

Towards Prediction of Ordered Phases in Rechargeable Battery Chemistry via Group–Subgroup Transformation

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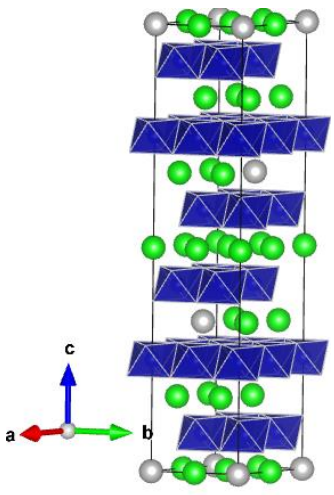
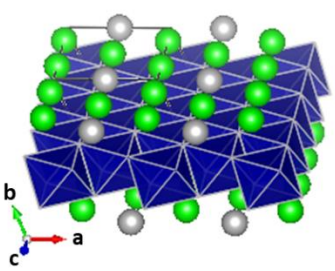
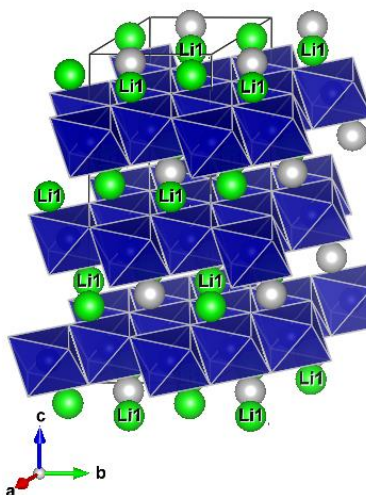
⁸Materials Genome Institute, Shanghai University, Shanghai 200444, China

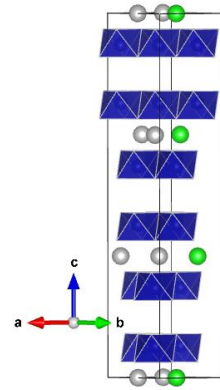
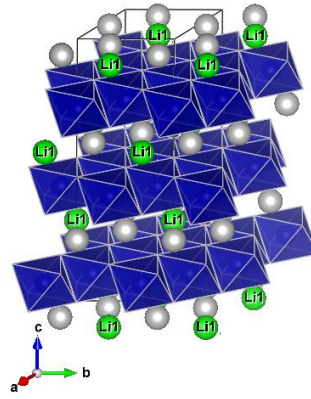
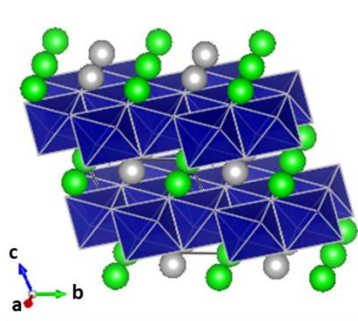
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Supplementary Table 1. Crystallographic data of three host structures of Li_xCoO_2 .

Host structures	O3 ($R\bar{3}m$)	H1-3 ($R\bar{3}m$)	O1 ($P3m1$)
Point group	D_{3d}		C_{3v}
Translation group	$(1 + (1/3, 2/3, 2/3) + (1/3, 1/3, 2/3) + u\mathbf{a} + v\mathbf{b} + w\mathbf{c})$		$u\mathbf{a} + v\mathbf{b} + w\mathbf{c}$
a, b, c (Å)	2.8156, 2.8156, 14.0542	2.7800, 2.7800, 25.9500	2.8220, 2.8220, 4.2900
γ (°)	120	120	120
Wyckoff positions	Li sites: $3a$ (0, 0, 0)	Li sites: $3a$ (0, 0, 0)	Co sites: $1a$ (0, 0, 0)
	Co sites: $3b$ (0, 0, 0.5)	Co sites: $6c$ (0, 0, 0.42)	O1 sites: $1b$ (0.3333, 0.6667, 0.2341)
	O sites: $6c$ (0, 0, 0.2397)	O1 sites: $6c$ (0, 0, 0.29)	O2 sites: $1c$ (0.6667, 0.3333, 0.7659)
		O2 sites: $6c$ (0, 0, 0.12)	

Supplementary Table 2. Detailed crystallographic data of the ordering phases that shaped the convex hull of Li_xCoO_2 . The Blue octahedron represents the CoO_6 polyhedron. Li-ions, vacancies are colored by green and gray, respectively. All structures are illustrated by reduced cell.

$\text{Li}_{0.875}\text{CoO}_2$	$\text{Li}_{0.75}\text{CoO}_2^*$	$\text{Li}_{0.6667}\text{CoO}_2$
		
<i>R-3m</i> (no.167)	<i>P2/m</i> (no.10)	<i>P31I2</i> (no.151)
a (Å), b (Å), c (Å); α (°), β (°), γ (°)	a (Å), b (Å), c (Å); α (°), β (°), γ (°)	a (Å), b (Å), c (Å); α (°), β (°), γ (°)
5.6312, 5.6312, 28.108; 90, 90, 120	14.0542, 5.63120, 4.95876; 90, 160.863, 90	4.8768, 4.8768, 14.0542; 90, 90, 120
Site Wyck. x y z	Site Wyck. x y z	Site Wyck. x y z
Li1 9e 0.00000, 0.50000, 0.00000	Li1 2i 0.00000, 0.75000, 0.00000	Li1 3a 0.55556, 0.77778, 0.00000
Li2 9d 0.83333, 0.66667, 0.16667	Va 1g 0.50000, 0.00000, 0.50000	Va 3a 0.88889, 0.11111, 0.33333
Va 3a 0.66667, 0.33333, 0.33333	Li3 1h 0.50000, 0.50000, 0.50000	Li3 3a 0.55556, 0.11111, 0.66667
Li4 3b 0.00000, 0.00000, 0.50000	Co1 2j 0.50000, 0.75000, 0.00000	Co1 3b 0.55556, 0.77778, 0.50000
Co1 18h 0.00000, 0.50000, 0.25000	Co2 1c 0.00000, 0.00000, 0.50000	Co2 3b 0.88889, 0.11111, 0.83333
Co2 6c 0.66667, 0.33333, 0.58333	Co3 1f 0.00000, 0.50000, 0.50000	Co3 3b 0.55556, 0.11111, 0.16667
O1 18h 0.00000, 0.50000, 0.11984	O1 4o 0.23968, 0.75000, 0.00000	O1 6c 0.55556, 0.77778, 0.23968
O2 18h 0.83333, 0.66667, 0.28651	O2 2m 0.73968, 0.00000, 0.50000	O2 6c 0.88889, 0.11111, 0.57301
O3 6c 0.66667, 0.33333, 0.45317	O3 2n 0.73968, 0.50000, 0.50000	O3 6c 0.55556, 0.11111, 0.90635
O4 6c 0.00000, 0.00000, 0.61984		
$\text{Li}_{0.5}\text{CoO}_2^*$	$\text{Li}_{0.3333}\text{CoO}_2$	$\text{Li}_{0.1667}\text{CoO}_2$



***P2/m* (no.10)**

a (Å), b (Å), c (Å); α (°), β (°), γ (°)
9.5094, 2.8156, 14.0542; 90, 170.157, 90

Site	Wyck.	x	y	z
Li1	1a	0.00000	0.00000	0.00000
Va2	1e	0.50000	0.50000	0.00000
Co1	1c	0.00000	0.00000	0.50000
Co2	1h	0.50000	0.50000	0.50000
O1	2m	0.00000	0.00000	0.23968
O2	2n	0.50000	0.50000	0.23968

***P312* (no.151)**

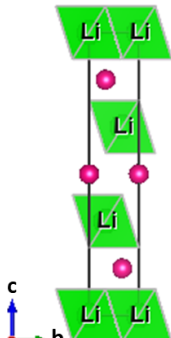
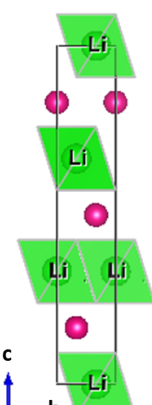
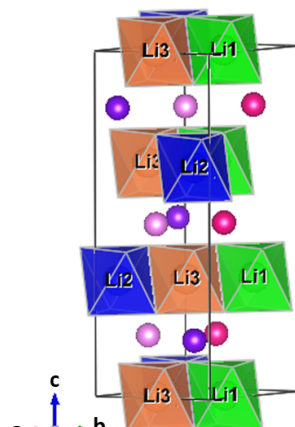
a (Å), b (Å), c (Å); α (°), β (°), γ (°)
4.8768, 4.8768, 14.0542; 90, 90, 120

Site	Wyck.	x	y	z
Li1	3a	0.55556	0.77778	0.00000
Va2	3a	0.88889	0.11111	0.33333
Li3	3a	0.55556	0.11111	0.66667
Co1	3b	0.55556	0.77778	0.50000
Co2	3b	0.88889	0.11111	0.83333
Co3	3b	0.55556	0.11111	0.16667
O1	6c	0.55556	0.77778	0.23968
O2	6c	0.88889	0.11111	0.57301
O3	6c	0.55556	0.11111	0.90635

***P312* (no.151)**

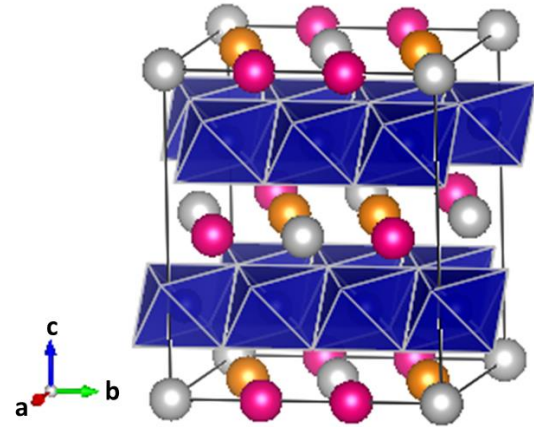
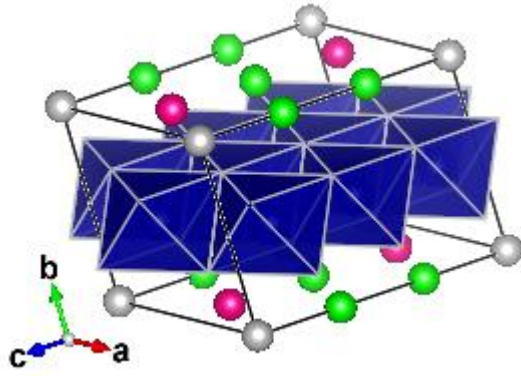
a (Å), b (Å), c (Å); α (°), β (°), γ (°)
4.8151, 4.8151, 25.95; 90, 90, 120

Site	Wyck.	x	y	z
Li1	3a	0.88889	0.77778	0.66667
Va2	3a	0.55556	0.11111	0.66667
Li3	3a	0.22222	0.44444	0.66667
Co1	6c	0.88889	0.77778	0.08667
Co2	6c	0.55556	0.11111	0.08667
Co3	6c	0.22222	0.44444	0.08667
O1	6c	0.88889	0.77778	0.95667
O2	6c	0.55556	0.11111	0.95667
O3	6c	0.22222	0.44444	0.95667
O4	6c	0.88889	0.77778	0.78667
O5	6c	0.55556	0.11111	0.78667
O6	6c	0.22222	0.44444	0.78667

	Step 1 $I2 + k3$ a, b, c		Step 2 $k3$ a-b, a+2b, c																																																																																										
	(a)	(b)	(c)																																																																																										
1	$R\bar{3}m$ (no.166) $a = 2.8156 \text{ \AA}$ $c = 14.0542 \text{ \AA}$ <table><thead><tr><th>Atom</th><th>Wyck.</th><th>x</th><th>y</th><th>z</th></tr></thead><tbody><tr><td>Li</td><td>3a</td><td>0</td><td>0</td><td>0</td></tr><tr><td>Co</td><td>3b</td><td>0</td><td>0</td><td>1/2</td></tr><tr><td>O</td><td>6c</td><td>0</td><td>0</td><td>0.23968</td></tr></tbody></table>	Atom	Wyck.	x	y	z	Li	3a	0	0	0	Co	3b	0	0	1/2	O	6c	0	0	0.23968	$P3_121$ (no.152) $a = 4.8768 \text{ \AA}$ $c = 14.0542 \text{ \AA}$ <table><thead><tr><th>Atom</th><th>Wyck.</th><th>x</th><th>y</th><th>z</th></tr></thead><tbody><tr><td>Li1</td><td>3a</td><td>2/3</td><td>2/3</td><td>0</td></tr><tr><td>Co</td><td>3b</td><td>2/3</td><td>2/3</td><td>1/2</td></tr><tr><td>O</td><td>6c</td><td>2/3</td><td>2/3</td><td>0.23968</td></tr></tbody></table>	Atom	Wyck.	x	y	z	Li1	3a	2/3	2/3	0	Co	3b	2/3	2/3	1/2	O	6c	2/3	2/3	0.23968	$P3_112$ (no.151) $a = 4.8768 \text{ \AA}$ $c = 14.0542 \text{ \AA}$ <table><thead><tr><th>Atom</th><th>Wyck.</th><th>x</th><th>y</th><th>z</th></tr></thead><tbody><tr><td>Li1</td><td>3a</td><td>0.55556</td><td>0.77778</td><td>0.00000</td></tr><tr><td>Li2</td><td>3a</td><td>0.88889</td><td>0.11111</td><td>0.33333</td></tr><tr><td>Li3</td><td>3a</td><td>0.55556</td><td>0.11111</td><td>0.66667</td></tr><tr><td>Co1</td><td>3b</td><td>0.55556</td><td>0.77778</td><td>0.50000</td></tr><tr><td>Co2</td><td>3b</td><td>0.88889</td><td>0.11111</td><td>0.83333</td></tr><tr><td>Co3</td><td>3b</td><td>0.55556</td><td>0.11111</td><td>0.16667</td></tr><tr><td>O1</td><td>6c</td><td>0.55556</td><td>0.77778</td><td>0.23968</td></tr><tr><td>O2</td><td>6c</td><td>0.88889</td><td>0.11111</td><td>0.57301</td></tr><tr><td>O3</td><td>6c</td><td>0.55556</td><td>0.11111</td><td>0.90635</td></tr></tbody></table>	Atom	Wyck.	x	y	z	Li1	3a	0.55556	0.77778	0.00000	Li2	3a	0.88889	0.11111	0.33333	Li3	3a	0.55556	0.11111	0.66667	Co1	3b	0.55556	0.77778	0.50000	Co2	3b	0.88889	0.11111	0.83333	Co3	3b	0.55556	0.11111	0.16667	O1	6c	0.55556	0.77778	0.23968	O2	6c	0.88889	0.11111	0.57301	O3	6c	0.55556	0.11111	0.90635
Atom	Wyck.	x	y	z																																																																																									
Li	3a	0	0	0																																																																																									
Co	3b	0	0	1/2																																																																																									
O	6c	0	0	0.23968																																																																																									
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Supplementary Figure 1. Illustration of the newly found $\sqrt{3} \times \sqrt{3}$ supercell within *P3₁12* subgroup. Colored octahedrons represent the LiO₆ polyhedron. Different sites of Co are represented by colored balls.

Supplementary Table 3. Detailed crystallographic data of $\sqrt{3} \times \sqrt{3}$ orderings with the lowest energies in different supercells of $\text{Li}_{0.3333}\text{CoO}_2$ (illustrated by reduced cell. Blue octahedron represents the CoO_6 polyhedron. Vacancies are colored in gray and other colored balls represent Li ions).



***P2/m* (no.10)**

a (Å), b (Å), c (Å); α (°), β (°), γ (°)
4.95876, 8.44680, 9.50944; 90, 28.979, 90

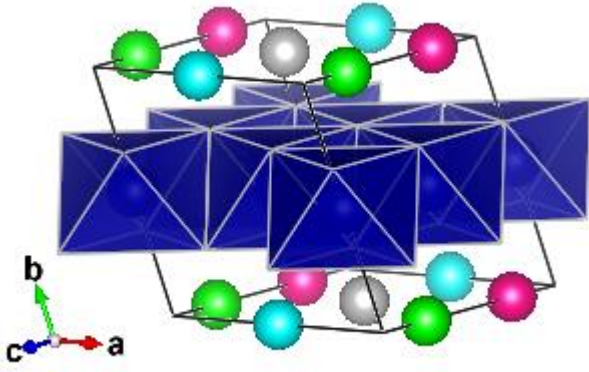
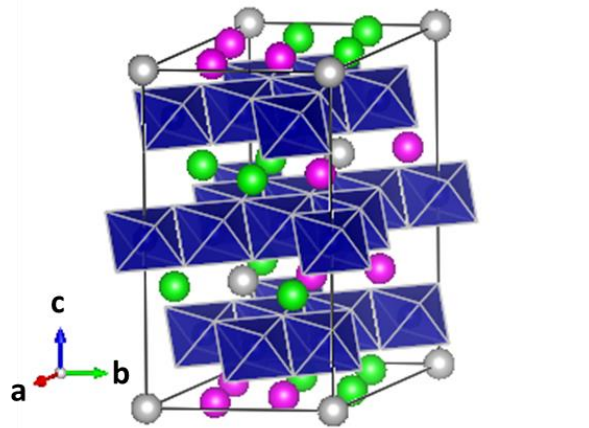
Site	Wyck.	x	y	z
Li1	$2i$	0.00000	0.66667	0.00000
Li2	$2k$	0.00000	0.16667	0.50000
Va3	$1f$	0.00000	0.50000	0.50000
Va4	$1a$	0.00000	0.00000	0.00000
Co1	$2l$	0.50000	0.66667	0.50000
Co2	$2j$	0.50000	0.16667	0.00000
Co3	$1e$	0.50000	0.50000	0.00000
Co4	$1g$	0.50000	0.00000	0.50000
O1	$4o$	0.76032	0.66667	0.76032
O2	$4o$	0.76032	0.16667	0.26032
O3	$2n$	0.76032	0.50000	0.26032
O4	$2m$	0.76032	0.00000	0.76032

***C2/m* (no.12)**

a (Å), b (Å), c (Å); α (°), β (°), γ (°)
9.5094, 8.4468, 28.1084; 90, 170.1573, 90

Site	Wyck.	x	y	z
Va	$2a$	0.00000	0.00000	0.00000
Li2	$4g$	0.50000	0.16667	0.00000
Li3	$4h$	0.50000	0.83333	0.50000
Va4	$2c$	0.50000	0.50000	0.50000
Co1	$4i$	0.00000	0.00000	0.25000
Co2	$8j$	0.50000	0.16667	0.25000
O1	$4i$	0.00000	0.00000	0.11984
O2	$8j$	0.50000	0.16667	0.11984
O3	$8j$	0.50000	0.83333	0.61984
O4	$4i$	0.50000	0.50000	0.61984

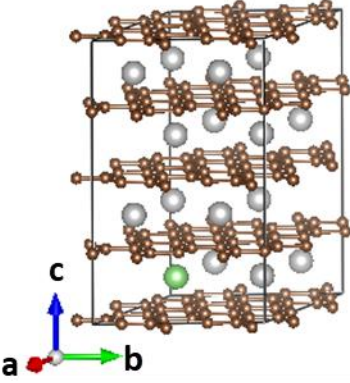
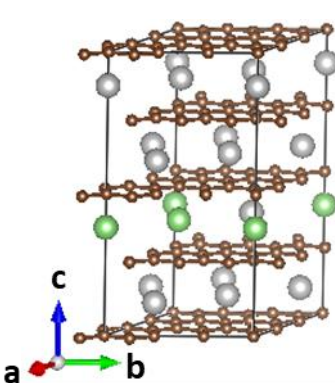
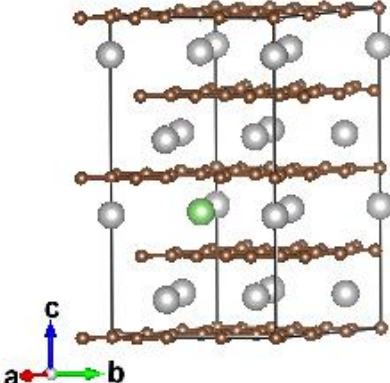
Supplementary Table 4. Crystallographic data of $\text{Li}_{0.8333}\text{CoO}_2$ and $\text{Li}_{0.8571}\text{CoO}_2$. The Blue octahedron represents the CoO_6 polyhedron. Vacancies are colored in gray and other colored balls represent Li ions with different positions

$\text{Li}_{0.8333}\text{CoO}_2$						$\text{Li}_{0.8571}\text{CoO}_2$					
											
<i>P2/m</i> (no.12)						<i>R3</i> (no.146)					
$a = 4.9588 \text{ \AA}$						$a = 7.44938 \text{ \AA}$					
$b = 8.4468 \text{ \AA}$						$c = 14.0542 \text{ \AA}$					
$c = 9.5094 \text{ \AA}$						$\gamma = 120^\circ$					
$\beta = 28.9793^\circ$											
Site	Wyck.	x	y	z		Site	Wyck.	x	y	z	
Li1	2i	0.00000	0.66667	0.00000		Li1	9b	0.14286	0.71429	0.00000	
Li2	2k	0.00000	0.16667	0.50000		Li2	9b	0.85714	0.28571	0.00000	
Li3	1f	0.00000	0.50000	0.50000		Li3	3a	0.00000	0.00000	0.00000	
Li4	1a	0.00000	0.00000	0.00000		Co1	9b	0.14286	0.71429	0.50000	
Co1	2l	0.50000	0.66667	0.50000		Co2	9b	0.85714	0.28571	0.50000	
Co2	2j	0.50000	0.16667	0.00000		Co3	3a	0.00000	0.00000	0.50000	
Co3	1e	0.50000	0.50000	0.00000		O1	9b	0.14286	0.71429	0.23968	
Co4	1g	0.50000	0.00000	0.50000		O2	9b	0.57143	0.85714	0.76032	
O1	4o	0.76032	0.66667	0.76032		O3	9b	0.85714	0.28571	0.76032	
O2	4o	0.76032	0.16667	0.26032		O4	3a	0.00000	0.00000	0.76032	
O3	2n	0.76032	0.50000	0.26032		O5	9b	0.71429	0.57143	0.23968	
O4	2m	0.76032	0.00000	0.76032		O6	3a	0.66667	0.33333	0.57301	

Supplementary Table 5. Crystallographic data of Li_xC_6 structures with AA, AB stacking.

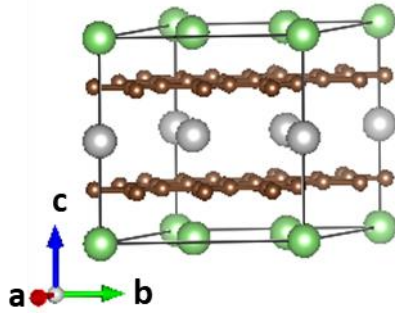
Host structures	LiC_6 (AA stacking)	LiC_6 (ABAB stacking)
Space group	<i>P6/mmm</i> (no.191)	<i>P321</i> (no.150)
a, b, c (Å)	4.3233, 4.3233, 3.7454	4.2995, 4.2995, 7.2
α, β, γ (°)	90, 90, 120	90, 90, 120
Wyckoff positions	Li $1a$ 0, 0, 0 C: $6k$ 0, 1/3, 1/2	Li $2d$ 1/3, 2/3, 0.7634 C1 $3e$ 1/3, 1/3, 0 C2 $2d$ 2/3, 1/3, 0 C3 $3f$ 0, 2/3, 1/2 C4 $3f$ 2/3, 2/3, 1/2 C5 $1a$ 0, 0, 0
Point group	$6mm$	mmm
Translation group	$u\mathbf{a} + v\mathbf{b} + w\mathbf{c}$	$1 + (1/2, 1/2, 0) + u\mathbf{a} + v\mathbf{b} + w\mathbf{c}$

Supplementary Table 6. Detailed crystallographic data of ordered phases of Li_xC_6 . Li ions, vacancies are colored in green and gray, respectively.

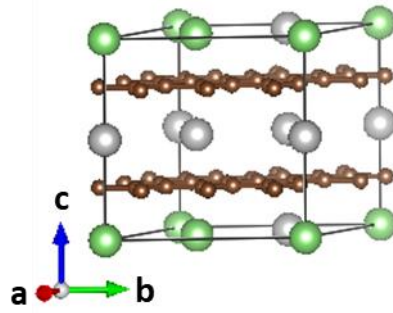
$\text{Li}_{0.0625}\text{C}_6$ (Stage IV)					$\text{Li}_{0.1667}\text{C}_6$ (Stage IV)					$\text{Li}_{0.0833}\text{C}_6$ (Stage IV)				
														
<i>P3</i> (no.143)					<i>P3</i> (no.143)					<i>P3</i> (no.143)				
a (Å), b (Å), c (Å); α (°), β (°), γ (°)					a (Å), b (Å), c (Å); α (°), β (°), γ (°)					a (Å), b (Å), c (Å); α (°), β (°), γ (°)				
8.599, 8.599, 14.4; 90, 90, 120					7.44695, 7.44695, 14.4; 90, 90, 120					7.44695, 7.44695, 14.40000; 90, 90, 120				
Site	Wyck.	x	y	z	Site	Wyck.	x	y	z	Site	Wyck.	x	y	z
Va	3d	0.16667	0.83333	0.13194	Li1	1a	0.00000	0.00000	0.38194	Va1	1a	0.00000	0.00000	0.38194
Li2	1c	0.66667	0.33333	0.13194	Li2	1c	0.66667	0.33333	0.38194	Li2	1c	0.66667	0.33333	0.38194
Va	1b	0.33333	0.66667	0.36806	Va	1b	0.33333	0.66667	0.38194	Va3	1b	0.33333	0.66667	0.38194
Va	3d	0.83333	0.16667	0.36806	Va	3d	0.33333	0.00000	0.61806	Va4	3d	0.33333	0.00000	0.61806
Va	3d	0.16667	0.83333	0.63194	Va	1a	0.00000	0.00000	0.88194	Va5	1a	0.00000	0.00000	0.88194
Va	1c	0.66667	0.33333	0.63194	Va	1c	0.66667	0.33333	0.88194	Va6	1c	0.66667	0.33333	0.88194
Va	1b	0.33333	0.66667	0.86806	Va	1b	0.33333	0.66667	0.88194	Va7	1b	0.33333	0.66667	0.88194
Va	3d	0.83333	0.16667	0.86806	Va	3d	0.33333	0.00000	0.11806	Va8	3d	0.33333	0.00000	0.11806
C11	3d	0.16667	0.66667	0.75000	C11	3d	0.11112	0.88889	0.00000	C1	3d	0.11112	0.88889	0.00000
C12	3d	0.83333	0.50000	0.75000	C12	3d	0.77778	0.55556	0.00000	C2	3d	0.77778	0.55556	0.00000
C13	3d	0.00000	0.33333	0.75000	C13	3d	0.11111	0.55555	0.00000	C3	3d	0.11111	0.55555	0.00000
C14	3d	0.16667	0.16667	0.75000	C14	3d	0.11112	0.88889	0.50000	C4	3d	0.11112	0.88889	0.50000
C15	3d	0.16667	0.66667	0.25000	C15	3d	0.77778	0.22222	0.50000	C5	3d	0.77778	0.22222	0.50000
C16	3d	0.66667	0.66667	0.25000	C16	3d	0.44445	0.55556	0.50000	C6	3d	0.44445	0.55556	0.50000
C17	3d	0.16667	0.16667	0.25000	C21	3d	0.33333	0.00000	0.00000	C7	3d	0.33333	0.00000	0.00000
C18	3d	0.66667	0.16667	0.25000	C22	1a	0.00000	0.00000	0.00000	C8	1a	0.00000	0.00000	0.00000
C21	1b	0.33333	0.66667	0.75000	C23	1b	0.33333	0.66667	0.00000	C9	1b	0.33333	0.66667	0.00000
C22	3d	0.83333	0.66667	0.75000	C24	1c	0.66667	0.33333	0.00000	C10	1c	0.66667	0.33333	0.00000
C23	3d	0.16667	0.83333	0.75000	C25	3d	0.33333	0.00000	0.50000	C11	3d	0.33333	0.00000	0.50000
C24	1c	0.66667	0.33333	0.75000	C26	1a	0.00000	0.00000	0.50000	C12	1a	0.00000	0.00000	0.50000
C25	1b	0.33333	0.66667	0.25000	C27	1b	0.33333	0.66667	0.50000	C13	1b	0.33333	0.66667	0.50000
C26	3d	0.83333	0.66667	0.25000	C28	1c	0.66667	0.33333	0.50000	C14	1c	0.66667	0.33333	0.50000
C27	3d	0.16667	0.83333	0.25000	C31	3d	0.77778	0.88889	0.25000	C15	3d	0.77778	0.88889	0.25000
C28	1c	0.66667	0.33333	0.25000	C32	3d	0.77778	0.22222	0.25000	C16	3d	0.77778	0.22222	0.25000
C31	3d	0.00000	0.83333	0.00000	C33	3d	0.44444	0.88889	0.25000	C17	3d	0.44444	0.88889	0.25000
C32	3d	0.66667	0.16667	0.00000	C34	3d	0.44444	0.88889	0.75000	C18	3d	0.44444	0.88889	0.75000

C33	3d	0.33333	0.50000	0.00000	C35	3d	0.77778	0.22222	0.75000	C19	3d	0.77778	0.22222	0.75000
C34	3d	0.33333	0.50000	0.50000	C36	3d	0.77778	0.88889	0.75000	C20	3d	0.77778	0.88889	0.75000
C35	3d	0.66667	0.16667	0.50000	C41	3d	0.22222	0.11110	0.25000	C21	3d	0.22222	0.11110	0.25000
C36	3d	0.00000	0.83333	0.50000	C42	3d	0.55557	0.44445	0.25000	C22	3d	0.55557	0.44445	0.25000
C37	3d	0.00000	0.33333	0.00000	C43	3d	0.22222	0.44445	0.25000	C23	3d	0.22222	0.44445	0.25000
C38	3d	0.33333	0.00000	0.50000	C44	3d	0.22222	0.11110	0.75000	C24	3d	0.22222	0.11110	0.75000
C41	3d	0.33333	0.83333	0.00000	C45	3d	0.22222	0.44445	0.75000	C25	3d	0.22222	0.44445	0.75000
C42	3d	0.66667	0.50000	0.00000	C46	3d	0.55557	0.44445	0.75000	C26	3d	0.55557	0.44445	0.75000
C43	3d	0.00000	0.16667	0.00000	C51	3d	0.00000	0.66667	0.00000	C27	3d	0.00000	0.66667	0.00000
C44	3d	0.33333	0.83333	0.50000	C52	3d	0.00000	0.66667	0.50000	C28	3d	0.00000	0.66667	0.50000
C45	3d	0.00000	0.16667	0.50000										
C46	3d	0.66667	0.50000	0.50000										
C47	3d	0.33333	0.33333	0.00000										
C48	3d	0.33333	0.33333	0.50000										
C51	3d	0.00000	0.50000	0.75000										
C52	1a	0.00000	0.00000	0.75000										
C53	3d	0.00000	0.50000	0.25000										
C54	1a	0.00000	0.00000	0.25000										

Li_{0.5}C₆ (Stage II)



Li_{0.3333}C₆ (Stage II)



P-6 (no.174)

a (Å), b (Å), c (Å); α (°), β (°), γ (°)
7.48816, 7.48816, 7.49074; 90, 90, 120

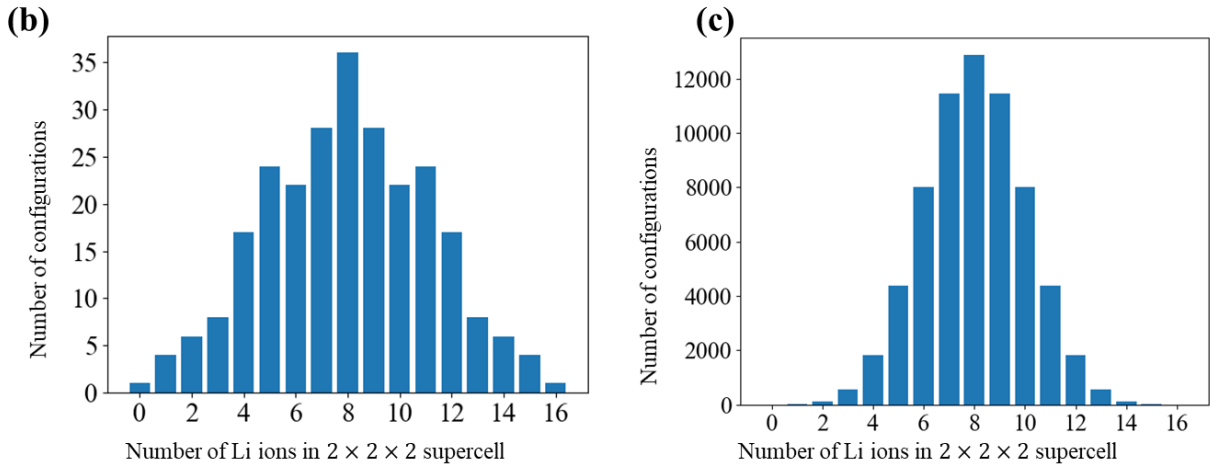
Site	Wyck.	x	y	z
Li1	2b	0.33333	0.66667	0.75000
Li2	1a	0.00000	0.00000	0.75000
Va3	2b	0.33333	0.66667	0.25000
Va4	1a	0.00000	0.00000	0.25000
C1	6d	0.22215	0.77785	0.00000
C2	6d	0.44452	0.55548	0.00000
C3	6d	0.55570	0.77785	0.50000
C4	6d	0.11097	0.55548	0.50000
C5	6d	0.88882	0.11118	0.00000
C6	6d	0.22237	0.11118	0.50000

P-6 (no.174)

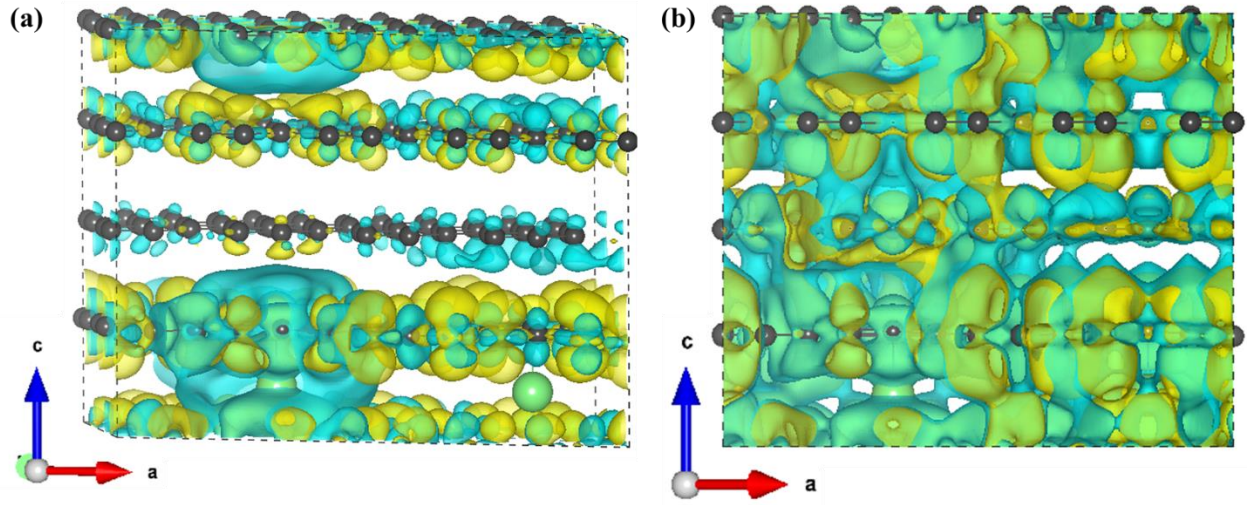
a (Å), b (Å), c (Å); α (°), β (°), γ (°)
7.48816, 7.48816, 7.49074; 90, 90, 120

Site	Wyck.	x	y	z
Li1	2b	0.33333	0.66667	0.75000
Va2	1a	0.00000	0.00000	0.75000
Va3	2b	0.33333	0.66667	0.25000
Va4	1a	0.00000	0.00000	0.25000
C1	6d	0.22215	0.77785	0.00000
C2	6d	0.44452	0.55548	0.00000
C3	6d	0.55570	0.77785	0.50000
C4	6d	0.11097	0.55548	0.50000
C5	6d	0.88882	0.11118	0.00000
C6	6d	0.22237	0.11118	0.50000

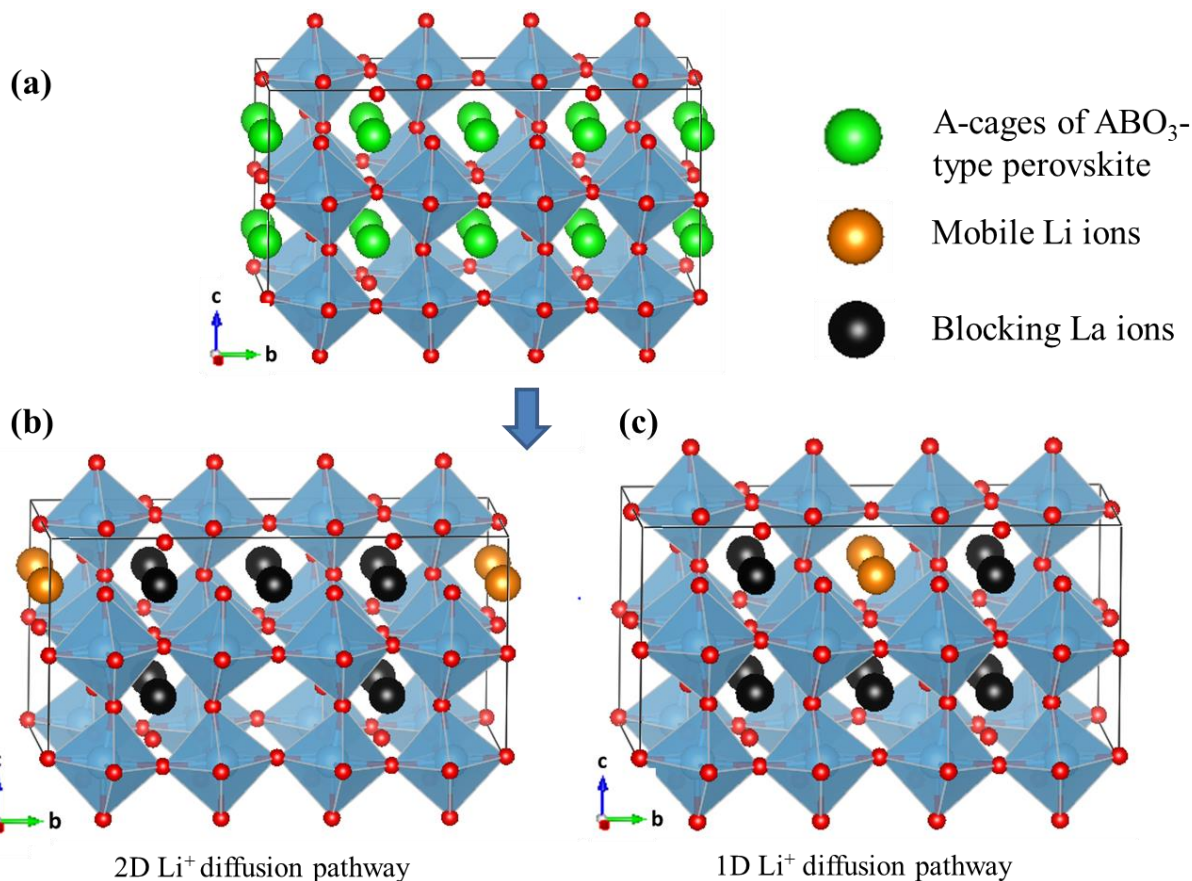
(a)	Step 1 $k2$ a, b, 2c	Step 2 $t2$ a, b, c	Step 3 $k4$ 2a, 2b, c
	$P321$ (no.150) $a = 4.29950 \text{ \AA}$ $b = 4.29950 \text{ \AA}$ $c = 7.20000 \text{ \AA}$ Atom Wyck. x y z Li 2d -0.67 -0.33 1.76	$P321$ (no.150) $a = 4.29950 \text{ \AA}$ $b = 4.29950 \text{ \AA}$ $c = 14.40000 \text{ \AA}$ Atom Wyck. x y z Li1 2d 0.33 0.67 0.13 Li2 2d 0.67 0.33 0.37	$P3$ (no.143) $a = 4.29950 \text{ \AA}$ $b = 4.29950 \text{ \AA}$ $c = 14.40000 \text{ \AA}$ Atom Wyck. x y z Li1 1b 0.33 0.67 0.13 Li2 1c 0.67 0.33 0.87 Li3 1c 0.67 0.33 0.37 Li4 1b 0.33 0.67 0.63



Supplementary Figure 2. Advantage of group subgroup transformation in eliminating configurational space. (a) *P3* subgroup of AB stacking LiC_6 is obtained with lattice transformation $2a, 2b, 2c$. (b) There are in total 36 kinds of arrangements by placing 8 Li ions and 8 vacancies in *P3* subgroup. (c) There are in total 12870 kinds of arrangements by placing 8 Li ions and 8 vacancies with enumeration.



Supplementary Figure 3. Charge density difference using the $2 \times 1 \times 1$ supercell. (a) $\text{Li}_{0.0625}\text{C}_6$ and (b) $\text{Li}_{0.0833}\text{C}_6$. Charge density difference is defined as $\Delta\rho = \rho_{\text{Li(1)Li(2)-graphite}} - \rho_{\text{Li(1)-graphite}} - \rho_{\text{Li(2)}}$, where $\rho_{\text{Li(1)Li(2)-graphite}}$, $\rho_{\text{Li(1)-graphite}}$, and $\rho_{\text{Li(2)}}$ are the charge densities of the Li(1)Li(2)-graphite (Li(1)Li(2)C_{192} for $\text{Li}_{0.0625}\text{C}_6$ and Li(1)Li(2)C_{144} for $\text{Li}_{0.0833}\text{C}_6$ with the equivalent Li(1) and Li(2) atoms), Li(1)-graphite, and a single Li(2) atom, respectively. The isovalue is set to $0.001 \text{ e}/\text{\AA}^3$. The yellow color represents charge accumulation, while the blue color indicates charge depletion.



Supplementary Figure 4. Blocking effect of La on Li⁺ diffusion pathway. (a) All available A-cages for Li/La/vacancy in $\text{Li}_{3x}\text{La}_{2/3-x}\text{TiO}_3$ ($0 < x < 0.167$). By assigning Li/La/vacancy with a ratio of 2:10:4 to A-cages ($\text{Li}_{0.125}\text{La}_{0.625}\text{TiO}_3$), (b) 2D and (c) 1D Li⁺ diffusion pathways can be obtained because of the blocking effect of La ions. The colored octahedron represents the TiO_6 polyhedron.

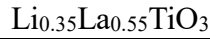
Supplementary Table 7. Crystallographic data of three host structures of $\text{Li}_{3x}\text{La}_{2/3-x}\text{TiO}_3$ ($0 < x < 0.167$).

Host structures	Tetragonal	Orthorhombic
Space group	<i>P4/mmm</i> (no.123)	<i>Cmmm</i> (no.65)
a, b, c (Å)	3.8742, 3.8742, 7.7673	7.7410, 7.7570, 7.7980
α, β, γ (°)	90, 90, 90	90, 90, 90
Wyckoff positions	La1 sites: $1a$ (0, 0, 0) La2 sites: $1b$ (0, 0, 0.5) Ti1 sites: $2h$ (0.5, 0.5, 0.267) O1 sites: $4i$ (0, 0.5, 0.25) O2 sites: $1c$ (0.5, 0.5, 0) O3 sites: $1d$ (0.5, 0.5, 0.5)	La1 sites: $4i$ (0, 0.2539, 0) La2 sites: $4j$ (0, 0.2539, 1/4) $8o$ (0.2487, 0, 0.2599) $4g$ (0.2678, 0, 0) $4k$ (0, 0, 0.2168) $4l$ (0, 0.5, 0.2574) $8m$ (0.25, 0.25, 0.2342) $4h$ (0.2296, 0, 0.5)
Point group	<i>mmm</i>	<i>mmm</i>
Translation group	$u\mathbf{a} + v\mathbf{b} + w\mathbf{c}$	$1 + (1/2, 1/2, 0) + u\mathbf{a} + v\mathbf{b} + w\mathbf{c}$

Supplementary Table 8. Detailed crystallographic data of the ordering phases in $\text{Li}_{3x}\text{La}_{2/3-x}\text{TiO}_3$ ($0 < x < 0.167$) determined by subgroup transformation.

$\text{Li}_{0.125}\text{La}_{0.625}\text{TiO}_3$					$\text{Li}_{0.2}\text{La}_{0.6}\text{TiO}_3$				
<i>P222_I</i> (no.17)					<i>C222</i> (no.21)				
a (Å), b (Å), c (Å); α (°), β (°), γ (°)					a (Å), b (Å), c (Å); α (°), β (°), γ (°)				
7.7570, 7.7410, 15.596; 90, 90, 90					7.7410, 38.7850, 7.798; 90, 90, 90				
Site	Wyck.	x	y	z	Site	Wyck.	x	y	z
La	4e	0.7539	0.5000	0.7500	La	4g	0.0000	0.6507	0.0000
La	4e	0.2539	0.0000	0.7500	La	4g	0.0000	0.5492	0.0000
Li	2b	0.7591	0.5000	0.5000	La	4g	0.5000	0.7507	0.0000
Va	2b	0.2409	0.5000	0.5000	La	4g	0.5000	0.6492	0.0000
Va	2a	0.2591	0.0000	0.5000	La	4g	0.0000	0.0507	0.0000
La	2a	0.7409	0.0000	0.5000	Li	4h	0.0000	0.6518	0.5000
Ti	4e	0.5000	0.7487	0.6200	Va	4h	0.0000	0.5481	0.5000
Ti	4e	0.5000	0.2513	0.6200	Va	4h	0.5000	0.7518	0.5000
Ti	4e	0.0000	0.2487	0.6200	Li	4h	0.5000	0.6481	0.5000
Ti	4e	0.0000	0.7513	0.6200	La	4h	0.0000	0.0518	0.5000
O	2d	0.5000	0.7678	0.7500	Ti	8l	0.2487	0.6000	0.2599
O	2d	0.5000	0.2322	0.7500	Ti	8l	0.7513	0.6000	0.2599
O	2c	0.0000	0.2678	0.7500	Ti	8l	0.7487	0.7000	0.2599
O	2c	0.0000	0.7322	0.7500	Ti	8l	0.2513	0.7000	0.2599
O	4e	0.5000	0.5000	0.6416	Ti	8l	0.2487	0.0000	0.2599
O	4e	0.0000	0.0000	0.6416	O	8l	0.2678	0.6000	0.0000
O	4e	0.0000	0.5000	0.6213	O	8l	0.7678	0.7000	0.0000
O	4e	0.5000	0.0000	0.6213	O	4e	0.2678	0.0000	0.0000
O	4e	0.7500	0.7500	0.6329	O	8l	0.0000	0.6000	0.2168
O	4e	0.2500	0.2500	0.6329	O	8l	0.5000	0.7000	0.2168
O	4e	0.2500	0.2500	0.8671	O	4i	0.0000	0.0000	0.2168
O	4e	0.7500	0.7500	0.8671	O	8l	0.0000	0.7000	0.2574
O	4e	0.5000	0.7296	0.5000	O	4j	0.0000	0.5000	0.2574
O	4e	0.0000	0.2296	0.5000	O	8l	0.5000	0.6000	0.2574
					O	8l	0.2500	0.6500	0.2342
					O	8l	0.7500	0.5500	0.2342
					O	8l	0.7500	0.5500	0.7658
					O	8l	0.2500	0.6500	0.7658
					O	4k	0.7500	0.7500	0.2342
					O	4k	0.7500	0.7500	0.7658
					O	8l	0.2296	0.6000	0.5000
					O	8l	0.7296	0.7000	0.5000
					O	4f	0.2296	0.0000	0.5000
$\text{Li}_{0.25}\text{La}_{0.5833}\text{TiO}_3$					$\text{Li}_{0.3125}\text{La}_{0.5625}\text{TiO}_3$				
<i>Amm2</i> (no.38)					<i>Pmm2</i> (no.25)				
a (Å), b (Å), c (Å); α (°), β (°), γ (°)					a (Å), b (Å), c (Å); α (°), β (°), γ (°)				
7.7980, 7.7410, 23.271; 90, 90, 90					7.7410, 7.7570, 15.5960; 90, 90, 90				

Site	Wyck.	x	y	z	Site	Wyck.	x	y	z
La	2a	0.0000	0.0000	0.7513	La	2e	0.7500	0.0000	0.2539
La	2a	0.0000	0.0000	0.5820	La	2e	0.7500	0.0000	0.7461
La	2a	0.0000	0.5000	0.9179	La	2f	0.7500	0.5000	0.7539
La	2a	0.0000	0.5000	0.7487	La	2f	0.7500	0.5000	0.2461
La	2a	0.0000	0.0000	0.0846	Li	1a	0.0000	0.0000	0.2591
La	2a	0.0000	0.0000	0.9153	Va	1a	0.0000	0.0000	0.7409
Li	2b	0.5000	0.0000	0.7530	Va	1c	0.5000	0.0000	0.2591
Li	2b	0.5000	0.0000	0.5803	Li	1c	0.5000	0.0000	0.7409
La	2b	0.5000	0.5000	0.9197	Li	1b	0.0000	0.5000	0.7591
Va	2b	0.5000	0.5000	0.7469	La	1b	0.0000	0.5000	0.2409
Va	2b	0.5000	0.0000	0.0863	Li	1d	0.5000	0.5000	0.7591
Li	2b	0.5000	0.0000	0.9136	Li	1d	0.5000	0.5000	0.2409
Ti	8f	0.2599	0.2487	0.6666	Ti	4i	0.8799	0.2487	0.0000
Ti	8f	0.2599	0.7487	0.8333	Ti	4i	0.6200	0.7513	0.0000
Ti	8f	0.2599	0.2487	0.0000	Ti	4i	0.8799	0.7487	0.5000
O	4d	0.0000	0.2678	0.6666	Ti	4i	0.6200	0.2513	0.5000
O	4d	0.0000	0.7678	0.8333	O	4i	0.7500	0.2678	0.0000
O	4d	0.0000	0.2678	0.0000	O	4i	0.7500	0.7678	0.5000
O	4c	0.2168	0.0000	0.6666	O	2e	0.8584	0.0000	0.0000
O	4c	0.2168	0.5000	0.8333	O	2e	0.6416	0.0000	0.0000
O	4c	0.2168	0.0000	0.0000	O	2f	0.8584	0.5000	0.5000
O	4c	0.2574	0.0000	0.8333	O	2f	0.6416	0.5000	0.5000
O	4c	0.2574	0.0000	0.5000	O	2e	0.8787	0.0000	0.5000
O	4c	0.2574	0.5000	0.6666	O	2e	0.6213	0.0000	0.5000
O	8f	0.2342	0.2500	0.7500	O	2f	0.8787	0.5000	0.0000
O	8f	0.2342	0.7500	0.5833	O	2f	0.6213	0.5000	0.0000
O	8f	0.2342	0.7500	0.9166	O	4i	0.8671	0.2500	0.2500
O	4e	0.5000	0.2296	0.6666	O	4i	0.8671	0.7500	0.7500
O	4e	0.5000	0.7296	0.8333	O	4i	0.6329	0.7500	0.2500
O	4e	0.5000	0.2296	0.0000	O	4i	0.6329	0.2500	0.7500
					O	2g	0.0000	0.2296	0.0000
					O	2h	0.5000	0.7704	0.0000
					O	2g	0.0000	0.7296	0.5000
					O	2h	0.5000	0.2704	0.5000



Amm2 (no.38)

a (Å), b (Å), c (Å); α (°), β (°), γ (°)

7.798, 38.705, 7.757; 90, 90, 90

Site	Wyck.	x	y	z
La1	4d	0.00000	0.60000	0.25390
La2	4d	0.00000	0.60000	0.74610
La3	4d	0.00000	0.70000	0.75390
La4	4d	0.00000	0.70000	0.24610
La5	2a	0.00000	0.00000	0.25390

La6	<i>2a</i>	0.00000	0.00000	0.74610
Li7	<i>4e</i>	0.50000	0.60000	0.25910
Li8	<i>4e</i>	0.50000	0.60000	0.74090
Li9	<i>4e</i>	0.50000	0.70000	0.75910
Va10	<i>4e</i>	0.50000	0.70000	0.24090
La11	<i>2b</i>	0.50000	0.00000	0.25910
Li12	<i>2b</i>	0.50000	0.00000	0.74090
Ti1	<i>8f</i>	0.25990	0.64974	0.00000
Ti2	<i>8f</i>	0.25990	0.55026	0.00000
Ti3	<i>8f</i>	0.25990	0.74974	0.50000
Ti4	<i>8f</i>	0.25990	0.65026	0.50000
Ti5	<i>8f</i>	0.25990	0.04974	0.00000
O1	<i>4d</i>	0.00000	0.65356	0.00000
O2	<i>4d</i>	0.00000	0.54644	0.00000
O3	<i>4d</i>	0.00000	0.75356	0.50000
O4	<i>4d</i>	0.00000	0.64644	0.50000
O5	<i>4d</i>	0.00000	0.05356	0.00000
O6	<i>8f</i>	0.21680	0.60000	0.00000
O7	<i>8f</i>	0.21680	0.70000	0.50000
O8	<i>4c</i>	0.21680	0.00000	0.00000
O9	<i>8f</i>	0.25740	0.60000	0.50000
O10	<i>8f</i>	0.25740	0.70000	0.00000
O11	<i>4c</i>	0.25740	0.00000	0.50000
O12	<i>8f</i>	0.23420	0.65000	0.25000
O13	<i>8f</i>	0.23420	0.55000	0.75000
O14	<i>8f</i>	0.76580	0.55000	0.25000
O15	<i>8f</i>	0.76580	0.65000	0.75000
O16	<i>8f</i>	0.23420	0.75000	0.75000
O17	<i>4e</i>	0.50000	0.64592	0.00000
O18	<i>4e</i>	0.50000	0.55408	0.00000
O19	<i>4e</i>	0.50000	0.74592	0.50000
O20	<i>4e</i>	0.50000	0.65408	0.50000
O21	<i>4e</i>	0.50000	0.04592	0.00000

Supplementary Methods

1. Bond valence site energy (BVSE)

The total BVSE potential of a grid point is the sum of Morse bond breaking energy involving the cation and anion attractive interaction and the Coulomb potential involving the mobile ion M and the immobile ions M_i repulsive interaction as follows:

$$\text{BVSE}(M) = \frac{D_0}{2} \{(\exp[\alpha(R_{\min} - R)] - 1)^2 - 1\} + \sum_{i=1}^N E_{\text{Coulomb}}(M - M_i) \quad (1)$$

Here D_0 , $R_{\min}$, and α are a set of empirical parameters.^[1-3] The use of $D_0/2$ as the Morse bond breaking energy prevents the double-counting of the same interaction in both the energy landscapes of ion M and ion M_i and may be seen as taking into account in a simplified average way relaxation in the immobile sub-lattice since the static BVSE modeling tends to overestimate the migration barriers. The Coulomb repulsion is calculated by the following formula:

$$E_{\text{Coulomb}}(M_1 - M_2) = \frac{q_{M_1} q_{M_2}}{R_{M_1 - M_2}} \text{erfc}\left(\frac{R_{M_1 - M_2}}{\rho_{M_1 - M_2}}\right) \quad (2)$$

Here $R_{M_1 - M_2}$ is the distance between ion M_1 and ion M_2 , q is the effective charge carried by the ion, the screening factor $\rho_{M_1 - M_2} = 0.74 \times (r_{M_1} + r_{M_2})$, wherein r is modeled in analogy to the real part of the Ewald summation ensuring that the repulsive Coulomb interactions converge over a similar length scale as the attractive interactions. The BVSE values of each grid point form a discrete energy landscape that could be further used to visualize ionic transport pathways by site energy isosurface and to calculate migration energy barrier.

2. Group Subgroup Transformation

2.1 Maximal t -subgroups and k -subgroups

There are two types of maximal subgroups, as listed in Supplementary Table 9.

Supplementary Table 9. Possible types of maximal subgroups H of a given space group G .

Symbol	Term	Meaning
t	<i>translationengleiche</i>	H has the complete translational symmetry, but the point group has lower symmetry.
k	<i>klassengleiche</i>	H has lost operations in translational group, but the point group is not changed.

Translationengleiche maximal subgroups. A subgroup $H < G$ of a space group G is a t -subgroup of G if the translation group $T(G)$ is retained, but the symmetry of point group $P(G)$ is reduced. Symmetry reduction in point group may lead to the transformation of the lattice due to the restrictions of the symmetry operations upon lattice vectors and angles. It also should be mentioned that, during the transformation to the t -subgroups, the size of the primitive cell should not change.

For example, the point group $P(G)$ of group $R\bar{3}m$ (no.166) contains 12 point-type symmetry operations. Maximum t -subgroups and their remaining symmetry operations are listed in supplementary Table 10.

Supplementary Table 10. Maximum t -subgroups of $R\bar{3}m$ and the corresponding subset of symmetry operations in Li_xCoO_2 .

Space group	t -index	Space operations	Lattice transformation
$R\bar{3}m$	2	1, 3^+ , 3^- , m [110], m [100], m [010]	a, b, c
$R32$	2	1, 3^+ , 3^- , 2 [110], 2 [100], 2 [010]	a, b, c
$R\bar{3}$	2	1, 3^+ , 3^- , $\bar{1}$, $\bar{3}^+$, $\bar{3}^-$,	a, b, c
$C2/m$	3	1, $\bar{1}$, 2 [110], m [110]	$1/3(-\mathbf{a}+\mathbf{b}-2\mathbf{c})$, $-\mathbf{a}-\mathbf{b}$, c
		1, $\bar{1}$, 2 [100], m [100]	$1/3(-\mathbf{a}-2\mathbf{b}-2\mathbf{c})$, a, c

$$1, \bar{1}, 2 [010], m [010]$$

$$1/3(2\mathbf{a}+\mathbf{b}-2\mathbf{c}), \mathbf{b}, \mathbf{c}$$

Supposed that the set of all two-fold rotations and inversions are suppressed, the subgroup should belong to the space group $R3m$. Similarly, another two subgroups, $R32, R\bar{3}$, in trigonal can be obtained with a t -index of 2. They have a common subgroup $R\bar{3}$ with a t -index of 4 because of they all have the operations 1, 3^+ , and 3^- . If the characteristic threefold rotations in the trigonal phase are suppressed, three conjugate subgroups (Supplementary Table 10) in monoclinic with a t -index of 3 can be reached. It should have added concern that conjugated subgroups, whose space groups are identical, can be mapped onto one another by a symmetry operation of the starting group, *i.e.* they possess the same unit-cell size and the same shape as the conventional cell.

Klassengleiche maximal subgroups. A subgroup $H < G$ of a space group G is called a k -subgroup if the crystal class of H is not changed, but the order of the translation group is reduced. Symmetry reduction in the translation group enlarged the primitive cell of the subgroups in several ways as mentioned below.

k -subgroups are further classified into three types according to the origin of the symmetry reduction in the translation group. Three types of k -subgroups of $R\bar{3}m$ (no.166) are listed in Table S3 as an example.

Supplementary Table 11. Three types of k -subgroups and corresponding transformation mechanisms.

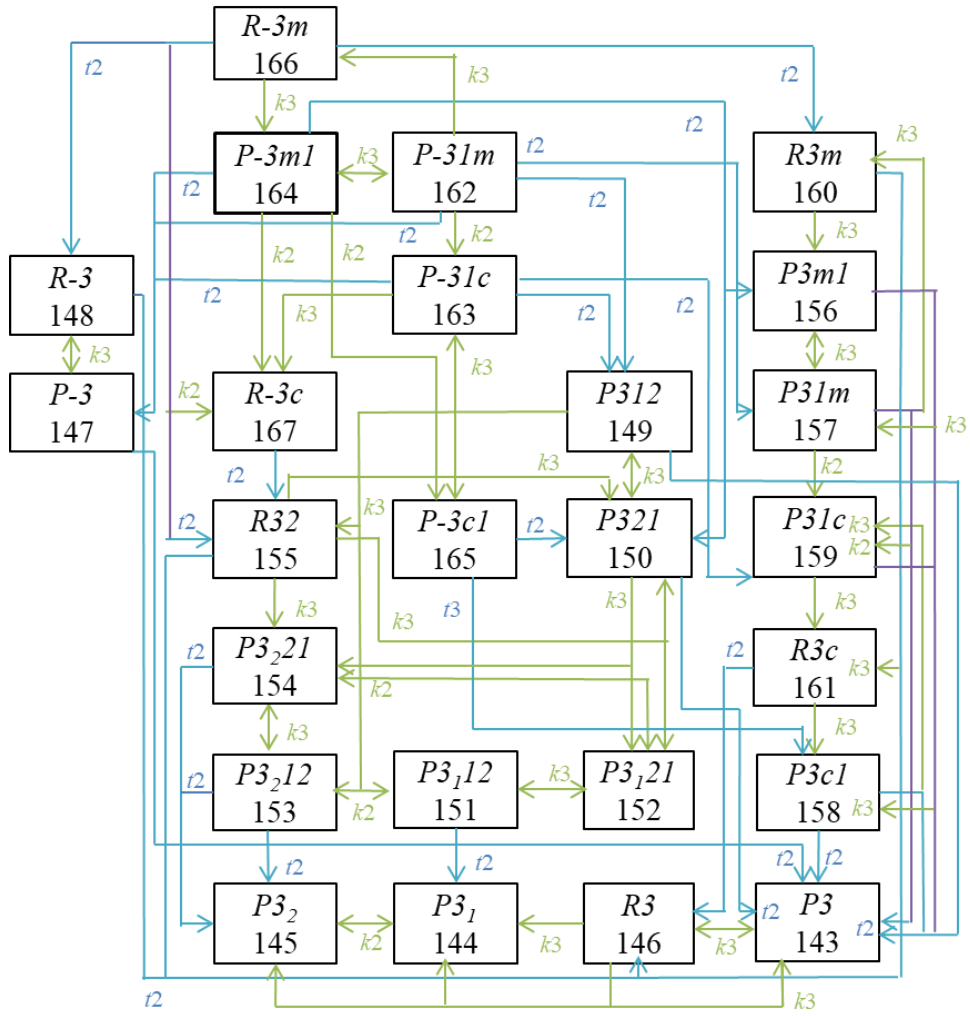
Type	space group	k -index	Lattice transformation	original shift
(1) Loss of centering translation	$P\bar{3}m$ (164)	3	$\mathbf{a}, \mathbf{b}, \mathbf{c}$	0, 0, 0
		3	$\mathbf{a}, \mathbf{b}, \mathbf{c}$	1/3, 2/3, 2/3
		3	$\mathbf{a}, \mathbf{b}, \mathbf{c}$	2/3, 1/3, 1/3
(2) Non-isomorphic	$R\bar{3}c$ (167)	2	$\mathbf{a}+\mathbf{b}, -\mathbf{a}, 2\mathbf{c}$	0, 0, 0
		2	$-\mathbf{a}, -\mathbf{b}, 2\mathbf{c}$	0, 0, 1/2
(3) Isomorphic	$R\bar{3}m$ (166)	p	$-\mathbf{b}, \mathbf{a}+\mathbf{b}, p\mathbf{c}$	0, 0, u
		p	$\mathbf{a}, \mathbf{b}, p\mathbf{c}$	0, 0, u
		p^2	$p\mathbf{a}, p\mathbf{b}, \mathbf{c}$	$u, v, 0$

(1) Loss of centering translations. The subgroup of this type appears for space groups with A , B , C , F , I , or R -centered lattice, because they may fully or partly lose their centering translations within the same conventional unit cell. The k -index has a maximum value of 4 in the case of F lattice to P lattice. As for $R\bar{3}m$, the translation lattice with hexagonal axes is an R -centered lattice. Only the $P\bar{3}m$ is available with a k -index of 3, where another two centering translations, *i.e.* $\pm(\frac{2}{3}, \frac{1}{3}, \frac{1}{3})$ is lost. The arrangement of atoms in conjugate subgroups will not be changed.

(2) *Non-isomorphic* with enlarged unit cell. Compared with G , subgroups in this column belong to different crystallographic space-group types and have the enlarged conventional unit cells concerning the original space group. *Non-isomorphic* subgroup is induced by replacement of existing symmetry operation, such as replacing rotation axis by screw axis, replacing mirror plane by a glide plane, *etc.* In the case of $R\bar{3}m$, the $R\bar{3}c$ is a *non-isomorphic* subgroup that is obtained by replacing the m plane by c glide plane with doubled basis vector c .

(3) *Isomorphic*. *Isomorphic* subgroup, which enlarges the unit cell while keeping the space group of the parent structure unchanged (such as the transformation of LiCoO_2 to $\text{Li}_{0.875}\text{CoO}_2$) is a special category of *klassengleiche* subgroups since their numbers are infinite, thus, an upper limit of k is necessary, which determine the supercell size. The k -index are prime numbers; squares of prime numbers may occur in the case of trigonal, tetragonal, hexagonal space groups and cubes of prime numbers may occur in cubic space groups.

Group-subgroup transformation paths. By traversing the maximal t -subgroups and k -subgroups step by step as explained above, subgroup structures are organized. We illustrate all the trigonal subgroups of LiCoO_2 with parent space group $R\bar{3}m$ in Supplementary Figure 5.



Supplementary Figure 5. Trigonal subgroups of LiCoO_2 with parent space group $R\bar{3}m$. Blue and green lines connect t -subgroup and k -subgroup, respectively. Overlaps of them are colored in purple.

2.2 Obtaining Subgroup Structures by Bilbao Crystallographic Server

(a) Please, enter the sequential number of group as given in *International Tables for Crystallography, Vol. A*: choose 166
Enter the k-index: 4
Optional: Only subgroups with the chosen k-index ☐
Optional: Only subgroups with point group
Optional: Only subgroups with crystal system
Optional: Only subgroups with centering
Optional: Choose subgroups

(b) **t-subgroups of space group $R\bar{3}m$ (166)**

N	HM Symbol	ITA	index	t-index	k-index	More info
1	$R\bar{3}m$	160	2	2	1	show...
2	$R\bar{3}2$	155	2	2	1	show...
3	$R\bar{3}$	148	2	2	1	show...
4	$R\bar{3}$	146	4	4	1	show...
5	$C2/m$	012	3	3	1	show...
6	Cm	008	6	6	1	show...
7	$C2$	005	6	6	1	show...
8	$P\bar{1}$	002	6	6	1	show...
9	$P\bar{1}$	001	12	12	1	show...

k-subgroups of space group $R\bar{3}m$ (166)

N	HM Symbol	ITA	index	t-index	k-index	More info
1	$R\bar{3}c$	167	2	1	2	show...
2	$R\bar{3}c$	167	4	1	4	show...
3	$R\bar{3}m$	166	2	1	2	show...
4	$R\bar{3}m$	166	4	1	4	show...
5	$P\bar{3}m1$	164	3	1	3	show...

General type subgroups of space group $R\bar{3}m$ (166)

N	HM Symbol	ITA	index	t-index	k-index	More info
1	$R\bar{3}c$	161	4	2	2	show...
2	$R\bar{3}c$	161	8	2	4	show...
3	$R\bar{3}m$	160	4	2	2	show...
4	$R\bar{3}m$	160	8	2	4	show...

(c)

Check	Chain [indices]	Chain with HM symbols	Transformation	Identical
☒	166 166 160 [4 2]	$R\bar{3}m > R\bar{3}m > R\bar{3}m$	$\begin{pmatrix} 0 & 2 & 0 & 0 \\ -2 & 2 & 0 & 0 \\ 0 & 0 & 1 & 0 \end{pmatrix}$	to group 1

(d) **Transform Structure**

Structure

```

166
2.8156 2.8156 14.0542 90. 90. 120.
3
Li 1      3a 0.000000 0.000000 0.000000
Co 1      3b 0.000000 0.000000 0.500000
O 1       6c 0.000000 0.000000 0.239680
  
```

Low symmetry Space Group ITA number:

Transformation Matrix:

In matrix form:

Linear part			Origin Shift
0	1	0	0
-1	1	0	0
0	0	2	0

(e) **High symmetry structure**

```

166
2.8156 2.8156 14.0542 90. 90. 120.
3
Li 1      3a 0.000000 0.000000 0.000000
Co 1      3b 0.000000 0.000000 0.500000
O 1       6c 0.000000 0.000000 0.239680
  
```

Low symmetry structure

```

160
2.815600 2.815600 28.1084 90 90 120
8
Li 1      3a 0.000000 0.000000 0.000000
Li 1_2    3a 0.333333 0.666667 0.166667
Co 1      3a 0.000000 0.000000 0.250000
Co 1_2    3a 0.000000 0.000000 0.750000
O 1       3a 0.000000 0.000000 0.119840
O 1_2     3a 0.000000 0.000000 0.880160
O 1_3     3a 0.333333 0.666667 0.286507
O 1_4     3a 0.333333 0.666667 0.046827
  
```

Supplementary Figure 6. An illustration of the processes that subgroup structures are obtained by Bilbao Crystallographic Server. (a) specifying parent space group, k -index, and crystal system in CELLSUB submodule. (b) all subgroups of the parent space group within certain k -index and crystal system will be listed by clicking “Show subgroups”. (c) the transformation matrix is obtained by clicking “show” for each subgroup (d) to obtain each subgroup structure in TRANSTRU submodule, transformation matrix obtained in the last step, and parent structural parameters are needed as inputs (e) structural parameters of subgroup structure (Low symmetry structure) can be obtained by clicking “Show” in the panel of the last step.

2.3 Parameters of First-principles calculations

The density functional theory calculations are carried out using the Vienna *ab-initio* simulation package (VASP).^{4,5} The interactions between core ion and valence electron are described by the projector augmented wave (PAW) method.⁶ The generalized gradient approximation (GGA) expressed by the PBE functional^[7] and a 400 eV cutoff energy for the plane-wave basis set are used in all computations. The first Brillouin zone is sampled with a Monkhorst-Pack special k -point mesh. The lattice parameters and the atomic position are fully relaxed, and the final Hellmann-Feynman forces on all relaxed atoms are less than 0.01 eV/Å. The van der Waals (vdW) interaction is included for Li_xCoO_2 and Li_xC_6 by the PBE + D2 method with the Grimme vdW correction.⁸ The U value of Co is chosen to be 3.3 eV. Note that such a value is determined by fitting the oxidation energies of transition metal oxides between different oxidation states and has been validated in several previous works.^{9,10}

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Supplementary Table 12. Nonidentical ordered phase of LiCoO₂. The first column represents the stacking of host atoms. The second column represents the POSCAR filename for each ordered phase (available in repository: <https://github.com/shuhebing/gso>). The third column represents that identical arrangements are classified to the same sort

Stacking_of_CoO2	Filename	Identical_ group_ number
O3-Stacking	POSCAR_010t3k2_01_1a1e_0001_1ao	0
O3-Stacking	POSCAR_010t3k6_03_2i2k1f1a_0007_2io1ar	0
O3-Stacking	POSCAR_010t3k6_05_2m1a2n1f_0009_2nq1fr	0
O3-Stacking	POSCAR_012t3k4_11_4e2b2a_0004_2bp2aq	0
O3-Stacking	POSCAR_012t3k8_05_2a4e2b_0003_4ep	0
O3-Stacking	POSCAR_012t3k4_01_4i4h_0001_4io	0
O3-Stacking	POSCAR_012t3k4_04_4i4f_0002_4fp	0
O3-Stacking	POSCAR_012t3k4_05_2a4f2b_0003_4fp	0
O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0025_2mo2mt	0
O3-Stacking	POSCAR_012t3k4_01_4i4h_0002_4hp	0
O3-Stacking	POSCAR_010t3k8_16_2m2n2n1c1a_0016_2mo1cr1as	0
O3-Stacking	POSCAR_010t3k8_06_2m2m2n2n_0010_2nq2nr	0
O3-Stacking	POSCAR_012t3k4_04_4i4f_0001_4io	0
O3-Stacking	POSCAR_010t3k6_02_2m2n1a1h_0006_2mo1aq	0
O3-Stacking	POSCAR_010t3k6_01_2m2n1e1a_0007_2mo1ar	0
O3-Stacking	POSCAR_012t3k8_05_2a4e2b_0004_2ao2bq	0
O3-Stacking	POSCAR_010t3k8_01_2m2n2n2m_0008_2np2nq	0
O3-Stacking	POSCAR_010t3k8_05_2i1c1f1h1g2j_0038_1cp1fq1hr1gs	0
O3-Stacking	POSCAR_010t3k8_15_2m2m1e2n1h_0013_2mo2mp	0
O3-Stacking	POSCAR_012t3k4_03_2a4h2b_0004_2ao2bq	0
O3-Stacking	POSCAR_010t3k8_12_4o1g1b1h1a_0015_4oo	0
O3-Stacking	POSCAR_010t3k6_03_2i2k1f1a_0008_2kp1fq	0
O3-Stacking	POSCAR_010t3k8_17_2i2j2j1b1a_0015_2jp2jq	0
O3-Stacking	POSCAR_010t3k8_11_2m2n2n1g1c_0015_2np2nq	0
O3-Stacking	POSCAR_010t3k8_17_2i2j2j1b1a_0016_2io1br1as	0
O3-Stacking	POSCAR_010t3k8_03_2i2j2m2n_0010_2mq2nr	0
O3-Stacking	POSCAR_010t3k4_03_2m2n_0002_2np	0
O3-Stacking	POSCAR_010t3k8_16_2m2n2n1c1a_0015_2np2nq	0
O3-Stacking	POSCAR_010t3k4_03_2m2n_0001_2mo	0
O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0038_1ep1bq1fr1hs	0

O3-Stacking	POSCAR_010t3k8_13_2m4o2n_0003_4op	0
O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0032_2np1hq1br	0
O3-Stacking	POSCAR_010t3k4_05_2m1e1h_0004_1ep1hq	0
O3-Stacking	POSCAR_010t3k8_06_2m2m2n2n_0005_2mo2mp	0
O3-Stacking	POSCAR_010t3k6_01_2m2n1e1a_0008_2np1eq	0
O3-Stacking	POSCAR_010t3k6_02_2m2n1a1h_0009_2np1hr	0
O3-Stacking	POSCAR_010t3k8_14_2i2j2m2n_0010_2mq2nr	0
O3-Stacking	POSCAR_012t3k8_08_4i4g_0001_4io	0
O3-Stacking	POSCAR_012t3k8_02_2a4h2b_0003_4hp	0
O3-Stacking	POSCAR_010t3k4_01_2i1g1h_0004_1gp1hq	0
O3-Stacking	POSCAR_010t3k8_02_1a4o1h1g1b_0016_1ao1hq1gr1bs	0
O3-Stacking	POSCAR_010t3k8_02_1a4o1h1g1b_0015_4op	0
O3-Stacking	POSCAR_012t3k4_09_4i4g_0001_4io	0
O3-Stacking	POSCAR_010t3k2_01_1a1e_0002_1ep	0
O3-Stacking	POSCAR_010t3k8_09_2m2m2n1b1f_0018_2nq1br1fs	0
O3-Stacking	POSCAR_010t3k8_07_2m2n2m2n_0009_2np2nr	0
O3-Stacking	POSCAR_012t3k4_05_2a4f2b_0004_2ao2bq	0
O3-Stacking	POSCAR_012t3k4_09_4i4g_0002_4gp	0
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0037_2nq1fs1bt	0
O3-Stacking	POSCAR_010t3k4_04_2m1f1b_0004_1fp1bq	0
O3-Stacking	POSCAR_010t3k8_07_2m2n2m2n_0006_2mo2mq	0
O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0031_2mo1ds1ct	0
O3-Stacking	POSCAR_012t3k8_06_4e2c2d_0003_4eo	0
O3-Stacking	POSCAR_010t3k4_02_1a1d1h1f_0010_1hq1fr	0
O3-Stacking	POSCAR_010t3k6_04_2m1e2n1a_0007_2mo1ar	0
O3-Stacking	POSCAR_010t3k8_05_2i1c1f1h1g2j_0025_2io2jt	0
O3-Stacking	POSCAR_010t3k8_15_2m2m1e2n1h_0018_1eq2nr1hs	0
O3-Stacking	POSCAR_010t3k8_14_2i2j2m2n_0005_2io2jp	0
O3-Stacking	POSCAR_012t3k8_08_4i4g_0002_4gp	0
O3-Stacking	POSCAR_010t3k6_04_2m1e2n1a_0008_1ep2nq	0
O3-Stacking	POSCAR_010t3k8_03_2i2j2m2n_0005_2io2jp	0
O3-Stacking	POSCAR_012t3k8_02_2a4h2b_0004_2ao2bq	0
O3-Stacking	POSCAR_010t3k8_12_4o1g1b1h1a_0016_1gp1bq1hr1as	0
O3-Stacking	POSCAR_012t3k4_03_2a4h2b_0003_4hp	0
O3-Stacking	POSCAR_010t3k8_13_2m4o2n_0004_2mo2nq	0
O3-Stacking	POSCAR_010t3k8_11_2m2n2n1g1c_0016_2mo1gr1cs	0
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0026_2mo1gp1dr	0
O3-Stacking	POSCAR_010t3k8_09_2m2m2n1b1f_0013_2mo2mp	0
O3-Stacking	POSCAR_010t3k4_01_2i1g1h_0003_2io	0
O3-Stacking	POSCAR_010t3k4_05_2m1e1h_0003_2mo	0
O3-Stacking	POSCAR_012t3k8_06_4e2c2d_0004_2cp2dq	0
O3-Stacking	POSCAR_010t3k6_05_2m1a2n1f_0006_2mo1ap	0
O3-Stacking	POSCAR_010t3k4_02_1a1d1h1f_0005_1ao1dp	0

O3-Stacking	POSCAR_010t3k8_01_2m2n2n2m_0007_2mo2mr	0
O3-Stacking	POSCAR_010t3k4_04_2m1f1b_0003_2mo	0
O3-Stacking	POSCAR_012t3k4_11_4e2b2a_0003_4eo	0
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0163_3ao3ap3aq3ar3	1
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0216_3aq3ar3at3au3	1
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0217_3aq3as3at3au3	1
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0217_3aq3as3at3au3	1
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0187_3ao3aq3ar3at3	1
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0212_3ap3as3at3au3	1
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0174_3ao3ap3ar3as3	1
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0209_3ap3ar3as3at3a	1
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0172_3ao3ap3aq3au3	1
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0201_3ap3aq3ar3at3	1
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0191_3ao3aq3as3au3	1
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0170_3ao3ap3aq3at3	1
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0195_3ao3ar3as3au3	1
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0191_3ao3aq3as3au3	1
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0187_3ao3aq3ar3at3	1
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0198_3ap3aq3ar3as3	1
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0166_3ao3ap3aq3ar3	1
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0198_3ap3aq3ar3as3	1
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0201_3ap3aq3ar3at3	1
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0194_3ao3ar3as3at3a	1
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0195_3ao3ar3as3au3	1
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0163_3ao3ap3aq3ar3	1
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0194_3ao3ar3as3at3a	1
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0212_3ap3as3at3au3	1
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0179_3ao3ap3as3at3	1
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0179_3ao3ap3as3at3	1
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0209_3ap3ar3as3at3a	1
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0216_3aq3ar3at3au3	1
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0166_3ao3ap3aq3ar3	1
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0170_3ao3ap3aq3at3	1
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0174_3ao3ap3ar3as3	1
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0172_3ao3ap3aq3au3	1
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0101_3ao3ap3ar3av	2
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0123_3ao3ar3au3av	2
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0147_3ap3at3au3av	2
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0102_3ao3ap3as3at	2
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0141_3ap3ar3at3au	2
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0154_3aq3as3at3au	2
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0137_3ap3aq3au3av	2
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0139_3ap3ar3as3au	2

O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0153_3aq3ar3au3av	2
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0153_3aq3ar3au3av	2
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0118_3ao3ar3as3at	2
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0139_3ap3ar3as3au	2
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0132_3ap3aq3as3at	2
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0132_3ap3aq3as3at	2
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0108_3ao3aq3ar3as	2
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0137_3ap3aq3au3av	2
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0115_3ao3aq3at3au	2
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0154_3aq3as3at3au	2
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0114_3ao3aq3as3av	2
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0116_3ao3aq3at3av	2
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0123_3ao3ar3au3av	2
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0147_3ap3at3au3av	2
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0116_3ao3aq3at3av	2
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0108_3ao3aq3ar3as	2
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0102_3ao3ap3as3at	2
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0101_3ao3ap3ar3av	2
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0141_3ap3ar3at3au	2
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0118_3ao3ar3as3at	2
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0140_3ap3ar3as3av	2
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0114_3ao3aq3as3av	2
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0140_3ap3ar3as3av	2
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0115_3ao3aq3at3au	2
O3-Stacking	POSCAR_010t3k6_02_2m2n1a1h_0005_1aq1hr	3
O3-Stacking	POSCAR_012t3k6_05_4i4i4i_0002_4ip	3
O3-Stacking	POSCAR_165t1k6_02_4d2b_0001_2bp	3
O3-Stacking	POSCAR_012t3k6_17_4i4i4i_0001_4io	3
O3-Stacking	POSCAR_143t4k3_01_1c1b1a_0001_1co	3
O3-Stacking	POSCAR_012t3k3_03_4i2a_0001_2ap	3
O3-Stacking	POSCAR_143t4k3_01_1c1b1a_0003_1aq	3
O3-Stacking	POSCAR_143t4k3_01_1c1b1a_0002_1bp	3
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0014_1bp1bs	3
O3-Stacking	POSCAR_147t2k6_01_2c2d2d_0001_2co	3
O3-Stacking	POSCAR_156t2k3_01_1a1c1b_0003_1bq	3
O3-Stacking	POSCAR_150t2k6_01_2c2d2d_0001_2co	3
O3-Stacking	POSCAR_147t2k6_02_2d2d1a1b_0005_1aq1br	3
O3-Stacking	POSCAR_156t2k3_01_1a1c1b_0001_1ao	3
O3-Stacking	POSCAR_158t2k6_01_2b2c2a_0002_2cp	3
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0018_1aq1at	3
O3-Stacking	POSCAR_165t1k6_01_4d2a_0001_2ap	3
O3-Stacking	POSCAR_147t2k3_01_1a2d_0001_1ao	3
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0009_1co1cr	3

O3-Stacking	POSCAR_164t1k6_01_2d2c2d_0002_2cp	3
O3-Stacking	POSCAR_150t2k3_01_2d1a_0001_1ap	3
O3-Stacking	POSCAR_156t2k3_01_1a1c1b_0002_1cp	3
O3-Stacking	POSCAR_164t1k6_02_1a2d2d1b_0005_1ao1br	3
O3-Stacking	POSCAR_164t1k3_01_1a2d_0001_1ao	3
O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0009_1ao1ar	3
O3-Stacking	POSCAR_150t2k6_02_2d2d1b1a_0005_1bq1ar	3
O3-Stacking	POSCAR_012t3k6_03_4i4i2a2d_0005_2aq2dr	3
O3-Stacking	POSCAR_158t2k6_01_2b2c2a_0003_2aq	3
O3-Stacking	POSCAR_158t2k6_01_2b2c2a_0001_2bo	3
O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0018_1bq1bt	3
O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0014_1cp1cs	3
O3-Stacking	POSCAR_012t3k6_13_4i4i2a2c_0005_2aq2cr	3
O3-Stacking	POSCAR_012t3k6_13_4i4i2a2c_0003_4io	4
O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0013_1cp1ar	4
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0017_1aq1bs	4
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0015_1bp1at	4
O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0017_1bq1cs	4
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0008_1co1aq	4
O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0015_1cp1bt	4
O3-Stacking	POSCAR_164t1k6_02_1a2d2d1b_0003_2dp	4
O3-Stacking	POSCAR_147t2k6_02_2d2d1a1b_0003_2do	4
O3-Stacking	POSCAR_147t2k6_02_2d2d1a1b_0004_2dp	4
O3-Stacking	POSCAR_164t1k6_02_1a2d2d1b_0004_2dq	4
O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0008_1ao1bq	4
O3-Stacking	POSCAR_012t3k6_13_4i4i2a2c_0004_4ip	4
O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0010_1ao1cs	4
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0010_1co1bs	4
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0013_1bp1cr	4
O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0020_1ar1bt	4
O3-Stacking	POSCAR_150t2k6_02_2d2d1b1a_0004_2dp	4
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0020_1cr1at	4
O3-Stacking	POSCAR_150t2k6_02_2d2d1b1a_0003_2do	4
O3-Stacking	POSCAR_010t3k6_03_2i2k1f1a_0010_2io2kp	5
O3-Stacking	POSCAR_012t3k6_12_8j4i_0002_8jo	5
O3-Stacking	POSCAR_012t3k6_11_2a4g4h2c_0010_4gp4hq	5
O3-Stacking	POSCAR_012t3k6_14_8j4i_0002_8jo	5
O3-Stacking	POSCAR_012t3k6_18_4g4h2a2c_0010_4go4hp	5
O3-Stacking	POSCAR_012t3k3_04_4g2a_0002_4go	5
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0047_3ao3aq3av	6
O3-Stacking	POSCAR_166t1k8_03_6c3a6c6c3b_0008_6co3bs	6
O3-Stacking	POSCAR_166t1k8_03_6c3a6c6c3b_0010_3ap6cr	6
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0070_3ap3at3au	6

O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0063_3ap3ar3as	6
O3-Stacking	POSCAR_148t2k8_02_6c3a6c6c3b_0008_6co3bs	6
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0082_3aq3au3av	6
O3-Stacking	POSCAR_148t2k8_02_6c3a6c6c3b_0010_3ap6cr	6
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0051_3ao3ar3av	6
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0047_3ao3aq3av	6
O3-Stacking	POSCAR_155t2k8_04_6c3a6c6c3b_0010_3ap6cr	6
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0051_3ao3ar3av	6
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0082_3aq3au3av	6
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0080_3aq3at3au	6
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0080_3aq3at3au	6
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0063_3ap3ar3as	6
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O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0067_3ap3as3at	6
O3-Stacking	POSCAR_155t2k8_04_6c3a6c6c3b_0008_6co3bs	6
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0048_3ao3ar3as	6
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0048_3ao3ar3as	6
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0070_3ap3at3au	6
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0098_3ao3ap3ar3as	7
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0144_3ap3as3at3au	7
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0098_3ao3ap3ar3as	7
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0111_3ao3aq3ar3av	7
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0120_3ao3ar3as3av	7
O3-Stacking	POSCAR_155t2k8_02_6c6c6c6c_0006_6co6cq	7
O3-Stacking	POSCAR_148t2k8_04_6c6c6c6c_0006_6co6cq	7
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0135_3ap3aq3at3au	7
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0120_3ao3ar3as3av	7
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0157_3aq3at3au3av	7
O3-Stacking	POSCAR_166t1k8_04_6c6c6c6c_0006_6co6cq	7
O3-Stacking	POSCAR_148t2k8_04_6c6c6c6c_0009_6cp6cr	7
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0117_3ao3aq3au3av	7
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0135_3ap3aq3at3au	7
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0157_3aq3at3au3av	7
O3-Stacking	POSCAR_166t1k8_04_6c6c6c6c_0009_6cp6cr	7
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0111_3ao3aq3ar3av	7
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0138_3ap3ar3as3at	7
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0117_3ao3aq3au3av	7
O3-Stacking	POSCAR_155t2k8_02_6c6c6c6c_0009_6cp6cr	7
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0144_3ap3as3at3au	7
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0138_3ap3ar3as3at	7
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0009_3ao3ap	8
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0028_3ar3at	8
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0032_3as3au	8

O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0014_3ao3au	8
O3-Stacking	POSCAR_148t2k8_04_6c6c6c6c_0004_6cr	8
O3-Stacking	POSCAR_155t2k8_02_6c6c6c6c_0003_6cq	8
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0016_3ap3aq	8
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0022_3aq3ar	8
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0032_3as3au	8
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0033_3as3av	8
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0028_3ar3at	8
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0035_3at3av	8
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0016_3ap3aq	8
O3-Stacking	POSCAR_148t2k8_04_6c6c6c6c_0003_6cq	8
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0035_3at3av	8
O3-Stacking	POSCAR_155t2k8_02_6c6c6c6c_0004_6cr	8
O3-Stacking	POSCAR_166t1k8_04_6c6c6c6c_0004_6cr	8
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0014_3ao3au	8
O3-Stacking	POSCAR_166t1k8_04_6c6c6c6c_0001_6co	8
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0033_3as3av	8
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0009_3ao3ap	8
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0022_3aq3ar	8
O3-Stacking	POSCAR_010t3k4_02_1a1d1h1f_0006_1ao1hq	9
O3-Stacking	POSCAR_154t2k6_02_3a3b_0001_3ao	9
O3-Stacking	POSCAR_012t3k6_10_4i4i2a2c_0009_4ip2cr	9
O3-Stacking	POSCAR_012t3k6_02_2a2c4i4i_0006_2ao4iq	9
O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0026_2mo1hq1br	9
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0112_3ao3aq3as3at	9
O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0036_1cp1ar1bt	9
O3-Stacking	POSCAR_161t2k4_01_6a6a_0001_6ao	9
O3-Stacking	POSCAR_147t2k6_02_2d2d1a1b_0009_2dp1br	9
O3-Stacking	POSCAR_012t3k6_13_4i4i2a2c_0006_4io2aq	9
O3-Stacking	POSCAR_167t1k8_02_6a12c6b_0003_12cp	9
O3-Stacking	POSCAR_148t2k4_03_6c3b3a_0003_6co	9
O3-Stacking	POSCAR_166t1k8_03_6c3a6c6c3b_0017_3ap6cq3bs	9
O3-Stacking	POSCAR_010t3k8_05_2i1c1f1h1g2j_0032_1cp1fq2jt	9
O3-Stacking	POSCAR_146t4k4_02_3a3a3a3a_0009_3ap3ar	9
O3-Stacking	POSCAR_148t2k2_01_3a3b_0001_3ao	9
O3-Stacking	POSCAR_012t3k6_13_4i4i2a2c_0009_4ip2cr	9
O3-Stacking	POSCAR_146t4k8_02_9b3a3a9b_0007_9bo3aq	9
O3-Stacking	POSCAR_144t4k6_01_3a3a_0002_3ap	9
O3-Stacking	POSCAR_155t2k8_01_9d3b3a9e_0007_9do3aq	9
O3-Stacking	POSCAR_148t2k2_01_3a3b_0002_3bp	9
O3-Stacking	POSCAR_012t3k4_08_2a4i2c_0003_4ip	9
O3-Stacking	POSCAR_166t1k8_02_9e9d3a3b_0009_9dp3br	9
O3-Stacking	POSCAR_145t4k6_01_3a3a_0002_3ap	9

O3-Stacking	POSCAR_012t3k2_01_2a2c_0001_2ao	9
O3-Stacking	POSCAR_148t2k8_02_6c3a6c6c3b_0014_6co6cr	9
O3-Stacking	POSCAR_146t4k4_02_3a3a3a3a_0006_3ao3aq	9
O3-Stacking	POSCAR_161t2k8_01_6a6a6a6a_0006_6ao6aq	9
O3-Stacking	POSCAR_166t1k2_01_3a3b_0002_3bp	9
O3-Stacking	POSCAR_012t3k6_18_4g4h2a2c_0006_4go2aq	9
O3-Stacking	POSCAR_160t2k8_01_9b3a3a9b_0007_9bo3aq	9
O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0027_1ao1bq1cs	9
O3-Stacking	POSCAR_155t2k2_01_3b3a_0001_3bo	9
O3-Stacking	POSCAR_012t3k4_08_2a4i2c_0004_2ao2cq	9
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0038_1gp1dr1fs1bt	9
O3-Stacking	POSCAR_155t2k8_01_9d3b3a9e_0008_3bp9er	9
O3-Stacking	POSCAR_160t2k8_01_9b3a3a9b_0008_3ap9br	9
O3-Stacking	POSCAR_012t3k6_02_2a2c4i4i_0009_2cp4ir	9
O3-Stacking	POSCAR_012t3k6_10_4i4i2a2c_0006_4io2aq	9
O3-Stacking	POSCAR_152t2k6_01_3a3b_0002_3bp	9
O3-Stacking	POSCAR_166t1k2_01_3a3b_0001_3ao	9
O3-Stacking	POSCAR_164t1k6_02_1a2d2d1b_0007_1ao2dq	9
O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0037_2np1ds1ct	9
O3-Stacking	POSCAR_150t2k6_02_2d2d1b1a_0006_2do1bq	9
O3-Stacking	POSCAR_155t2k2_01_3b3a_0002_3ap	9
O3-Stacking	POSCAR_012t3k2_01_2a2c_0002_2cp	9
O3-Stacking	POSCAR_160t2k2_01_3a3a_0001_3ao	9
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0143_3ap3ar3au3av	9
O3-Stacking	POSCAR_146t4k2_01_3a3a_0001_3ao	9
O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0032_1ep1bq2mt	9
O3-Stacking	POSCAR_150t2k6_02_2d2d1b1a_0009_2dp1ar	9
O3-Stacking	POSCAR_012t3k6_06_2a4i4i2d_0007_2ao4iq	9
O3-Stacking	POSCAR_155t2k8_04_6c3a6c6c3b_0017_3ap6cq3bs	9
O3-Stacking	POSCAR_155t2k4_02_6c3b3a_0003_6co	9
O3-Stacking	POSCAR_166t1k8_02_9e9d3a3b_0006_9eo3aq	9
O3-Stacking	POSCAR_167t1k4_02_6b6a_0002_6ap	9
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0143_3ap3ar3au3av	9
O3-Stacking	POSCAR_155t2k4_02_6c3b3a_0004_3bp3aq	9
O3-Stacking	POSCAR_010t3k4_02_1a1d1h1f_0009_1dp1fr	9
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0036_1bp1cr1at	9
O3-Stacking	POSCAR_166t1k4_03_3a6c3b_0004_3ao3bq	9
O3-Stacking	POSCAR_145t4k6_01_3a3a_0001_3ao	9
O3-Stacking	POSCAR_012t3k8_01_4i2d2a_0004_2dp2aq	9
O3-Stacking	POSCAR_010t3k8_05_2i1c1f1h1g2j_0031_2io1hr1gs	9
O3-Stacking	POSCAR_148t2k8_01_9e9d3b3a_0007_9eo3ar	9
O3-Stacking	POSCAR_160t2k2_01_3a3a_0002_3ap	9
O3-Stacking	POSCAR_148t2k8_02_6c3a6c6c3b_0017_3ap6cq3bs	9

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O3-Stacking	POSCAR_012t3k6_18_4g4h2a2c_0009_4hp2cr	9
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O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0031_2mo1fr1hs	9
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0027_1co1aq1bs	9
O3-Stacking	POSCAR_161t2k8_01_6a6a6a6a_0009_6ap6ar	9
O3-Stacking	POSCAR_160t2k4_01_3a3a3a3a_0006_3ao3aq	9
O3-Stacking	POSCAR_144t4k6_01_3a3a_0001_3ao	9
O3-Stacking	POSCAR_147t2k6_02_2d2d1a1b_0006_2do1aq	9
O3-Stacking	POSCAR_148t2k8_01_9e9d3b3a_0008_9dp3bq	9
O3-Stacking	POSCAR_146t4k2_01_3a3a_0002_3ap	9
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0025_2mo2nq	9
O3-Stacking	POSCAR_166t1k4_03_3a6c3b_0003_6cp	9
O3-Stacking	POSCAR_012t3k8_01_4i2d2a_0003_4io	9
O3-Stacking	POSCAR_154t2k6_02_3a3b_0002_3bp	9
O3-Stacking	POSCAR_012t3k4_02_4i2a2c_0004_2ap2cq	9
O3-Stacking	POSCAR_166t1k8_03_6c3a6c6c3b_0014_6co6cr	9
O3-Stacking	POSCAR_012t3k4_02_4i2a2c_0003_4io	9
O3-Stacking	POSCAR_167t1k8_02_6a12c6b_0004_6ao6bq	9
O3-Stacking	POSCAR_146t4k8_02_9b3a3a9b_0008_3ap9br	9
O3-Stacking	POSCAR_161t2k4_01_6a6a_0002_6ap	9
O3-Stacking	POSCAR_148t2k4_03_6c3b3a_0004_3bp3aq	9
O3-Stacking	POSCAR_152t2k6_01_3a3b_0001_3ao	9
O3-Stacking	POSCAR_012t3k6_06_2a4i4i2d_0008_4ip2dr	9
O3-Stacking	POSCAR_167t1k4_02_6b6a_0001_6bo	9
O3-Stacking	POSCAR_164t1k6_02_1a2d2d1b_0008_2dp1br	9
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O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a3a_0110_3ao3aq3ar3au	10
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O3-Stacking	POSCAR_166t1k8_03_6c3a6c6c3b_0015_6cq6cr	10
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a3a_0127_3ao3at3au3av	10
O3-Stacking	POSCAR_148t2k8_02_6c3a6c6c3b_0015_6cq6cr	10
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a3a_0104_3ao3ap3as3av	10
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O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a3a_0133_3ap3aq3as3au	10
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O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a3a_0136_3ap3aq3at3av	10
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O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a3a_0158_3ar3as3at3au	10
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O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a3a_0158_3ar3as3at3au	10

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O3-Stacking	POSCAR_155t2k8_04_6c3a6c6c3b_0013_6co6cq	10
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0133_3ap3aq3as3au	10
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O3-Stacking	POSCAR_150t2k6_01_2c2d2d_0004_2co2dp	11
O3-Stacking	POSCAR_147t2k6_01_2c2d2d_0005_2co2dq	11
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0042_1co1bp1aq1cr	11
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0047_1co1bp1bs1at	11
O3-Stacking	POSCAR_150t2k6_01_2c2d2d_0005_2co2dq	11
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O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0047_1ao1cp1cs1bt	11
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O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0051_1co1cr1bs1at	11
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O3-Stacking	POSCAR_147t2k6_01_2c2d2d_0004_2co2dp	11
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O3-Stacking	POSCAR_012t3k6_05_4i4i4i_0006_4ip4iq	11
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0044_1co1bp1aq1at	11
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0052_1bp1aq1cr1bs	11
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O3-Stacking	POSCAR_010t3k8_02_1a4o1h1g1b_0003_1gr	12
O3-Stacking	POSCAR_010t3k8_02_1a4o1h1g1b_0004_1bs	12
O3-Stacking	POSCAR_010t3k8_02_1a4o1h1g1b_0002_1hq	12
O3-Stacking	POSCAR_010t3k8_12_4o1g1b1h1a_0011_1gp1bq1hr	13
O3-Stacking	POSCAR_010t3k8_12_4o1g1b1h1a_0014_1bq1hr1as	13
O3-Stacking	POSCAR_010t3k8_12_4o1g1b1h1a_0013_1gp1hr1as	13
O3-Stacking	POSCAR_010t3k8_12_4o1g1b1h1a_0012_1gp1bq1as	13
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0001_3ao	14
O3-Stacking	POSCAR_166t1k7_01_6c3a6c6c_0001_3ap	14
O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0007_3au	14
O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0001_3ao	14
O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0004_3ar	14
O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0003_3aq	14
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0007_3au	14
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0006_3at	14
O3-Stacking	POSCAR_155t2k7_01_6c6c6c3a_0001_3ar	14

O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0005_3as	14
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0003_3aq	14
O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0006_3at	14
O3-Stacking	POSCAR_148t2k7_01_3a6c6c6c_0001_3ao	14
O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0002_3ap	14
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0002_3ap	14
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O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0004_3ar	14
O3-Stacking	POSCAR_146t4k4_02_3a3a3a3a_0005_3ao3ap	15
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O3-Stacking	POSCAR_160t2k4_01_3a3a3a3a_0005_3ao3ap	15
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O3-Stacking	POSCAR_166t1k4_02_6c6c_0001_6co	15
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O3-Stacking	POSCAR_161t2k8_01_6a6a6a6a_0007_6ao6ar	15
O3-Stacking	POSCAR_146t4k4_02_3a3a3a3a_0008_3ap3aq	15
O3-Stacking	POSCAR_148t2k8_04_6c6c6c6c_0005_6co6cp	15
O3-Stacking	POSCAR_146t4k4_02_3a3a3a3a_0007_3ao3ar	15
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O3-Stacking	POSCAR_148t2k8_04_6c6c6c6c_0010_6cq6cr	15
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O3-Stacking	POSCAR_166t1k8_04_6c6c6c6c_0008_6cp6cq	15
O3-Stacking	POSCAR_146t4k4_02_3a3a3a3a_0010_3aq3ar	15
O3-Stacking	POSCAR_161t2k8_01_6a6a6a6a_0010_6aq6ar	15
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O3-Stacking	POSCAR_010t3k8_11_2m2n2n1g1c_0003_2mo	16
O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0009_1ep1hs	16
O3-Stacking	POSCAR_010t3k8_03_2i2j2m2n_0002_2jp	16
O3-Stacking	POSCAR_010t3k8_02_1a4o1h1g1b_0008_1hq1gr	16
O3-Stacking	POSCAR_010t3k4_05_2m1e1h_0002_1hq	16
O3-Stacking	POSCAR_010t3k8_06_2m2m2n2n_0003_2nq	16
O3-Stacking	POSCAR_010t3k8_02_1a4o1h1g1b_0007_1ao1bs	16
O3-Stacking	POSCAR_010t3k8_09_2m2m2n1b1f_0006_1br1fs	16
O3-Stacking	POSCAR_010t3k8_03_2i2j2m2n_0001_2io	16
O3-Stacking	POSCAR_010t3k8_06_2m2m2n2n_0004_2nr	16
O3-Stacking	POSCAR_010t3k8_11_2m2n2n1g1c_0006_1gr1cs	16
O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0010_1bq1fr	16
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O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0071_3ap3at3av	17
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O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0042_3ao3ap3av	17
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O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0059_3ap3aq3as	17
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O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0079_3aq3as3av	17
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0055_3ao3at3au	17
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0049_3ao3ar3at	17
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0084_3ar3as3au	17
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0040_3ao3ap3at	17
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0050_3ao3ar3au	17
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0069_3ap3as3av	17
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0086_3ar3at3au	17
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0062_3ap3aq3av	17
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O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0078_3aq3as3au	17
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O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0062_3ap3aq3av	17
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O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0073_3aq3ar3as	17

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O3-Stacking	POSCAR_012t3k6_05_4i4i4i_0001_4io	18
O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0021_1cs1bt	18
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0012_1bp1aq	18
O3-Stacking	POSCAR_147t2k6_01_2c2d2d_0003_2dq	18
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0021_1bs1at	18
O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0012_1cp1bq	18
O3-Stacking	POSCAR_164t1k6_01_2d2c2d_0003_2dq	18
O3-Stacking	POSCAR_150t2k6_01_2c2d2d_0002_2dp	18
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0007_1co1bp	18
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0011_1co1at	18
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0016_1aq1cr	18
O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0011_1ao1bt	18
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O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0007_1ao1cp	18
O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0019_1ar1cs	18
O3-Stacking	POSCAR_164t1k6_01_2d2c2d_0001_2do	18
O3-Stacking	POSCAR_150t2k6_01_2c2d2d_0003_2dq	18
O3-Stacking	POSCAR_012t3k6_05_4i4i4i_0003_4iq	18
O3-Stacking	POSCAR_147t2k6_01_2c2d2d_0002_2dp	18
O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0016_1bq1ar	18
O3-Stacking	POSCAR_146t4k4_01_9b3a_0001_3ap	19
O3-Stacking	POSCAR_166t1k4_01_9e3a_0001_3ap	19
O3-Stacking	POSCAR_148t2k8_01_9e9d3b3a_0003_3bq3ar	19
O3-Stacking	POSCAR_160t2k4_02_9b3a_0001_3ap	19
O3-Stacking	POSCAR_155t2k8_03_18f6c_0001_6cp	19
O3-Stacking	POSCAR_166t1k8_02_9e9d3a3b_0003_3aq3br	19
O3-Stacking	POSCAR_155t2k4_01_9d3a_0001_3ap	19
O3-Stacking	POSCAR_161t2k8_02_18b6a_0001_6ap	19
O3-Stacking	POSCAR_161t2k8_02_6a18b_0001_6ao	19
O3-Stacking	POSCAR_148t2k8_03_6c18f_0001_6co	19
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O3-Stacking	POSCAR_155t2k8_01_9d3b3a9e_0003_3bp3aq	19
O3-Stacking	POSCAR_148t2k4_01_9e3a_0001_3ap	19
O3-Stacking	POSCAR_167t1k8_01_18e6a_0001_6ap	19
O3-Stacking	POSCAR_167t1k8_03_18d6b_0001_6bp	19
O3-Stacking	POSCAR_166t1k8_01_18h6c_0001_6cp	19
O3-Stacking	POSCAR_160t2k8_01_9b3a3a9b_0003_3ap3aq	19
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O3-Stacking	POSCAR_010t3k8_06_2m2m2n2n_0002_2mp	20

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O3-Stacking	POSCAR_010t3k8_16_2m2n2n1c1a_0006_1cr1as	20
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O3-Stacking	POSCAR_010t3k8_15_2m2m1e2n1h_0005_2nr	20
O3-Stacking	POSCAR_010t3k8_12_4o1g1b1h1a_0006_1gp1hr	20
O3-Stacking	POSCAR_010t3k8_06_2m2m2n2n_0001_2mo	20
O3-Stacking	POSCAR_010t3k8_15_2m2m1e2n1h_0006_1eq1hs	20
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O3-Stacking	POSCAR_010t3k8_16_2m2n2n1c1a_0003_2mo	20
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O3-Stacking	POSCAR_010t3k8_11_2m2n2n1g1c_0008_2mo1cs	21
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O3-Stacking	POSCAR_012t3k6_01_4i2a4i2c_0004_4iq	22
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0059_2mo1gp2nq1dr1fs	23
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0062_2mo2nq1dr1fs1bt	23
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O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0060_2mo1gp2nq1dr1bt	23
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O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0062_1bp1aq1cr1bs1at	24
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O3-Stacking	POSCAR_147t2k6_02_2d2d1a1b_0014_2do2dp1br	24
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O3-Stacking	POSCAR_150t2k6_02_2d2d1b1a_0014_2do2dp1ar	24
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O3-Stacking	POSCAR_148t2k8_02_6c3a6c6c3b_0011_6cq3bs	26
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O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0162_3as3at3au3av	28
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O3-Stacking	POSCAR_148t2k8_04_6c6c6c6c_0007_6co6cr	28
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0126_3ao3as3au3av	28
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O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0126_3ao3as3au3av	28
O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0059_2mo1ep1bq1fr2mt	29
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O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0060_2mo1ep1bq1hs2mt	29
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0169_3ao3ap3aq3as3	30
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O3-Stacking	POSCAR_010t3k8_14_2i2j2m2n_0003_2mq	33
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O3-Stacking	POSCAR_010t3k8_13_2m4o2n_0002_2nq	33
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O3-Stacking	POSCAR_012t3k4_12_2a4i2d_0004_2ao2dq	35

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O3-Stacking	POSCAR_010t3k4_02_1a1d1h1f_0008_1dp1hq	35
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O3-Stacking	POSCAR_012t3k8_03_2a2d4i_0004_2ao2dp	35
O3-Stacking	POSCAR_012t3k6_03_4i4i2a2d_0006_4io2aq	35
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O3-Stacking	POSCAR_010t3k6_05_2m1a2n1f_0008_1ap2nq	37
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O3-Stacking	POSCAR_161t2k8_01_6a6a6a6a_0011_6ao6ap6aq	38
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O3-Stacking	POSCAR_166t1k8_03_6c3a6c6c3b_0025_6co6cq6cr	38
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O3-Stacking	POSCAR_166t1k7_01_6c3a6c6c_0002_6co	39
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O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0012_3ao3at	39
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O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0016_3ap3as	39
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O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0024_3ar3at	39
O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0027_3as3au	39
O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0015_3ap3ar	39
O3-Stacking	POSCAR_155t2k7_01_6c6c6c3a_0004_6cq	39
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0027_3as3au	39
O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0009_3ao3aq	39
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0022_3aq3au	39
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0024_3ar3at	39
O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0001_1hq	40
O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0003_1ds	40
O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0004_1ct	40
O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0002_1br	40
O3-Stacking	POSCAR_010t3k6_02_2m2n1a1h_0010_2mo2np	41
O3-Stacking	POSCAR_165t1k6_02_4d2b_0002_4do	41

O3-Stacking	POSCAR_143t4k3_01_1c1b1a_0006_1bp1aq	41
O3-Stacking	POSCAR_143t4k3_01_1c1b1a_0004_1co1bp	41
O3-Stacking	POSCAR_164t1k6_01_2d2c2d_0005_2do2dq	41
O3-Stacking	POSCAR_156t2k3_01_1a1c1b_0006_1cp1bq	41
O3-Stacking	POSCAR_150t2k6_01_2c2d2d_0006_2dp2dq	41
O3-Stacking	POSCAR_012t3k6_13_4i4i2a2c_0010_4io4ip	41
O3-Stacking	POSCAR_164t1k3_01_1a2d_0002_2dp	41
O3-Stacking	POSCAR_158t2k6_01_2b2c2a_0006_2cp2aq	41
O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0045_1ao1cp1ar1cs	41
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0049_1co1aq1cr1at	41
O3-Stacking	POSCAR_012t3k6_17_4i4i4i_0006_4ip4iq	41
O3-Stacking	POSCAR_150t2k3_01_2d1a_0002_2do	41
O3-Stacking	POSCAR_156t2k3_01_1a1c1b_0004_1ao1cp	41
O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0054_1cp1bq1cs1bt	41
O3-Stacking	POSCAR_147t2k6_02_2d2d1a1b_0010_2do2dp	41
O3-Stacking	POSCAR_165t1k6_01_4d2a_0002_4do	41
O3-Stacking	POSCAR_012t3k3_03_4i2a_0002_4io	41
O3-Stacking	POSCAR_147t2k3_01_1a2d_0002_2dp	41
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0054_1bp1aq1bs1at	41
O3-Stacking	POSCAR_158t2k6_01_2b2c2a_0005_2bo2aq	41
O3-Stacking	POSCAR_012t3k6_05_4i4i4i_0005_4io4iq	41
O3-Stacking	POSCAR_156t2k3_01_1a1c1b_0005_1ao1bq	41
O3-Stacking	POSCAR_147t2k6_01_2c2d2d_0006_2dp2dq	41
O3-Stacking	POSCAR_012t3k6_03_4i4i2a2d_0010_4io4ip	41
O3-Stacking	POSCAR_164t1k6_02_1a2d2d1b_0010_2dp2dq	41
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0045_1co1bp1cr1bs	41
O3-Stacking	POSCAR_143t4k3_01_1c1b1a_0005_1co1aq	41
O3-Stacking	POSCAR_158t2k6_01_2b2c2a_0004_2bo2cp	41
O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0049_1ao1bq1ar1bt	41
O3-Stacking	POSCAR_150t2k6_02_2d2d1b1a_0010_2do2dp	41
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O3-Stacking	POSCAR_146t4k8_02_9b3a3a9b_0006_9bo3ap	43
O3-Stacking	POSCAR_160t2k8_01_9b3a3a9b_0006_9bo3ap	43
O3-Stacking	POSCAR_155t2k8_01_9d3b3a9e_0006_9do3bp	43
O3-Stacking	POSCAR_146t4k8_02_9b3a3a9b_0009_3aq9br	43
O3-Stacking	POSCAR_166t1k8_02_9e9d3a3b_0008_9dp3aq	43
O3-Stacking	POSCAR_148t2k8_01_9e9d3b3a_0009_9dp3ar	43
O3-Stacking	POSCAR_160t2k8_01_9b3a3a9b_0009_3aq9br	43
O3-Stacking	POSCAR_148t2k8_01_9e9d3b3a_0006_9eo3bq	43
O3-Stacking	POSCAR_155t2k8_01_9d3b3a9e_0009_3aq9er	43
O3-Stacking	POSCAR_166t1k8_02_9e9d3a3b_0007_9eo3br	43
O3-Stacking	POSCAR_146t4k4_02_3a3a3a3a_0001_3ao	44

O3-Stacking	POSCAR_167t1k8_02_6a12c6b_0002_6bq	44
O3-Stacking	POSCAR_160t2k4_01_3a3a3a3a_0001_3ao	44
O3-Stacking	POSCAR_155t2k4_02_6c3b3a_0002_3aq	44
O3-Stacking	POSCAR_161t2k8_01_6a6a6a6a_0002_6ap	44
O3-Stacking	POSCAR_148t2k4_03_6c3b3a_0001_3bp	44
O3-Stacking	POSCAR_148t2k4_03_6c3b3a_0002_3aq	44
O3-Stacking	POSCAR_166t1k8_03_6c3a6c6c3b_0006_3ap3bs	44
O3-Stacking	POSCAR_161t2k8_01_6a6a6a6a_0001_6ao	44
O3-Stacking	POSCAR_161t2k8_01_6a6a6a6a_0003_6aq	44
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0029_3ar3au	44
O3-Stacking	POSCAR_167t1k8_02_6a12c6b_0001_6ao	44
O3-Stacking	POSCAR_161t2k8_01_6a6a6a6a_0004_6ar	44
O3-Stacking	POSCAR_166t1k4_03_3a6c3b_0002_3bq	44
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0021_3ap3av	44
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0021_3ap3av	44
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0029_3ar3au	44
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0023_3aq3as	44
O3-Stacking	POSCAR_160t2k4_01_3a3a3a3a_0002_3ap	44
O3-Stacking	POSCAR_146t4k4_02_3a3a3a3a_0004_3ar	44
O3-Stacking	POSCAR_155t2k8_04_6c3a6c6c3b_0004_6cq	44
O3-Stacking	POSCAR_160t2k4_01_3a3a3a3a_0004_3ar	44
O3-Stacking	POSCAR_148t2k8_02_6c3a6c6c3b_0004_6cq	44
O3-Stacking	POSCAR_155t2k8_04_6c3a6c6c3b_0006_3ap3bs	44
O3-Stacking	POSCAR_160t2k4_01_3a3a3a3a_0003_3aq	44
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0023_3aq3as	44
O3-Stacking	POSCAR_148t2k8_02_6c3a6c6c3b_0006_3ap3bs	44
O3-Stacking	POSCAR_146t4k4_02_3a3a3a3a_0003_3aq	44
O3-Stacking	POSCAR_166t1k8_03_6c3a6c6c3b_0004_6cq	44
O3-Stacking	POSCAR_166t1k4_03_3a6c3b_0001_3ao	44
O3-Stacking	POSCAR_146t4k4_02_3a3a3a3a_0002_3ap	44
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0013_3ao3at	44
O3-Stacking	POSCAR_155t2k4_02_6c3b3a_0001_3bp	44
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0013_3ao3at	44
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0099_3ao3ap3aq3ar3as	45
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0113_3ao3ar3as3at3au	45
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0101_3ao3ap3aq3ar3au	45
O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0116_3ap3aq3ar3at3au	45
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0119_3aq3ar3as3at3au	45
O3-Stacking	POSCAR_166t1k7_01_6c3a6c6c_0011_6co3ap6cq	45
O3-Stacking	POSCAR_148t2k7_01_3a6c6c6c_0011_3ao6cp6cq	45
O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0119_3aq3ar3as3at3au	45
O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0101_3ao3ap3aq3ar3au	45
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O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0102_3ao3ap3aq3as3at	45
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O3-Stacking	POSCAR_155t2k7_01_6c6c6c3a_0013_6cp6cq3ar	45
O3-Stacking	POSCAR_010t3k4_05_2m1e1h_0005_2mo1ep	46
O3-Stacking	POSCAR_010t3k8_09_2m2m2n1b1f_0026_2mo2mp1br1fs	46
O3-Stacking	POSCAR_010t3k8_03_2i2j2m2n_0013_2io2mq2nr	46
O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0054_2mo1bq1fr2mt	46
O3-Stacking	POSCAR_010t3k8_02_1a4o1h1g1b_0024_4op1hq1gr	46
O3-Stacking	POSCAR_010t3k4_05_2m1e1h_0006_2mo1hq	46
O3-Stacking	POSCAR_010t3k8_03_2i2j2m2n_0014_2jp2mq2nr	46
O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0053_2mo1ep1hs2mt	46
O3-Stacking	POSCAR_010t3k8_09_2m2m2n1b1f_0025_2mo2mp2nq	46
O3-Stacking	POSCAR_010t3k8_06_2m2m2n2n_0012_2mo2mp2nr	46
O3-Stacking	POSCAR_010t3k8_06_2m2m2n2n_0011_2mo2mp2nq	46
O3-Stacking	POSCAR_010t3k8_11_2m2n2n1g1c_0028_2np2nq1gr1cs	46
O3-Stacking	POSCAR_010t3k8_02_1a4o1h1g1b_0023_1ao4op1bs	46
O3-Stacking	POSCAR_010t3k8_11_2m2n2n1g1c_0025_2mo2np2nq	46
O3-Stacking	POSCAR_010t3k8_15_2m2m1e2n1h_0016_2mo1eq1hs	47
O3-Stacking	POSCAR_010t3k8_15_2m2m1e2n1h_0017_2mp1eq1hs	47
O3-Stacking	POSCAR_012t3k6_03_4i4i2a2d_0011_4io2aq2dr	48
O3-Stacking	POSCAR_012t3k6_03_4i4i2a2d_0012_4ip2aq2dr	48
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0219_3ao3ap3aq3ar3	49
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0238_3ao3aq3as3at3	49
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O3-Stacking	POSCAR_166t1k8_03_6c3a6c6c3b_0026_6co3ap6cq3bs	49
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0243_3ap3aq3ar3at3	49
O3-Stacking	POSCAR_148t2k8_02_6c3a6c6c3b_0026_6co3ap6cq3bs	49
O3-Stacking	POSCAR_155t2k8_04_6c3a6c6c3b_0028_3ap6cq6cr3bs	49
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O3-Stacking	POSCAR_166t1k8_03_6c3a6c6c3b_0028_3ap6cq6cr3bs	49
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O3-Stacking	POSCAR_010t3k8_16_2m2n2n1c1a_0014_2mo2nq	51
O3-Stacking	POSCAR_012t3k6_13_4i4i2a2c_0001_2aq	52
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0003_1aq	52
O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0005_1cs	52
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0002_1bp	52
O3-Stacking	POSCAR_147t2k6_02_2d2d1a1b_0002_1br	52

O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0001_1ao	52
O3-Stacking	POSCAR_012t3k6_13_4i4i2a2c_0002_2cr	52
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0004_1cr	52
O3-Stacking	POSCAR_147t2k6_02_2d2d1a1b_0001_1aq	52
O3-Stacking	POSCAR_164t1k6_02_1a2d2d1b_0001_1ao	52
O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0004_1ar	52
O3-Stacking	POSCAR_164t1k6_02_1a2d2d1b_0002_1br	52
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O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0003_1bq	52
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0006_1at	52
O3-Stacking	POSCAR_150t2k6_02_2d2d1b1a_0001_1bq	52
O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0006_1bt	52
O3-Stacking	POSCAR_150t2k6_02_2d2d1b1a_0002_1ar	52
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0005_1bs	52
O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0002_1cp	52
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0001_3ao	53
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0004_3ar	53
O3-Stacking	POSCAR_166t1k8_03_6c3a6c6c3b_0002_3bs	53
O3-Stacking	POSCAR_148t2k8_02_6c3a6c6c3b_0001_3ap	53
O3-Stacking	POSCAR_148t2k8_02_6c3a6c6c3b_0002_3bs	53
O3-Stacking	POSCAR_155t2k8_04_6c3a6c6c3b_0001_3ap	53
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0006_3at	53
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0008_3av	53
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0005_3as	53
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0003_3aq	53
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0002_3ap	53
O3-Stacking	POSCAR_155t2k8_04_6c3a6c6c3b_0002_3bs	53
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O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0008_3av	53
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O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0007_3au	53
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0007_3au	53
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0006_3at	53
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0004_3ar	53
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O3-Stacking	POSCAR_012t3k4_11_4e2b2a_0006_4eo2aq	54
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O3-Stacking	POSCAR_012t3k8_05_2a4e2b_0005_2ao4ep	54
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O3-Stacking	POSCAR_010t3k8_02_1a4o1h1g1b_0021_1ao4op1hq	55
O3-Stacking	POSCAR_010t3k8_02_1a4o1h1g1b_0026_4op1gr1bs	55
O3-Stacking	POSCAR_012t3k8_06_4e2c2d_0006_4eo2dq	55
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O3-Stacking	POSCAR_012t3k4_05_2a4f2b_0006_4fp2bq	55
O3-Stacking	POSCAR_012t3k8_06_4e2c2d_0005_4eo2cp	55
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O3-Stacking	POSCAR_148t2k8_02_6c3a6c6c3b_0003_6co	57
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0012_3ao3as	57
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0017_3ap3ar	57
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O3-Stacking	POSCAR_146t4k4_01_9b3a_0002_9bo	58
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O3-Stacking	POSCAR_161t2k8_02_18b6a_0002_18bo	58
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O3-Stacking	POSCAR_155t2k8_01_9d3b3a9e_0012_9do9er	58
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O3-Stacking	POSCAR_166t1k8_02_9e9d3a3b_0012_9eo9dp	58
O3-Stacking	POSCAR_148t2k4_01_9e3a_0002_9eo	58
O3-Stacking	POSCAR_148t2k8_03_6c18f_0002_18fp	58
O3-Stacking	POSCAR_146t4k8_02_9b3a3a9b_0012_9bo9br	58
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O3-Stacking	POSCAR_167t1k8_03_18d6b_0002_18do	58
O3-Stacking	POSCAR_148t2k8_01_9e9d3b3a_0012_9eo9dp	58
O3-Stacking	POSCAR_161t2k8_02_6a18b_0002_18bp	58
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O3-Stacking	POSCAR_012t3k6_15_4i4i2c2a_0009_4ip2ar	59
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O3-Stacking	POSCAR_010t3k4_02_1a1d1h1f_0014_1dp1hq1fr	62
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O3-Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0002_3ap	66
O3-Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0005_3as	66
O3-Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0004_3ar	66
O3-Stacking	POSCAR_146t4k5_01_3a3a3a3a3a_0002_3ap	66
O3-Stacking	POSCAR_146t4k5_01_3a3a3a3a3a_0004_3ar	66
O3-Stacking	POSCAR_146t4k5_01_3a3a3a3a3a_0003_3aq	66
O3-Stacking	POSCAR_155t2k5_01_6c6c3a_0001_3aq	66
O3-Stacking	POSCAR_166t1k5_01_6c6c3a_0001_3aq	66
O3-Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0001_3ao	66
O3-Stacking	POSCAR_146t4k5_01_3a3a3a3a3a_0005_3as	66
O3-Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0003_3aq	66

O3-Stacking	POSCAR_148t2k5_01_6c6c3a_0001_3aq	66
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0247_3ao3ap3aq3ar3	67
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0251_3ao3ap3aq3as3	67
O3-Stacking	POSCAR_166t1k8_03_6c3a6c6c3b_0029_6co3ap6cq6cr	67
O3-Stacking	POSCAR_155t2k8_04_6c3a6c6c3b_0029_6co3ap6cq6cr	67
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0252_3ao3ap3ar3as3	67
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0254_3ap3aq3ar3as3	67
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0248_3ao3ap3aq3ar3	67
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0247_3ao3ap3aq3ar3	67
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0253_3ao3aq3ar3as3	67
O3-Stacking	POSCAR_166t1k8_03_6c3a6c6c3b_0030_6co6cq6cr3bs	67
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0249_3ao3ap3aq3ar3	67
O3-Stacking	POSCAR_148t2k8_02_6c3a6c6c3b_0030_6co6cq6cr3bs	67
O3-Stacking	POSCAR_148t2k8_02_6c3a6c6c3b_0029_6co3ap6cq6cr	67
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0253_3ao3aq3ar3as3	67
O3-Stacking	POSCAR_155t2k8_04_6c3a6c6c3b_0030_6co6cq6cr3bs	67
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0250_3ao3ap3aq3ar3	67
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0251_3ao3ap3aq3as3	67
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O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0249_3ao3ap3aq3ar3	67
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0254_3ap3aq3ar3as3	67
O3-Stacking	POSCAR_010t3k6_01_2m2n1e1a_0011_2mo1eq1ar	68
O3-Stacking	POSCAR_010t3k6_01_2m2n1e1a_0012_2np1eq1ar	68
O3-Stacking	POSCAR_010t3k6_03_2i2k1f1a_0005_1fq1ar	69
O3-Stacking	POSCAR_012t3k6_12_8j4i_0001_4ip	69
O3-Stacking	POSCAR_012t3k3_04_4g2a_0001_2ap	69
O3-Stacking	POSCAR_012t3k6_11_2a4g4h2c_0005_2ao2cr	69
O3-Stacking	POSCAR_012t3k6_14_8j4i_0001_4ip	69
O3-Stacking	POSCAR_012t3k6_18_4g4h2a2c_0005_2aq2cr	69
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0033_3ao3ap3au	70
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O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0038_3ao3ar3as	70
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O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0046_3ap3aq3at	70
O3-Stacking	POSCAR_012t3k6_02_2a2c4i4i_0011_2ao2cp4iq	71
O3-Stacking	POSCAR_012t3k6_02_2a2c4i4i_0012_2ao2cp4ir	71
O3-Stacking	POSCAR_012t3k6_13_4i4i2a2c_0011_4io2aq2cr	72
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0043_1co1bp1aq1bs	72
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0053_1bp1aq1cr1at	72
O3-Stacking	POSCAR_147t2k6_02_2d2d1a1b_0012_2dp1aq1br	72
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0048_1co1aq1cr1bs	72
O3-Stacking	POSCAR_150t2k6_02_2d2d1b1a_0012_2dp1bq1ar	72
O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0053_1cp1bq1ar1bt	72
O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0050_1ao1bq1cs1bt	72
O3-Stacking	POSCAR_012t3k6_13_4i4i2a2c_0012_4ip2aq2cr	72
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0046_1co1bp1cr1at	72
O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0055_1cp1ar1cs1bt	72
O3-Stacking	POSCAR_150t2k6_02_2d2d1b1a_0011_2do1bq1ar	72
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O3-Stacking	POSCAR_164t1k6_02_1a2d2d1b_0011_1ao2dp1br	72
O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0048_1ao1bq1ar1cs	72
O3-Stacking	POSCAR_147t2k6_02_2d2d1a1b_0011_2do1aq1br	72
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O3-Stacking	POSCAR_164t1k6_02_1a2d2d1b_0012_1ao2dq1br	72
O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0050_1co1aq1bs1at	72
O3-Stacking	POSCAR_146t4k5_01_3a3a3a3a3a_0026_3ao3ap3aq3ar	73
O3-Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0028_3ao3ap3ar3as	73
O3-Stacking	POSCAR_146t4k5_01_3a3a3a3a3a_0029_3ao3aq3ar3as	73
O3-Stacking	POSCAR_148t2k5_01_6c6c3a_0006_6co6cp	73
O3-Stacking	POSCAR_146t4k5_01_3a3a3a3a3a_0028_3ao3ap3ar3as	73
O3-Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0029_3ao3aq3ar3as	73
O3-Stacking	POSCAR_155t2k5_01_6c6c3a_0006_6co6cp	73
O3-Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0030_3ap3aq3ar3as	73
O3-Stacking	POSCAR_146t4k5_01_3a3a3a3a3a_0030_3ap3aq3ar3as	73
O3-Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0027_3ao3ap3aq3as	73
O3-Stacking	POSCAR_146t4k5_01_3a3a3a3a3a_0027_3ao3ap3aq3as	73
O3-Stacking	POSCAR_166t1k5_01_6c6c3a_0006_6co6cp	73
O3-Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0026_3ao3ap3aq3ar	73
O3-Stacking	POSCAR_146t4k5_01_3a3a3a3a3a_0016_3ao3ap3aq	74
O3-Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0021_3ao3ar3as	74
O3-Stacking	POSCAR_166t1k5_01_6c6c3a_0005_6cp3aq	74

O3-Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0022_3ap3aq3ar	74
O3-Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0018_3ao3ap3as	74
O3-Stacking	POSCAR_146t4k5_01_3a3a3a3a3a_0018_3ao3ap3as	74
O3-Stacking	POSCAR_148t2k5_01_6c6c3a_0004_6co3aq	74
O3-Stacking	POSCAR_155t2k5_01_6c6c3a_0004_6co3aq	74
O3-Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0016_3ao3ap3aq	74
O3-Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0025_3aq3ar3as	74
O3-Stacking	POSCAR_146t4k5_01_3a3a3a3a3a_0025_3aq3ar3as	74
O3-Stacking	POSCAR_146t4k5_01_3a3a3a3a3a_0021_3ao3ar3as	74
O3-Stacking	POSCAR_146t4k5_01_3a3a3a3a3a_0022_3ap3aq3ar	74
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0008_1gp1fs	75
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0011_1dr1bt	75
O3-Stacking	POSCAR_012t3k4_08_2a4i2c_0002_2cq	75
O3-Stacking	POSCAR_012t3k4_08_2a4i2c_0001_2ao	75
O3-Stacking	POSCAR_012t3k8_01_4i2d2a_0001_2dp	75
O3-Stacking	POSCAR_012t3k8_01_4i2d2a_0002_2aq	75
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0173_3ao3ap3ar3as3	76
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0175_3ao3ap3ar3as3	76
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0208_3ap3ar3as3at3a	76
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0207_3ap3aq3at3au3	76
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0204_3ap3aq3as3at3	76
O3-Stacking	POSCAR_166t1k8_03_6c3a6c6c3b_0023_3ap6cq6cr	76
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0185_3ao3aq3ar3as3	76
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0192_3ao3aq3at3au3	76
O3-Stacking	POSCAR_155t2k8_04_6c3a6c6c3b_0023_3ap6cq6cr	76
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O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0208_3ap3ar3as3at3a	76
O3-Stacking	POSCAR_166t1k8_03_6c3a6c6c3b_0021_6co6cq3bs	76
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O3-Stacking	POSCAR_155t2k8_04_6c3a6c6c3b_0021_6co6cq3bs	76
O3-Stacking	POSCAR_010t3k8_02_1a4o1h1g1b_0005_1ao1hq	77
O3-Stacking	POSCAR_010t3k8_02_1a4o1h1g1b_0010_1gr1bs	77
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O3-Stacking	POSCAR_012t3k8_06_4e2c2d_0002_2dq	77
O3-Stacking	POSCAR_012t3k4_05_2a4f2b_0001_2ao	77

O3-Stacking	POSCAR_012t3k8_06_4e2c2d_0001_2cp	77
O3-Stacking	POSCAR_010t3k8_11_2m2n2n1g1c_0013_2mo2np	78
O3-Stacking	POSCAR_010t3k8_11_2m2n2n1g1c_0014_2mo2nq	78
O3-Stacking	POSCAR_012t3k6_18_4g4h2a2c_0013_4go4hp2aq	79
O3-Stacking	POSCAR_012t3k6_18_4g4h2a2c_0014_4go4hp2cr	79
O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0013_2mo1hq	80
O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0014_2mo1br	80
O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0020_2np1ct	80
O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0019_2np1ds	80
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O3-Stacking	POSCAR_010t3k8_05_2i1c1f1h1g2j_0046_2io1fq1hr1gs	81
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O3-Stacking	POSCAR_010t3k8_09_2m2m2n1b1f_0028_2mp2nq1br1fs	82
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O3-Stacking	POSCAR_012t3k4_07_4i4i_0002_4ip	84
O3-Stacking	POSCAR_012t3k4_07_4i4i_0001_4io	84
O3-Stacking	POSCAR_010t3k8_07_2m2n2m2n_0008_2np2mq	84
O3-Stacking	POSCAR_012t3k8_07_4i4i_0002_4ip	84
O3-Stacking	POSCAR_012t3k8_07_4i4i_0001_4io	84
O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0059_2mo2np1hq1br1ds	85
O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0062_2mo2np1br1ds1ct	85
O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0060_2mo2np1hq1br1ct	85
O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0061_2mo2np1hq1ds1ct	85
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a_0010_3ao3ar	86
O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a_0013_3ao3au	86
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a_0023_3ar3as	86
O3-Stacking	POSCAR_166t1k7_01_6c3a6c6c_0003_6cq	86
O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a_0010_3ao3ar	86
O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a_0020_3aq3as	86
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a_0013_3ao3au	86
O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a_0018_3ap3au	86
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a_0020_3aq3as	86
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a_0018_3ap3au	86
O3-Stacking	POSCAR_148t2k7_01_3a6c6c6c_0003_6cq	86
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a_0021_3aq3at	86
O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a_0023_3ar3as	86
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a_0017_3ap3at	86

O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0017_3ap3at	86
O3-Stacking	POSCAR_155t2k7_01_6c6c6c3a_0003_6cp	86
O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0021_3aq3at	86
O3-Stacking	POSCAR_010t3k8_07_2m2n2m2n_0001_2mo	87
O3-Stacking	POSCAR_010t3k8_07_2m2n2m2n_0004_2nr	87
O3-Stacking	POSCAR_010t3k8_07_2m2n2m2n_0002_2np	87
O3-Stacking	POSCAR_010t3k8_07_2m2n2m2n_0003_2mq	87
O3-Stacking	POSCAR_010t3k6_05_2m1a2n1f_0010_2mo2nq	88
O3-Stacking	POSCAR_012t3k6_19_4i4i4i_0005_4io4iq	88
O3-Stacking	POSCAR_012t3k6_07_4i4i4i_0005_4io4iq	88
O3-Stacking	POSCAR_012t3k6_15_4i4i2c2a_0010_4io4ip	88
O3-Stacking	POSCAR_012t3k6_06_2a4i4i2d_0010_4ip4iq	88
O3-Stacking	POSCAR_012t3k3_01_4i2a_0002_4io	88
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0011_3ao3ar	89
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0027_3ar3as	89
O3-Stacking	POSCAR_148t2k8_04_6c6c6c6c_0001_6co	89
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0025_3aq3au	89
O3-Stacking	POSCAR_166t1k8_04_6c6c6c6c_0002_6cp	89
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0019_3ap3at	89
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0018_3ap3as	89
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0027_3ar3as	89
O3-Stacking	POSCAR_155t2k8_02_6c6c6c6c_0001_6co	89
O3-Stacking	POSCAR_148t2k8_04_6c6c6c6c_0002_6cp	89
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0015_3ao3av	89
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0026_3aq3av	89
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0015_3ao3av	89
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0026_3aq3av	89
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0011_3ao3ar	89
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0019_3ap3at	89
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0018_3ap3as	89
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O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0034_3at3au	89
O3-Stacking	POSCAR_155t2k8_02_6c6c6c6c_0002_6cp	89
O3-Stacking	POSCAR_166t1k8_04_6c6c6c6c_0003_6cq	89
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0034_3at3au	89
O3-Stacking	POSCAR_010t3k6_05_2m1a2n1f_0001_1ap	90
O3-Stacking	POSCAR_010t3k6_05_2m1a2n1f_0002_1fr	90
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0008_3ao3ap	91
O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0019_3aq3ar	91
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0026_3as3at	91
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0011_3ao3as	91
O3-Stacking	POSCAR_166t1k7_01_6c3a6c6c_0004_6cr	91
O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0026_3as3at	91

O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a_0011_3ao3as	91
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a_0019_3aq3ar	91
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a_0025_3ar3au	91
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a_0014_3ap3aq	91
O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a_0008_3ao3ap	91
O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a_0014_3ap3aq	91
O3-Stacking	POSCAR_155t2k7_01_6c6c6c3a_0002_6co	91
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O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a_0028_3at3au	91
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O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a_0081_3ao3ar3as3au	92
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O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a_0094_3aq3ar3as3at	92
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O3-Stacking	POSCAR_012t3k6_02_2a2c4i4i_0008_2cp4iq	93
O3-Stacking	POSCAR_146t4k8_02_9b3a3a9b_0010_9bo3ap3aq	94
O3-Stacking	POSCAR_160t2k8_01_9b3a3a9b_0010_9bo3ap3aq	94
O3-Stacking	POSCAR_160t2k8_01_9b3a3a9b_0011_3ap3aq9br	94
O3-Stacking	POSCAR_155t2k8_01_9d3b3a9e_0011_3bp3aq9er	94
O3-Stacking	POSCAR_166t1k8_02_9e9d3a3b_0011_9dp3aq3br	94
O3-Stacking	POSCAR_148t2k8_01_9e9d3b3a_0010_9eo3bq3ar	94
O3-Stacking	POSCAR_146t4k8_02_9b3a3a9b_0011_3ap3aq9br	94
O3-Stacking	POSCAR_148t2k8_01_9e9d3b3a_0011_9dp3bq3ar	94
O3-Stacking	POSCAR_166t1k8_02_9e9d3a3b_0010_9eo3aq3br	94
O3-Stacking	POSCAR_155t2k8_01_9d3b3a9e_0010_9do3bp3aq	94
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O3-Stacking	POSCAR_156t2k6_01_1a1c1b1a1c1b_0030_1ao1ar1bt	95
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O3-Stacking	POSCAR_143t4k6_01_1c1b1a1c1b1a_0030_1co1cr1at	95
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O3-Stacking	POSCAR_012t3k6_11_2a4g4h2c_0008_4gp2cr	99
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O3-Stacking	POSCAR_146t4k5_01_3a3a3a3a3a_0013_3aq3ar	100
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O3-Stacking	POSCAR_155t2k5_01_6c6c3a_0003_6cp	100
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O3-Stacking	POSCAR_148t2k8_01_9e9d3b3a_0005_9dp	101
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O3-Stacking	POSCAR_148t2k8_01_9e9d3b3a_0004_9eo	101
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O3-Stacking	POSCAR_010t3k4_02_1a1d1h1f_0004_1fr	103
O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0006_2mt	103
O3-Stacking	POSCAR_010t3k8_05_2i1c1f1h1g2j_0006_2jt	103
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0006_2nq	103
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O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0005_2mo	103
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O3-Stacking	POSCAR_010t3k8_05_2i1c1f1h1g2j_0007_1cp1fq	103
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O3-Stacking	POSCAR_010t3k8_05_2i1c1f1h1g2j_0005_2io	103
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O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0012_1ds1ct	103
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O3-Stacking	POSCAR_010t3k4_02_1a1d1h1f_0002_1dp	103
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O3-Stacking	POSCAR_146t4k5_01_3a3a3a3a3a_0008_3ao3ar	104
O3-Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0007_3ao3aq	104
O3-Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0008_3ao3ar	104
O3-Stacking	POSCAR_155t2k5_01_6c6c3a_0002_6co	104
O3-Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0011_3ap3ar	104
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O3-Stacking	POSCAR_148t2k8_02_6c3a6c6c3b_0018_3ap6cr3bs	105
O3-Stacking	POSCAR_148t2k8_02_6c3a6c6c3b_0016_6co3ap3bs	105
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O3-Stacking	POSCAR_012t3k3_05_2a4i_0002_4ip	106
O3-Stacking	POSCAR_012t3k6_10_4i4i2a2c_0010_4io4ip	106
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0001_1gp	107
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0002_1dr	107
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0003_1fs	107
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0004_1bt	107
O3-Stacking	POSCAR_010t3k8_15_2m2m1e2n1h_0019_2mo2mp1eq	108
O3-Stacking	POSCAR_010t3k8_15_2m2m1e2n1h_0020_2mo2mp1hs	108
O3-Stacking	POSCAR_010t3k6_03_2i2k1f1a_0003_2io	109
O3-Stacking	POSCAR_010t3k6_03_2i2k1f1a_0004_2kp	109
O3-Stacking	POSCAR_146t4k8_02_9b3a3a9b_0013_9bo3ap9br	110
O3-Stacking	POSCAR_160t2k8_01_9b3a3a9b_0013_9bo3ap9br	110
O3-Stacking	POSCAR_148t2k8_01_9e9d3b3a_0013_9eo9dp3bq	110
O3-Stacking	POSCAR_146t4k8_02_9b3a3a9b_0014_9bo3aq9br	110
O3-Stacking	POSCAR_166t1k8_02_9e9d3a3b_0013_9eo9dp3aq	110
O3-Stacking	POSCAR_148t2k8_01_9e9d3b3a_0014_9eo9dp3ar	110
O3-Stacking	POSCAR_155t2k8_01_9d3b3a9e_0014_9do3aq9er	110
O3-Stacking	POSCAR_166t1k8_02_9e9d3a3b_0014_9eo9dp3br	110
O3-Stacking	POSCAR_160t2k8_01_9b3a3a9b_0014_9bo3aq9br	110
O3-Stacking	POSCAR_155t2k8_01_9d3b3a9e_0013_9do3bp9er	110
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0052_2mo1gp2nq1fs	111
O3-Stacking	POSCAR_012t3k8_01_4i2d2a_0006_4io2aq	111
O3-Stacking	POSCAR_012t3k4_08_2a4i2c_0005_2ao4ip	111
O3-Stacking	POSCAR_012t3k8_01_4i2d2a_0005_4io2dp	111
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0055_2mo2nq1dr1bt	111
O3-Stacking	POSCAR_012t3k4_08_2a4i2c_0006_4ip2cq	111
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0221_3ao3ap3aq3ar3	112
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0228_3ao3ap3aq3at3	112
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0244_3ap3aq3as3at3	112
O3-Stacking	POSCAR_166t1k8_04_6c6c6c6c_0012_6co6cp6cr	112
O3-Stacking	POSCAR_155t2k8_02_6c6c6c6c_0014_6cp6cq6cr	112
O3-Stacking	POSCAR_166t1k8_04_6c6c6c6c_0013_6co6cq6cr	112
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0228_3ao3ap3aq3at3	112
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0236_3ao3aq3ar3as3	112
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O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0244_3ap3aq3as3at3	112
O3-Stacking	POSCAR_148t2k8_04_6c6c6c6c_0014_6cp6cq6cr	112
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0236_3ao3aq3ar3as3	112
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0229_3ao3ap3ar3as3	112
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0240_3ap3aq3ar3as3	112

O3-Stacking	POSCAR_155t2k8_02_6c6c6c6c_0013_6co6cq6cr	112
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O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0230_3ao3ap3ar3as3	112
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0237_3ao3aq3ar3at3	112
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O3-Stacking	POSCAR_148t2k8_04_6c6c6c6c_0013_6co6cq6cr	112
O3-Stacking	POSCAR_010t3k6_04_2m1e2n1a_0005_1ep1ar	113
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O3-Stacking	POSCAR_012t3k6_10_4i4i2a2c_0005_2aq2cr	113
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O3-Stacking	POSCAR_012t3k6_20_4i4i4i_0001_4io	113
O3-Stacking	POSCAR_012t3k6_04_4i4i4i_0001_4io	113
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O3-Stacking	POSCAR_148t2k8_01_9e9d3b3a_0001_3bq	114
O3-Stacking	POSCAR_148t2k8_01_9e9d3b3a_0002_3ar	114
O3-Stacking	POSCAR_166t1k8_02_9e9d3a3b_0002_3br	114
O3-Stacking	POSCAR_146t4k8_02_9b3a3a9b_0002_3aq	114
O3-Stacking	POSCAR_160t2k8_01_9b3a3a9b_0002_3aq	114
O3-Stacking	POSCAR_155t2k8_01_9d3b3a9e_0002_3aq	114
O3-Stacking	POSCAR_155t2k8_01_9d3b3a9e_0001_3bp	114
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0220_3ao3ap3aq3ar3	115
O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0222_3ao3ap3aq3ar3	115
O3-Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0241_3ap3aq3ar3as3	115
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O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0241_3ap3aq3ar3as3	115
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O3-Stacking	POSCAR_148t2k8_04_6c6c6c6c_0012_6co6cp6cr	115
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O3-Stacking	POSCAR_160t2k8_02_3a3a3a3a3a3a3a_0233_3ao3ap3as3at3	115
O3-Stacking	POSCAR_155t2k8_02_6c6c6c6c_0011_6co6cp6cq	115
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O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0125_3ao3aq3ar3as3at3	116
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0122_3ao3ap3aq3ar3at	116
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0126_3ap3aq3ar3as3at3	116
O3-Stacking	POSCAR_155t2k7_01_6c6c6c3a_0014_6co6cp6cq	116
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O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0126_3ap3aq3ar3as3at3	116
O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0122_3ao3ap3aq3ar3at	116
O3-Stacking	POSCAR_148t2k7_01_3a6c6c6c_0014_6cp6cq6cr	116
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O3-Stacking	POSCAR_148t2k7_01_3a6c6c6c_0010_6cq6cr	117
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O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0083_3ao3as3at3au	117
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O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0098_3ar3as3at3au	117
O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0065_3ao3ap3aq3as	117
O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0071_3ao3ap3as3at	117
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O3-Stacking	POSCAR_010t3k8_09_2m2m2n1b1f_0022_2mo2nq1fs	118
O3-Stacking	POSCAR_010t3k8_09_2m2m2n1b1f_0023_2mp2nq1br	118
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O3-Stacking	POSCAR_012t3k6_04_4i4i4i_0005_4io4iq	119
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O3-Stacking	POSCAR_010t3k8_14_2i2j2m2n_0008_2jp2mq	121
O3-Stacking	POSCAR_010t3k8_14_2i2j2m2n_0007_2io2nr	121
O3-Stacking	POSCAR_010t3k4_04_2m1f1b_0005_2mo1fp	122
O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0052_2mo1ep1fr2mt	122
O3-Stacking	POSCAR_010t3k8_16_2m2n2n1c1a_0025_2mo2np2nq	122
O3-Stacking	POSCAR_010t3k8_16_2m2n2n1c1a_0028_2np2nq1cr1as	122
O3-Stacking	POSCAR_010t3k8_12_4o1g1b1h1a_0025_4oo1bq1as	122
O3-Stacking	POSCAR_010t3k8_15_2m2m1e2n1h_0025_2mo2mp2nr	122
O3-Stacking	POSCAR_010t3k8_06_2m2m2n2n_0014_2mp2nq2nr	122
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O3-Stacking	POSCAR_010t3k8_06_2m2m2n2n_0013_2mo2nq2nr	122
O3-Stacking	POSCAR_010t3k8_14_2i2j2m2n_0013_2io2mq2nr	122
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O3-Stacking	POSCAR_010t3k4_04_2m1f1b_0006_2mo1bq	122
O3-Stacking	POSCAR_010t3k8_14_2i2j2m2n_0014_2jp2mq2nr	122
O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0055_2mo1bq1hs2mt	122
O3-Stacking	POSCAR_010t3k8_01_2m2n2n2m_0001_2mo	123
O3-Stacking	POSCAR_010t3k8_01_2m2n2n2m_0002_2np	123
O3-Stacking	POSCAR_010t3k8_01_2m2n2n2m_0004_2mr	123
O3-Stacking	POSCAR_010t3k8_01_2m2n2n2m_0003_2nq	123
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O3-Stacking	POSCAR_012t3k6_19_4i4i4i_0006_4ip4iq	124
O3-Stacking	POSCAR_010t3k6_05_2m1a2n1f_0005_1ap1fr	125
O3-Stacking	POSCAR_012t3k6_07_4i4i4i_0002_4ip	125
O3-Stacking	POSCAR_012t3k6_15_4i4i2c2a_0005_2cq2ar	125
O3-Stacking	POSCAR_012t3k6_06_2a4i4i2d_0005_2ao2dr	125
O3-Stacking	POSCAR_012t3k3_01_4i2a_0001_2ap	125
O3-Stacking	POSCAR_012t3k6_19_4i4i4i_0002_4ip	125
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O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0029_3ao3ap3aq	126
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O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0056_3aq3ar3au	126
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O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0041_3ao3as3at	126
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0044_3ap3aq3ar	126
O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0044_3ap3aq3ar	126
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0041_3ao3as3at	126

O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0062_3ar3at3au	126
O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0063_3as3at3au	126
O3-Stacking	POSCAR_166t1k7_01_6c3a6c6c_0005_6co3ap	126
O3-Stacking	POSCAR_146t4k7_01_3a3a3a3a3a3a3a_0031_3ao3ap3as	126
O3-Stacking	POSCAR_010t3k8_01_2m2n2n2m_0006_2mo2nq	127
O3-Stacking	POSCAR_012t3k4_06_4i4i_0001_4io	127
O3-Stacking	POSCAR_012t3k4_06_4i4i_0002_4ip	127
O3-Stacking	POSCAR_010t3k8_01_2m2n2n2m_0009_2np2mr	127
O3-Stacking	POSCAR_010t3k8_12_4o1g1b1h1a_0005_1gp1bq	128
O3-Stacking	POSCAR_012t3k8_05_2a4e2b_0001_2ao	128
O3-Stacking	POSCAR_012t3k4_11_4e2b2a_0001_2bp	128
O3-Stacking	POSCAR_012t3k8_05_2a4e2b_0002_2bq	128
O3-Stacking	POSCAR_012t3k4_11_4e2b2a_0002_2aq	128
O3-Stacking	POSCAR_010t3k8_12_4o1g1b1h1a_0010_1hr1as	128
O3-Stacking	POSCAR_012t3k6_10_4i4i2a2c_0011_4io2aq2cr	129
O3-Stacking	POSCAR_012t3k6_10_4i4i2a2c_0012_4ip2aq2cr	129
O3-Stacking	POSCAR_010t3k8_09_2m2m2n1b1f_0014_2mo2nq	130
O3-Stacking	POSCAR_010t3k8_09_2m2m2n1b1f_0015_2mp2nq	130
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O3-Stacking	POSCAR_010t3k8_07_2m2n2m2n_0012_2mo2np2nr	131
O3-Stacking	POSCAR_010t3k8_07_2m2n2m2n_0014_2np2mq2nr	131
O3-Stacking	POSCAR_010t3k8_07_2m2n2m2n_0013_2mo2mq2nr	131
O3-Stacking	POSCAR_012t3k6_06_2a4i4i2d_0011_2ao4ip2dr	132
O3-Stacking	POSCAR_012t3k6_06_2a4i4i2d_0012_2ao4iq2dr	132
O3-Stacking	POSCAR_010t3k8_17_2i2j2j1b1a_0001_1br	133
O3-Stacking	POSCAR_010t3k8_17_2i2j2j1b1a_0002_1as	133
O3-Stacking	POSCAR_012t3k6_03_4i4i2a2d_0001_2aq	134
O3-Stacking	POSCAR_012t3k6_03_4i4i2a2d_0002_2dr	134
O3-Stacking	POSCAR_012t3k6_11_2a4g4h2c_0001_2ao	135
O3-Stacking	POSCAR_012t3k6_11_2a4g4h2c_0002_2cr	135
O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0027_2mo1hq1ds	136
O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0036_2np1br1ct	136
O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0030_2mo1br1ct	136
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O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0078_3ao3aq3as3au	140
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O3-Stacking	POSCAR_166t1k7_01_6c3a6c6c_0009_6co6cr	140
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O3-Stacking	POSCAR_148t2k7_01_3a6c6c6c_0009_6cp6cr	140
O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0091_3ap3ar3as3au	140
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O3-Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0088_3ap3aq3as3au	140
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O3-Stacking	POSCAR_010t3k8_05_2i1c1f1h1g2j_0003_1hr	158
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O3-Stacking	POSCAR_010t3k8_05_2i1c1f1h1g2j_0027_2io1cp1hr	159
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O3-Stacking	POSCAR_010t3k8_12_4o1g1b1h1a_0029_4oo1gp1hr1as	160
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O3-Stacking	POSCAR_010t3k8_05_2i1c1f1h1g2j_0020_1gs2jt	161
O3-Stacking	POSCAR_010t3k8_05_2i1c1f1h1g2j_0019_1hr2jt	161
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O3-Stacking	POSCAR_012t3k4_14_4i4i_0002_4ip	162
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O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0003_1fr	164
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O3-Stacking	POSCAR_012t3k8_03_2a2d4i_0005_2ao4iq	165
O3-Stacking	POSCAR_012t3k4_13_2a2c4i_0005_2ao4iq	165
O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0055_2mo2np1br1ct	165
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O3-Stacking	POSCAR_012t3k6_01_4i2a4i2c_0013_4io2ap4iq	166
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O3-Stacking	POSCAR_012t3k6_20_4i4i4i_0002_4ip	167
O3-Stacking	POSCAR_012t3k6_20_4i4i4i_0003_4iq	167

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O3-Stacking	POSCAR_010t3k8_17_2i2j2j1b1a_0029_2io2jp2jq1br	169
O3-Stacking	POSCAR_010t3k8_17_2i2j2j1b1a_0030_2io2jp2jq1as	169
O3-Stacking	POSCAR_010t3k8_09_2m2m2n1b1f_0019_2mo2mp1br	170
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O3-Stacking	POSCAR_012t3k6_09_4i4i4i_0002_4ip	171
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O3-Stacking	POSCAR_010t3k8_12_4o1g1b1h1a_0023_4oo1gp1as	174
O3-Stacking	POSCAR_010t3k8_03_2i2j2m2n_0012_2io2jp2nr	174
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O3-Stacking	POSCAR_010t3k8_17_2i2j2j1b1a_0028_2jp2jq1br1as	174
O3-Stacking	POSCAR_010t3k8_14_2i2j2m2n_0011_2io2jp2mq	174
O3-Stacking	POSCAR_010t3k8_02_1a4o1h1g1b_0025_4op1hq1bs	174
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O3-Stacking	POSCAR_010t3k8_12_4o1g1b1h1a_0024_4oo1bq1hr	174
O3-Stacking	POSCAR_010t3k8_02_1a4o1h1g1b_0022_1ao4op1gr	174
O3-Stacking	POSCAR_010t3k8_03_2i2j2m2n_0011_2io2jp2mq	174
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O3-Stacking	POSCAR_010t3k8_02_1a4o1h1g1b_0028_1ao4op1hq1bs	175
O3-Stacking	POSCAR_010t3k8_02_1a4o1h1g1b_0030_4op1hq1gr1bs	175
O3-Stacking	POSCAR_012t3k6_03_4i4i2a2d_0003_4io	176
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O3-Stacking	POSCAR_012t3k6_07_4i4i4i_0006_4ip4iq	179
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O3-Stacking	POSCAR_012t3k6_20_4i4i4i_0005_4io4iq	180
O3-Stacking	POSCAR_010t3k6_04_2m1e2n1a_0003_2mo	181
O3-Stacking	POSCAR_010t3k6_04_2m1e2n1a_0004_2nq	181
O3-Stacking	POSCAR_010t3k8_17_2i2j2j1b1a_0017_2jp1br1as	182
O3-Stacking	POSCAR_010t3k8_17_2i2j2j1b1a_0018_2jq1br1as	182
O3-Stacking	POSCAR_010t3k8_16_2m2n2n1c1a_0020_2mo2np1as	183
O3-Stacking	POSCAR_010t3k8_16_2m2n2n1c1a_0021_2mo2nq1cr	183
O3-Stacking	POSCAR_010t3k6_01_2m2n1e1a_0005_1eq1ar	184
O3-Stacking	POSCAR_012t3k6_08_4i4i4i_0001_4io	184
O3-Stacking	POSCAR_012t3k3_02_4i2a_0001_2ap	184
O3-Stacking	POSCAR_012t3k6_09_4i4i4i_0003_4iq	184
O3-Stacking	POSCAR_012t3k6_16_4i4i2a2c_0005_2aq2cr	184
O3-Stacking	POSCAR_012t3k6_02_2a2c4i4i_0005_2ao2cp	184
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O3-Stacking	POSCAR_010t3k8_09_2m2m2n1b1f_0017_2mp1br1fs	185
O3-Stacking	POSCAR_012t3k6_18_4g4h2a2c_0007_4go2cr	186
O3-Stacking	POSCAR_012t3k6_18_4g4h2a2c_0008_4hp2aq	186
O3-Stacking	POSCAR_010t3k8_06_2m2m2n2n_0006_2mo2nq	187
O3-Stacking	POSCAR_010t3k8_06_2m2m2n2n_0008_2mp2nq	187
O3-Stacking	POSCAR_010t3k8_06_2m2m2n2n_0007_2mo2nr	187
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O3-Stacking	POSCAR_010t3k6_03_2i2k1f1a_0013_2io2kp1fq	188
O3-Stacking	POSCAR_010t3k6_03_2i2k1f1a_0014_2io2kp1ar	188
O3-Stacking	POSCAR_010t3k6_01_2m2n1e1a_0010_2mo2np	189
O3-Stacking	POSCAR_012t3k6_09_4i4i4i_0004_4io4ip	189
O3-Stacking	POSCAR_012t3k3_02_4i2a_0002_4io	189
O3-Stacking	POSCAR_012t3k6_16_4i4i2a2c_0010_4io4ip	189
O3-Stacking	POSCAR_012t3k6_08_4i4i4i_0006_4ip4iq	189
O3-Stacking	POSCAR_012t3k6_02_2a2c4i4i_0010_4iq4ir	189
O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0015_2mo1fr	190
O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0018_1bq2mt	190
O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0017_1ep2mt	190
O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0016_2mo1hs	190
O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0021_1ep1bq1fr	191
O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0024_1bq1fr1hs	191
O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0022_1ep1bq1hs	191
O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0023_1ep1fr1hs	191
O3-Stacking	POSCAR_010t3k8_17_2i2j2j1b1a_0026_2io2jp1br1as	192
O3-Stacking	POSCAR_010t3k8_17_2i2j2j1b1a_0027_2io2jq1br1as	192

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O3-Stacking	POSCAR_010t3k6_05_2m1a2n1f_0014_2mo2nq1fr	193
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O3-Stacking	POSCAR_012t3k6_02_2a2c4i4i_0013_2ao4iq4ir	195
O3-Stacking	POSCAR_012t3k6_02_2a2c4i4i_0014_2cp4iq4ir	195
O3-Stacking	POSCAR_010t3k8_15_2m2m1e2n1h_0029_2mo2mp1eq2nr	196
O3-Stacking	POSCAR_010t3k8_15_2m2m1e2n1h_0030_2mo2mp2nr1hs	196
O3-Stacking	POSCAR_010t3k8_11_2m2n2n1g1c_0009_2np1gr	197
O3-Stacking	POSCAR_010t3k8_11_2m2n2n1g1c_0012_2nq1cs	197
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0027_2mo1gp1fs	198
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0036_2nq1dr1bt	198
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0033_1gp2nq1fs	198
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0030_2mo1dr1bt	198
O3-Stacking	POSCAR_010t3k8_03_2i2j2m2n_0006_2io2mq	199
O3-Stacking	POSCAR_010t3k8_03_2i2j2m2n_0007_2io2nr	199
O3-Stacking	POSCAR_010t3k8_03_2i2j2m2n_0008_2jp2mq	199
O3-Stacking	POSCAR_010t3k8_03_2i2j2m2n_0009_2jp2nr	199
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O3-Stacking	POSCAR_010t3k8_02_1a4o1h1g1b_0014_1hq1gr1bs	200
O3-Stacking	POSCAR_010t3k8_02_1a4o1h1g1b_0013_1ao1gr1bs	200
O3-Stacking	POSCAR_010t3k8_02_1a4o1h1g1b_0012_1ao1hq1bs	200
O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0027_2mo1ep1fr	201
O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0036_1bq1hs2mt	201
O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0033_1ep1fr2mt	201
O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0030_2mo1bq1hs	201
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O3-Stacking	POSCAR_010t3k8_11_2m2n2n1g1c_0019_2mo2np1gr	203
O3-Stacking	POSCAR_010t3k8_11_2m2n2n1g1c_0022_2mo2nq1cs	203
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0013_2mo1gp	204
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0020_2nq1bt	204
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0014_2mo1dr	204
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0019_2nq1fs	204
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O3-Stacking	POSCAR_012t3k6_11_2a4g4h2c_0014_4gp4hq2cr	206
O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0028_2mo1ep1hs	207
O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0029_2mo1bq1fr	207
O3-Stacking	POSCAR_010t3k8_10_2m1e1b1f1h2m_0034_1ep1hs2mt	207

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O3-Stacking	POSCAR_148t2k7_02_18f3a_0001_3ap	208
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O3-Stacking	POSCAR_010t3k8_11_2m2n2n1g1c_0011_2nq1gr	209
O3-Stacking	POSCAR_010t3k8_05_2i1c1f1h1g2j_0043_2io1cp1fq1hr	210
O3-Stacking	POSCAR_010t3k8_05_2i1c1f1h1g2j_0049_1cp1hr1gs2jt	210
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O3-Stacking	POSCAR_010t3k8_05_2i1c1f1h1g2j_0050_1fq1hr1gs2jt	210
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O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0010_1br1ds	211
O3-Stacking	POSCAR_012t3k4_12_2a4i2d_0002_2dq	211
O3-Stacking	POSCAR_012t3k4_12_2a4i2d_0001_2ao	211
O3-Stacking	POSCAR_012t3k6_11_2a4g4h2c_0011_2ao4gp2cr	212
O3-Stacking	POSCAR_012t3k6_11_2a4g4h2c_0012_2ao4hq2cr	212
O3-Stacking	POSCAR_010t3k8_17_2i2j2j1b1a_0010_2jp1as	213
O3-Stacking	POSCAR_010t3k8_17_2i2j2j1b1a_0011_2jq1br	213
O3-Stacking	POSCAR_010t3k8_17_2i2j2j1b1a_0009_2jp1br	214
O3-Stacking	POSCAR_010t3k8_17_2i2j2j1b1a_0012_2jq1as	214
O3-Stacking	POSCAR_012t3k6_03_4i4i2a2d_0007_4io2dr	215
O3-Stacking	POSCAR_012t3k6_03_4i4i2a2d_0008_4ip2aq	215
O3-Stacking	POSCAR_012t3k6_16_4i4i2a2c_0003_4io	216
O3-Stacking	POSCAR_012t3k6_16_4i4i2a2c_0004_4ip	216
O3-Stacking	POSCAR_010t3k8_17_2i2j2j1b1a_0013_2io2jp	217
O3-Stacking	POSCAR_010t3k8_17_2i2j2j1b1a_0014_2io2jq	217
O3-Stacking	POSCAR_146t4k7_02_9b9b3a_0004_9bo3aq	218
O3-Stacking	POSCAR_146t4k7_02_9b9b3a_0005_9bp3aq	218
O3-Stacking	POSCAR_010t3k8_15_2m2m1e2n1h_0027_2mo1eq2nr1hs	219
O3-Stacking	POSCAR_010t3k8_15_2m2m1e2n1h_0028_2mp1eq2nr1hs	219
O3-Stacking	POSCAR_010t3k8_05_2i1c1f1h1g2j_0021_1cp1fq1hr	220
O3-Stacking	POSCAR_010t3k8_05_2i1c1f1h1g2j_0022_1cp1fq1gs	220
O3-Stacking	POSCAR_010t3k8_05_2i1c1f1h1g2j_0024_1fq1hr1gs	220
O3-Stacking	POSCAR_010t3k8_05_2i1c1f1h1g2j_0023_1cp1hr1gs	220
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O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0046_2mo1br1ds1ct	221
O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0048_2np1hq1br1ct	221
O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0047_2np1hq1br1ds	221
O3-Stacking	POSCAR_010t3k8_17_2i2j2j1b1a_0020_2io2jp1as	222
O3-Stacking	POSCAR_010t3k8_17_2i2j2j1b1a_0021_2io2jq1br	222
O3-Stacking	POSCAR_146t4k7_02_9b9b3a_0006_9bo9bp	223
O3-Stacking	POSCAR_148t2k7_02_18f3a_0002_18fo	223
O3-Stacking	POSCAR_012t3k6_10_4i4i2a2c_0013_4io4ip2aq	224
O3-Stacking	POSCAR_012t3k6_10_4i4i2a2c_0014_4io4ip2cr	224

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O3-Stacking	POSCAR_010t3k8_01_2m2n2n2m_0012_2mo2np2mr	225
O3-Stacking	POSCAR_010t3k8_01_2m2n2n2m_0014_2np2nq2mr	225
O3-Stacking	POSCAR_010t3k8_01_2m2n2n2m_0013_2mo2nq2mr	225
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O3-Stacking	POSCAR_012t3k6_06_2a4i4i2d_0009_4iq2dr	226
O3-Stacking	POSCAR_010t3k8_11_2m2n2n1g1c_0020_2mo2np1cs	227
O3-Stacking	POSCAR_010t3k8_11_2m2n2n1g1c_0021_2mo2nq1gr	227
O3-Stacking	POSCAR_012t3k6_10_4i4i2a2c_0007_4io2cr	228
O3-Stacking	POSCAR_012t3k6_10_4i4i2a2c_0008_4ip2aq	228
O3-Stacking	POSCAR_010t3k8_16_2m2n2n1c1a_0026_2mo2np1cr1as	229
O3-Stacking	POSCAR_010t3k8_16_2m2n2n1c1a_0027_2mo2nq1cr1as	229
O3-Stacking	POSCAR_010t3k6_01_2m2n1e1a_0006_2mo1eq	230
O3-Stacking	POSCAR_010t3k6_01_2m2n1e1a_0009_2np1ar	230
O3-Stacking	POSCAR_012t3k6_09_4i4i4i_0005_4io4iq	231
O3-Stacking	POSCAR_012t3k6_09_4i4i4i_0006_4ip4iq	231
O3-Stacking	POSCAR_010t3k8_15_2m2m1e2n1h_0022_2mo2nr1hs	232
O3-Stacking	POSCAR_010t3k8_15_2m2m1e2n1h_0023_2mp1eq2nr	232
O3-Stacking	POSCAR_010t3k6_01_2m2n1e1a_0013_2mo2np1eq	233
O3-Stacking	POSCAR_010t3k6_01_2m2n1e1a_0014_2mo2np1ar	233
O3-Stacking	POSCAR_012t3k6_01_4i2a4i2c_0007_4io2cr	234
O3-Stacking	POSCAR_012t3k6_01_4i2a4i2c_0008_2ap4iq	234
O3-Stacking	POSCAR_012t3k6_16_4i4i2a2c_0013_4io4ip2aq	235
O3-Stacking	POSCAR_012t3k6_16_4i4i2a2c_0014_4io4ip2cr	235
O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0028_2mo1hq1ct	236
O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0035_2np1br1ds	236
O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0034_2np1hq1ct	236
O3-Stacking	POSCAR_010t3k8_08_2m2n1h1b1d1c_0029_2mo1br1ds	236
O3-Stacking	POSCAR_010t3k8_11_2m2n2n1g1c_0004_2np	237
O3-Stacking	POSCAR_010t3k8_11_2m2n2n1g1c_0005_2nq	237
O3-Stacking	POSCAR_010t3k8_09_2m2m2n1b1f_0001_1br	238
O3-Stacking	POSCAR_010t3k8_09_2m2m2n1b1f_0002_1fs	238
O3-Stacking	POSCAR_012t3k6_08_4i4i4i_0004_4io4ip	239
O3-Stacking	POSCAR_012t3k6_08_4i4i4i_0005_4io4iq	239
O3-Stacking	POSCAR_010t3k8_17_2i2j2j1b1a_0007_2io1br	240
O3-Stacking	POSCAR_010t3k8_17_2i2j2j1b1a_0008_2io1as	240
O3-Stacking	POSCAR_010t3k8_05_2i1c1f1h1g2j_0028_2io1cp1gs	241
O3-Stacking	POSCAR_010t3k8_05_2i1c1f1h1g2j_0029_2io1fq1hr	241
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O3-Stacking	POSCAR_010t3k8_17_2i2j2j1b1a_0024_2jp2jq1as	242
O3-Stacking	POSCAR_010t3k8_17_2i2j2j1b1a_0004_2jp	243

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O3-Stacking	POSCAR_010t3k6_04_2m1e2n1a_0001_1ep	244
O3-Stacking	POSCAR_010t3k6_04_2m1e2n1a_0002_1ar	244
O3-Stacking	POSCAR_010t3k8_16_2m2n2n1c1a_0010_2np1as	245
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O3-Stacking	POSCAR_010t3k6_04_2m1e2n1a_0009_2nq1ar	246
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O3-Stacking	POSCAR_010t3k8_05_2i1c1f1h1g2j_0060_2io1cp1fq1gs2jt	247
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O3-Stacking	POSCAR_010t3k6_02_2m2n1a1h_0004_2np	248
O3-Stacking	POSCAR_012t3k6_06_2a4i4i2d_0001_2ao	249
O3-Stacking	POSCAR_012t3k6_06_2a4i4i2d_0002_2dr	249
O3-Stacking	POSCAR_010t3k8_11_2m2n2n1g1c_0026_2mo2np1gr1cs	250
O3-Stacking	POSCAR_010t3k8_11_2m2n2n1g1c_0027_2mo2nq1gr1cs	250
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O3-Stacking	POSCAR_012t3k6_17_4i4i4i_0005_4io4iq	251
O3-Stacking	POSCAR_010t3k8_11_2m2n2n1g1c_0029_2mo2np2nq1gr	252
O3-Stacking	POSCAR_010t3k8_11_2m2n2n1g1c_0030_2mo2np2nq1cs	252
O3-Stacking	POSCAR_010t3k6_01_2m2n1e1a_0003_2mo	253
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O3-Stacking	POSCAR_010t3k6_02_2m2n1a1h_0001_1aq	254
O3-Stacking	POSCAR_010t3k6_02_2m2n1a1h_0002_1hr	254
O3-Stacking	POSCAR_010t3k6_04_2m1e2n1a_0013_2mo1ep2nq	255
O3-Stacking	POSCAR_010t3k6_04_2m1e2n1a_0014_2mo2nq1ar	255
O3-Stacking	POSCAR_012t3k6_10_4i4i2a2c_0001_2aq	256
O3-Stacking	POSCAR_012t3k6_10_4i4i2a2c_0002_2cr	256
O3-Stacking	POSCAR_010t3k6_04_2m1e2n1a_0011_2mo1ep1ar	257
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O3-Stacking	POSCAR_010t3k8_16_2m2n2n1c1a_0001_1cr	258
O3-Stacking	POSCAR_010t3k8_16_2m2n2n1c1a_0002_1as	258
O3-Stacking	POSCAR_012t3k6_15_4i4i2c2a_0013_4io4ip2cq	259
O3-Stacking	POSCAR_012t3k6_15_4i4i2c2a_0014_4io4ip2ar	259
O3-Stacking	POSCAR_010t3k8_05_2i1c1f1h1g2j_0015_2io1hr	260
O3-Stacking	POSCAR_010t3k8_05_2i1c1f1h1g2j_0018_1fq2jt	260
O3-Stacking	POSCAR_010t3k8_05_2i1c1f1h1g2j_0017_1cp2jt	260
O3-Stacking	POSCAR_010t3k8_05_2i1c1f1h1g2j_0016_2io1gs	260
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0028_2mo1gp1bt	261
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O3-Stacking	POSCAR_012t3k4_02_4i2a2c_0001_2ap	263
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0010_1dr1fs	263
O3-Stacking	POSCAR_012t3k6_04_4i4i4i_0002_4ip	264
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O3-Stacking	POSCAR_010t3k8_16_2m2n2n1c1a_0019_2mo2np1cr	265
O3-Stacking	POSCAR_010t3k8_16_2m2n2n1c1a_0022_2mo2nq1as	265
O3-Stacking	POSCAR_010t3k8_15_2m2m1e2n1h_0021_2mo1eq2nr	266
O3-Stacking	POSCAR_010t3k8_15_2m2m1e2n1h_0024_2mp2nr1hs	266
O3-Stacking	POSCAR_012t3k6_18_4g4h2a2c_0001_2aq	267
O3-Stacking	POSCAR_012t3k6_18_4g4h2a2c_0002_2cr	267
O3-Stacking	POSCAR_012t3k6_02_2a2c4i4i_0003_4iq	268
O3-Stacking	POSCAR_012t3k6_02_2a2c4i4i_0004_4ir	268
O3-Stacking	POSCAR_010t3k8_15_2m2m1e2n1h_0014_2mo2nr	269
O3-Stacking	POSCAR_010t3k8_15_2m2m1e2n1h_0015_2mp2nr	269
O3-Stacking	POSCAR_012t3k6_18_4g4h2a2c_0011_4go2aq2cr	270
O3-Stacking	POSCAR_012t3k6_18_4g4h2a2c_0012_4hp2aq2cr	270
O3-Stacking	POSCAR_010t3k8_12_4o1g1b1h1a_0017_4oo1gp	271
O3-Stacking	POSCAR_010t3k8_12_4o1g1b1h1a_0020_4oo1as	271
O3-Stacking	POSCAR_010t3k8_12_4o1g1b1h1a_0019_4oo1hr	271
O3-Stacking	POSCAR_010t3k8_12_4o1g1b1h1a_0018_4oo1bq	271
O3-Stacking	POSCAR_010t3k8_09_2m2m2n1b1f_0021_2mo2nq1br	272
O3-Stacking	POSCAR_010t3k8_09_2m2m2n1b1f_0024_2mp2nq1fs	272
O3-Stacking	POSCAR_012t3k6_16_4i4i2a2c_0001_2aq	273
O3-Stacking	POSCAR_012t3k6_16_4i4i2a2c_0002_2cr	273
O3-Stacking	POSCAR_012t3k6_01_4i2a4i2c_0001_2ap	274
O3-Stacking	POSCAR_012t3k6_01_4i2a4i2c_0002_2cr	274
O3-Stacking	POSCAR_010t3k8_09_2m2m2n1b1f_0007_2mo1br	275
O3-Stacking	POSCAR_010t3k8_09_2m2m2n1b1f_0010_2mp1fs	275
O3-Stacking	POSCAR_012t3k6_06_2a4i4i2d_0013_2ao4ip4iq	276
O3-Stacking	POSCAR_012t3k6_06_2a4i4i2d_0014_4ip4iq2dr	276
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0015_2mo1fs	277
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0017_1gp2nq	277
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0018_2nq1dr	277
O3-Stacking	POSCAR_010t3k8_04_2m1g2n1d1f1b_0016_2mo1bt	277
O3-Stacking	POSCAR_010t3k8_15_2m2m1e2n1h_0001_1eq	278
O3-Stacking	POSCAR_010t3k8_15_2m2m1e2n1h_0002_1hs	278
O3-Stacking	POSCAR_012t3k6_07_4i4i4i_0001_4io	279
O3-Stacking	POSCAR_012t3k6_07_4i4i4i_0003_4iq	279
O3-Stacking	POSCAR_010t3k6_03_2i2k1f1a_0001_1fq	280

O3-Stacking	POSCAR_010t3k6_03_2i2k1f1a_0002_1ar	280
O3-Stacking	POSCAR_012t3k6_03_4i4i2a2d_0013_4io4ip2aq	281
O3-Stacking	POSCAR_012t3k6_03_4i4i2a2d_0014_4io4ip2dr	281
O3-Stacking	POSCAR_012t3k6_10_4i4i2a2c_0003_4io	282
O3-Stacking	POSCAR_012t3k6_10_4i4i2a2c_0004_4ip	282
O3-Stacking	POSCAR_010t3k8_16_2m2n2n1c1a_0007_2mo1cr	283
O3-Stacking	POSCAR_010t3k8_16_2m2n2n1c1a_0008_2mo1as	283
O3-Stacking	POSCAR_012t3k6_18_4g4h2a2c_0003_4go	284
O3-Stacking	POSCAR_012t3k6_18_4g4h2a2c_0004_4hp	284
O3-Stacking	POSCAR_010t3k6_02_2m2n1a1h_0007_2mo1hr	285
O3-Stacking	POSCAR_010t3k6_02_2m2n1a1h_0008_2np1aq	285
O3-Stacking	POSCAR_012t3k6_02_2a2c4i4i_0001_2ao	286
O3-Stacking	POSCAR_012t3k6_02_2a2c4i4i_0002_2cp	286
O3-Stacking	POSCAR_012t3k6_15_4i4i2c2a_0003_4io	287
O3-Stacking	POSCAR_012t3k6_15_4i4i2c2a_0004_4ip	287
O3-Stacking	POSCAR_010t3k8_15_2m2m1e2n1h_0011_1eq2nr	288
O3-Stacking	POSCAR_010t3k8_15_2m2m1e2n1h_0012_2nr1hs	288
O3-Stacking	POSCAR_010t3k8_15_2m2m1e2n1h_0003_2mo	289
O3-Stacking	POSCAR_010t3k8_15_2m2m1e2n1h_0004_2mp	289
O3-Stacking	POSCAR_010t3k8_09_2m2m2n1b1f_0008_2mo1fs	290
O3-Stacking	POSCAR_010t3k8_09_2m2m2n1b1f_0009_2mp1br	290
O3-Stacking	POSCAR_012t3k6_16_4i4i2a2c_0007_4io2cr	291
O3-Stacking	POSCAR_012t3k6_16_4i4i2a2c_0008_4ip2aq	291
O3-Stacking	POSCAR_010t3k8_16_2m2n2n1c1a_0029_2mo2np2nq1cr	292
O3-Stacking	POSCAR_010t3k8_16_2m2n2n1c1a_0030_2mo2np2nq1as	292
O3-Stacking	POSCAR_010t3k6_03_2i2k1f1a_0006_2io1fq	293
O3-Stacking	POSCAR_010t3k6_03_2i2k1f1a_0009_2kp1ar	293
O3-Stacking	POSCAR_012t3k6_06_2a4i4i2d_0003_4ip	294
O3-Stacking	POSCAR_012t3k6_06_2a4i4i2d_0004_4iq	294
O3-Stacking	POSCAR_012t3k6_15_4i4i2c2a_0001_2cq	295
O3-Stacking	POSCAR_012t3k6_15_4i4i2c2a_0002_2ar	295
O3-Stacking	POSCAR_010t3k8_11_2m2n2n1g1c_0017_2np1gr1cs	296
O3-Stacking	POSCAR_010t3k8_11_2m2n2n1g1c_0018_2nq1gr1cs	296
O3-Stacking	POSCAR_010t3k8_11_2m2n2n1g1c_0001_1gr	297
O3-Stacking	POSCAR_010t3k8_11_2m2n2n1g1c_0002_1cs	297
O3-Stacking	POSCAR_010t3k8_16_2m2n2n1c1a_0017_2np1cr1as	298
O3-Stacking	POSCAR_010t3k8_16_2m2n2n1c1a_0018_2nq1cr1as	298
O3-Stacking	POSCAR_012t3k6_16_4i4i2a2c_0011_4io2aq2cr	299
O3-Stacking	POSCAR_012t3k6_16_4i4i2a2c_0012_4ip2aq2cr	299
O3-Stacking	POSCAR_010t3k8_16_2m2n2n1c1a_0009_2np1cr	300
O3-Stacking	POSCAR_010t3k8_16_2m2n2n1c1a_0012_2nq1as	300
O3-Stacking	POSCAR_012t3k6_08_4i4i4i_0002_4ip	301
O3-Stacking	POSCAR_012t3k6_08_4i4i4i_0003_4iq	301

O3-Stacking	POSCAR_010t3k8_17_2i2j2j1b1a_0019_2io2jp1br	302
O3-Stacking	POSCAR_010t3k8_17_2i2j2j1b1a_0022_2io2jq1as	302
O3-Stacking	POSCAR_010t3k8_09_2m2m2n1b1f_0003_2mo	303
O3-Stacking	POSCAR_010t3k8_09_2m2m2n1b1f_0004_2mp	303
O3-Stacking	POSCAR_010t3k6_01_2m2n1e1a_0001_1eq	304
O3-Stacking	POSCAR_010t3k6_01_2m2n1e1a_0002_1ar	304
O3-Stacking	POSCAR_012t3k6_19_4i4i4i_0001_4io	305
O3-Stacking	POSCAR_012t3k6_19_4i4i4i_0003_4iq	305
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0219_3ao3ap3aq3ar3	0
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0219_3ao3ap3aq3ar3	0
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0224_3ao3ap3aq3ar3	0
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0245_3ap3ar3as3at3a	0
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0243_3ap3aq3ar3at3	0
H1-3_Stacking	POSCAR_155t2k8_04_6c6c3b3a6c_0026_6co6cp3bq3ar	0
H1-3_Stacking	POSCAR_166t1k8_01_3a6c6c6c3b_0028_3ao6cq6cr3bs	0
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0235_3ao3aq3ar3as3	0
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0238_3ao3aq3as3at3	0
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0235_3ao3aq3ar3as3	0
H1-3_Stacking	POSCAR_155t2k8_04_6c6c3b3a6c_0027_6co3bq3ar6cs	0
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0243_3ap3aq3ar3at3	0
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0245_3ap3ar3as3at3a	0
H1-3_Stacking	POSCAR_148t2k8_01_3a6c6c6c3b_0028_3ao6cq6cr3bs	0
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0224_3ao3ap3aq3ar3	0
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0231_3ao3ap3ar3as3	0
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0225_3ao3ap3aq3as3	0
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0225_3ao3ap3aq3as3	0
H1-3_Stacking	POSCAR_148t2k8_01_3a6c6c6c3b_0026_3ao6cp6cq3bs	0
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H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0076_3aq3ar3av	1
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H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0180_3ao3ap3as3at3	2
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H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0177_3ao3ap3ar3at3	2
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H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0206_3ap3aq3as3au3	2
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H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0186_3ao3aq3ar3at3	2
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H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0213_3aq3ar3as3at3a	2
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H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0206_3ap3aq3as3au3	2
H1-3_Stacking	POSCAR_143t4k6_01_1a1c1b1a1c1b_0001_1ao	3
H1-3_Stacking	POSCAR_143t4k6_01_1a1c1b1a1c1b_0003_1bq	3
H1-3_Stacking	POSCAR_143t4k6_01_1a1c1b1a1c1b_0006_1bt	3
H1-3_Stacking	POSCAR_147t2k6_02_2d1b2d1a_0002_1ar	3
H1-3_Stacking	POSCAR_156t2k6_01_1c1b1a1c1b1a_0001_1co	3
H1-3_Stacking	POSCAR_143t4k6_01_1a1c1b1a1c1b_0005_1cs	3
H1-3_Stacking	POSCAR_143t4k6_01_1a1c1b1a1c1b_0002_1cp	3
H1-3_Stacking	POSCAR_156t2k6_01_1c1b1a1c1b1a_0003_1aq	3
H1-3_Stacking	POSCAR_150t2k6_02_2d2d1a1b_0001_1aq	3
H1-3_Stacking	POSCAR_156t2k6_01_1c1b1a1c1b1a_0002_1bp	3
H1-3_Stacking	POSCAR_147t2k6_02_2d1b2d1a_0001_1bp	3
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H1-3_Stacking	POSCAR_164t1k6_02_1a2d2d1b_0002_1br	3
H1-3_Stacking	POSCAR_156t2k6_01_1c1b1a1c1b1a_0006_1at	3
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H1-3_Stacking	POSCAR_164t1k6_02_1a2d2d1b_0001_1ao	3
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H1-3_Stacking	POSCAR_143t4k6_01_1a1c1b1a1c1b_0026_1ao1bq1ar	4
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H1-3_Stacking	POSCAR_143t4k6_01_1a1c1b1a1c1b_0030_1ao1ar1bt	4
H1-3_Stacking	POSCAR_156t2k6_01_1c1b1a1c1b1a_0029_1co1cr1bs	4
H1-3_Stacking	POSCAR_156t2k6_01_1c1b1a1c1b1a_0037_1bp1bs1at	4
H1-3_Stacking	POSCAR_156t2k6_01_1c1b1a1c1b1a_0030_1co1cr1at	4
H1-3_Stacking	POSCAR_143t4k6_01_1a1c1b1a1c1b_0040_1bq1cs1bt	4
H1-3_Stacking	POSCAR_143t4k6_01_1a1c1b1a1c1b_0033_1cp1bq1cs	4
H1-3_Stacking	POSCAR_143t4k6_01_1a1c1b1a1c1b_0029_1ao1ar1cs	4

H1-3_Stacking	POSCAR_143t4k6_01_1a1c1b1a1c1b_0024_1ao1cp1cs	4
H1-3_Stacking	POSCAR_143t4k6_01_1a1c1b1a1c1b_0037_1cp1cs1bt	4
H1-3_Stacking	POSCAR_143t4k6_01_1a1c1b1a1c1b_0034_1cp1bq1bt	4
H1-3_Stacking	POSCAR_156t2k6_01_1c1b1a1c1b1a_0026_1co1aq1cr	4
H1-3_Stacking	POSCAR_156t2k6_01_1c1b1a1c1b1a_0035_1bp1cr1bs	4
H1-3_Stacking	POSCAR_143t4k6_01_1a1c1b1a1c1b_0039_1bq1ar1bt	4
H1-3_Stacking	POSCAR_156t2k6_01_1c1b1a1c1b1a_0039_1aq1cr1at	4
H1-3_Stacking	POSCAR_156t2k6_01_1c1b1a1c1b1a_0033_1bp1aq1bs	4
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0167_3ao3ap3aq3as3	5
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0211_3ap3ar3at3au3	5
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0183_3ao3aq3ar3as3	5
H1-3_Stacking	POSCAR_155t2k8_04_6c6c3b3a6c_0023_6cp3bq6cs	5
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0189_3ao3aq3as3at3	5
H1-3_Stacking	POSCAR_155t2k8_04_6c6c3b3a6c_0024_6cp3ar6cs	5
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0203_3ap3aq3ar3au3	5
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0189_3ao3aq3as3at3	5
H1-3_Stacking	POSCAR_166t1k8_01_3a6c6c6c3b_0023_6cp6cr3bs	5
H1-3_Stacking	POSCAR_148t2k8_01_3a6c6c6c3b_0020_3ao6cp6cr	5
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0211_3ap3ar3at3au3	5
H1-3_Stacking	POSCAR_148t2k8_01_3a6c6c6c3b_0023_6cp6cr3bs	5
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0190_3ao3aq3as3at3	5
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0210_3ap3ar3as3au3	5
H1-3_Stacking	POSCAR_166t1k8_01_3a6c6c6c3b_0020_3ao6cp6cr	5
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0203_3ap3aq3ar3au3	5
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0167_3ao3ap3aq3as3	5
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0190_3ao3aq3as3at3	5
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0210_3ap3ar3as3au3	5
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0178_3ao3ap3ar3au3	5
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0178_3ao3ap3ar3au3	5
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0183_3ao3aq3ar3as3	5
H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a3a_0069_3ao3ap3ar3at	6
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0078_3ao3aq3as3au	6
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0091_3ap3ar3as3au	6
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0069_3ao3ap3ar3at	6
H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a3a_0088_3ap3aq3as3au	6
H1-3_Stacking	POSCAR_166t1k7_01_6c3a6c6c_0009_6co6cr	6
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0075_3ao3aq3ar3at	6
H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a3a_0079_3ao3aq3at3au	6
H1-3_Stacking	POSCAR_148t2k7_01_6c6c6c3a_0010_6cp6cq	6
H1-3_Stacking	POSCAR_155t2k7_01_3a6c6c6c_0009_6cp6cr	6
H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a3a_0075_3ao3aq3ar3at	6
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0090_3ap3ar3as3at	6
H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a3a_0078_3ao3aq3as3au	6

H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a3a_0090_3ap3ar3as3at	6
H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a3a_0091_3ap3ar3as3au	6
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0079_3ao3aq3at3au	6
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0088_3ap3aq3as3au	6
H1-3_Stacking	POSCAR_146t4k5_01_3a3a3a3a3a_0006_3ao3ap	7
H1-3_Stacking	POSCAR_146t4k5_01_3a3a3a3a3a_0010_3ap3aq	7
H1-3_Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0015_3ar3as	7
H1-3_Stacking	POSCAR_148t2k5_01_6c6c3a_0002_6co	7
H1-3_Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0009_3ao3as	7
H1-3_Stacking	POSCAR_166t1k5_01_6c6c3a_0002_6co	7
H1-3_Stacking	POSCAR_146t4k5_01_3a3a3a3a3a_0013_3aq3ar	7
H1-3_Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0006_3ao3ap	7
H1-3_Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0010_3ap3aq	7
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H1-3_Stacking	POSCAR_155t2k5_01_6c6c3a_0002_6co	7
H1-3_Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0013_3aq3ar	7
H1-3_Stacking	POSCAR_146t4k5_01_3a3a3a3a3a_0009_3ao3as	7
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H1-3_Stacking	POSCAR_166t1k8_01_3a6c6c6c3b_0021_3ao6cq6cr	8
H1-3_Stacking	POSCAR_166t1k8_01_3a6c6c6c3b_0022_6cp6cq3bs	8
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a3a_0185_3ao3aq3ar3as3	8
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a3a_0208_3ap3ar3as3at3a	8
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a3a_0175_3ao3ap3ar3as3	8
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a3a_0185_3ao3aq3ar3as3	8
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a3a_0207_3ap3aq3at3au3	8
H1-3_Stacking	POSCAR_155t2k8_04_6c6c3b3a6c_0020_6co6cp3ar	8
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a3a_0192_3ao3aq3at3au3	8
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H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a3a_0208_3ap3ar3as3at3a	8
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H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a3a_0008_3av	9
H1-3_Stacking	POSCAR_166t1k8_01_3a6c6c6c3b_0001_3ao	9
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a3a_0007_3au	9

H1-3_Stacking	POSCAR_166t1k8_01_3a6c6c6c3b_0002_3bs	9
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0006_3at	9
H1-3_Stacking	POSCAR_155t2k8_04_6c6c3b3a6c_0001_3bq	9
H1-3_Stacking	POSCAR_148t2k8_01_3a6c6c6c3b_0001_3ao	9
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0004_3ar	9
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0002_3ap	9
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0003_3aq	9
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0006_3at	9
H1-3_Stacking	POSCAR_155t2k8_04_6c6c3b3a6c_0002_3ar	9
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0001_3ao	9
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0005_3as	9
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0004_3ar	9
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H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0008_3av	9
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H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0007_3au	9
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0003_3aq	9
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H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0007_3au	10
H1-3_Stacking	POSCAR_155t2k7_01_3a6c6c6c_0001_3ao	10
H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a3a_0007_3au	10
H1-3_Stacking	POSCAR_166t1k7_01_6c3a6c6c_0001_3ap	10
H1-3_Stacking	POSCAR_148t2k7_01_6c6c6c3a_0001_3ar	10
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0006_3at	10
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0001_3ao	10
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0002_3ap	10
H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a3a_0004_3ar	10
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0003_3aq	10
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H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0005_3as	10
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H1-3_Stacking	POSCAR_166t1k8_01_3a6c6c6c3b_0016_3ao6cp3bs	11
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H1-3_Stacking	POSCAR_155t2k8_04_6c6c3b3a6c_0018_3bq3ar6cs	11
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H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0018_3ap3as	12
H1-3_Stacking	POSCAR_166t1k8_04_6c6c6c6c_0002_6cp	12
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0025_3aq3au	12
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0026_3aq3av	12
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0019_3ap3at	12
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0011_3ao3ar	12
H1-3_Stacking	POSCAR_155t2k8_03_6c6c6c6c_0002_6cp	12
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0027_3ar3as	12
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H1-3_Stacking	POSCAR_148t2k8_03_6c6c6c6c_0002_6cp	12
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0034_3at3au	12
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H1-3_Stacking	POSCAR_148t2k8_03_6c6c6c6c_0001_6co	12
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0026_3aq3av	12
H1-3_Stacking	POSCAR_166t1k8_04_6c6c6c6c_0003_6cq	12
H1-3_Stacking	POSCAR_155t2k8_03_6c6c6c6c_0003_6cq	12
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0027_3ar3as	12
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H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0045_3ao3aq3at	13
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H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0044_3ao3aq3as	13
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H1-3_Stacking	POSCAR_148t2k8_01_3a6c6c6c3b_0008_3ao6cq	13
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0088_3ar3au3av	13
H1-3_Stacking	POSCAR_166t1k8_01_3a6c6c6c3b_0008_3ao6cq	13
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0072_3ap3au3av	13
H1-3_Stacking	POSCAR_166t1k8_01_3a6c6c6c3b_0011_6cq3bs	13
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0052_3ao3as3at	13
H1-3_Stacking	POSCAR_155t2k8_04_6c6c3b3a6c_0008_6co3ar	13
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0045_3ao3aq3at	13
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0077_3aq3as3at	13
H1-3_Stacking	POSCAR_148t2k8_01_3a6c6c6c3b_0011_6cq3bs	13
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0088_3ar3au3av	13
H1-3_Stacking	POSCAR_143t4k6_01_1a1c1b1a1c1b_0027_1ao1bq1cs	14
H1-3_Stacking	POSCAR_160t2k2_01_3a3a_0002_3ap	14
H1-3_Stacking	POSCAR_161t2k8_02_6a6a6a6a_0006_6ao6aq	14
H1-3_Stacking	POSCAR_155t2k2_02_3b3a_0001_3bo	14
H1-3_Stacking	POSCAR_166t1k4_03_6c3b3a_0004_3bp3aq	14
H1-3_Stacking	POSCAR_156t2k6_01_1c1b1a1c1b1a_0036_1bp1cr1at	14
H1-3_Stacking	POSCAR_154t2k6_02_3b3a_0002_3ap	14
H1-3_Stacking	POSCAR_146t4k8_02_9b9b3a3a_0007_9bo3ar	14
H1-3_Stacking	POSCAR_148t2k2_01_3a3b_0001_3ao	14
H1-3_Stacking	POSCAR_145t4k6_01_3a3a_0001_3ao	14
H1-3_Stacking	POSCAR_167t1k4_01_6a6b_0001_6ao	14
H1-3_Stacking	POSCAR_155t2k4_01_6c3b3a_0004_3bp3aq	14
H1-3_Stacking	POSCAR_146t4k2_01_3a3a_0002_3ap	14
H1-3_Stacking	POSCAR_166t1k4_03_6c3b3a_0003_6co	14
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H1-3_Stacking	POSCAR_148t2k8_01_3a6c6c6c3b_0017_3ao6cq3bs	14
H1-3_Stacking	POSCAR_152t2k6_01_3b3a_0002_3ap	14
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H1-3_Stacking	POSCAR_155t2k8_04_6c6c3b3a6c_0015_6cp6cs	14
H1-3_Stacking	POSCAR_161t2k8_02_6a6a6a6a_0009_6ap6ar	14
H1-3_Stacking	POSCAR_144t4k6_01_3a3a_0001_3ao	14

H1-3_Stacking	POSCAR_144t4k6_01_3a3a_0002_3ap	14
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H1-3_Stacking	POSCAR_146t4k2_01_3a3a_0001_3ao	14
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H1-3_Stacking	POSCAR_161t2k8_01_18b6a_0001_6ap	15
H1-3_Stacking	POSCAR_148t2k4_03_3a9e_0001_3ao	15
H1-3_Stacking	POSCAR_148t2k8_02_18f6c_0001_6cp	15
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H1-3_Stacking	POSCAR_143t4k3_01_1c1b1a_0005_1co1aq	17
H1-3_Stacking	POSCAR_164t1k6_01_2c2d2d_0006_2dp2dq	17
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H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0032_3as3au	18
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0035_3at3av	18
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H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0028_3ar3at	18
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H1-3_Stacking	POSCAR_155t2k8_03_6c6c6c6c_0001_6co	18
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H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a_0080_3ao3ar3as3at	21
H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a_0068_3ao3ap3ar3as	21
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a_0067_3ao3ap3aq3au	21
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a_0082_3ao3ar3at3au	21

H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a_0066_3ao3ap3aq3at	21
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a_0093_3ap3as3at3au	21
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a_0097_3aq3as3at3au	21
H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a_0095_3aq3ar3as3au	21
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a_0084_3ap3aq3ar3as	21
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H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a_0067_3ao3ap3aq3au	21
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a_0068_3ao3ap3ar3as	21
H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a_0082_3ao3ar3at3au	21
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H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a_0081_3ao3ar3as3au	22
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H1-3_Stacking	POSCAR_148t2k7_01_6c6c6c3a_0009_6co6cq	22
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a_0089_3ap3aq3at3au	22
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H1-3_Stacking	POSCAR_155t2k8_04_6c6c3b3a6c_0022_6co3ar6cs	23
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H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0168_3ao3ap3aq3as3	23
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H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a_0113_3ao3ar3as3at3au	29
H1-3_Stacking	POSCAR_166t1k7_01_6c3a6c6c_0011_6co3ap6cq	29
H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a_0108_3ao3ap3as3at3au	29
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a_0119_3aq3ar3as3at3au	29
H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a_0116_3ap3aq3ar3at3au	29

H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a3a_0101_3ao3ap3aq3ar3au	29
H1-3_Stacking	POSCAR_146t4k4_01_3a3a3a3a_0005_3ao3ap	30
H1-3_Stacking	POSCAR_161t2k8_02_6a6a6a6a_0010_6aq6ar	30
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a3a_0134_3ap3aq3as3av	30
H1-3_Stacking	POSCAR_167t1k8_04_12c12c_0001_12co	30
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a3a_0149_3aq3ar3as3au	30
H1-3_Stacking	POSCAR_155t2k8_03_6c6c6c6c_0007_6co6cr	30
H1-3_Stacking	POSCAR_148t2k8_03_6c6c6c6c_0010_6cq6cr	30
H1-3_Stacking	POSCAR_160t2k4_01_3a3a3a3a_0005_3ao3ap	30
H1-3_Stacking	POSCAR_161t2k8_02_6a6a6a6a_0008_6ap6aq	30
H1-3_Stacking	POSCAR_146t4k4_01_3a3a3a3a_0010_3aq3ar	30
H1-3_Stacking	POSCAR_155t2k4_02_6c6c_0001_6co	30
H1-3_Stacking	POSCAR_167t1k8_04_12c12c_0002_12cp	30
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H1-3_Stacking	POSCAR_148t2k4_02_6c6c_0001_6co	30
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H1-3_Stacking	POSCAR_166t1k4_02_6c6c_0001_6co	30
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H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0118_3ap3ar3as3at3au	31
H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a3a_0103_3ao3ap3aq3as3au	31
H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a3a_0105_3ao3ap3ar3as3at	31

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H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a3a_0112_3ao3aq3as3at3au	31
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H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a3a_0115_3ap3aq3ar3as3au	31
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H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0249_3ao3ap3aq3ar3	37
H1-3_Stacking	POSCAR_148t2k8_01_3a6c6c6c3b_0029_3ao6cp6cq6cr	37
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0248_3ao3ap3aq3ar3	37
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0251_3ao3ap3aq3as3	37
H1-3_Stacking	POSCAR_155t2k8_04_6c6c3b3a6c_0030_6co6cp3ar6cs	37
H1-3_Stacking	POSCAR_155t2k8_04_6c6c3b3a6c_0029_6co6cp3bq6cs	37
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0253_3ao3aq3ar3as3	37
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H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0251_3ao3ap3aq3as3	37
H1-3_Stacking	POSCAR_166t1k8_01_3a6c6c6c3b_0030_6cp6cq6cr3bs	37
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0250_3ao3ap3aq3ar3	37
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H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0254_3ap3aq3ar3as3	37
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0254_3ap3aq3ar3as3	37
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0247_3ao3ap3aq3ar3	37
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H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0138_3ap3ar3as3at	38
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0144_3ap3as3at3au	38
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H1-3_Stacking	POSCAR_155t2k8_03_6c6c6c6c_0009_6cp6cr	38
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H1-3_Stacking	POSCAR_148t2k8_03_6c6c6c6c_0009_6cp6cr	38
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0111_3ao3aq3ar3av	38
H1-3_Stacking	POSCAR_146t4k5_01_3a3a3a3a3a_0007_3ao3aq	39
H1-3_Stacking	POSCAR_148t2k5_01_6c6c3a_0003_6cp	39
H1-3_Stacking	POSCAR_146t4k5_01_3a3a3a3a3a_0014_3aq3as	39

H1-3_Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0014_3aq3as	39
H1-3_Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0012_3ap3as	39
H1-3_Stacking	POSCAR_155t2k5_01_6c6c3a_0003_6cp	39
H1-3_Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0008_3ao3ar	39
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H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0124_3ao3as3at3au	43
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H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0021_3ap3av	44
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H1-3_Stacking	POSCAR_146t4k4_01_3a3a3a3a_0003_3aq	44
H1-3_Stacking	POSCAR_160t2k4_01_3a3a3a3a_0003_3aq	44
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H1-3_Stacking	POSCAR_148t2k4_01_3a6c3b_0001_3ao	44
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H1-3_Stacking	POSCAR_161t2k8_02_6a6a6a6a_0001_6ao	44
H1-3_Stacking	POSCAR_166t1k4_03_6c3b3a_0001_3bp	44
H1-3_Stacking	POSCAR_161t2k8_02_6a6a6a6a_0004_6ar	44
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H1-3_Stacking	POSCAR_155t2k4_01_6c3b3a_0001_3bp	44
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0013_3ao3at	44
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0029_3ar3au	44
H1-3_Stacking	POSCAR_160t2k4_01_3a3a3a3a_0002_3ap	44
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0013_3ao3at	44
H1-3_Stacking	POSCAR_148t2k4_01_3a6c3b_0002_3bq	44
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H1-3_Stacking	POSCAR_167t1k8_02_12c6b6a_0001_6bp	44
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H1-3_Stacking	POSCAR_166t1k4_03_6c3b3a_0002_3aq	44
H1-3_Stacking	POSCAR_155t2k4_01_6c3b3a_0002_3aq	44
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H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0021_3ap3av	44
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H1-3_Stacking	POSCAR_148t2k8_01_3a6c6c6c3b_0006_3ao3bs	44
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H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0029_3ar3au	44
H1-3_Stacking	POSCAR_161t2k8_02_6a6a6a6a_0002_6ap	44
H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a3a_0029_3ao3ap3aq	45
H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a3a_0041_3ao3as3at	45
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0029_3ao3ap3aq	45
H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a3a_0044_3ap3aq3ar	45
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0056_3aq3ar3au	45
H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a3a_0056_3aq3ar3au	45
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0063_3as3at3au	45
H1-3_Stacking	POSCAR_148t2k7_01_6c6c6c3a_0007_6cq3ar	45
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0062_3ar3at3au	45
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0031_3ao3ap3as	45
H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a3a_0063_3as3at3au	45
H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a3a_0031_3ao3ap3as	45
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0044_3ap3aq3ar	45
H1-3_Stacking	POSCAR_155t2k7_01_3a6c6c6c_0005_3ao6cp	45
H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a3a_0062_3ar3at3au	45
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0041_3ao3as3at	45
H1-3_Stacking	POSCAR_166t1k7_01_6c3a6c6c_0005_6co3ap	45
H1-3_Stacking	POSCAR_146t4k5_01_3a3a3a3a3a_0001_3ao	46
H1-3_Stacking	POSCAR_146t4k5_01_3a3a3a3a3a_0002_3ap	46
H1-3_Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0005_3as	46
H1-3_Stacking	POSCAR_148t2k5_01_6c6c3a_0001_3aq	46
H1-3_Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0004_3ar	46
H1-3_Stacking	POSCAR_146t4k5_01_3a3a3a3a3a_0005_3as	46
H1-3_Stacking	POSCAR_146t4k5_01_3a3a3a3a3a_0004_3ar	46
H1-3_Stacking	POSCAR_155t2k5_01_6c6c3a_0001_3aq	46
H1-3_Stacking	POSCAR_146t4k5_01_3a3a3a3a3a_0003_3aq	46
H1-3_Stacking	POSCAR_166t1k5_01_6c6c3a_0001_3aq	46
H1-3_Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0003_3aq	46
H1-3_Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0001_3ao	46

H1-3_Stacking	POSCAR_160t2k5_01_3a3a3a3a3a_0002_3ap	46
H1-3_Stacking	POSCAR_143t4k6_01_1a1c1b1a1c1b_0007_1ao1cp	47
H1-3_Stacking	POSCAR_156t2k6_01_1c1b1a1c1b1a_0016_1aq1cr	47
H1-3_Stacking	POSCAR_156t2k6_01_1c1b1a1c1b1a_0007_1co1bp	47
H1-3_Stacking	POSCAR_156t2k6_01_1c1b1a1c1b1a_0011_1co1at	47
H1-3_Stacking	POSCAR_164t1k6_01_2c2d2d_0003_2dq	47
H1-3_Stacking	POSCAR_147t2k6_01_2c2d2d_0003_2dq	47
H1-3_Stacking	POSCAR_143t4k6_01_1a1c1b1a1c1b_0019_1ar1cs	47
H1-3_Stacking	POSCAR_143t4k6_01_1a1c1b1a1c1b_0016_1bq1ar	47
H1-3_Stacking	POSCAR_147t2k6_01_2c2d2d_0002_2dp	47
H1-3_Stacking	POSCAR_156t2k6_01_1c1b1a1c1b1a_0021_1bs1at	47
H1-3_Stacking	POSCAR_150t2k6_01_2c2d2d_0003_2dq	47
H1-3_Stacking	POSCAR_164t1k6_01_2c2d2d_0002_2dp	47
H1-3_Stacking	POSCAR_156t2k6_01_1c1b1a1c1b1a_0012_1bp1aq	47
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H1-3_Stacking	POSCAR_150t2k6_01_2c2d2d_0002_2dp	47
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H1-3_Stacking	POSCAR_143t4k6_01_1a1c1b1a1c1b_0012_1cp1bq	47
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H1-3_Stacking	POSCAR_166t1k4_03_6c3b3a_0005_6co3bp	48
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H1-3_Stacking	POSCAR_166t1k8_01_3a6c6c6c3b_0027_3ao6cp6cr3bs	48
H1-3_Stacking	POSCAR_146t4k4_01_3a3a3a3a_0012_3ao3ap3ar	48
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H1-3_Stacking	POSCAR_164t1k6_02_1a2d2d1b_0003_2dp	53
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H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0009_3ao3aq	54
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H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a3a_0012_3ao3at	54
H1-3_Stacking	POSCAR_166t1k7_01_6c3a6c6c_0002_6co	54
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0016_3ap3as	54
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0022_3aq3au	54
H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a3a_0024_3ar3at	54
H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a3a_0015_3ap3ar	54
H1-3_Stacking	POSCAR_148t2k7_01_6c6c6c3a_0004_6cq	54
H1-3_Stacking	POSCAR_160t2k7_01_3a3a3a3a3a3a3a_0027_3as3au	54
H1-3_Stacking	POSCAR_146t4k7_02_3a3a3a3a3a3a3a_0027_3as3au	54
H1-3_Stacking	POSCAR_143t4k6_01_1a1c1b1a1c1b_0022_1ao1cp1bq	55
H1-3_Stacking	POSCAR_143t4k6_01_1a1c1b1a1c1b_0031_1ao1cs1bt	55
H1-3_Stacking	POSCAR_143t4k6_01_1a1c1b1a1c1b_0025_1ao1cp1bt	55
H1-3_Stacking	POSCAR_156t2k6_01_1c1b1a1c1b1a_0031_1co1bs1at	55
H1-3_Stacking	POSCAR_156t2k6_01_1c1b1a1c1b1a_0025_1co1bp1at	55

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H1-3_Stacking	POSCAR_156t2k6_01_1c1b1a1c1b1a_0032_1bp1aq1cr	55
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H1-3_Stacking	POSCAR_150t2k6_02_2d2d1a1b_0008_2dp1aq	55
H1-3_Stacking	POSCAR_156t2k6_01_1c1b1a1c1b1a_0041_1cr1bs1at	55
H1-3_Stacking	POSCAR_156t2k6_01_1c1b1a1c1b1a_0038_1aq1cr1bs	55
H1-3_Stacking	POSCAR_143t4k6_01_1a1c1b1a1c1b_0038_1bq1ar1cs	55
H1-3_Stacking	POSCAR_164t1k6_02_1a2d2d1b_0009_2dq1br	55
H1-3_Stacking	POSCAR_150t2k6_02_2d2d1a1b_0007_2do1br	55
H1-3_Stacking	POSCAR_147t2k6_02_2d1b2d1a_0009_2dq1ar	55
H1-3_Stacking	POSCAR_147t2k6_02_2d1b2d1a_0006_2do1bp	55
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H1-3_Stacking	POSCAR_156t2k6_01_1c1b1a1c1b1a_0022_1co1bp1aq	55
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0220_3ao3ap3aq3ar3	56
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H1-3_Stacking	POSCAR_166t1k8_04_6c6c6c6c_0011_6co6cp6cq	56
H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0220_3ao3ap3aq3ar3	56
H1-3_Stacking	POSCAR_148t2k8_03_6c6c6c6c_0012_6co6cp6cr	56
H1-3_Stacking	POSCAR_146t4k8_01_3a3a3a3a3a3a3a_0227_3ao3ap3aq3as3	56
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H1-3_Stacking	POSCAR_160t2k8_01_3a3a3a3a3a3a3a_0233_3ao3ap3as3at3	56
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H1-3_Stacking	POSCAR_155t2k8_03_6c6c6c6c_0014_6cp6cq6cr	56
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H1-3_Stacking	POSCAR_146t4k8_02_9b9b3a3a_0002_3ar	62
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H1-3_Stacking	POSCAR_160t2k4_02_9b3a_0002_9bo	63
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H1-3_Stacking	POSCAR_146t4k7_01_9b9b3a_0005_9bp3aq	68
H1-3_Stacking	POSCAR_146t4k7_01_9b9b3a_0002_9bo	69
H1-3_Stacking	POSCAR_146t4k7_01_9b9b3a_0003_9bp	69
H1-3_Stacking	POSCAR_146t4k7_01_9b9b3a_0006_9bo9bp	70
H1-3_Stacking	POSCAR_148t2k7_02_18f3a_0002_18fo	70

Supplementary Table 13. Nonidentical ordered phase of LiC₆. The first column represents the stacking of host atoms. The second column represents the POSCAR filename for each ordered phase (available in repository: <https://github.com/shuhebing/gso>). The third column represents that identical arrangements are classified to the same sort.

Stacking_ of_ graphite	Filename	Identical_ group_ number
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0044_1ao1aq1as	0
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0046_1ao1aq1au	0
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0053_1ao1as1au	0
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0064_1ap1ar1at	0
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0066_1ap1ar1av	0
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0071_1ap1at1av	0
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0078_1aq1as1au	0
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0087_1ar1at1av	0
AA-stacking	POSCAR_174t4k8_04_1b2g2g2g1a_0008_1bo2gq	0
AA-stacking	POSCAR_174t4k8_04_1b2g2g2g1a_0011_2gq1as	0
AA-stacking	POSCAR_175t2k8_01_1a2e2e2e1b_0008_1ao2eq	0
AA-stacking	POSCAR_175t2k8_01_1a2e2e2e1b_0011_2eq1bs	0
AA-stacking	POSCAR_177t2k8_04_1a2e2e2e1b_0008_1ao2eq	0
AA-stacking	POSCAR_177t2k8_04_1a2e2e2e1b_0011_2eq1bs	0
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0044_1ao1aq1as	0
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0046_1ao1aq1au	0
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0053_1ao1as1au	0
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0064_1ap1ar1at	0
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0066_1ap1ar1av	0
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0071_1ap1at1av	0
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0078_1aq1as1au	0
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0087_1ar1at1av	0
AA-stacking	POSCAR_187t2k8_02_2g1a2g2g1b_0009_1ap2gq	0
AA-stacking	POSCAR_187t2k8_02_2g1a2g2g1b_0011_2gq1bs	0
AA-stacking	POSCAR_189t2k8_03_1a2e2e2e1b_0008_1ao2eq	0
AA-stacking	POSCAR_189t2k8_03_1a2e2e2e1b_0011_2eq1bs	0
AA-stacking	POSCAR_191t1k8_03_2e2e2e1a1b_0009_2ep1ar	0
AA-stacking	POSCAR_191t1k8_03_2e2e2e1a1b_0010_2ep1bs	0
AA-stacking	POSCAR_168t4k5_01_1a1a1a1a1a_0016_1ao1ap1aq	1
AA-stacking	POSCAR_168t4k5_01_1a1a1a1a1a_0018_1ao1ap1as	1

AA-stacking	POSCAR_168t4k5_01_1a1a1a1a1a_0021_1ao1ar1as	1
AA-stacking	POSCAR_168t4k5_01_1a1a1a1a1a_0022_1ap1aq1ar	1
AA-stacking	POSCAR_168t4k5_01_1a1a1a1a1a_0025_1aq1ar1as	1
AA-stacking	POSCAR_174t4k5_01_2g1a2g_0004_2go1ap	1
AA-stacking	POSCAR_175t2k5_01_2e2e1a_0004_2eo1aq	1
AA-stacking	POSCAR_177t2k5_01_1a2e2e_0004_1ao2ep	1
AA-stacking	POSCAR_183t2k5_01_1a1a1a1a1a_0016_1ao1ap1aq	1
AA-stacking	POSCAR_183t2k5_01_1a1a1a1a1a_0018_1ao1ap1as	1
AA-stacking	POSCAR_183t2k5_01_1a1a1a1a1a_0021_1ao1ar1as	1
AA-stacking	POSCAR_183t2k5_01_1a1a1a1a1a_0022_1ap1aq1ar	1
AA-stacking	POSCAR_183t2k5_01_1a1a1a1a1a_0025_1aq1ar1as	1
AA-stacking	POSCAR_187t2k5_01_2g2g1a_0004_2go1aq	1
AA-stacking	POSCAR_189t2k5_01_2e2e1a_0004_2eo1aq	1
AA-stacking	POSCAR_191t1k5_01_2e2e1a_0005_2ep1aq	1
AA-stacking	POSCAR_168t4k9_02_2b1a2b2b1a1a_0041_2bo1ap1as1at	2
AA-stacking	POSCAR_168t4k9_02_2b1a2b2b1a1a_0042_1ap2bq1as1at	2
AA-stacking	POSCAR_168t4k9_02_2b1a2b2b1a1a_0043_1ap2br1as1at	2
AA-stacking	POSCAR_174t4k9_03_2g2i2h1a1e1c_0041_2go1ar1es1ct	2
AA-stacking	POSCAR_174t4k9_03_2g2i2h1a1e1c_0042_2ip1ar1es1ct	2
AA-stacking	POSCAR_174t4k9_03_2g2i2h1a1e1c_0043_2hq1ar1es1ct	2
AA-stacking	POSCAR_175t2k9_02_2c1a4h2e_0009_2co1ap2er	2
AA-stacking	POSCAR_177t2k9_01_1a2c2e4h_0009_1ao2cp2eq	2
AA-stacking	POSCAR_183t2k9_02_2b1a2b2b1a1a_0041_2bo1ap1as1at	2
AA-stacking	POSCAR_183t2k9_02_2b1a2b2b1a1a_0042_1ap2bq1as1at	2
AA-stacking	POSCAR_183t2k9_02_2b1a2b2b1a1a_0043_1ap2br1as1at	2
AA-stacking	POSCAR_187t2k9_02_1c1a1e2h2g2i_0041_1co1ap1eq2hr	2
AA-stacking	POSCAR_187t2k9_02_1c1a1e2h2g2i_0042_1co1ap1eq2gs	2
AA-stacking	POSCAR_187t2k9_02_1c1a1e2h2g2i_0043_1co1ap1eq2it	2
AA-stacking	POSCAR_189t2k9_02_2c1a4h2e_0009_2co1ap2er	2
AA-stacking	POSCAR_191t1k9_03_4h2e2c1a_0009_2ep2cq1ar	2
AA-stacking	POSCAR_168t4k6_01_2b1a2b1a_0001_1ap	3
AA-stacking	POSCAR_168t4k6_01_2b1a2b1a_0002_1ar	3
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0001_1ao	3
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0002_1ep	3
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0003_1cq	3
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0004_1br	3
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0005_1fs	3
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0006_1dt	3
AA-stacking	POSCAR_175t2k6_01_1a2c1b2d_0001_1ao	3
AA-stacking	POSCAR_175t2k6_01_1a2c1b2d_0002_1bq	3
AA-stacking	POSCAR_177t2k6_04_2d1b2c1a_0001_1bp	3
AA-stacking	POSCAR_177t2k6_04_2d1b2c1a_0002_1ar	3
AA-stacking	POSCAR_183t2k6_01_2b1a2b1a_0001_1ap	3

AA-stacking	POSCAR_183t2k6_01_2b1a2b1a_0002_1ar	3
AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0001_1fo	3
AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0002_1dp	3
AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0003_1bq	3
AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0004_1er	3
AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0005_1cs	3
AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0006_1at	3
AA-stacking	POSCAR_189t2k6_03_2c1a2d1b_0001_1ap	3
AA-stacking	POSCAR_189t2k6_03_2c1a2d1b_0002_1br	3
AA-stacking	POSCAR_191t1k6_01_2c1a2d1b_0001_1ap	3
AA-stacking	POSCAR_191t1k6_01_2c1a2d1b_0002_1br	3
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0222_1ao1ap1aq1ar1at1	4
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0226_1ao1ap1aq1as1at1	4
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0229_1ao1ap1ar1as1at1	4
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0231_1ao1ap1ar1as1au1	4
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0235_1ao1aq1ar1as1at1	4
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0237_1ao1aq1ar1at1au1	4
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0242_1ap1aq1ar1as1au1	4
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0244_1ap1aq1as1at1au1	4
AA-stacking	POSCAR_174t4k8_02_2g2g2g2g_0012_2go2gp2gr	4
AA-stacking	POSCAR_174t4k8_02_2g2g2g2g_0013_2go2gq2gr	4
AA-stacking	POSCAR_175t2k8_03_2e2e2e2e_0013_2eo2eq2er	4
AA-stacking	POSCAR_175t2k8_03_2e2e2e2e_0014_2ep2eq2er	4
AA-stacking	POSCAR_177t2k8_02_2e2e2e2e_0012_2eo2ep2er	4
AA-stacking	POSCAR_177t2k8_02_2e2e2e2e_0013_2eo2eq2er	4
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0222_1ao1ap1aq1ar1at1	4
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0226_1ao1ap1aq1as1at1	4
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0229_1ao1ap1ar1as1at1	4
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0231_1ao1ap1ar1as1au1	4
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0235_1ao1aq1ar1as1at1	4
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0237_1ao1aq1ar1at1au1	4
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0242_1ap1aq1ar1as1au1	4
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0244_1ap1aq1as1at1au1	4
AA-stacking	POSCAR_187t2k8_04_2g2g2g2g_0012_2go2gp2gr	4
AA-stacking	POSCAR_187t2k8_04_2g2g2g2g_0013_2go2gq2gr	4
AA-stacking	POSCAR_189t2k8_02_2e2e2e2e_0012_2eo2ep2er	4
AA-stacking	POSCAR_189t2k8_02_2e2e2e2e_0014_2ep2eq2er	4
AA-stacking	POSCAR_191t1k8_01_2e2e2e2e_0012_2eo2ep2er	4
AA-stacking	POSCAR_191t1k8_01_2e2e2e2e_0013_2eo2eq2er	4
AA-stacking	POSCAR_173t4k6_01_2a2b2b_0002_2bp	5
AA-stacking	POSCAR_173t4k6_01_2a2b2b_0003_2bq	5
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0010_1ao1fs	5
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0011_1ao1dt	5

AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0013_1ep1br	5
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0015_1ep1dt	5
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0016_1cq1br	5
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0017_1cq1fs	5
AA-stacking	POSCAR_176t2k6_04_2c2d2a_0001_2co	5
AA-stacking	POSCAR_176t2k6_04_2c2d2a_0002_2dp	5
AA-stacking	POSCAR_182t2k6_04_2c2d2b_0001_2co	5
AA-stacking	POSCAR_182t2k6_04_2c2d2b_0002_2dp	5
AA-stacking	POSCAR_186t2k6_02_2b2a2b_0001_2bo	5
AA-stacking	POSCAR_186t2k6_02_2b2a2b_0003_2bq	5
AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0010_1fo1cs	5
AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0011_1fo1at	5
AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0013_1dp1er	5
AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0015_1dp1at	5
AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0016_1bq1er	5
AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0017_1bq1cs	5
AA-stacking	POSCAR_190t2k6_05_2d2b2c_0001_2do	5
AA-stacking	POSCAR_190t2k6_05_2d2b2c_0003_2cq	5
AA-stacking	POSCAR_194t1k6_02_2c2d2b_0001_2co	5
AA-stacking	POSCAR_194t1k6_02_2c2d2b_0002_2dp	5
AA-stacking	POSCAR_168t4k5_01_1a1a1a1a1a_0017_1ao1ap1ar	6
AA-stacking	POSCAR_168t4k5_01_1a1a1a1a1a_0019_1ao1aq1ar	6
AA-stacking	POSCAR_168t4k5_01_1a1a1a1a1a_0020_1ao1aq1as	6
AA-stacking	POSCAR_168t4k5_01_1a1a1a1a1a_0023_1ap1aq1as	6
AA-stacking	POSCAR_168t4k5_01_1a1a1a1a1a_0024_1ap1ar1as	6
AA-stacking	POSCAR_174t4k5_01_2g1a2g_0005_1ap2gq	6
AA-stacking	POSCAR_175t2k5_01_2e2e1a_0005_2ep1aq	6
AA-stacking	POSCAR_177t2k5_01_1a2e2e_0005_1ao2eq	6
AA-stacking	POSCAR_183t2k5_01_1a1a1a1a1a_0017_1ao1ap1ar	6
AA-stacking	POSCAR_183t2k5_01_1a1a1a1a1a_0019_1ao1aq1ar	6
AA-stacking	POSCAR_183t2k5_01_1a1a1a1a1a_0020_1ao1aq1as	6
AA-stacking	POSCAR_183t2k5_01_1a1a1a1a1a_0023_1ap1aq1as	6
AA-stacking	POSCAR_183t2k5_01_1a1a1a1a1a_0024_1ap1ar1as	6
AA-stacking	POSCAR_187t2k5_01_2g2g1a_0005_2gp1aq	6
AA-stacking	POSCAR_189t2k5_01_2e2e1a_0005_2ep1aq	6
AA-stacking	POSCAR_191t1k5_01_2e2e1a_0004_2eo1aq	6
AA-stacking	POSCAR_168t4k4_02_3c1a_0001_1ap	7
AA-stacking	POSCAR_168t4k8_01_3c1a3c1a_0003_1ap1ar	7
AA-stacking	POSCAR_173t4k8_02_6c2a_0001_2ap	7
AA-stacking	POSCAR_174t4k4_03_3j1a_0001_1ap	7
AA-stacking	POSCAR_174t4k8_01_3j1a3k1b_0003_1ap1br	7
AA-stacking	POSCAR_174t4k8_03_6l2g_0001_2gp	7
AA-stacking	POSCAR_175t2k4_01_1a3f_0001_1ao	7

AA-stacking	POSCAR_175t2k8_02_3f1a3g1b_0003_1ap1br	7
AA-stacking	POSCAR_175t2k8_04_6i2e_0001_2ep	7
AA-stacking	POSCAR_176t2k8_02_6g2b_0001_2bp	7
AA-stacking	POSCAR_176t2k8_04_6h2a_0001_2ap	7
AA-stacking	POSCAR_177t2k4_01_3f1a_0001_1ap	7
AA-stacking	POSCAR_177t2k8_01_6i2e_0001_2ep	7
AA-stacking	POSCAR_177t2k8_03_3f1a3g1b_0003_1ap1br	7
AA-stacking	POSCAR_182t2k8_01_2b6h_0001_2bo	7
AA-stacking	POSCAR_182t2k8_03_6g2a_0001_2ap	7
AA-stacking	POSCAR_183t2k4_02_3c1a_0001_1ap	7
AA-stacking	POSCAR_183t2k8_01_3c1a3c1a_0003_1ap1ar	7
AA-stacking	POSCAR_184t2k8_01_2a6c_0001_2ao	7
AA-stacking	POSCAR_185t2k8_01_6c2a_0001_2ap	7
AA-stacking	POSCAR_186t2k8_01_2a6c_0001_2ao	7
AA-stacking	POSCAR_187t2k4_03_1a3j_0001_1ao	7
AA-stacking	POSCAR_187t2k8_01_1a3j1b3k_0003_1ao1bq	7
AA-stacking	POSCAR_187t2k8_03_6n2g_0001_2gp	7
AA-stacking	POSCAR_188t2k8_01_6j2a_0001_2ap	7
AA-stacking	POSCAR_188t2k8_03_6k2b_0001_2bp	7
AA-stacking	POSCAR_189t2k4_03_3f1a_0001_1ap	7
AA-stacking	POSCAR_189t2k8_01_6i2e_0001_2ep	7
AA-stacking	POSCAR_189t2k8_04_3f3g1a1b_0003_1aq1br	7
AA-stacking	POSCAR_190t2k8_03_6h2b_0001_2bp	7
AA-stacking	POSCAR_190t2k8_04_6g2a_0001_2ap	7
AA-stacking	POSCAR_191t1k4_02_3f1a_0001_1ap	7
AA-stacking	POSCAR_191t1k8_02_6i2e_0001_2ep	7
AA-stacking	POSCAR_191t1k8_04_3f1a3g1b_0003_1ap1br	7
AA-stacking	POSCAR_192t1k8_01_6f2a_0001_2ap	7
AA-stacking	POSCAR_192t1k8_02_6g2b_0001_2bp	7
AA-stacking	POSCAR_193t1k8_01_2a6g_0001_2ao	7
AA-stacking	POSCAR_193t1k8_03_6f2b_0001_2bp	7
AA-stacking	POSCAR_194t1k8_01_6g2a_0001_2ap	7
AA-stacking	POSCAR_194t1k8_03_6h2b_0001_2bp	7
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a_0054_1ao1aq1as	8
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0057_1ao1aq1av	8
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0069_1ao1at1av	8
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0081_1ap1ar1at	8
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0084_1ap1ar1aw	8
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0093_1ap1au1aw	8
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0101_1aq1as1au	8
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0115_1ar1at1av	8
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0124_1as1au1aw	8
AA-stacking	POSCAR_174t4k9_04_1a2g2g2g2g_0007_1ao2gq	8

AA-stacking	POSCAR_175t2k9_01_2e2e1a2e2e_0006_2eo1aq	8
AA-stacking	POSCAR_177t2k9_03_2e2e2e1a2e_0007_2ep1ar	8
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0054_1ao1aq1as	8
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0057_1ao1aq1av	8
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0069_1ao1at1av	8
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0081_1ap1ar1at	8
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0084_1ap1ar1aw	8
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0093_1ap1au1aw	8
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0101_1aq1as1au	8
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0115_1ar1at1av	8
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0124_1as1au1aw	8
AA-stacking	POSCAR_187t2k9_03_2g2g1a2g2g_0006_2go1aq	8
AA-stacking	POSCAR_189t2k9_04_2e2e2e2e1a_0006_2eo1as	8
AA-stacking	POSCAR_191t1k9_01_2e2e1a2e2e_0006_2eo1aq	8
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0023_1ao1ep1br	9
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0024_1ao1ep1fs	9
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0026_1ao1cq1br	9
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0028_1ao1cq1dt	9
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0029_1ao1br1fs	9
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0030_1ao1br1dt	9
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0033_1ep1cq1fs	9
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0034_1ep1cq1dt	9
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0035_1ep1br1fs	9
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0037_1ep1fs1dt	9
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0039_1cq1br1dt	9
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AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0023_1fo1dp1er	9
AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0024_1fo1dp1cs	9
AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0026_1fo1bq1er	9
AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0028_1fo1bq1at	9
AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0029_1fo1er1cs	9
AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0030_1fo1er1at	9
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AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0039_1bq1er1at	9
AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0040_1bq1cs1at	9
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AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a1a_0165_1ao1ap1aq1ar1au	10
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a1a_0169_1ao1ap1aq1as1av	10
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AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0165_1ao1ap1aq1ar1au	10
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0169_1ao1ap1aq1as1av	10
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AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0183_1ao1aq1ar1as1at	10
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0192_1ao1aq1at1au1av	10
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AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0217_1aq1as1at1au1av	10
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AA-stacking	POSCAR_168t4k5_01_1a1a1a1a1a_0009_1ao1as	11
AA-stacking	POSCAR_168t4k5_01_1a1a1a1a1a_0010_1ap1aq	11
AA-stacking	POSCAR_168t4k5_01_1a1a1a1a1a_0013_1aq1ar	11
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AA-stacking	POSCAR_177t2k5_01_1a2e2e_0003_2eq	11
AA-stacking	POSCAR_183t2k5_01_1a1a1a1a1a_0006_1ao1ap	11
AA-stacking	POSCAR_183t2k5_01_1a1a1a1a1a_0009_1ao1as	11
AA-stacking	POSCAR_183t2k5_01_1a1a1a1a1a_0010_1ap1aq	11
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AA-stacking	POSCAR_189t2k5_01_2e2e1a_0003_2ep	11
AA-stacking	POSCAR_191t1k5_01_2e2e1a_0002_2eo	11

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AA-stacking	POSCAR_177t2k9_03_2e2e2e1a2e_0016_2eo2ep1ar	13
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AA-stacking	POSCAR_191t1k9_01_2e2e1a2e2e_0011_2eo2er	14
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AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0212_1ap1as1at1av	16
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0214_1ap1as1au1av	16
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0216_1ap1as1av1aw	16
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0227_1aq1ar1at1aw	16
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0233_1aq1as1at1aw	16
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0238_1aq1at1au1aw	16
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0239_1aq1at1av1aw	16
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0261_1ao1ap1aq1as1	17
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0268_1ao1ap1aq1au1	17
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0271_1ao1ap1ar1as1a	17
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0274_1ao1ap1ar1as1a	17
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0287_1ao1ap1at1au1a	17
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0288_1ao1ap1at1au1a	17
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AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0300_1ao1aq1ar1av1a	17
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0322_1ao1as1at1au1a	17
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0323_1ao1as1at1av1a	17
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AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0335_1ap1aq1ar1av1a	17
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0336_1ap1aq1as1at1a	17
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AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0378_1ar1as1at1av1a	17
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AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0268_1ao1ap1aq1au1	17
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AA-stacking	POSCAR_168t4k5_01_1a1a1a1a1a_0008_1ao1ar	18
AA-stacking	POSCAR_168t4k5_01_1a1a1a1a1a_0011_1ap1ar	18
AA-stacking	POSCAR_168t4k5_01_1a1a1a1a1a_0012_1ap1as	18
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AA-stacking	POSCAR_175t2k5_01_2e2e1a_0002_2eo	18
AA-stacking	POSCAR_177t2k5_01_1a2e2e_0002_2ep	18
AA-stacking	POSCAR_183t2k5_01_1a1a1a1a1a_0007_1ao1aq	18
AA-stacking	POSCAR_183t2k5_01_1a1a1a1a1a_0008_1ao1ar	18
AA-stacking	POSCAR_183t2k5_01_1a1a1a1a1a_0011_1ap1ar	18
AA-stacking	POSCAR_183t2k5_01_1a1a1a1a1a_0012_1ap1as	18
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AA-stacking	POSCAR_189t2k5_01_2e2e1a_0002_2eo	18
AA-stacking	POSCAR_191t1k5_01_2e2e1a_0003_2ep	18
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a_0010_1ao1ar	19
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a_0011_1ao1as	19
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AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a_0021_1aq1at	19
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a_0022_1aq1au	19
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a_0025_1ar1au	19
AA-stacking	POSCAR_174t4k7_02_2g2g1a2g_0002_2go	19
AA-stacking	POSCAR_175t2k7_01_2e1a2e2e_0003_2eq	19
AA-stacking	POSCAR_177t2k7_01_2e2e2e1a_0002_2eo	19

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AA-stacking	POSCAR_183t2k4_01_1a1a1a1a_0008_1ap1aq	20
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AA-stacking	POSCAR_191t1k8_01_2e2e2e2e_0007_2eo2er	20
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AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0373_1aq1as1at1av1a	21
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AA-stacking	POSCAR_168t4k5_01_1a1a1a1a1a_0027_1ao1ap1aq1as	22
AA-stacking	POSCAR_168t4k5_01_1a1a1a1a1a_0028_1ao1ap1ar1as	22
AA-stacking	POSCAR_168t4k5_01_1a1a1a1a1a_0029_1ao1aq1ar1as	22
AA-stacking	POSCAR_168t4k5_01_1a1a1a1a1a_0030_1ap1aq1ar1as	22
AA-stacking	POSCAR_174t4k5_01_2g1a2g_0006_2go2gq	22
AA-stacking	POSCAR_175t2k5_01_2e2e1a_0006_2eo2ep	22
AA-stacking	POSCAR_177t2k5_01_1a2e2e_0006_2ep2eq	22
AA-stacking	POSCAR_183t2k5_01_1a1a1a1a1a_0026_1ao1ap1aq1ar	22
AA-stacking	POSCAR_183t2k5_01_1a1a1a1a1a_0027_1ao1ap1aq1as	22
AA-stacking	POSCAR_183t2k5_01_1a1a1a1a1a_0028_1ao1ap1ar1as	22
AA-stacking	POSCAR_183t2k5_01_1a1a1a1a1a_0029_1ao1aq1ar1as	22
AA-stacking	POSCAR_183t2k5_01_1a1a1a1a1a_0030_1ap1aq1ar1as	22

AA-stacking	POSCAR_187t2k5_01_2g2g1a_0006_2go2gp	22
AA-stacking	POSCAR_189t2k5_01_2e2e1a_0006_2eo2ep	22
AA-stacking	POSCAR_191t1k5_01_2e2e1a_0006_2eo2ep	22
AA-stacking	POSCAR_168t4k9_02_2b1a2b2b1a1a_0020_2bo2bq	23
AA-stacking	POSCAR_168t4k9_02_2b1a2b2b1a1a_0021_2bo2br	23
AA-stacking	POSCAR_168t4k9_02_2b1a2b2b1a1a_0022_2bq2br	23
AA-stacking	POSCAR_174t4k9_03_2g2i2h1a1e1c_0020_2go2ip	23
AA-stacking	POSCAR_174t4k9_03_2g2i2h1a1e1c_0021_2go2hq	23
AA-stacking	POSCAR_174t4k9_03_2g2i2h1a1e1c_0022_2ip2hq	23
AA-stacking	POSCAR_175t2k9_02_2c1a4h2e_0006_4hq	23
AA-stacking	POSCAR_177t2k9_01_1a2c2e4h_0006_4hr	23
AA-stacking	POSCAR_183t2k9_02_2b1a2b2b1a1a_0020_2bo2bq	23
AA-stacking	POSCAR_183t2k9_02_2b1a2b2b1a1a_0021_2bo2br	23
AA-stacking	POSCAR_183t2k9_02_2b1a2b2b1a1a_0022_2bq2br	23
AA-stacking	POSCAR_187t2k9_02_1c1a1e2h2g2i_0020_2hr2gs	23
AA-stacking	POSCAR_187t2k9_02_1c1a1e2h2g2i_0021_2hr2it	23
AA-stacking	POSCAR_187t2k9_02_1c1a1e2h2g2i_0022_2gs2it	23
AA-stacking	POSCAR_189t2k9_02_2c1a4h2e_0006_4hq	23
AA-stacking	POSCAR_191t1k9_03_4h2e2c1a_0006_4ho	23
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0142_1ao1ap1as1au	24
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0160_1ao1aq1at1au	24
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0168_1ao1ar1as1av	24
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0172_1ao1ar1at1aw	24
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0196_1ap1aq1at1av	24
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0208_1ap1ar1au1av	24
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0213_1ap1as1at1aw	24
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0229_1aq1ar1au1aw	24
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0236_1aq1as1av1aw	24
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AA-stacking	POSCAR_191t1k9_01_2e2e1a2e2e_0014_2ep2es	24

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AA-stacking	POSCAR_168t4k8_01_3c1a3c1a_0005_3cq	25
AA-stacking	POSCAR_174t4k8_01_3j1a3k1b_0004_3jo	25
AA-stacking	POSCAR_174t4k8_01_3j1a3k1b_0005_3kq	25
AA-stacking	POSCAR_175t2k8_02_3f1a3g1b_0004_3fo	25
AA-stacking	POSCAR_175t2k8_02_3f1a3g1b_0005_3gq	25
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AA-stacking	POSCAR_189t2k8_04_3f3g1a1b_0005_3gp	25
AA-stacking	POSCAR_191t1k8_04_3f1a3g1b_0004_3fo	25
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AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0126_1ao1as1au1av	26
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0129_1ap1aq1ar1at	26
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AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0138_1ap1ar1as1at	26

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AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0154_1aq1as1at1au	26
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AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0161_1ar1at1au1av	26
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AA-stacking	POSCAR_168t4k6_02_1a1a1a1a1a_0002_1ap	27
AA-stacking	POSCAR_168t4k6_02_1a1a1a1a1a_0003_1aq	27
AA-stacking	POSCAR_168t4k6_02_1a1a1a1a1a_0004_1ar	27
AA-stacking	POSCAR_168t4k6_02_1a1a1a1a1a_0005_1as	27
AA-stacking	POSCAR_168t4k6_02_1a1a1a1a1a_0006_1at	27
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AA-stacking	POSCAR_174t4k6_02_2g2g1a1b_0002_1br	27
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AA-stacking	POSCAR_175t2k6_04_2e1a2e1b_0002_1br	27
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AA-stacking	POSCAR_177t2k6_02_2e1b2e1a_0002_1ar	27
AA-stacking	POSCAR_183t2k6_02_1a1a1a1a1a_0001_1ao	27
AA-stacking	POSCAR_183t2k6_02_1a1a1a1a1a_0002_1ap	27
AA-stacking	POSCAR_183t2k6_02_1a1a1a1a1a_0003_1aq	27
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AA-stacking	POSCAR_183t2k6_02_1a1a1a1a1a_0006_1at	27
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AA-stacking	POSCAR_187t2k6_03_2g2g1a1b_0002_1br	27
AA-stacking	POSCAR_189t2k6_05_2e1a2e1b_0001_1ap	27
AA-stacking	POSCAR_189t2k6_05_2e1a2e1b_0002_1br	27
AA-stacking	POSCAR_191t1k6_03_2e2e1a1b_0001_1aq	27
AA-stacking	POSCAR_191t1k6_03_2e2e1a1b_0002_1br	27
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AA-stacking	POSCAR_187t2k9_02_1c1a1e2h2g2i_0017_1eq2gs	28
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AA-stacking	POSCAR_168t4k9_02_2b1a2b2b1a1a_0005_2bq	29

AA-stacking	POSCAR_168t4k9_02_2b1a2b2b1a1a_0006_2br	29
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AA-stacking	POSCAR_174t4k9_03_2g2i2h1a1e1c_0008_1ar1ct	29
AA-stacking	POSCAR_174t4k9_03_2g2i2h1a1e1c_0009_1es1ct	29
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AA-stacking	POSCAR_177t2k9_01_1a2c2e4h_0002_2cp	29
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AA-stacking	POSCAR_183t2k9_02_2b1a2b2b1a1a_0005_2bq	29
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AA-stacking	POSCAR_191t1k9_03_4h2e2c1a_0003_2cq	29
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AA-stacking	POSCAR_189t2k7_01_2e1a2e2e_0004_2er	30
AA-stacking	POSCAR_191t1k7_01_1a2e2e2e_0004_2er	30
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AA-stacking	POSCAR_175t2k8_03_2e2e2e2e_0012_2eo2ep2er	31
AA-stacking	POSCAR_177t2k8_02_2e2e2e2e_0011_2eo2ep2eq	31
AA-stacking	POSCAR_177t2k8_02_2e2e2e2e_0014_2ep2eq2er	31
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AA-stacking	POSCAR_187t2k8_04_2g2g2g2g_0014_2gp2gq2gr	31
AA-stacking	POSCAR_189t2k8_02_2e2e2e2e_0011_2eo2ep2eq	31
AA-stacking	POSCAR_189t2k8_02_2e2e2e2e_0013_2eo2eq2er	31
AA-stacking	POSCAR_191t1k8_01_2e2e2e2e_0011_2eo2ep2eq	31
AA-stacking	POSCAR_191t1k8_01_2e2e2e2e_0014_2ep2eq2er	31
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AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a_0442_1ap1aq1ar1as1a	32
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a_0454_1ap1ar1as1at1a	32
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a_0457_1ap1ar1at1au1a	32
AA-stacking	POSCAR_174t4k9_04_1a2g2g2g2g_0024_2gp2gr2gs	32
AA-stacking	POSCAR_175t2k9_01_2e2e1a2e2e_0025_2ep2er2es	32
AA-stacking	POSCAR_177t2k9_03_2e2e2e1a2e_0024_2eo2eq2es	32
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a_0387_1ao1ap1aq1ar1a	32
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a_0396_1ao1ap1aq1as1	32
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a_0410_1ao1ap1ar1at1a	32
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a_0418_1ao1aq1ar1as1a	32
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a_0427_1ao1aq1as1at1a	32
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a_0430_1ao1aq1as1au1	32
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a_0442_1ap1aq1ar1as1a	32
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a_0454_1ap1ar1as1at1a	32
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a_0457_1ap1ar1at1au1a	32
AA-stacking	POSCAR_187t2k9_03_2g2g1a2g2g_0025_2gp2gr2gs	32
AA-stacking	POSCAR_189t2k9_04_2e2e2e2e1a_0025_2ep2eq2er	32
AA-stacking	POSCAR_191t1k9_01_2e2e1a2e2e_0025_2ep2er2es	32

AA-stacking	POSCAR_168t4k6_02_1a1a1a1a1a_0022_1ao1ap1aq	33
AA-stacking	POSCAR_168t4k6_02_1a1a1a1a1a_0025_1ao1ap1at	33
AA-stacking	POSCAR_168t4k6_02_1a1a1a1a1a_0031_1ao1as1at	33
AA-stacking	POSCAR_168t4k6_02_1a1a1a1a1a_0032_1ap1aq1ar	33
AA-stacking	POSCAR_168t4k6_02_1a1a1a1a1a_0038_1aq1ar1as	33
AA-stacking	POSCAR_168t4k6_02_1a1a1a1a1a_0041_1ar1as1at	33
AA-stacking	POSCAR_174t4k6_02_2g2g1a1b_0007_2go1br	33
AA-stacking	POSCAR_174t4k6_02_2g2g1a1b_0008_2gp1aq	33
AA-stacking	POSCAR_175t2k6_04_2e1a2e1b_0006_2eo1ap	33
AA-stacking	POSCAR_175t2k6_04_2e1a2e1b_0009_2eq1br	33
AA-stacking	POSCAR_177t2k6_02_2e1b2e1a_0006_2eo1bp	33
AA-stacking	POSCAR_177t2k6_02_2e1b2e1a_0009_2eq1ar	33
AA-stacking	POSCAR_183t2k6_02_1a1a1a1a1a_0022_1ao1ap1aq	33
AA-stacking	POSCAR_183t2k6_02_1a1a1a1a1a_0025_1ao1ap1at	33
AA-stacking	POSCAR_183t2k6_02_1a1a1a1a1a_0031_1ao1as1at	33
AA-stacking	POSCAR_183t2k6_02_1a1a1a1a1a_0032_1ap1aq1ar	33
AA-stacking	POSCAR_183t2k6_02_1a1a1a1a1a_0038_1aq1ar1as	33
AA-stacking	POSCAR_183t2k6_02_1a1a1a1a1a_0041_1ar1as1at	33
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AA-stacking	POSCAR_187t2k6_03_2g2g1a1b_0008_2gp1aq	33
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AA-stacking	POSCAR_189t2k6_05_2e1a2e1b_0009_2eq1br	33
AA-stacking	POSCAR_191t1k6_03_2e2e1a1b_0007_2eo1br	33
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AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0013_1ao1at	36
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AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0020_1ap1au	36
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AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a_0370_1aq1ar1au1av1a	37
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AA-stacking	POSCAR_191t1k9_01_2e2e1a2e2e_0020_2ep1aq2es	37
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AA-stacking	POSCAR_168t4k6_01_2b1a2b1a_0005_1ap1ar	38
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AA-stacking	POSCAR_174t4k3_01_1c1a1e_0001_1co	38
AA-stacking	POSCAR_174t4k3_01_1c1a1e_0002_1ap	38
AA-stacking	POSCAR_174t4k3_01_1c1a1e_0003_1eq	38
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0009_1ao1br	38
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AA-stacking	POSCAR_174t4k6_03_2h2g2i_0002_2gp	38
AA-stacking	POSCAR_174t4k6_03_2h2g2i_0003_2iq	38
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AA-stacking	POSCAR_174t4k9_02_1e3j3j1c1a_0008_3jq	38
AA-stacking	POSCAR_174t4k9_02_1e3j3j1c1a_0009_1eo1cr1as	38
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AA-stacking	POSCAR_174t4k9_03_2g2i2h1a1e1c_0014_2ip1es	38
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AA-stacking	POSCAR_175t2k6_03_2e4h_0001_2eo	38
AA-stacking	POSCAR_175t2k9_02_2c1a4h2e_0005_1ap2er	38
AA-stacking	POSCAR_175t2k9_03_2c6j1a_0003_2co1aq	38
AA-stacking	POSCAR_176t2k6_01_4f2b_0001_2bp	38
AA-stacking	POSCAR_176t2k6_04_2c2d2a_0003_2aq	38

AA-stacking	POSCAR_177t2k3_02_2c1a_0001_1ap	38
AA-stacking	POSCAR_177t2k6_03_4h2e_0001_2ep	38
AA-stacking	POSCAR_177t2k6_04_2d1b2c1a_0005_1bp1ar	38
AA-stacking	POSCAR_177t2k9_01_1a2c2e4h_0005_1ao2eq	38
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AA-stacking	POSCAR_186t2k6_02_2b2a2b_0002_2ap	38
AA-stacking	POSCAR_187t2k3_01_1a1e1c_0001_1ao	38
AA-stacking	POSCAR_187t2k3_01_1a1e1c_0002_1ep	38
AA-stacking	POSCAR_187t2k3_01_1a1e1c_0003_1cq	38
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AA-stacking	POSCAR_187t2k6_02_2i2h2g_0002_2hp	38
AA-stacking	POSCAR_187t2k6_02_2i2h2g_0003_2gq	38
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AA-stacking	POSCAR_187t2k9_02_1c1a1e2h2g2i_0014_1ap2gs	38
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AA-stacking	POSCAR_188t2k6_01_2d2b2f_0003_2fq	38
AA-stacking	POSCAR_188t2k6_02_2a2e2c_0001_2ao	38
AA-stacking	POSCAR_188t2k6_02_2a2e2c_0002_2ep	38
AA-stacking	POSCAR_188t2k6_02_2a2e2c_0003_2cq	38
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AA-stacking	POSCAR_189t2k6_01_4h2e_0001_2ep	38
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AA-stacking	POSCAR_189t2k9_01_1a3f3f2c_0004_3fq	38
AA-stacking	POSCAR_189t2k9_01_1a3f3f2c_0005_1ao2cr	38
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AA-stacking	POSCAR_190t2k6_02_2a4f_0001_2ao	38

AA-stacking	POSCAR_190t2k6_05_2d2b2c_0002_2bp	38
AA-stacking	POSCAR_191t1k3_01_2c1a_0001_1ap	38
AA-stacking	POSCAR_191t1k6_01_2c1a2d1b_0005_1ap1br	38
AA-stacking	POSCAR_191t1k6_02_2e4h_0001_2eo	38
AA-stacking	POSCAR_191t1k9_02_6j2c1a_0003_2cp1aq	38
AA-stacking	POSCAR_191t1k9_03_4h2e2c1a_0004_2ep1ar	38
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AA-stacking	POSCAR_192t1k6_04_4d2b_0001_2bp	38
AA-stacking	POSCAR_193t1k6_01_4c2a_0001_2ap	38
AA-stacking	POSCAR_193t1k6_02_4d2b_0001_2bp	38
AA-stacking	POSCAR_194t1k6_02_2c2d2b_0003_2bq	38
AA-stacking	POSCAR_194t1k6_03_4f2a_0001_2ap	38
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AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0232_1aq1as1at1av	39
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0248_1ar1at1au1aw	39
AA-stacking	POSCAR_174t4k9_04_1a2g2g2g2g_0014_2gq2gs	39
AA-stacking	POSCAR_175t2k9_01_2e2e1a2e2e_0012_2eo2es	39
AA-stacking	POSCAR_177t2k9_03_2e2e2e1a2e_0014_2ep2es	39
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0139_1ao1ap1ar1av	39
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0152_1ao1aq1ar1at	39
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0164_1ao1aq1au1aw	39
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0179_1ao1as1au1av	39
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0194_1ap1aq1as1aw	39
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0202_1ap1ar1as1au	39
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0219_1ap1at1av1aw	39
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0232_1aq1as1at1av	39
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0248_1ar1at1au1aw	39
AA-stacking	POSCAR_187t2k9_03_2g2g1a2g2g_0012_2go2gs	39
AA-stacking	POSCAR_189t2k9_04_2e2e2e2e1a_0011_2eo2eq	39
AA-stacking	POSCAR_191t1k9_01_2e2e1a2e2e_0012_2eo2es	39
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a1a_0168_1ao1ap1aq1as1au	40
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a1a_0177_1ao1ap1ar1at1av	40
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a1a_0184_1ao1aq1ar1as1au	40
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a1a_0189_1ao1aq1as1at1au	40
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AA-stacking	POSCAR_168t4k6_01_2b1a2b1a_0004_2bq	41
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0007_1ao1ep	41
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0008_1ao1cq	41
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AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0019_1br1fs	41
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AA-stacking	POSCAR_177t2k6_04_2d1b2c1a_0004_2cq	41
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AA-stacking	POSCAR_189t2k6_03_2c1a2d1b_0004_2dq	41

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AA-stacking	POSCAR_168t4k5_01_1a1a1a1a1a_0004_1ar	45
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AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0389_1ao1ap1aq1ar1a	46
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0394_1ao1ap1aq1as1	46
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0399_1ao1ap1aq1at1a	46
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0402_1ao1ap1ar1as1a	46
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0407_1ao1ap1ar1as1a	46
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0412_1ao1ap1as1at1a	46
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0414_1ao1ap1as1at1a	46
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0419_1ao1aq1ar1as1a	46

AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0426_1ao1aq1ar1au1a	46
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0433_1ao1ar1as1at1a	46
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0435_1ao1ar1as1au1a	46
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0441_1ap1aq1ar1as1a	46
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0443_1ap1aq1ar1as1a	46
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0448_1ap1aq1as1at1a	46
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0452_1ap1aq1at1au1a	46
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0461_1aq1ar1as1at1av	46
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0463_1aq1ar1at1au1a	46
AA-stacking	POSCAR_168t4k9_02_2b1a2b2b1a1a_0060_2bo1ap2bq2br1as	47
AA-stacking	POSCAR_168t4k9_02_2b1a2b2b1a1a_0061_2bo1ap2bq2br1at	47
AA-stacking	POSCAR_168t4k9_02_2b1a2b2b1a1a_0062_2bo2bq2br1as1at	47
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AA-stacking	POSCAR_174t4k9_03_2g2i2h1a1e1c_0062_2go2ip2hq1es1ct	47
AA-stacking	POSCAR_175t2k9_02_2c1a4h2e_0014_2co4hq2er	47
AA-stacking	POSCAR_177t2k9_01_1a2c2e4h_0014_2cp2eq4hr	47
AA-stacking	POSCAR_183t2k9_02_2b1a2b2b1a1a_0060_2bo1ap2bq2br1as	47
AA-stacking	POSCAR_183t2k9_02_2b1a2b2b1a1a_0061_2bo1ap2bq2br1at	47
AA-stacking	POSCAR_183t2k9_02_2b1a2b2b1a1a_0062_2bo2bq2br1as1at	47
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AA-stacking	POSCAR_187t2k9_02_1c1a1e2h2g2i_0061_1co1eq2hr2gs2it	47
AA-stacking	POSCAR_187t2k9_02_1c1a1e2h2g2i_0062_1ap1eq2hr2gs2it	47
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AA-stacking	POSCAR_191t1k9_03_4h2e2c1a_0014_4ho2ep2cq	47
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AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a1a_0065_1ap1ar1au	48
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AA-stacking	POSCAR_175t2k8_01_1a2e2e2e1b_0009_1ao2er	48
AA-stacking	POSCAR_175t2k8_01_1a2e2e2e1b_0010_2ep1bs	48
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AA-stacking	POSCAR_177t2k8_04_1a2e2e2e1b_0010_2ep1bs	48
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AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a1a_0065_1ap1ar1au	48

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AA-stacking	POSCAR_189t2k8_03_1a2e2e2e1b_0010_2ep1bs	48
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AA-stacking	POSCAR_191t1k8_03_2e2e2e1a1b_0012_2eq1bs	48
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AA-stacking	POSCAR_168t4k3_01_1a1a1a_0002_1ap	49
AA-stacking	POSCAR_168t4k3_01_1a1a1a_0003_1aq	49
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AA-stacking	POSCAR_168t4k6_02_1a1a1a1a1a_0018_1aq1at	49
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AA-stacking	POSCAR_168t4k9_02_2b1a2b2b1a1a_0015_2bq1as	49
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AA-stacking	POSCAR_172t4k9_02_3a3a3a_0001_3ao	49
AA-stacking	POSCAR_172t4k9_02_3a3a3a_0002_3ap	49
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AA-stacking	POSCAR_173t4k6_02_2a2a2a_0002_2ap	49
AA-stacking	POSCAR_173t4k6_02_2a2a2a_0003_2aq	49
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AA-stacking	POSCAR_175t2k6_02_2e2e2e_0001_2eo	49
AA-stacking	POSCAR_175t2k6_04_2e1a2e1b_0005_1ap1br	49
AA-stacking	POSCAR_175t2k9_01_2e2e1a2e2e_0008_1aq2er	49
AA-stacking	POSCAR_175t2k9_02_2c1a4h2e_0004_2co1ap	49
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AA-stacking	POSCAR_182t2k6_02_4e2a_0001_2ap	49
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AA-stacking	POSCAR_183t2k3_02_1a1a1a_0003_1aq	49
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AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0061_1ao1ar1au	49
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AA-stacking	POSCAR_189t2k3_01_2e1a_0001_1ap	49
AA-stacking	POSCAR_189t2k6_04_2e2e2e_0001_2eo	49
AA-stacking	POSCAR_189t2k6_05_2e1a2e1b_0005_1ap1br	49
AA-stacking	POSCAR_189t2k9_02_2c1a4h2e_0004_2co1ap	49
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AA-stacking	POSCAR_190t2k6_04_4e2a_0001_2ap	49
AA-stacking	POSCAR_191t1k3_02_1a2e_0001_1ao	49
AA-stacking	POSCAR_191t1k6_03_2e2e1a1b_0005_1aq1br	49
AA-stacking	POSCAR_191t1k6_04_2e2e2e_0002_2ep	49
AA-stacking	POSCAR_191t1k9_01_2e2e1a2e2e_0008_1aq2er	49
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AA-stacking	POSCAR_192t1k6_03_4e2b_0001_2bp	49
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AA-stacking	POSCAR_177t2k7_01_2e2e2e1a_0009_2eo2eq	51
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AA-stacking	POSCAR_183t2k7_01_1a1a1a1a1a1a_0071_1ao1ap1as1at	51
AA-stacking	POSCAR_183t2k7_01_1a1a1a1a1a1a_0076_1ao1aq1ar1au	51
AA-stacking	POSCAR_183t2k7_01_1a1a1a1a1a1a_0081_1ao1ar1as1au	51
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AA-stacking	POSCAR_183t2k7_01_1a1a1a1a1a1a_0089_1ap1aq1at1au	51
AA-stacking	POSCAR_183t2k7_01_1a1a1a1a1a1a_0096_1aq1ar1at1au	51
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AA-stacking	POSCAR_191t1k7_01_1a2e2e2e_0008_2ep2eq	51
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AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0498_1ap1aq1ar1at1a	52
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AA-stacking	POSCAR_177t2k9_03_2e2e2e1a2e_0028_2eo2eq1ar2es	52
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AA-stacking	POSCAR_191t1k9_01_2e2e1a2e2e_0029_2ep1aq2er2es	52
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AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0043_1au1av	57
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0045_1av1aw	57
AA-stacking	POSCAR_174t4k9_04_1a2g2g2g2g_0005_2gs	57
AA-stacking	POSCAR_175t2k9_01_2e2e1a2e2e_0005_2es	57
AA-stacking	POSCAR_177t2k9_03_2e2e2e1a2e_0005_2es	57
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0010_1ao1ap	57
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0017_1ao1aw	57
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0018_1ap1aq	57
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0025_1aq1ar	57
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0031_1ar1as	57
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0036_1as1at	57
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0040_1at1au	57
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0043_1au1av	57
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0045_1av1aw	57
AA-stacking	POSCAR_187t2k9_03_2g2g1a2g2g_0005_2gs	57
AA-stacking	POSCAR_189t2k9_04_2e2e2e2e1a_0004_2eq	57
AA-stacking	POSCAR_191t1k9_01_2e2e1a2e2e_0005_2es	57
AA-stacking	POSCAR_174t4k9_05_3j3j3j_0004_3jo3jp	58
AA-stacking	POSCAR_174t4k9_05_3j3j3j_0005_3jo3jq	58
AA-stacking	POSCAR_174t4k9_05_3j3j3j_0006_3jp3jq	58
AA-stacking	POSCAR_187t2k9_04_3j3j3j_0004_3jo3jp	58
AA-stacking	POSCAR_187t2k9_04_3j3j3j_0005_3jo3jq	58
AA-stacking	POSCAR_187t2k9_04_3j3j3j_0006_3jp3jq	58
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0013_1ao1as	59
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0014_1ao1at	59
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0021_1ap1at	59
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0022_1ap1au	59
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0028_1aq1au	59
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0029_1aq1av	59
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AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0035_1ar1aw	59
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0039_1as1aw	59
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AA-stacking	POSCAR_177t2k9_03_2e2e2e1a2e_0003_2ep	59
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0013_1ao1as	59
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AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0021_1ap1at	59

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AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0039_1as1aw	59
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AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0004_1ar	62
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AA-stacking	POSCAR_173t4k8_01_2a2a2a2a_0013_2ao2aq2ar	67
AA-stacking	POSCAR_173t4k8_01_2a2a2a2a_0014_2ap2aq2ar	67
AA-stacking	POSCAR_174t4k4_02_1b2g1a_0005_1bo2gp	67
AA-stacking	POSCAR_174t4k4_02_1b2g1a_0006_2gp1aq	67
AA-stacking	POSCAR_174t4k8_04_1b2g2g2g1a_0025_2gp2gq2gr	67
AA-stacking	POSCAR_174t4k8_04_1b2g2g2g1a_0027_1bo2gp2gr1as	67
AA-stacking	POSCAR_175t2k4_03_2e1a1b_0005_2eo1ap	67
AA-stacking	POSCAR_175t2k4_03_2e1a1b_0006_2eo1bq	67
AA-stacking	POSCAR_175t2k8_01_1a2e2e2e1b_0025_2ep2eq2er	67

AA-stacking	POSCAR_175t2k8_01_1a2e2e2e1b_0027_1ao2ep2er1bs	67
AA-stacking	POSCAR_176t2k8_03_2b4e2a_0005_2bo4ep	67
AA-stacking	POSCAR_176t2k8_03_2b4e2a_0006_4ep2aq	67
AA-stacking	POSCAR_177t2k4_03_2e1a1b_0005_2eo1ap	67
AA-stacking	POSCAR_177t2k4_03_2e1a1b_0006_2eo1bq	67
AA-stacking	POSCAR_177t2k8_04_1a2e2e2e1b_0025_2ep2eq2er	67
AA-stacking	POSCAR_177t2k8_04_1a2e2e2e1b_0027_1ao2ep2er1bs	67
AA-stacking	POSCAR_182t2k8_04_4e2a2b_0005_4eo2ap	67
AA-stacking	POSCAR_182t2k8_04_4e2a2b_0006_4eo2bq	67
AA-stacking	POSCAR_183t2k4_01_1a1a1a1a_0011_1ao1ap1aq	67
AA-stacking	POSCAR_183t2k4_01_1a1a1a1a_0012_1ao1ap1ar	67
AA-stacking	POSCAR_183t2k4_01_1a1a1a1a_0013_1ao1aq1ar	67
AA-stacking	POSCAR_183t2k4_01_1a1a1a1a_0014_1ap1aq1ar	67
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0225_1ao1ap1aq1as1at1	67
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a1a_0230_1ao1ap1ar1as1at1	67
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a1a_0236_1ao1aq1ar1as1au1	67
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a1a_0243_1ap1aq1ar1at1au1	67
AA-stacking	POSCAR_184t2k8_02_2a2a2a2a_0011_2ao2ap2aq	67
AA-stacking	POSCAR_184t2k8_02_2a2a2a2a_0012_2ao2ap2ar	67
AA-stacking	POSCAR_184t2k8_02_2a2a2a2a_0013_2ao2aq2ar	67
AA-stacking	POSCAR_184t2k8_02_2a2a2a2a_0014_2ap2aq2ar	67
AA-stacking	POSCAR_185t2k8_02_2a2a2a2a_0011_2ao2ap2aq	67
AA-stacking	POSCAR_185t2k8_02_2a2a2a2a_0012_2ao2ap2ar	67
AA-stacking	POSCAR_185t2k8_02_2a2a2a2a_0013_2ao2aq2ar	67
AA-stacking	POSCAR_185t2k8_02_2a2a2a2a_0014_2ap2aq2ar	67
AA-stacking	POSCAR_186t2k8_02_2a2a2a2a_0011_2ao2ap2aq	67
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AA-stacking	POSCAR_186t2k8_02_2a2a2a2a_0014_2ap2aq2ar	67
AA-stacking	POSCAR_187t2k4_02_2g1a1b_0005_2go1ap	67
AA-stacking	POSCAR_187t2k4_02_2g1a1b_0006_2go1bq	67
AA-stacking	POSCAR_187t2k8_02_2g1a2g2g1b_0025_2go2gq2gr	67
AA-stacking	POSCAR_187t2k8_02_2g1a2g2g1b_0027_2go1ap2gr1bs	67
AA-stacking	POSCAR_188t2k8_04_4g2a2b_0005_4go2ap	67
AA-stacking	POSCAR_188t2k8_04_4g2a2b_0006_4go2bq	67
AA-stacking	POSCAR_189t2k4_02_2e1a1b_0005_2eo1ap	67
AA-stacking	POSCAR_189t2k4_02_2e1a1b_0006_2eo1bq	67
AA-stacking	POSCAR_189t2k8_03_1a2e2e2e1b_0025_2ep2eq2er	67
AA-stacking	POSCAR_189t2k8_03_1a2e2e2e1b_0027_1ao2ep2er1bs	67
AA-stacking	POSCAR_190t2k8_02_4e2a2b_0005_4eo2ap	67
AA-stacking	POSCAR_190t2k8_02_4e2a2b_0006_4eo2bq	67
AA-stacking	POSCAR_191t1k4_03_1a2e1b_0005_1ao2ep	67
AA-stacking	POSCAR_191t1k4_03_1a2e1b_0006_2ep1bq	67

AA-stacking	POSCAR_191t1k8_03_2e2e2e1a1b_0025_2eo2ep2eq	67
AA-stacking	POSCAR_191t1k8_03_2e2e2e1a1b_0027_2eo2eq1ar1bs	67
AA-stacking	POSCAR_192t1k8_03_4e2b2a_0005_4eo2bp	67
AA-stacking	POSCAR_192t1k8_03_4e2b2a_0006_4eo2aq	67
AA-stacking	POSCAR_193t1k8_02_2a4e2b_0005_2ao4ep	67
AA-stacking	POSCAR_193t1k8_02_2a4e2b_0006_4ep2bq	67
AA-stacking	POSCAR_194t1k8_04_2a4e2b_0005_2ao4ep	67
AA-stacking	POSCAR_194t1k8_04_2a4e2b_0006_4ep2bq	67
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0163_1ao1ap1aq1ar1as	68
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0166_1ao1ap1aq1ar1av	68
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0172_1ao1ap1aq1au1av	68
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0182_1ao1ap1at1au1av	68
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0197_1ao1as1at1au1av	68
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AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0218_1ar1as1at1au1av	68
AA-stacking	POSCAR_174t4k8_04_1b2g2g2g1a_0019_1bo2gp2gq	68
AA-stacking	POSCAR_174t4k8_04_1b2g2g2g1a_0024_2gq2gr1as	68
AA-stacking	POSCAR_175t2k8_01_1a2e2e2e1b_0019_1ao2ep2eq	68
AA-stacking	POSCAR_175t2k8_01_1a2e2e2e1b_0024_2eq2er1bs	68
AA-stacking	POSCAR_177t2k8_04_1a2e2e2e1b_0019_1ao2ep2eq	68
AA-stacking	POSCAR_177t2k8_04_1a2e2e2e1b_0024_2eq2er1bs	68
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AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0166_1ao1ap1aq1ar1av	68
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AA-stacking	POSCAR_187t2k8_02_2g1a2g2g1b_0024_2gq2gr1bs	68
AA-stacking	POSCAR_189t2k8_03_1a2e2e2e1b_0019_1ao2ep2eq	68
AA-stacking	POSCAR_189t2k8_03_1a2e2e2e1b_0024_2eq2er1bs	68
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AA-stacking	POSCAR_191t1k8_03_2e2e2e1a1b_0023_2ep2eq1ar	68
AA-stacking	POSCAR_168t4k6_01_2b1a2b1a_0013_2bo1ap2bq	69
AA-stacking	POSCAR_168t4k6_01_2b1a2b1a_0014_2bo2bq1ar	69
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AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0059_1ao1ep1cq1fs1dt	69
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AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0061_1ao1cq1br1fs1dt	69

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AA-stacking	POSCAR_175t2k6_01_1a2c1b2d_0014_2cp1bq2dr	69
AA-stacking	POSCAR_177t2k6_04_2d1b2c1a_0013_2do1bp2cq	69
AA-stacking	POSCAR_177t2k6_04_2d1b2c1a_0014_2do2cq1ar	69
AA-stacking	POSCAR_183t2k6_01_2b1a2b1a_0013_2bo1ap2bq	69
AA-stacking	POSCAR_183t2k6_01_2b1a2b1a_0014_2bo2bq1ar	69
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AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0060_1fo1dp1er1cs1at	69
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AA-stacking	POSCAR_189t2k6_03_2c1a2d1b_0014_2co2dq1br	69
AA-stacking	POSCAR_191t1k6_01_2c1a2d1b_0013_2co1ap2dq	69
AA-stacking	POSCAR_191t1k6_01_2c1a2d1b_0014_2co2dq1br	69
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a_0001_1ao	70
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a_0002_1ap	70
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a_0003_1aq	70
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a_0004_1ar	70
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a_0005_1as	70
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a_0006_1at	70
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a_0007_1au	70
AA-stacking	POSCAR_174t4k7_02_2g2g1a2g_0001_1aq	70
AA-stacking	POSCAR_175t2k7_01_2e1a2e2e_0001_1ap	70
AA-stacking	POSCAR_177t2k7_01_2e2e2e1a_0001_1ar	70
AA-stacking	POSCAR_183t2k7_01_1a1a1a1a1a1a_0001_1ao	70
AA-stacking	POSCAR_183t2k7_01_1a1a1a1a1a1a_0002_1ap	70
AA-stacking	POSCAR_183t2k7_01_1a1a1a1a1a1a_0003_1aq	70
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AA-stacking	POSCAR_183t2k7_01_1a1a1a1a1a1a_0007_1au	70
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AA-stacking	POSCAR_189t2k7_01_2e1a2e2e_0001_1ap	70
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AA-stacking	POSCAR_168t4k4_01_1a1a1a1a_0002_1ap	71
AA-stacking	POSCAR_168t4k4_01_1a1a1a1a_0003_1aq	71
AA-stacking	POSCAR_168t4k4_01_1a1a1a1a_0004_1ar	71
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AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0019_1ap1at	71

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AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0030_1ar1av	71
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AA-stacking	POSCAR_173t4k8_01_2a2a2a2a_0002_2ap	71
AA-stacking	POSCAR_173t4k8_01_2a2a2a2a_0003_2aq	71
AA-stacking	POSCAR_173t4k8_01_2a2a2a2a_0004_2ar	71
AA-stacking	POSCAR_174t4k4_02_1b2g1a_0001_1bo	71
AA-stacking	POSCAR_174t4k4_02_1b2g1a_0002_1aq	71
AA-stacking	POSCAR_174t4k8_04_1b2g2g2g1a_0004_2gq	71
AA-stacking	POSCAR_174t4k8_04_1b2g2g2g1a_0006_1bo1as	71
AA-stacking	POSCAR_175t2k4_03_2e1a1b_0001_1ap	71
AA-stacking	POSCAR_175t2k4_03_2e1a1b_0002_1bq	71
AA-stacking	POSCAR_175t2k8_01_1a2e2e2e1b_0004_2eq	71
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AA-stacking	POSCAR_176t2k8_03_2b4e2a_0002_2aq	71
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AA-stacking	POSCAR_177t2k4_03_2e1a1b_0002_1bq	71
AA-stacking	POSCAR_177t2k8_04_1a2e2e2e1b_0004_2eq	71
AA-stacking	POSCAR_177t2k8_04_1a2e2e2e1b_0006_1ao1bs	71
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AA-stacking	POSCAR_182t2k8_04_4e2a2b_0002_2bq	71
AA-stacking	POSCAR_183t2k4_01_1a1a1a1a_0001_1ao	71
AA-stacking	POSCAR_183t2k4_01_1a1a1a1a_0002_1ap	71
AA-stacking	POSCAR_183t2k4_01_1a1a1a1a_0003_1aq	71
AA-stacking	POSCAR_183t2k4_01_1a1a1a1a_0004_1ar	71
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AA-stacking	POSCAR_184t2k8_02_2a2a2a2a_0002_2ap	71
AA-stacking	POSCAR_184t2k8_02_2a2a2a2a_0003_2aq	71
AA-stacking	POSCAR_184t2k8_02_2a2a2a2a_0004_2ar	71
AA-stacking	POSCAR_185t2k8_02_2a2a2a2a_0001_2ao	71
AA-stacking	POSCAR_185t2k8_02_2a2a2a2a_0002_2ap	71
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AA-stacking	POSCAR_186t2k8_02_2a2a2a2a_0004_2ar	71
AA-stacking	POSCAR_187t2k4_02_2g1a1b_0001_1ap	71

AA-stacking	POSCAR_187t2k4_02_2g1a1b_0002_1bq	71
AA-stacking	POSCAR_187t2k8_02_2g1a2g2g1b_0004_2gq	71
AA-stacking	POSCAR_187t2k8_02_2g1a2g2g1b_0006_1ap1bs	71
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AA-stacking	POSCAR_189t2k4_02_2e1a1b_0001_1ap	71
AA-stacking	POSCAR_189t2k4_02_2e1a1b_0002_1bq	71
AA-stacking	POSCAR_189t2k8_03_1a2e2e2e1b_0004_2eq	71
AA-stacking	POSCAR_189t2k8_03_1a2e2e2e1b_0006_1ao1bs	71
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AA-stacking	POSCAR_190t2k8_02_4e2a2b_0002_2bq	71
AA-stacking	POSCAR_191t1k4_03_1a2e1b_0001_1ao	71
AA-stacking	POSCAR_191t1k4_03_1a2e1b_0002_1bq	71
AA-stacking	POSCAR_191t1k8_03_2e2e2e1a1b_0004_2ep	71
AA-stacking	POSCAR_191t1k8_03_2e2e2e1a1b_0006_1ar1bs	71
AA-stacking	POSCAR_192t1k8_03_4e2b2a_0001_2bp	71
AA-stacking	POSCAR_192t1k8_03_4e2b2a_0002_2aq	71
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AA-stacking	POSCAR_193t1k8_02_2a4e2b_0002_2bq	71
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AA-stacking	POSCAR_194t1k8_04_2a4e2b_0002_2bq	71
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AA-stacking	POSCAR_173t4k6_01_2a2b2b_0005_2ao2bq	72
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AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0052_1ep1cq1br1fs	72
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0053_1ep1cq1br1dt	72
AA-stacking	POSCAR_176t2k6_04_2c2d2a_0005_2co2aq	72
AA-stacking	POSCAR_176t2k6_04_2c2d2a_0006_2dp2aq	72
AA-stacking	POSCAR_182t2k6_04_2c2d2b_0005_2co2bq	72
AA-stacking	POSCAR_182t2k6_04_2c2d2b_0006_2dp2bq	72
AA-stacking	POSCAR_186t2k6_02_2b2a2b_0004_2bo2ap	72
AA-stacking	POSCAR_186t2k6_02_2b2a2b_0006_2ap2bq	72
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AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0047_1fo1dp1cs1at	72
AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0048_1fo1bq1er1cs	72
AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0050_1fo1bq1cs1at	72
AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0052_1dp1bq1er1cs	72
AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0053_1dp1bq1er1at	72
AA-stacking	POSCAR_190t2k6_05_2d2b2c_0004_2do2bp	72
AA-stacking	POSCAR_190t2k6_05_2d2b2c_0006_2bp2cq	72

AA-stacking	POSCAR_194t1k6_02_2c2d2b_0005_2co2bq	72
AA-stacking	POSCAR_194t1k6_02_2c2d2b_0006_2dp2bq	72
AA-stacking	POSCAR_174t4k9_02_1e3j3j1c1a_0010_1eo3jp	73
AA-stacking	POSCAR_174t4k9_02_1e3j3j1c1a_0011_1eo3jq	73
AA-stacking	POSCAR_174t4k9_02_1e3j3j1c1a_0012_3jp1cr	73
AA-stacking	POSCAR_174t4k9_02_1e3j3j1c1a_0013_3jp1as	73
AA-stacking	POSCAR_174t4k9_02_1e3j3j1c1a_0014_3jq1cr	73
AA-stacking	POSCAR_174t4k9_02_1e3j3j1c1a_0015_3jq1as	73
AA-stacking	POSCAR_189t2k9_01_1a3f3f2c_0006_1ao3fp	73
AA-stacking	POSCAR_189t2k9_01_1a3f3f2c_0007_1ao3fq	73
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0382_1ao1ap1aq1ar1a	74
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0385_1ao1ap1aq1ar1a	74
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0391_1ao1ap1aq1ar1a	74
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0401_1ao1ap1aq1au1	74
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0416_1ao1ap1at1au1a	74
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0437_1ao1as1at1au1a	74
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0438_1ap1aq1ar1as1a	74
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0459_1aq1ar1as1at1a	74
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0465_1ar1as1at1au1av	74
AA-stacking	POSCAR_174t4k9_04_1a2g2g2g2g_0025_2gq2gr2gs	74
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AA-stacking	POSCAR_177t2k9_03_2e2e2e1a2e_0023_2eo2ep2es	74
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0382_1ao1ap1aq1ar1a	74
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0385_1ao1ap1aq1ar1a	74
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0391_1ao1ap1aq1ar1a	74
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AA-stacking	POSCAR_187t2k9_03_2g2g1a2g2g_0024_2go2gr2gs	74
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AA-stacking	POSCAR_191t1k9_01_2e2e1a2e2e_0024_2eo2er2es	74
AA-stacking	POSCAR_168t4k9_01_6d2b1a_0001_1aq	75
AA-stacking	POSCAR_174t4k9_02_1e3j3j1c1a_0001_1eo	75
AA-stacking	POSCAR_174t4k9_02_1e3j3j1c1a_0002_1cr	75
AA-stacking	POSCAR_174t4k9_02_1e3j3j1c1a_0003_1as	75
AA-stacking	POSCAR_175t2k9_03_2c6j1a_0001_1aq	75
AA-stacking	POSCAR_177t2k9_02_6j1a2c_0001_1ap	75
AA-stacking	POSCAR_183t2k9_03_2b6d1a_0001_1aq	75
AA-stacking	POSCAR_187t2k9_01_6l1e1a1c_0001_1ep	75
AA-stacking	POSCAR_187t2k9_01_6l1e1a1c_0002_1aq	75

AA-stacking	POSCAR_187t2k9_01_6l1e1a1c_0003_1cr	75
AA-stacking	POSCAR_189t2k9_01_1a3f3f2c_0001_1ao	75
AA-stacking	POSCAR_191t1k9_02_6j2c1a_0001_1aq	75
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a_0064_1ao1ap1aq1ar	76
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a_0067_1ao1ap1aq1au	76
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a_0073_1ao1ap1at1au	76
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a_0083_1ao1as1at1au	76
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a_0084_1ap1aq1ar1as	76
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a_0094_1aq1ar1as1at	76
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AA-stacking	POSCAR_175t2k7_01_2e1a2e2e_0010_2eq2er	76
AA-stacking	POSCAR_177t2k7_01_2e2e2e1a_0008_2eo2ep	76
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AA-stacking	POSCAR_189t2k7_01_2e1a2e2e_0010_2eq2er	76
AA-stacking	POSCAR_191t1k7_01_1a2e2e2e_0010_2eq2er	76
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AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a_0066_1ao1ap1aq1at	77
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AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a_0085_1ap1aq1ar1at	77
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a_0086_1ap1aq1ar1au	77
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AA-stacking	POSCAR_175t2k8_03_2e2e2e2e_0008_2ep2eq	78
AA-stacking	POSCAR_177t2k8_02_2e2e2e2e_0005_2eo2ep	78
AA-stacking	POSCAR_177t2k8_02_2e2e2e2e_0010_2eq2er	78
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AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0097_1ao1ap1aq1av	78
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AA-stacking	POSCAR_189t2k8_02_2e2e2e2e_0010_2eq2er	78
AA-stacking	POSCAR_191t1k8_01_2e2e2e2e_0005_2eo2ep	78
AA-stacking	POSCAR_191t1k8_01_2e2e2e2e_0010_2eq2er	78
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AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0002_1ap	79
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0003_1aq	79
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0004_1ar	79
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0005_1as	79
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0006_1at	79
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0007_1au	79

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AA-stacking	POSCAR_174t4k8_04_1b2g2g2g1a_0002_1as	79
AA-stacking	POSCAR_175t2k8_01_1a2e2e2e1b_0001_1ao	79
AA-stacking	POSCAR_175t2k8_01_1a2e2e2e1b_0002_1bs	79
AA-stacking	POSCAR_177t2k8_04_1a2e2e2e1b_0001_1ao	79
AA-stacking	POSCAR_177t2k8_04_1a2e2e2e1b_0002_1bs	79
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0001_1ao	79
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0002_1ap	79
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0003_1aq	79
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0004_1ar	79
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0005_1as	79
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0006_1at	79
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0007_1au	79
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0008_1av	79
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AA-stacking	POSCAR_187t2k8_02_2g1a2g2g1b_0002_1bs	79
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AA-stacking	POSCAR_168t4k7_03_6d1a_0001_1ap	80
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AA-stacking	POSCAR_175t2k7_02_6j1a_0001_1ap	80
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AA-stacking	POSCAR_174t4k9_03_2g2i2h1a1e1c_0027_2ip1ar1ct	81
AA-stacking	POSCAR_174t4k9_03_2g2i2h1a1e1c_0029_2hq1ar1es	81
AA-stacking	POSCAR_175t2k9_02_2c1a4h2e_0007_2co2er	81
AA-stacking	POSCAR_177t2k9_01_1a2c2e4h_0007_2cp2eq	81
AA-stacking	POSCAR_183t2k9_02_2b1a2b2b1a1a_0025_2bo1as1at	81
AA-stacking	POSCAR_183t2k9_02_2b1a2b2b1a1a_0027_1ap2bq1at	81
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AA-stacking	POSCAR_191t1k9_03_4h2e2c1a_0007_2ep2cq	81
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AA-stacking	POSCAR_177t2k9_03_2e2e2e1a2e_0029_2ep2eq1ar2es	82
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AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0491_1ao1aq1ar1at1a	82
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0496_1ap1aq1ar1as1a	82
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AA-stacking	POSCAR_189t2k9_04_2e2e2e2e1a_0028_2eo2eq2er1as	82
AA-stacking	POSCAR_191t1k9_01_2e2e1a2e2e_0027_2eo2ep1aq2es	82
AA-stacking	POSCAR_174t4k9_03_2g2i2h1a1e1c_0046_2go2ip1ar1ct	83
AA-stacking	POSCAR_174t4k9_03_2g2i2h1a1e1c_0047_2go2ip1es1ct	83
AA-stacking	POSCAR_174t4k9_03_2g2i2h1a1e1c_0048_2go2hq1ar1es	83
AA-stacking	POSCAR_174t4k9_03_2g2i2h1a1e1c_0050_2go2hq1es1ct	83
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AA-stacking	POSCAR_174t4k9_03_2g2i2h1a1e1c_0052_2ip2hq1ar1ct	83
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AA-stacking	POSCAR_187t2k9_02_1c1a1e2h2g2i_0047_1co1ap2gs2it	83
AA-stacking	POSCAR_187t2k9_02_1c1a1e2h2g2i_0048_1co1eq2hr2gs	83
AA-stacking	POSCAR_187t2k9_02_1c1a1e2h2g2i_0050_1co1eq2gs2it	83
AA-stacking	POSCAR_187t2k9_02_1c1a1e2h2g2i_0051_1ap1eq2hr2gs	83
AA-stacking	POSCAR_187t2k9_02_1c1a1e2h2g2i_0052_1ap1eq2hr2it	83
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AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0259_1ao1ap1aq1ar1a	84
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AA-stacking	POSCAR_183t2k9_02_2b1a2b2b1a1a_0026_1ap2bq1as	90
AA-stacking	POSCAR_183t2k9_02_2b1a2b2b1a1a_0029_1ap2br1at	90
AA-stacking	POSCAR_183t2k9_02_2b1a2b2b1a1a_0030_2bq1as1at	90
AA-stacking	POSCAR_183t2k9_02_2b1a2b2b1a1a_0031_2br1as1at	90
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0256_1ao1ap1aq1ar1a	91
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0260_1ao1ap1aq1ar1a	91
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0270_1ao1ap1aq1av1a	91
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0290_1ao1ap1au1av1a	91
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0325_1ao1at1au1av1a	91
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0326_1ap1aq1ar1as1a	91
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0361_1aq1ar1as1at1a	91
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0376_1ar1as1at1au1av	91
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0381_1as1at1au1av1a	91
AA-stacking	POSCAR_174t4k9_04_1a2g2g2g2g_0016_1ao2gp2gq	91
AA-stacking	POSCAR_175t2k9_01_2e2e1a2e2e_0016_2eo2ep1aq	91
AA-stacking	POSCAR_177t2k9_03_2e2e2e1a2e_0019_2ep2eq1ar	91
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0256_1ao1ap1aq1ar1a	91
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0260_1ao1ap1aq1ar1a	91
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0270_1ao1ap1aq1av1a	91
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0290_1ao1ap1au1av1a	91

AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0325_1ao1at1au1av1a	91
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0326_1ap1aq1ar1as1a	91
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0361_1aq1ar1as1at1a	91
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0376_1ar1as1at1au1av	91
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0381_1as1at1au1av1a	91
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AA-stacking	POSCAR_189t2k9_04_2e2e2e2e1a_0018_2eo2er1as	91
AA-stacking	POSCAR_191t1k9_01_2e2e1a2e2e_0016_2eo2ep1aq	91
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0157_1ao1aq1as1au	92
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0158_1ao1aq1as1av	92
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0161_1ao1aq1at1av	92
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0171_1ao1ar1at1av	92
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0206_1ap1ar1at1av	92
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0207_1ap1ar1at1aw	92
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0209_1ap1ar1au1aw	92
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0215_1ap1as1au1aw	92
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0235_1aq1as1au1aw	92
AA-stacking	POSCAR_174t4k9_04_1a2g2g2g2g_0011_2gp2gr	92
AA-stacking	POSCAR_175t2k9_01_2e2e1a2e2e_0013_2ep2er	92
AA-stacking	POSCAR_177t2k9_03_2e2e2e1a2e_0011_2eo2eq	92
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AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0158_1ao1aq1as1av	92
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0161_1ao1aq1at1av	92
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0171_1ao1ar1at1av	92
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0206_1ap1ar1at1av	92
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AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0209_1ap1ar1au1aw	92
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AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0235_1aq1as1au1aw	92
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AA-stacking	POSCAR_189t2k9_04_2e2e2e2e1a_0014_2ep2er	92
AA-stacking	POSCAR_191t1k9_01_2e2e1a2e2e_0013_2ep2er	92
AA-stacking	POSCAR_168t4k9_02_2b1a2b2b1a1a_0046_2bo1ap2bq1at	93
AA-stacking	POSCAR_168t4k9_02_2b1a2b2b1a1a_0047_2bo1ap2br1as	93
AA-stacking	POSCAR_168t4k9_02_2b1a2b2b1a1a_0049_2bo2bq1as1at	93
AA-stacking	POSCAR_168t4k9_02_2b1a2b2b1a1a_0050_2bo2br1as1at	93
AA-stacking	POSCAR_168t4k9_02_2b1a2b2b1a1a_0051_1ap2bq2br1as	93
AA-stacking	POSCAR_168t4k9_02_2b1a2b2b1a1a_0052_1ap2bq2br1at	93
AA-stacking	POSCAR_183t2k9_02_2b1a2b2b1a1a_0046_2bo1ap2bq1at	93
AA-stacking	POSCAR_183t2k9_02_2b1a2b2b1a1a_0047_2bo1ap2br1as	93
AA-stacking	POSCAR_183t2k9_02_2b1a2b2b1a1a_0049_2bo2bq1as1at	93
AA-stacking	POSCAR_183t2k9_02_2b1a2b2b1a1a_0050_2bo2br1as1at	93
AA-stacking	POSCAR_183t2k9_02_2b1a2b2b1a1a_0051_1ap2bq2br1as	93

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AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0485_1ao1ap1ar1at1a	94
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0487_1ao1aq1ar1as1a	94
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0492_1ao1aq1as1at1a	94
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0495_1ap1aq1ar1as1a	94
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0500_1ap1ar1as1at1a	94
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AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0485_1ao1ap1ar1at1a	94
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AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0492_1ao1aq1as1at1a	94
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AA-stacking	POSCAR_191t1k9_01_2e2e1a2e2e_0028_2eo1aq2er2es	94
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AA-stacking	POSCAR_168t4k6_01_2b1a2b1a_0012_1ap2bq1ar	95
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AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0044_1ao1ep1cq1dt	95
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AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0056_1cq1br1fs1dt	95
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AA-stacking	POSCAR_183t2k6_01_2b1a2b1a_0012_1ap2bq1ar	95
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AA-stacking	POSCAR_189t2k6_03_2c1a2d1b_0012_1ap2dq1br	95
AA-stacking	POSCAR_191t1k6_01_2c1a2d1b_0011_2co1ap1br	95
AA-stacking	POSCAR_191t1k6_01_2c1a2d1b_0012_1ap2dq1br	95
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AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0359_1ap1as1au1av1a	96
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AA-stacking	POSCAR_175t2k9_01_2e2e1a2e2e_0019_2ep1aq2er	96
AA-stacking	POSCAR_177t2k9_03_2e2e2e1a2e_0017_2eo2eq1ar	96
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0263_1ao1ap1aq1as1	96
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0279_1ao1ap1ar1au1a	96
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0292_1ao1aq1ar1as1a	96
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AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0347_1ap1ar1as1at1av	96
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0359_1ap1as1au1av1a	96
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AA-stacking	POSCAR_191t1k9_01_2e2e1a2e2e_0019_2ep1aq2er	96
AA-stacking	POSCAR_168t4k9_01_6d2b1a_0006_6do2bp	97
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AA-stacking	POSCAR_174t4k9_02_1e3j3j1c1a_0029_1eo3jp3jq1as	97
AA-stacking	POSCAR_174t4k9_02_1e3j3j1c1a_0030_3jp3jq1cr1as	97
AA-stacking	POSCAR_175t2k9_03_2c6j1a_0006_2co6jp	97
AA-stacking	POSCAR_177t2k9_02_6j1a2c_0006_6jo2cq	97
AA-stacking	POSCAR_183t2k9_03_2b6d1a_0006_2bo6dp	97
AA-stacking	POSCAR_187t2k9_01_6l1e1a1c_0012_6lo1ep1aq	97
AA-stacking	POSCAR_187t2k9_01_6l1e1a1c_0013_6lo1ep1cr	97
AA-stacking	POSCAR_187t2k9_01_6l1e1a1c_0014_6lo1aq1cr	97
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AA-stacking	POSCAR_191t1k9_02_6j2c1a_0006_6jo2cp	97
AA-stacking	POSCAR_168t4k4_02_3c1a_0002_3co	98

AA-stacking	POSCAR_168t4k8_01_3c1a3c1a_0012_3co3cq	98
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AA-stacking	POSCAR_174t4k4_03_3j1a_0002_3jo	98
AA-stacking	POSCAR_174t4k8_01_3j1a3k1b_0012_3jo3kq	98
AA-stacking	POSCAR_174t4k8_03_6l2g_0002_6lo	98
AA-stacking	POSCAR_175t2k4_01_1a3f_0002_3fp	98
AA-stacking	POSCAR_175t2k8_02_3f1a3g1b_0012_3fo3gq	98
AA-stacking	POSCAR_175t2k8_04_6i2e_0002_6io	98
AA-stacking	POSCAR_176t2k8_02_6g2b_0002_6go	98
AA-stacking	POSCAR_176t2k8_04_6h2a_0002_6ho	98
AA-stacking	POSCAR_177t2k4_01_3f1a_0002_3fo	98
AA-stacking	POSCAR_177t2k8_01_6i2e_0002_6io	98
AA-stacking	POSCAR_177t2k8_03_3f1a3g1b_0012_3fo3gq	98
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AA-stacking	POSCAR_182t2k8_03_6g2a_0002_6go	98
AA-stacking	POSCAR_183t2k4_02_3c1a_0002_3co	98
AA-stacking	POSCAR_183t2k8_01_3c1a3c1a_0012_3co3cq	98
AA-stacking	POSCAR_184t2k8_01_2a6c_0002_6cp	98
AA-stacking	POSCAR_185t2k8_01_6c2a_0002_6co	98
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AA-stacking	POSCAR_187t2k4_03_1a3j_0002_3jp	98
AA-stacking	POSCAR_187t2k8_01_1a3j1b3k_0012_3jp3kr	98
AA-stacking	POSCAR_187t2k8_03_6n2g_0002_6no	98
AA-stacking	POSCAR_188t2k8_01_6j2a_0002_6jo	98
AA-stacking	POSCAR_188t2k8_03_6k2b_0002_6ko	98
AA-stacking	POSCAR_189t2k4_03_3f1a_0002_3fo	98
AA-stacking	POSCAR_189t2k8_01_6i2e_0002_6io	98
AA-stacking	POSCAR_189t2k8_04_3f3g1a1b_0012_3fo3gp	98
AA-stacking	POSCAR_190t2k8_03_6h2b_0002_6ho	98
AA-stacking	POSCAR_190t2k8_04_6g2a_0002_6go	98
AA-stacking	POSCAR_191t1k4_02_3f1a_0002_3fo	98
AA-stacking	POSCAR_191t1k8_02_6i2e_0002_6io	98
AA-stacking	POSCAR_191t1k8_04_3f1a3g1b_0012_3fo3gq	98
AA-stacking	POSCAR_192t1k8_01_6f2a_0002_6fo	98
AA-stacking	POSCAR_192t1k8_02_6g2b_0002_6go	98
AA-stacking	POSCAR_193t1k8_01_2a6g_0002_6gp	98
AA-stacking	POSCAR_193t1k8_03_6f2b_0002_6fo	98
AA-stacking	POSCAR_194t1k8_01_6g2a_0002_6go	98
AA-stacking	POSCAR_194t1k8_03_6h2b_0002_6ho	98
AA-stacking	POSCAR_168t4k7_01_6d1a_0002_6do	99
AA-stacking	POSCAR_168t4k7_03_6d1a_0002_6do	99
AA-stacking	POSCAR_174t4k7_01_3j3j1a_0006_3jo3jp	99
AA-stacking	POSCAR_175t2k7_02_6j1a_0002_6jo	99

AA-stacking	POSCAR_175t2k7_03_6j1a_0002_6jo	99
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AA-stacking	POSCAR_174t4k9_02_1e3j3j1c1a_0017_1eo3jp1as	100
AA-stacking	POSCAR_174t4k9_02_1e3j3j1c1a_0018_1eo3jq1cr	100
AA-stacking	POSCAR_174t4k9_02_1e3j3j1c1a_0019_1eo3jq1as	100
AA-stacking	POSCAR_174t4k9_02_1e3j3j1c1a_0020_3jp1cr1as	100
AA-stacking	POSCAR_174t4k9_02_1e3j3j1c1a_0021_3jq1cr1as	100
AA-stacking	POSCAR_189t2k9_01_1a3f3f2c_0008_3fp2cr	100
AA-stacking	POSCAR_189t2k9_01_1a3f3f2c_0009_3fq2cr	100
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0098_1ao1ap1ar1as	101
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0105_1ao1ap1at1au	101
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0111_1ao1aq1ar1av	101
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0125_1ao1as1at1av	101
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0132_1ap1aq1as1at	101
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0137_1ap1aq1au1av	101
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0151_1aq1ar1at1au	101
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0160_1ar1as1au1av	101
AA-stacking	POSCAR_174t4k8_04_1b2g2g2g1a_0013_2gp2gq	101
AA-stacking	POSCAR_174t4k8_04_1b2g2g2g1a_0015_2gq2gr	101
AA-stacking	POSCAR_175t2k8_01_1a2e2e2e1b_0013_2ep2eq	101
AA-stacking	POSCAR_175t2k8_01_1a2e2e2e1b_0015_2eq2er	101
AA-stacking	POSCAR_177t2k8_04_1a2e2e2e1b_0013_2ep2eq	101
AA-stacking	POSCAR_177t2k8_04_1a2e2e2e1b_0015_2eq2er	101
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0098_1ao1ap1ar1as	101
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0105_1ao1ap1at1au	101
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0111_1ao1aq1ar1av	101
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0125_1ao1as1at1av	101
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0132_1ap1aq1as1at	101
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0137_1ap1aq1au1av	101
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0151_1aq1ar1at1au	101
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0160_1ar1as1au1av	101
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AA-stacking	POSCAR_187t2k8_02_2g1a2g2g1b_0015_2gq2gr	101
AA-stacking	POSCAR_189t2k8_03_1a2e2e2e1b_0013_2ep2eq	101
AA-stacking	POSCAR_189t2k8_03_1a2e2e2e1b_0015_2eq2er	101
AA-stacking	POSCAR_191t1k8_03_2e2e2e1a1b_0013_2eo2ep	101
AA-stacking	POSCAR_191t1k8_03_2e2e2e1a1b_0015_2ep2eq	101
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a1a_0030_1ao1ap1ar	102
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a1a_0032_1ao1ap1at	102
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a1a_0034_1ao1aq1ar	102
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a1a_0037_1ao1aq1au	102
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a1a_0041_1ao1as1at	102
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a1a_0042_1ao1as1au	102

AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a_0045_1ap1aq1as	102
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a_0047_1ap1aq1au	102
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a_0048_1ap1ar1as	102
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AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a_0062_1ar1at1au	102
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AA-stacking	POSCAR_183t2k7_01_1a1a1a1a1a1a_0041_1ao1as1at	102
AA-stacking	POSCAR_183t2k7_01_1a1a1a1a1a1a_0042_1ao1as1au	102
AA-stacking	POSCAR_183t2k7_01_1a1a1a1a1a1a_0045_1ap1aq1as	102
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AA-stacking	POSCAR_183t2k7_01_1a1a1a1a1a1a_0048_1ap1ar1as	102
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AA-stacking	POSCAR_183t2k9_02_2b1a2b2b1a1a_0035_2bo2bq1at	104
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AA-stacking	POSCAR_177t2k7_01_2e2e2e1a_0010_2ep2eq	105
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AA-stacking	POSCAR_191t1k7_01_1a2e2e2e_0009_2ep2er	105
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AA-stacking	POSCAR_168t4k8_01_3c1a3c1a_0014_3co3cq1ar	106
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AA-stacking	POSCAR_189t2k8_04_3f3g1a1b_0014_3fo3gp1br	106
AA-stacking	POSCAR_191t1k8_04_3f1a3g1b_0013_3fo1ap3gq	106
AA-stacking	POSCAR_191t1k8_04_3f1a3g1b_0014_3fo3gq1br	106
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AA-stacking	POSCAR_189t2k9_04_2e2e2e2e1a_0030_2eo2ep2eq2er	107
AA-stacking	POSCAR_191t1k9_01_2e2e1a2e2e_0030_2eo2ep2er2es	107
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AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0091_1ap1at1aw	108
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0102_1aq1as1av	108
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0103_1aq1as1aw	108
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0105_1aq1at1av	108
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0108_1aq1au1aw	108
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0116_1ar1at1aw	108
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0118_1ar1au1aw	108
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0055_1ao1aq1at	108
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0056_1ao1aq1au	108
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0060_1ao1ar1at	108
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0062_1ao1ar1av	108
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0065_1ao1as1au	108
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0066_1ao1as1av	108
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0082_1ap1ar1au	108
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0083_1ap1ar1av	108
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0086_1ap1as1au	108
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0088_1ap1as1aw	108
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0090_1ap1at1av	108
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0091_1ap1at1aw	108
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0102_1aq1as1av	108
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0103_1aq1as1aw	108
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0105_1aq1at1av	108
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0108_1aq1au1aw	108
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0116_1ar1at1aw	108
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0118_1ar1au1aw	108
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a1a_0037_1ao1ap1aq	109
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a1a_0042_1ao1ap1av	109

AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0057_1ao1au1av	109
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AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0073_1aq1ar1as	109
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0083_1ar1as1at	109
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0089_1as1at1au	109
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0092_1at1au1av	109
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AA-stacking	POSCAR_174t4k8_04_1b2g2g2g1a_0012_2gr1as	109
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AA-stacking	POSCAR_175t2k8_01_1a2e2e2e1b_0012_2er1bs	109
AA-stacking	POSCAR_177t2k8_04_1a2e2e2e1b_0007_1ao2ep	109
AA-stacking	POSCAR_177t2k8_04_1a2e2e2e1b_0012_2er1bs	109
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AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0057_1ao1au1av	109
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AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0073_1aq1ar1as	109
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AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0089_1as1at1au	109
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AA-stacking	POSCAR_189t2k8_03_1a2e2e2e1b_0012_2er1bs	109
AA-stacking	POSCAR_191t1k8_03_2e2e2e1a1b_0008_2eo1bs	109
AA-stacking	POSCAR_191t1k8_03_2e2e2e1a1b_0011_2eq1ar	109
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AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a_0077_1ap1aq1au	110
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a_0089_1ap1at1au	110
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AA-stacking	POSCAR_177t2k9_03_2e2e2e1a2e_0009_1ar2es	110
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AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a_0064_1ao1as1at	110
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AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a_0077_1ap1aq1au	110
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a_0089_1ap1at1au	110

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AA-stacking	POSCAR_168t4k8_01_3c1a3c1a_0011_1ap3cq1ar	111
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AA-stacking	POSCAR_174t4k8_01_3j1a3k1b_0011_1ap3kq1br	111
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AA-stacking	POSCAR_175t2k8_02_3f1a3g1b_0011_1ap3gq1br	111
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AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a1a_0187_1ao1aq1ar1at1av	112
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a1a_0190_1ao1aq1as1at1av	112
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AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a1a_0206_1ap1aq1as1au1av	112
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AA-stacking	POSCAR_175t2k8_01_1a2e2e2e1b_0021_1ao2eq2er	112
AA-stacking	POSCAR_175t2k8_01_1a2e2e2e1b_0022_2ep2eq1bs	112
AA-stacking	POSCAR_177t2k8_04_1a2e2e2e1b_0021_1ao2eq2er	112
AA-stacking	POSCAR_177t2k8_04_1a2e2e2e1b_0022_2ep2eq1bs	112
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AA-stacking	POSCAR_191t1k8_03_2e2e2e1a1b_0024_2ep2eq1bs	112
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AA-stacking	POSCAR_168t4k6_01_2b1a2b1a_0010_2bo2bq	113
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AA-stacking	POSCAR_168t4k9_02_2b1a2b2b1a1a_0044_2bo2bq2br	113
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AA-stacking	POSCAR_172t4k9_01_3a6c_0002_6cp	113
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AA-stacking	POSCAR_174t4k3_01_1c1a1e_0005_1co1eq	113
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AA-stacking	POSCAR_174t4k6_03_2h2g2i_0006_2gp2iq	113
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AA-stacking	POSCAR_174t4k9_02_1e3j3j1c1a_0024_1eo3jq1cr1as	113
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AA-stacking	POSCAR_174t4k9_03_2g2i2h1a1e1c_0049_2go2hq1ar1ct	113
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AA-stacking	POSCAR_177t2k9_02_6j1a2c_0004_6jo	113
AA-stacking	POSCAR_180t2k9_02_6i3a_0002_6io	113

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AA-stacking	POSCAR_182t2k6_03_4f2a_0002_4fo	113
AA-stacking	POSCAR_182t2k6_04_2c2d2b_0004_2co2dp	113
AA-stacking	POSCAR_183t2k3_01_1a2b_0002_2bp	113
AA-stacking	POSCAR_183t2k6_01_2b1a2b1a_0010_2bo2bq	113
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AA-stacking	POSCAR_187t2k3_01_1a1e1c_0005_1ao1cq	113
AA-stacking	POSCAR_187t2k3_01_1a1e1c_0006_1ep1cq	113
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AA-stacking	POSCAR_188t2k6_01_2d2b2f_0005_2do2fq	113
AA-stacking	POSCAR_188t2k6_01_2d2b2f_0006_2bp2fq	113
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AA-stacking	POSCAR_188t2k6_02_2a2e2c_0005_2ao2cq	113
AA-stacking	POSCAR_188t2k6_02_2a2e2c_0006_2ep2cq	113
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AA-stacking	POSCAR_189t2k6_03_2c1a2d1b_0010_2co2dq	113
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AA-stacking	POSCAR_189t2k9_01_1a3f3f2c_0011_1ao3fp2cr	113
AA-stacking	POSCAR_189t2k9_01_1a3f3f2c_0012_1ao3fq2cr	113
AA-stacking	POSCAR_189t2k9_02_2c1a4h2e_0010_2co4hq	113
AA-stacking	POSCAR_190t2k6_02_2a4f_0002_4fp	113
AA-stacking	POSCAR_190t2k6_05_2d2b2c_0005_2do2cq	113
AA-stacking	POSCAR_191t1k3_01_2c1a_0002_2co	113
AA-stacking	POSCAR_191t1k6_01_2c1a2d1b_0010_2co2dq	113
AA-stacking	POSCAR_191t1k6_02_2e4h_0002_4hp	113
AA-stacking	POSCAR_191t1k9_02_6j2c1a_0004_6jo	113
AA-stacking	POSCAR_191t1k9_03_4h2e2c1a_0011_4ho2cq	113

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AA-stacking	POSCAR_192t1k6_04_4d2b_0002_4do	113
AA-stacking	POSCAR_193t1k6_01_4c2a_0002_4co	113
AA-stacking	POSCAR_193t1k6_02_4d2b_0002_4do	113
AA-stacking	POSCAR_194t1k6_02_2c2d2b_0004_2co2dp	113
AA-stacking	POSCAR_194t1k6_03_4f2a_0002_4fo	113
AA-stacking	POSCAR_168t4k6_01_2b1a2b1a_0007_2bo1ar	114
AA-stacking	POSCAR_168t4k6_01_2b1a2b1a_0008_1ap2bq	114
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0025_1ao1ep1dt	114
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0027_1ao1cq1fs	114
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0031_1ao1fs1dt	114
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0032_1ep1cq1br	114
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0036_1ep1br1dt	114
AA-stacking	POSCAR_174t4k6_01_1a1e1c1b1f1d_0038_1cq1br1fs	114
AA-stacking	POSCAR_175t2k6_01_1a2c1b2d_0007_1ao2dr	114
AA-stacking	POSCAR_175t2k6_01_1a2c1b2d_0008_2cp1bq	114
AA-stacking	POSCAR_177t2k6_04_2d1b2c1a_0007_2do1ar	114
AA-stacking	POSCAR_177t2k6_04_2d1b2c1a_0008_1bp2cq	114
AA-stacking	POSCAR_183t2k6_01_2b1a2b1a_0007_2bo1ar	114
AA-stacking	POSCAR_183t2k6_01_2b1a2b1a_0008_1ap2bq	114
AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0025_1fo1dp1at	114
AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0027_1fo1bq1cs	114
AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0031_1fo1cs1at	114
AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0032_1dp1bq1er	114
AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0036_1dp1er1at	114
AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0038_1bq1er1cs	114
AA-stacking	POSCAR_189t2k6_03_2c1a2d1b_0007_2co1br	114
AA-stacking	POSCAR_189t2k6_03_2c1a2d1b_0008_1ap2dq	114
AA-stacking	POSCAR_191t1k6_01_2c1a2d1b_0007_2co1br	114
AA-stacking	POSCAR_191t1k6_01_2c1a2d1b_0008_1ap2dq	114
AA-stacking	POSCAR_168t4k6_02_1a1a1a1a1a1a_0007_1ao1ap	115
AA-stacking	POSCAR_168t4k6_02_1a1a1a1a1a1a_0011_1ao1at	115
AA-stacking	POSCAR_168t4k6_02_1a1a1a1a1a1a_0012_1ap1aq	115
AA-stacking	POSCAR_168t4k6_02_1a1a1a1a1a1a_0016_1aq1ar	115
AA-stacking	POSCAR_168t4k6_02_1a1a1a1a1a1a_0019_1ar1as	115
AA-stacking	POSCAR_168t4k6_02_1a1a1a1a1a1a_0021_1as1at	115
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AA-stacking	POSCAR_174t4k6_05_2g2g2g_0003_2gq	115
AA-stacking	POSCAR_175t2k6_02_2e2e2e_0002_2ep	115
AA-stacking	POSCAR_175t2k6_02_2e2e2e_0003_2eq	115
AA-stacking	POSCAR_177t2k6_01_2e2e2e_0001_2eo	115
AA-stacking	POSCAR_177t2k6_01_2e2e2e_0003_2eq	115
AA-stacking	POSCAR_183t2k6_02_1a1a1a1a1a1a_0007_1ao1ap	115

AA-stacking	POSCAR_183t2k6_02_1a1a1a1a1a1a_0011_1ao1at	115
AA-stacking	POSCAR_183t2k6_02_1a1a1a1a1a1a_0012_1ap1aq	115
AA-stacking	POSCAR_183t2k6_02_1a1a1a1a1a1a_0016_1aq1ar	115
AA-stacking	POSCAR_183t2k6_02_1a1a1a1a1a1a_0019_1ar1as	115
AA-stacking	POSCAR_183t2k6_02_1a1a1a1a1a1a_0021_1as1at	115
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AA-stacking	POSCAR_187t2k6_01_2g2g2g_0003_2gq	115
AA-stacking	POSCAR_189t2k6_04_2e2e2e_0002_2ep	115
AA-stacking	POSCAR_189t2k6_04_2e2e2e_0003_2eq	115
AA-stacking	POSCAR_191t1k6_04_2e2e2e_0001_2eo	115
AA-stacking	POSCAR_191t1k6_04_2e2e2e_0003_2eq	115
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0012_1ao1ar	116
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0015_1ao1au	116
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0020_1ap1as	116
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0023_1ap1av	116
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0027_1aq1at	116
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0030_1aq1aw	116
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0033_1ar1au	116
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0038_1as1av	116
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0042_1at1aw	116
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AA-stacking	POSCAR_175t2k9_01_2e2e1a2e2e_0004_2er	116
AA-stacking	POSCAR_177t2k9_03_2e2e2e1a2e_0002_2eo	116
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0012_1ao1ar	116
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0015_1ao1au	116
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0020_1ap1as	116
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0023_1ap1av	116
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0027_1aq1at	116
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0030_1aq1aw	116
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0033_1ar1au	116
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AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0042_1at1aw	116
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AA-stacking	POSCAR_174t4k9_05_3j3j3j_0001_3jo	117
AA-stacking	POSCAR_174t4k9_05_3j3j3j_0002_3jp	117
AA-stacking	POSCAR_174t4k9_05_3j3j3j_0003_3jq	117
AA-stacking	POSCAR_187t2k9_04_3j3j3j_0001_3jo	117
AA-stacking	POSCAR_187t2k9_04_3j3j3j_0002_3jp	117
AA-stacking	POSCAR_187t2k9_04_3j3j3j_0003_3jq	117
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a1a_0102_1ao1ap1aq1as1at	118
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a1a_0105_1ao1ap1ar1as1at	118

AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a1a_0106_1ao1ap1ar1as1au	118
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a1a_0110_1ao1aq1ar1as1au	118
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a1a_0111_1ao1aq1ar1at1au	118
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a1a_0116_1ap1aq1ar1at1au	118
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AA-stacking	POSCAR_175t2k7_01_2e1a2e2e_0012_2eo1ap2er	118
AA-stacking	POSCAR_177t2k7_01_2e2e2e1a_0013_2ep2eq1ar	118
AA-stacking	POSCAR_183t2k7_01_1a1a1a1a1a1a1a_0102_1ao1ap1aq1as1at	118
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AA-stacking	POSCAR_191t1k8_01_2e2e2e2e_0006_2eo2eq	119
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AA-stacking	POSCAR_174t4k8_02_2g2g2g2g_0004_2gr	121
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AA-stacking	POSCAR_187t2k8_04_2g2g2g2g_0004_2gr	121
AA-stacking	POSCAR_189t2k8_02_2e2e2e2e_0002_2ep	121
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AA-stacking	POSCAR_191t1k8_01_2e2e2e2e_0004_2er	121
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AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0188_1ao1aq1ar1au1av	122
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0194_1ao1ar1as1at1av	122
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0195_1ao1ar1as1au1av	122
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0201_1ap1aq1ar1at1au	122
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0203_1ap1aq1ar1au1av	122
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0204_1ap1aq1as1at1au	122
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0207_1ap1aq1at1au1av	122
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0215_1aq1ar1as1au1av	122
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0216_1aq1ar1at1au1av	122
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0167_1ao1ap1aq1as1at	122
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0170_1ao1ap1aq1at1au	122
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0173_1ao1ap1ar1as1at	122

AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a1a_0175_1ao1ap1ar1as1av	122
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AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a1a_0180_1ao1ap1as1at1av	122
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a1a_0185_1ao1aq1ar1as1av	122
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a1a_0188_1ao1aq1ar1au1av	122
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a1a_0194_1ao1ar1as1at1av	122
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AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a1a_0203_1ap1aq1ar1au1av	122
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AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a1a_0207_1ap1aq1at1au1av	122
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a1a_0215_1aq1ar1as1au1av	122
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AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0384_1ao1ap1aq1ar1a	123
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AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0415_1ao1ap1as1au1	123
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0417_1ao1aq1ar1as1a	123
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0431_1ao1aq1at1au1a	123
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0432_1ao1ar1as1at1a	123
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0436_1ao1ar1at1au1a	123
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0439_1ap1aq1ar1as1a	123
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AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0400_1ao1ap1aq1at1a	123
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AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0436_1ao1ar1at1au1a	123

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AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a1a_0118_1ap1ar1as1at1au	124
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AA-stacking	POSCAR_175t2k7_01_2e1a2e2e_0013_1ap2eq2er	124
AA-stacking	POSCAR_177t2k7_01_2e2e2e1a_0011_2eo2ep1ar	124
AA-stacking	POSCAR_183t2k7_01_1a1a1a1a1a1a1a_0100_1ao1ap1aq1ar1at	124
AA-stacking	POSCAR_183t2k7_01_1a1a1a1a1a1a1a_0103_1ao1ap1aq1as1au	124
AA-stacking	POSCAR_183t2k7_01_1a1a1a1a1a1a1a_0107_1ao1ap1ar1at1au	124
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AA-stacking	POSCAR_189t2k7_01_2e1a2e2e_0013_1ap2eq2er	124
AA-stacking	POSCAR_191t1k7_01_1a2e2e2e_0013_1ao2eq2er	124
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AA-stacking	POSCAR_168t4k8_01_3c1a3c1a_0002_1ar	125
AA-stacking	POSCAR_174t4k8_01_3j1a3k1b_0001_1ap	125
AA-stacking	POSCAR_174t4k8_01_3j1a3k1b_0002_1br	125
AA-stacking	POSCAR_175t2k8_02_3f1a3g1b_0001_1ap	125
AA-stacking	POSCAR_175t2k8_02_3f1a3g1b_0002_1br	125
AA-stacking	POSCAR_177t2k8_03_3f1a3g1b_0001_1ap	125
AA-stacking	POSCAR_177t2k8_03_3f1a3g1b_0002_1br	125
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AA-stacking	POSCAR_183t2k8_01_3c1a3c1a_0002_1ar	125
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AA-stacking	POSCAR_187t2k8_01_1a3j1b3k_0002_1bq	125
AA-stacking	POSCAR_189t2k8_04_3f3g1a1b_0001_1aq	125
AA-stacking	POSCAR_189t2k8_04_3f3g1a1b_0002_1br	125
AA-stacking	POSCAR_191t1k8_04_3f1a3g1b_0001_1ap	125
AA-stacking	POSCAR_191t1k8_04_3f1a3g1b_0002_1br	125
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AA-stacking	POSCAR_174t4k7_01_3j3j1a_0003_3jp	126
AA-stacking	POSCAR_168t4k9_02_2b1a2b2b1a1a_0007_1ap1as	127
AA-stacking	POSCAR_168t4k9_02_2b1a2b2b1a1a_0008_1ap1at	127
AA-stacking	POSCAR_168t4k9_02_2b1a2b2b1a1a_0009_1as1at	127
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AA-stacking	POSCAR_174t4k9_03_2g2i2h1a1e1c_0005_2ip	127
AA-stacking	POSCAR_174t4k9_03_2g2i2h1a1e1c_0006_2hq	127
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AA-stacking	POSCAR_177t2k9_01_1a2c2e4h_0003_2eq	127
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AA-stacking	POSCAR_187t2k9_02_1c1a1e2h2g2i_0005_2gs	127
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AA-stacking	POSCAR_191t1k9_03_4h2e2c1a_0002_2ep	127
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AA-stacking	POSCAR_168t4k6_02_1a1a1a1a1a1a_0046_1ao1ap1ar1at	128
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AA-stacking	POSCAR_174t4k6_02_2g2g1a1b_0012_2gp1aq1br	128
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AA-stacking	POSCAR_183t2k7_01_1a1a1a1a1a1a_0104_1ao1ap1aq1at1au	129
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AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0061_1ap1aq1au	130
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0067_1ap1as1at	130

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AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0075_1aq1ar1au	130
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0076_1aq1ar1av	130
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0080_1aq1at1au	130
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0082_1aq1au1av	130
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0085_1ar1as1av	130
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0088_1ar1au1av	130
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0220_1ao1ap1aq1ar1as1	131
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0223_1ao1ap1aq1ar1at1	131
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0227_1ao1ap1aq1as1au	131
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0232_1ao1ap1ar1at1au1	131
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0234_1ao1aq1ar1as1at1	131
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0238_1ao1aq1as1at1au1	131
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0241_1ap1aq1ar1as1at1	131
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0245_1ap1ar1as1at1au1	131
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AA-stacking	POSCAR_174t4k8_04_1b2g2g2g1a_0028_1bo2gq2gr1as	131
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AA-stacking	POSCAR_175t2k8_01_1a2e2e2e1b_0028_1ao2eq2er1bs	131
AA-stacking	POSCAR_177t2k8_04_1a2e2e2e1b_0026_1ao2ep2eq1bs	131
AA-stacking	POSCAR_177t2k8_04_1a2e2e2e1b_0028_1ao2eq2er1bs	131
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AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0241_1ap1aq1ar1as1at1	131
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0245_1ap1ar1as1at1au1	131
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AA-stacking	POSCAR_187t2k8_02_2g1a2g2g1b_0028_1ap2gq2gr1bs	131
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AA-stacking	POSCAR_189t2k8_03_1a2e2e2e1b_0028_1ao2eq2er1bs	131
AA-stacking	POSCAR_191t1k8_03_2e2e2e1a1b_0026_2eo2ep1ar1bs	131
AA-stacking	POSCAR_191t1k8_03_2e2e2e1a1b_0028_2ep2eq1ar1bs	131
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AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a_0404_1ao1ap1ar1as1a	132
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a_0413_1ao1ap1as1at1a	132
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a_0422_1ao1aq1ar1as1a	132
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a_0434_1ao1ar1as1at1av	132
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a_0444_1ap1aq1ar1at1a	132
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a_0447_1ap1aq1ar1au1a	132

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AA-stacking	POSCAR_177t2k9_03_2e2e2e1a2e_0022_2eo2ep2eq	132
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AA-stacking	POSCAR_191t1k9_01_2e2e1a2e2e_0022_2eo2ep2er	132
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AA-stacking	POSCAR_173t4k4_01_2a2a_0002_2ap	135
AA-stacking	POSCAR_173t4k8_01_2a2a2a2a_0006_2ao2aq	135
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AA-stacking	POSCAR_180t2k6_02_3b3a_0002_3ap	135
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AA-stacking	POSCAR_181t2k6_01_3a3b_0002_3bp	135
AA-stacking	POSCAR_182t2k4_02_2a2b_0001_2ao	135
AA-stacking	POSCAR_182t2k4_02_2a2b_0002_2bp	135
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AA-stacking	POSCAR_183t2k2_01_1a1a_0002_1ap	135
AA-stacking	POSCAR_183t2k4_01_1a1a1a1a_0006_1ao1aq	135
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AA-stacking	POSCAR_185t2k4_01_2a2a_0002_2ap	135
AA-stacking	POSCAR_185t2k8_02_2a2a2a2a_0006_2ao2aq	135
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AA-stacking	POSCAR_186t2k4_01_2a2a_0002_2ap	135
AA-stacking	POSCAR_186t2k8_02_2a2a2a2a_0006_2ao2aq	135
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AA-stacking	POSCAR_187t2k2_02_1b1a_0002_1ap	135
AA-stacking	POSCAR_187t2k4_02_2g1a1b_0003_2go	135
AA-stacking	POSCAR_187t2k4_02_2g1a1b_0004_1ap1bq	135
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AA-stacking	POSCAR_187t2k6_04_1f1d1b1e1c1a_0022_1fo1dp1bq	135
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AA-stacking	POSCAR_187t2k8_01_1a3j1b3k_0009_1bq3kr	135
AA-stacking	POSCAR_187t2k8_02_2g1a2g2g1b_0014_2go2gr	135
AA-stacking	POSCAR_187t2k8_02_2g1a2g2g1b_0017_1ap2gq1bs	135
AA-stacking	POSCAR_188t2k4_01_2b2a_0001_2bo	135
AA-stacking	POSCAR_188t2k4_01_2b2a_0002_2ap	135
AA-stacking	POSCAR_188t2k8_04_4g2a2b_0003_4go	135
AA-stacking	POSCAR_188t2k8_04_4g2a2b_0004_2ap2bq	135
AA-stacking	POSCAR_189t2k2_02_1a1b_0001_1ao	135
AA-stacking	POSCAR_189t2k2_02_1a1b_0002_1bp	135

AA-stacking	POSCAR_189t2k4_02_2e1a1b_0003_2eo	135
AA-stacking	POSCAR_189t2k4_02_2e1a1b_0004_1ap1bq	135
AA-stacking	POSCAR_189t2k6_03_2c1a2d1b_0006_2co1ap	135
AA-stacking	POSCAR_189t2k6_03_2c1a2d1b_0009_2dq1br	135
AA-stacking	POSCAR_189t2k6_05_2e1a2e1b_0007_2eo1br	135
AA-stacking	POSCAR_189t2k6_05_2e1a2e1b_0008_1ap2eq	135
AA-stacking	POSCAR_189t2k6_06_3f3g_0001_3fo	135
AA-stacking	POSCAR_189t2k6_06_3f3g_0002_3gp	135
AA-stacking	POSCAR_189t2k8_03_1a2e2e2e1b_0014_2ep2er	135
AA-stacking	POSCAR_189t2k8_03_1a2e2e2e1b_0017_1ao2eq1bs	135
AA-stacking	POSCAR_189t2k8_04_3f3g1a1b_0006_3fo1aq	135
AA-stacking	POSCAR_189t2k8_04_3f3g1a1b_0009_3gp1br	135
AA-stacking	POSCAR_190t2k4_01_2b2a_0001_2bo	135
AA-stacking	POSCAR_190t2k4_01_2b2a_0002_2ap	135
AA-stacking	POSCAR_190t2k8_02_4e2a2b_0003_4eo	135
AA-stacking	POSCAR_190t2k8_02_4e2a2b_0004_2ap2bq	135
AA-stacking	POSCAR_191t1k2_01_1a1b_0001_1ao	135
AA-stacking	POSCAR_191t1k2_01_1a1b_0002_1bp	135
AA-stacking	POSCAR_191t1k4_03_1a2e1b_0003_2ep	135
AA-stacking	POSCAR_191t1k4_03_1a2e1b_0004_1ao1bq	135
AA-stacking	POSCAR_191t1k6_01_2c1a2d1b_0006_2co1ap	135
AA-stacking	POSCAR_191t1k6_01_2c1a2d1b_0009_2dq1br	135
AA-stacking	POSCAR_191t1k6_03_2e2e1a1b_0006_2eo1aq	135
AA-stacking	POSCAR_191t1k6_03_2e2e1a1b_0009_2ep1br	135
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AA-stacking	POSCAR_191t1k8_03_2e2e2e1a1b_0017_2ep1ar1bs	135
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AA-stacking	POSCAR_191t1k8_04_3f1a3g1b_0009_3gp1br	135
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AA-stacking	POSCAR_192t1k4_01_2b2a_0002_2ap	135
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AA-stacking	POSCAR_193t1k4_02_2b2a_0002_2ap	135
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AA-stacking	POSCAR_194t1k4_02_2a2b_0001_2ao	135
AA-stacking	POSCAR_194t1k4_02_2a2b_0002_2bp	135
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AA-stacking	POSCAR_191t1k9_01_2e2e1a2e2e_0026_2eo2ep1aq2er	142
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0276_1ao1ap1ar1at1av	143
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0296_1ao1aq1ar1at1av	143
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0302_1ao1aq1as1at1a	143
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0304_1ao1aq1as1au1	143
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0305_1ao1aq1as1au1	143
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0340_1ap1aq1as1au1	143
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0350_1ap1ar1as1au1a	143
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0353_1ap1ar1at1au1a	143
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0354_1ap1ar1at1av1a	143
AA-stacking	POSCAR_174t4k9_04_1a2g2g2g2g_0020_1ao2gq2gs	143
AA-stacking	POSCAR_175t2k9_01_2e2e1a2e2e_0018_2eo1aq2es	143
AA-stacking	POSCAR_177t2k9_03_2e2e2e1a2e_0020_2ep1ar2es	143
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0276_1ao1ap1ar1at1av	143
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0296_1ao1aq1ar1at1av	143
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0302_1ao1aq1as1at1a	143
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0304_1ao1aq1as1au1	143
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0305_1ao1aq1as1au1	143
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0340_1ap1aq1as1au1	143
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0350_1ap1ar1as1au1a	143
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0353_1ap1ar1at1au1a	143
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0354_1ap1ar1at1av1a	143
AA-stacking	POSCAR_187t2k9_03_2g2g1a2g2g_0018_2go1aq2gs	143
AA-stacking	POSCAR_189t2k9_04_2e2e2e2e1a_0017_2eo2eq1as	143

AA-stacking	POSCAR_191t1k9_01_2e2e1a2e2e_0018_2eo1aq2es	143
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0010_1ao1aq	144
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0014_1ao1au	144
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0017_1ap1ar	144
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0021_1ap1av	144
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0023_1aq1as	144
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0028_1ar1at	144
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0032_1as1au	144
AA-stacking	POSCAR_168t4k8_02_1a1a1a1a1a1a1a_0035_1at1av	144
AA-stacking	POSCAR_174t4k8_04_1b2g2g2g1a_0003_2gp	144
AA-stacking	POSCAR_174t4k8_04_1b2g2g2g1a_0005_2gr	144
AA-stacking	POSCAR_175t2k8_01_1a2e2e2e1b_0003_2ep	144
AA-stacking	POSCAR_175t2k8_01_1a2e2e2e1b_0005_2er	144
AA-stacking	POSCAR_177t2k8_04_1a2e2e2e1b_0003_2ep	144
AA-stacking	POSCAR_177t2k8_04_1a2e2e2e1b_0005_2er	144
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0010_1ao1aq	144
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0014_1ao1au	144
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0017_1ap1ar	144
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0021_1ap1av	144
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0023_1aq1as	144
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0028_1ar1at	144
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0032_1as1au	144
AA-stacking	POSCAR_183t2k8_02_1a1a1a1a1a1a1a_0035_1at1av	144
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AA-stacking	POSCAR_187t2k8_02_2g1a2g2g1b_0005_2gr	144
AA-stacking	POSCAR_189t2k8_03_1a2e2e2e1b_0003_2ep	144
AA-stacking	POSCAR_189t2k8_03_1a2e2e2e1b_0005_2er	144
AA-stacking	POSCAR_191t1k8_03_2e2e2e1a1b_0003_2eo	144
AA-stacking	POSCAR_191t1k8_03_2e2e2e1a1b_0005_2eq	144
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a1a_0031_1ao1ap1as	145
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a1a_0038_1ao1ar1as	145
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a1a_0040_1ao1ar1au	145
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a1a_0046_1ap1aq1at	145
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a1a_0051_1ap1as1at	145
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a1a_0056_1aq1ar1au	145
AA-stacking	POSCAR_168t4k7_02_1a1a1a1a1a1a1a_0059_1aq1at1au	145
AA-stacking	POSCAR_174t4k7_02_2g2g1a2g_0007_1aq2gr	145
AA-stacking	POSCAR_175t2k7_01_2e1a2e2e_0007_1ap2er	145
AA-stacking	POSCAR_177t2k7_01_2e2e2e1a_0006_2ep1ar	145
AA-stacking	POSCAR_183t2k7_01_1a1a1a1a1a1a1a_0031_1ao1ap1as	145
AA-stacking	POSCAR_183t2k7_01_1a1a1a1a1a1a1a_0038_1ao1ar1as	145
AA-stacking	POSCAR_183t2k7_01_1a1a1a1a1a1a1a_0040_1ao1ar1au	145
AA-stacking	POSCAR_183t2k7_01_1a1a1a1a1a1a1a_0046_1ap1aq1at	145

AA-stacking	POSCAR_183t2k7_01_1a1a1a1a1a1a_0051_1ap1as1at	145
AA-stacking	POSCAR_183t2k7_01_1a1a1a1a1a1a_0056_1aq1ar1au	145
AA-stacking	POSCAR_183t2k7_01_1a1a1a1a1a1a_0059_1aq1at1au	145
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AA-stacking	POSCAR_189t2k7_01_2e1a2e2e_0007_1ap2er	145
AA-stacking	POSCAR_191t1k7_01_1a2e2e2e_0007_1ao2er	145
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AA-stacking	POSCAR_174t4k9_02_1e3j3j1c1a_0025_1eo3jp3jq	146
AA-stacking	POSCAR_174t4k9_02_1e3j3j1c1a_0026_3jp3jq1cr	146
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AA-stacking	POSCAR_183t2k9_03_2b6d1a_0005_6dp1aq	146
AA-stacking	POSCAR_187t2k9_01_6l1e1a1c_0009_6lo1ep	146
AA-stacking	POSCAR_187t2k9_01_6l1e1a1c_0010_6lo1aq	146
AA-stacking	POSCAR_187t2k9_01_6l1e1a1c_0011_6lo1cr	146
AA-stacking	POSCAR_189t2k9_01_1a3f3f2c_0013_1ao3fp3fq	146
AA-stacking	POSCAR_191t1k9_02_6j2c1a_0005_6jo1aq	146
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a_0137_1ao1ap1ar1at	147
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a_0146_1ao1ap1at1av	147
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a_0154_1ao1aq1ar1av	147
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a_0156_1ao1aq1as1at	147
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AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a_0177_1ao1as1at1av	147
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AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a_0199_1ap1aq1au1aw	147
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a_0204_1ap1ar1as1aw	147
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AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a_0218_1ap1at1au1aw	147
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a_0226_1aq1ar1at1av	147
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AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a_0249_1ar1at1av1aw	147
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AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a_0146_1ao1ap1at1av	147
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AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a_0163_1ao1aq1au1av	147
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a_0177_1ao1as1at1av	147

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AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0199_1ap1aq1au1aw	147
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0204_1ap1ar1as1aw	147
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0205_1ap1ar1at1au	147
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0210_1ap1ar1av1aw	147
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0218_1ap1at1au1aw	147
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AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0245_1ar1as1au1aw	147
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0249_1ar1at1av1aw	147
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AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0134_1ao1ap1aq1av	148
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0140_1ao1ap1ar1aw	148
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0149_1ao1ap1au1aw	148
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0151_1ao1aq1ar1as	148
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0165_1ao1aq1av1aw	148
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0182_1ao1at1au1av	148
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0184_1ao1at1av1aw	148
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0187_1ap1aq1ar1at	148
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0190_1ap1aq1ar1aw	148
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0201_1ap1ar1as1at	148
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0220_1ap1au1av1aw	148
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0222_1aq1ar1as1au	148
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0231_1aq1as1at1au	148
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0242_1ar1as1at1av	148
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0247_1ar1at1au1av	148
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0252_1as1at1au1aw	148
AA-stacking	POSCAR_168t4k9_03_1a1a1a1a1a1a1a1a_0254_1as1au1av1aw	148
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0131_1ao1ap1aq1as	148
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0134_1ao1ap1aq1av	148
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0140_1ao1ap1ar1aw	148
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0149_1ao1ap1au1aw	148
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0151_1ao1aq1ar1as	148
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0165_1ao1aq1av1aw	148
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0182_1ao1at1au1av	148
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0184_1ao1at1av1aw	148
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0187_1ap1aq1ar1at	148
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0190_1ap1aq1ar1aw	148
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0201_1ap1ar1as1at	148
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0220_1ap1au1av1aw	148
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0222_1aq1ar1as1au	148
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0231_1aq1as1at1au	148

AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0242_1ar1as1at1av	148
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0247_1ar1at1au1av	148
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0252_1as1at1au1aw	148
AA-stacking	POSCAR_183t2k9_01_1a1a1a1a1a1a1a1a_0254_1as1au1av1aw	148
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0214_9bo3ap3aq9bs3au	0
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0216_9bo3ap3ar9bs3at	0
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0221_9bo3ap9bs3au3av	0
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0224_9bo3aq3ar9bs3av	0
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0226_9bo3aq9bs3at3av	0
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0228_9bo3ar9bs3at3au	0
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0022_3dr1cs	1
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0023_3dr1bu	1
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0024_3dr1av	1
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0170_3do3dp3dq1bu1av	2
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0180_3do3dq1cs3dt1bu	2
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0190_3dp3dq1cs3dt1av	2
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0149_3do3dq3dr1av	3
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0156_3dp3dq3dr1cs	3
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0166_3dq3dr3dt1bu	3
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0001_9bo	4
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0002_9bp	4
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0003_9bq	4
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0004_9br	4
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0005_9bs	4
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0006_9bt	4
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0031_2do2ds2dt	5
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0032_2dp2dq2dr	5
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0043_2do2dp2dq2ds	6
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0051_2do2dr2ds2dt	6
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0159_9bo3ap3aq3at3av	7
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0163_9bo3ap3ar3au3av	7
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0165_9bo3aq3ar3at3au	7
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0173_3ap3aq9bs3at3au	7
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0177_3ap3ar9bs3at3av	7
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0182_3aq3ar9bs3au3av	7
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0015_3do1av	8
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0016_3dp1cs	8
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0026_3dt1bu	8
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0057_1bo1cp1bq1br1cs	9
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0058_1bo1cp1bq1br1ct	9
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0059_1bo1cp1bq1cs1ct	9
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0060_1bo1cp1br1cs1ct	9

AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0061_1bo1bq1br1cs1ct	9
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0062_1cp1bq1br1cs1ct	9
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0057_3do3dp3dq3dr3ds	9
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0058_3do3dp3dq3dr3dt	9
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0059_3do3dp3dq3ds3dt	9
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0060_3do3dp3dr3ds3dt	9
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0061_3do3dq3dr3ds3dt	9
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0062_3dp3dq3dr3ds3dt	9
AB-stacking	POSCAR_146t2k3_03_3a3a3a9b_0012_3ao3ap9br	10
AB-stacking	POSCAR_146t2k3_03_3a3a3a9b_0013_3ao3aq9br	10
AB-stacking	POSCAR_146t2k3_03_3a3a3a9b_0014_3ap3aq9br	10
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0007_3do3dp	11
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0008_3do3dq	11
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0012_3dp3dq	11
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0019_3dr3ds	11
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0020_3dr3dt	11
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0021_3ds3dt	11
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0043_3do3dp	11
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0046_3do3dt	11
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0049_3dp3dt	11
AB-stacking	POSCAR_150t1k4_01_2d2d2d2d_0005_2do2dp	12
AB-stacking	POSCAR_150t1k4_01_2d2d2d2d_0010_2dq2dr	12
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0022_2do2dp2dq	13
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0041_2dr2ds2dt	13
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0144_9bo9bp3as9bt	14
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0145_9bo9bp9bt3au	14
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0146_9bo9bp9bt3av	14
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0200_9bo3ap3aq3ar3at3	15
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0201_9bo3ap3aq3ar3at3	15
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0202_9bo3ap3aq3ar3au3	15
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0209_3ap3aq9bs3at3au3	15
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0210_3ap3ar9bs3at3au3	15
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0211_3aq3ar9bs3at3au3	15
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0056_1ao1cp1bq1as	16
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0057_1ao1cp1bq1ct	16
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0058_1ao1cp1bq1bu	16
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0065_1ao1as1ct1bu	16
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0069_1cp1as1ct1bu	16
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0070_1bq1as1ct1bu	16
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0001_1ao	17
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0002_1cp	17
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0003_1bq	17
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0004_1as	17

AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0005_1ct	17
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0006_1bu	17
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0014_9bo3au	18
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0018_9bp3av	18
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0025_3as9bt	18
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0147_3do3dq3dr1cs	19
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0157_3dp3dq3dr1bu	19
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0167_3dq3dr3dt1av	19
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0060_3do3dr	20
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0065_3ds3dv	20
AB-stacking	POSCAR_150t1k8_03_2d6g2d6g_0004_6gp	20
AB-stacking	POSCAR_150t1k8_03_2d6g2d6g_0005_6gr	20
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0047_9bo3at	21
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0048_9bo3au	21
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0049_9bo3av	21
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0050_3ap9bs	21
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0051_3aq9bs	21
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0052_3ar9bs	21
AB-stacking	POSCAR_143t2k7_02_1b3d3d3d3d1c_0004_3dp	22
AB-stacking	POSCAR_143t2k7_02_1b3d3d3d3d1c_0007_3ds	22
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0228_9bo9bp9bq9br3as3	23
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0238_9bo9bq9br3as9bt3	23
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0242_9bp9bq9br9bt3au3	23
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0093_9bo9bq3au3av	24
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0101_9bp9bq3as3av	24
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0112_9bq3as9bt3au	24
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0059_9bo9bp3au	25
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0067_9bo3as9bt	25
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0078_9bp9bt3av	25
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0044_9bo9bq	26
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0047_9bp9bq	26
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0051_9bq9bt	26
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0173_3do3dp3dr1bu1av	27
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0183_3do3dr1cs3dt1bu	27
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0193_3dp3dr1cs3dt1av	27
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0198_9bo9bp9bq9br	28
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0201_9bo9bq9br9bt	28
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0202_9bp9bq9br9bt	28
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0125_3do3dr1ct1bu	29
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0130_1cp1bq3ds3dv	29
AB-stacking	POSCAR_150t1k8_03_2d6g2d6g_0007_2do6gr	29
AB-stacking	POSCAR_150t1k8_03_2d6g2d6g_0008_6gp2dq	29
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0022_1bo1cp1bq	30

AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0025_1bo1cp1ct	30
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0030_1bo1br1ct	30
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0033_1cp1bq1cs	30
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0038_1bq1br1cs	30
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0041_1br1cs1ct	30
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0022_3do3dp3dq	30
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AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0038_3dq3dr3ds	30
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0041_3dr3ds3dt	30
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0174_3do3dp1cs3dt1bu	31
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0175_3do3dp1cs3dt1av	31
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0176_3do3dp3dt1bu1av	31
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0087_3do1bq3dv	32
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0092_3do1ct3dv	32
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0094_1cp3dr3ds	32
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0101_3dr3ds1bu	32
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0011_3do	33
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0012_3dr	33
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0013_3ds	33
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0014_3dv	33
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0013_9bo3as	34
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0017_9bp3au	34
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0027_9bt3av	34
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0139_9bo9bp9bq3au	35
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0150_9bo9bq3as9bt	35
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0161_9bp9bq9bt3av	35
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0009_2do2dr	36
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0014_2dp2ds	36
AB-stacking	POSCAR_143t2k2_01_1b1c1b1c_0007_1bo1cr	37
AB-stacking	POSCAR_143t2k2_01_1b1c1b1c_0008_1cp1bq	37
AB-stacking	POSCAR_143t2k6_02_3d3d3d3d_0007_3do3dr	37
AB-stacking	POSCAR_143t2k6_02_3d3d3d3d_0008_3dp3dq	37
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0109_1ao1cp1bq3dv	37
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0146_3dr1as1ct1bu	37
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0118_3do1cp1bu3dv	37
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0137_1bq3dr3ds1ct	37
AB-stacking	POSCAR_144t2k6_01_3a3a3a3a_0007_3ao3ar	37
AB-stacking	POSCAR_144t2k6_01_3a3a3a3a_0008_3ap3aq	37
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0127_9bo3at3au3av	37
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0128_3ap3aq3ar9bs	37
AB-stacking	POSCAR_146t2k6_03_9b9b9b9b_0007_9bo9br	37

AB-stacking	POSCAR_146t2k6_03_9b9b9b9b_0008_9bp9bq	37
AB-stacking	POSCAR_149t1k6_01_6l6l_0001_6lo	37
AB-stacking	POSCAR_149t1k6_01_6l6l_0002_6lp	37
AB-stacking	POSCAR_150t1k2_01_2d2d_0001_2do	37
AB-stacking	POSCAR_150t1k2_01_2d2d_0002_2dp	37
AB-stacking	POSCAR_150t1k4_01_2d2d2d2d_0006_2do2dq	37
AB-stacking	POSCAR_150t1k4_01_2d2d2d2d_0009_2dp2dr	37
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0030_2do2dr2dt	37
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0033_2dp2dq2ds	37
AB-stacking	POSCAR_152t1k6_01_6c6c_0001_6co	37
AB-stacking	POSCAR_152t1k6_01_6c6c_0002_6cp	37
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0037_3do1cp1ct	38
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0047_1cp3ds1ct	38
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0052_1bq3dr1bu	38
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0056_1bq1bu3dv	38
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0026_2do2dq2dr	39
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0029_2do2dr2ds	39
AB-stacking	POSCAR_143t2k7_02_1b3d3d3d3d1c_0020_3dp3dq	40
AB-stacking	POSCAR_143t2k7_02_1b3d3d3d3d1c_0025_3dr3ds	40
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0028_2do2dq2dt	41
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0040_2dq2ds2dt	41
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0204_9bo9bp9br3as3au3	42
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0208_9bo9br3as9bt3au3	42
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0211_9bp9br3as9bt3au3	42
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0237_3do1cp3dr3ds3dv	43
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0238_3do1bq3dr3ds3dv	43
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0239_3do3dr3ds1ct3dv	43
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0240_3do3dr3ds1bu3dv	43
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0153_3do1cp1bq3ds1bu	44
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0160_3do1bq3ds1ct1bu	44
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0164_1cp1bq3dr1ct3dv	44
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0169_1cp3dr1ct1bu3dv	44
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0026_1ao1cp1ct	45
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0028_1ao1bq1as	45
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0032_1ao1as1bu	45
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0036_1cp1bq1bu	45
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0037_1cp1as1ct	45
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0042_1bq1ct1bu	45
AB-stacking	POSCAR_143t2k4_01_3d1c3d1b_0003_1cp1br	46
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0035_1cp1bq1ct1bu	46
AB-stacking	POSCAR_150t1k4_02_6g2d_0001_2dp	46
AB-stacking	POSCAR_150t1k8_03_2d6g2d6g_0003_2do2dq	46
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0022_2do2dp2dq	47

AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0041_2dr2ds2dt	47
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0062_9bo9bq3au	48
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0072_9bp9bq3av	48
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0082_9bq3as9bt	48
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0008_2do2dq	49
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0019_2dr2ds	49
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0143_3do3dp3dr1av	50
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0154_3do3dr3dt1bu	50
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0162_3dp3dr1cs3dt	50
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0009_3ao3ar	51
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0010_3ao3as	51
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0011_3ao3at	51
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0013_3ap3ar	51
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0014_3ap3as	51
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0015_3ap3at	51
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0016_3aq3ar	51
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0017_3aq3as	51
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0018_3aq3at	51
AB-stacking	POSCAR_153t1k9_01_6c6c6c_0001_6co	51
AB-stacking	POSCAR_153t1k9_01_6c6c6c_0002_6cp	51
AB-stacking	POSCAR_153t1k9_01_6c6c6c_0003_6cq	51
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0168_3do3dp3dq1cs1bu	52
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0181_3do3dq1cs3dt1av	52
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0191_3dp3dq3dt1bu1av	52
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0030_9bo3au3av	53
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0032_9bp3as3av	53
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0040_3as9bt3au	53
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0148_3do3dq3dr1bu	54
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0158_3dp3dq3dr1av	54
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0165_3dq3dr1cs3dt	54
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0034_2dp2dq2dt	55
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0037_2dp2ds2dt	55
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0019_3dq1cs	56
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0020_3dq1bu	56
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0021_3dq1av	56
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0037_3dr1cs1bu	57
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0038_3dr1cs1av	57
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0039_3dr1bu1av	57
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0033_2dp2dq2ds	58
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0040_2dq2ds2dt	58
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0001_1cs	59
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0002_1bu	59
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0003_1av	59

AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0198_3do3dp3dq3dr	60
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0201_3do3dq3dr3dt	60
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0202_3dp3dq3dr3dt	60
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0170_9bo9bp9bq3au3av	61
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0180_9bo9bq3as9bt3au	61
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0190_9bp9bq3as9bt3av	61
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0025_9bo9bp9bt	62
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0026_9bo9bq9br	62
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0030_9bo9br9bt	62
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0033_9bp9bq9bs	62
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0037_9bp9bs9bt	62
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0038_9bq9br9bs	62
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0057_2do2dp2dq2dr2ds	63
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0061_2do2dq2dr2ds2dt	63
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0114_3do1cp3dr1bu	64
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0119_3do1bq3dr1ct	64
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0136_1cp3ds1bu3dv	64
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0141_1bq3ds1ct3dv	64
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0169_3do3dp3dq1cs1av	65
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0182_3do3dq3dt1bu1av	65
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0189_3dp3dq1cs3dt1bu	65
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0047_3do3dp3ds3dt	66
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0049_3do3dq3dr3dt	66
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0052_3dp3dq3dr3ds	66
AB-stacking	POSCAR_150t1k9_02_6g6g6g_0006_6gp6gq	66
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0146_3do3dr3ds	67
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0147_3do3dr3dv	67
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0148_3do3ds3dv	67
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0149_3dr3ds3dv	67
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0044_1bo1cp1bq1ct	68
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0051_1bo1br1cs1ct	68
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0052_1cp1bq1br1cs	68
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0044_3do3dp3dq3dt	68
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0051_3do3dr3ds3dt	68
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0052_3dp3dq3dr3ds	68
AB-stacking	POSCAR_149t1k9_01_6l6l6l_0006_6lp6lq	68
AB-stacking	POSCAR_150t1k3_01_2d2d2d_0004_2do2dp	68
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0053_2dp2dq2dr2dt	68
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0054_2dp2dq2ds2dt	68
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0129_3do3dq1cs1bu1av	69
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0132_3dp3dq1cs1bu1av	69
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0136_3dq1cs3dt1bu1av	69
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0244_9bo9bp9bq9br3as3	70

AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0247_9bo9bq9br3as9bt3	70
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0248_9bp9bq9br3as9bt3	70
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0129_9bo9bq3as3au3av	71
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0132_9bp9bq3as3au3av	71
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0136_9bq3as9bt3au3av	71
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0022_3do1bu	72
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0025_1cp3dv	72
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0027_1bq3ds	72
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0029_3dr1ct	72
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0092_9bo9bq3as3av	73
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0100_9bp9bq3as3au	73
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0114_9bq9bt3au3av	73
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0012_2dp2dq	74
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0021_2ds2dt	74
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0010_9bo9bs	75
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0013_9bp9br	75
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0018_9bq9bt	75
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0188_1ao3dr1ct3dv	76
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0189_1ao3dr1bu3dv	76
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0191_1cp3dr1as3dv	76
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0193_1cp3dr1bu3dv	76
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0194_1bq3dr1as3dv	76
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0195_1bq3dr1ct3dv	76
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0086_3do1bq3ds	77
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0091_3do3ds1bu	77
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0095_1cp3dr3dv	77
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0102_3dr1ct3dv	77
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0110_9bo3ap3aq3au	78
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0112_9bo3ap3ar3at	78
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0120_9bo3aq3ar3av	78
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0137_3ap9bs3au3av	78
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0142_3aq9bs3at3av	78
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0144_3ar9bs3at3au	78
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0155_9bo3ap3aq3ar3at	79
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0156_9bo3ap3aq3ar3au	79
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0157_9bo3ap3aq3ar3av	79
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0179_3ap9bs3at3au3av	79
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0183_3aq9bs3at3au3av	79
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0184_3ar9bs3at3au3av	79
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0234_9bo3ap3aq3ar9bs3	80
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0235_9bo3ap3aq3ar9bs3	80
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0236_9bo3ap3aq3ar9bs3	80
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0243_9bo3ap9bs3at3au3	80

AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0247_9bo3aq9bs3at3au3	80
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0248_9bo3ar9bs3at3au3	80
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0185_1ao1cp3dr3dv	81
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0186_1ao1bq3dr3dv	81
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0190_1cp1bq3dr3dv	81
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0197_3dr1as1ct3dv	81
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0198_3dr1as1bu3dv	81
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0199_3dr1ct1bu3dv	81
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0143_9bo9bp9br3av	82
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0154_9bo9br9bt3au	82
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0162_9bp9br3as9bt	82
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0053_3do1cs1bu1av	83
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0054_3dp1cs1bu1av	83
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0057_1cs3dt1bu1av	83
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0043_9bo9bp	84
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0046_9bo9bt	84
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0049_9bp9bt	84
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0109_9bo3ap3aq3at	85
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0114_9bo3ap3ar3av	85
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0119_9bo3aq3ar3au	85
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0136_3ap9bs3at3av	85
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0141_3aq9bs3at3au	85
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0146_3ar9bs3au3av	85
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0013_3do1cs	86
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0017_3dp1bu	86
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0027_3dt1av	86
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0010_2do2ds	87
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0016_2dq2dr	87
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0160_9bo3ap3aq3au3av	88
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0161_9bo3ap3ar3at3au	88
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0166_9bo3aq3ar3at3av	88
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0175_3ap3aq9bs3au3av	88
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0176_3ap3ar9bs3at3au	88
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0181_3aq3ar9bs3at3av	88
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0226_3do1cp1bq3ds1bu	89
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0228_3do1cp3dr1ct1bu3	89
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0230_3do1bq3dr3ds1ct1	89
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0233_1cp1bq3dr3ds1ct3	89
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0247_3do1cp3dr3ds1bu3	90
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0248_3do1bq3dr3ds1ct3	90
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0089_3do3dp1cs1av	91
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0099_3do3dt1bu1av	91
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0106_3dp1cs3dt1bu	91

AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0046_2do2dp2dr2dt	92
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0052_2dp2dq2dr2ds	92
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0025_2do2dp2dt	93
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0036_2dp2dr2dt	93
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0042_1bo1cp1bq1br	94
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0047_1bo1cp1cs1ct	94
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0048_1bo1bq1br1cs	94
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0049_1bo1bq1br1ct	94
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0054_1cp1bq1cs1ct	94
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0055_1cp1br1cs1ct	94
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0042_3do3dp3dq3dr	94
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0047_3do3dp3ds3dt	94
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0048_3do3dq3dr3ds	94
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0049_3do3dq3dr3dt	94
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0054_3dp3dq3ds3dt	94
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0055_3dp3dr3ds3dt	94
AB-stacking	POSCAR_150t1k4_03_2d2d2d2d_0007_2do2dr	95
AB-stacking	POSCAR_150t1k4_03_2d2d2d2d_0008_2dp2dq	95
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0043_1bo1cp1bq1cs	96
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0046_1bo1cp1br1ct	96
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0056_1bq1br1cs1ct	96
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0043_3do3dp3dq3ds	96
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0046_3do3dp3dr3dt	96
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0056_3dq3dr3ds3dt	96
AB-stacking	POSCAR_149t1k9_01_6l6l6l_0004_6lo6lp	96
AB-stacking	POSCAR_150t1k3_01_2d2d2d_0006_2dp2dq	96
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0045_2do2dp2dr2ds	96
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0046_2do2dp2dr2dt	96
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0063_3do3dq1av	97
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0070_3dp3dq1cs	97
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0083_3dq3dt1bu	97
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0034_9bq3as3au	98
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0035_9bq3as3av	98
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0036_9bq3au3av	98
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0058_2do2dp2dq2dr2dt	99
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0062_2dp2dq2dr2ds2dt	99
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0206_3do3dq3dr1cs1bu1	100
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0209_3dp3dq3dr1cs1bu1	100
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0212_3dq3dr1cs3dt1bu1	100
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0185_9bo3ap3aq9bs	101
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0186_9bo3ap3ar9bs	101
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0190_9bo3aq3ar9bs	101
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0197_9bo9bs3at3au	101

AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0198_9bo9bs3at3av	101
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0199_9bo9bs3au3av	101
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0162_1ao1cp3dr1as1bu	102
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0166_1ao1cp1ct1bu3dv	102
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0169_1ao1bq3dr1ct1bu	102
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0170_1ao1bq1as1ct3dv	102
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0175_1cp1bq3dr1as1ct	102
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0179_1cp1bq1as1bu3dv	102
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0244_3do3dp3dq3dr1cs1	103
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0247_3do3dq3dr1cs3dt1	103
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0248_3dp3dq3dr1cs3dt1	103
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0011_1bo1ct	104
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0012_1cp1bq	104
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0019_1br1cs	104
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0011_3do3dt	104
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0012_3dp3dq	104
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0019_3dr3ds	104
AB-stacking	POSCAR_149t1k9_01_6l6l6l_0001_6lo	104
AB-stacking	POSCAR_150t1k3_01_2d2d2d_0003_2dq	104
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0010_2do2ds	104
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0009_2do2dr	104
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0196_3do1cp1bq3dr3ds	105
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0197_3do1cp1bq3dr3dv	105
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0213_3do3ds1ct1bu3dv	105
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0219_3dr3ds1ct1bu3dv	105
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0214_3do3dp3dq3dr1bu	106
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0222_3do3dq3dr1cs3dt	106
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0227_3dp3dq3dr3dt1av	106
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0156_3do1cp3dr1ct1bu	107
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0159_3do1bq3dr1ct1bu	107
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0166_1cp1bq3ds1ct3dv	107
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0167_1cp1bq3ds1bu3dv	107
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0063_9bo9bq3av	108
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0070_9bp9bq3as	108
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0083_9bq9bt3au	108
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0109_3dq3dr1cs1bu	109
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0110_3dq3dr1cs1av	109
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0111_3dq3dr1bu1av	109
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0095_3do3dr1cs1av	110
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0103_3dp3dr1cs1bu	110
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0117_3dr3dt1bu1av	110
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0171_3do3dp3dr1cs1bu	111
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0184_3do3dr1cs3dt1av	111

AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0194_3dp3dr3dt1bu1av	111
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0025_1ao1cp1as	112
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0030_1ao1bq1bu	112
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0031_1ao1as1ct	112
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0035_1cp1bq1ct	112
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0039_1cp1ct1bu	112
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0041_1bq1as1bu	112
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0158_9bo3ap3aq3at3au	113
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0162_9bo3ap3ar3at3av	113
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0167_9bo3aq3ar3au3av	113
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0174_3ap3aq9bs3at3av	113
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0178_3ap3ar9bs3au3av	113
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0180_3aq3ar9bs3at3au	113
AB-stacking	POSCAR_150t1k4_01_2d2d2d2d_0012_2do2dp2dr	114
AB-stacking	POSCAR_150t1k4_01_2d2d2d2d_0014_2dp2dq2dr	114
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0230_3do3dp3dq3dr1bu1	115
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0237_3do3dq3dr1cs3dt1	115
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0241_3dp3dq3dr1cs3dt1	115
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0168_9bo9bp9bq3as3au	116
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0181_9bo9bq3as9bt3av	116
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0191_9bp9bq9bt3au3av	116
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0155_1ao1cp1bq3dr1as	117
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0156_1ao1cp1bq3dr1ct	117
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0157_1ao1cp1bq3dr1bu	117
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0174_1ao1as1ct1bu3dv	117
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0182_1cp1as1ct1bu3dv	117
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0184_1bq1as1ct1bu3dv	117
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0083_9bo3at3au	118
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0084_9bo3at3av	118
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0085_9bo3au3av	118
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AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0087_3ap3ar9bs	118
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0091_3aq3ar9bs	118
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0001_3do	119
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0002_3dp	119
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0003_3dq	119
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0004_3dr	119
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0005_3ds	119
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0006_3dt	119
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0007_3do	119
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0008_3dp	119
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0011_3dt	119
AB-stacking	POSCAR_150t1k4_01_2d2d2d2d_0011_2do2dp2dq	120

AB-stacking	POSCAR_150t1k4_01_2d2d2d2d_0013_2do2dq2dr	120
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0213_9bo3ap3aq9bs3at	121
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0218_9bo3ap3ar9bs3av	121
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0220_9bo3ap9bs3at3av	121
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0223_9bo3aq3ar9bs3au	121
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0225_9bo3aq9bs3at3au	121
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0230_9bo3ar9bs3au3av	121
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0215_9bo3ap3aq9bs3av	122
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0217_9bo3ap3ar9bs3au	122
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0219_9bo3ap9bs3at3au	122
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0222_9bo3aq3ar9bs3at	122
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0227_9bo3aq9bs3au3av	122
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0229_9bo3ar9bs3at3av	122
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0203_9bo3ap3aq3at3au3	123
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0204_9bo3ap3ar3at3au3	123
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0205_9bo3aq3ar3at3au3	123
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0206_3ap3aq3ar9bs3at3	123
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AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0208_3ap3aq3ar9bs3au3	123
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AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0186_9bp9bq9br3as3au	124
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0197_9bq9br9bt3au3av	124
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0249_1ao1cp1bq3dr1as1	125
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0250_1ao1cp1bq3dr1as1	125
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0251_1ao1cp1bq3dr1ct1	125
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0252_1ao1cp3dr1as1ct1	125
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0253_1ao1bq3dr1as1ct1	125
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0254_1cp1bq3dr1as1ct1	125
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0002_2dp	126
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0006_2dt	126
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0150_3do1cp1bq3dr1ct	127
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0151_3do1cp1bq3dr1bu	127
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0170_1cp3ds1ct1bu3dv	127
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0173_1bq3ds1ct1bu3dv	127
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0060_1ao1cp1as1bu	128
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0061_1ao1cp1ct1bu	128
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0062_1ao1bq1as1ct	128
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AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0066_1cp1bq1as1ct	128
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0067_1cp1bq1as1bu	128
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0001_3as	129
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0002_3au	129
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0003_3av	129

AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0203_1ao1cp1bq1as1ct3	130
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0204_1ao1cp1bq1as1bu	130
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0205_1ao1cp1bq1ct1bu3	130
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0206_1ao1cp3dr1as1ct1	130
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0208_1ao1bq3dr1as1ct1	130
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0210_1cp1bq3dr1as1ct1	130
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0229_9bo9bp9bq9br3as3	131
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0239_9bo9bq9br9bt3au3	131
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0240_9bp9bq9br3as9bt3	131
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0177_3do3dq3dr1cs1bu	132
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0188_3dp3dq3dr1bu1av	132
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0196_3dq3dr1cs3dt1av	132
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0067_3do1cp1bq1bu	133
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0070_1cp1bq3dr1ct	133
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0078_1cp1ct1bu3dv	133
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0080_1bq3ds1ct1bu	133
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0059_2do2dp2dq2ds2dt	134
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0061_2do2dq2dr2ds2dt	134
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0025_2do2dp2dt	135
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0038_2dq2dr2ds	135
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0204_3do3dp3dr1cs1bu1	136
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0208_3do3dr1cs3dt1bu1	136
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0211_3dp3dr1cs3dt1bu1	136
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0003_2dq	137
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0006_2dt	137
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0028_1bo1bq1ct	138
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0029_1bo1br1cs	138
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0031_1bo1cs1ct	138
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0032_1cp1bq1br	138
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0034_1cp1bq1ct	138
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0035_1cp1br1cs	138
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0028_3do3dq3dt	138
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0029_3do3dr3ds	138
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0031_3do3ds3dt	138
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0032_3dp3dq3dr	138
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0034_3dp3dq3dt	138
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0035_3dp3dr3ds	138
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0128_9bo9bp3as3au3av	139
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0131_9bo3as9bt3au3av	139
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0134_9bp3as9bt3au3av	139
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0091_3do3dq1cs1bu	140
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0102_3dp3dq1bu1av	140
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0113_3dq1cs3dt1av	140

AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0027_2do2dq2ds	141
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0038_2dq2dr2ds	141
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0172_9bo9bp9br3as3av	142
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0185_9bo9br9bt3au3av	142
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0192_9bp9br3as9bt3au	142
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0234_1ao1cp1bq3dr1as3	143
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0235_1ao1cp1bq3dr1ct3	143
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0236_1ao1cp1bq3dr1bu3	143
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0243_1ao3dr1as1ct1bu3	143
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0247_1cp3dr1as1ct1bu3	143
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0248_1bq3dr1as1ct1bu3	143
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0062_3do3dv	144
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0063_3dr3ds	144
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0192_3do1cp1bq1ct1bu3	145
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0193_1cp1bq3dr3ds1ct1	145
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0057_3do3dp3dq3dr3ds	146
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0058_3do3dp3dq3dr3dt	146
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0059_3do3dp3dq3ds3dt	146
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0060_3do3dp3dr3ds3dt	146
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0061_3do3dq3dr3ds3dt	146
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0062_3dp3dq3dr3ds3dt	146
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0024_9bo9bp9bs	147
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0028_9bo9bq9bt	147
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0031_9bo9bs9bt	147
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0032_9bp9bq9br	147
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0035_9bp9br9bs	147
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0039_9bq9br9bt	147
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0177_9bo9bq9br3as3au	148
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0188_9bp9bq9br3au3av	148
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0196_9bq9br3as9bt3av	148
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0005_1cp1bq	149
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0010_1ct1bu	149
AB-stacking	POSCAR_150t1k8_03_2d6g2d6g_0001_2do	149
AB-stacking	POSCAR_150t1k8_03_2d6g2d6g_0002_2dq	149
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0023_2do2dp2dr	150
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0030_2do2dr2dt	150
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0119_9bo9bp9br	151
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0123_9bo9br9bt	151
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0126_9bp9br9bt	151
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0007_9bo9bp	152
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0008_9bo9bq	152
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0012_9bp9bq	152
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0019_9br9bs	152

AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0020_9br9bt	152
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0021_9bs9bt	152
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0174_9bo9bp3as9bt3au	153
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0175_9bo9bp3as9bt3av	153
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0176_9bo9bp9bt3au3av	153
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0020_3do1bq	154
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0023_1cp3dr	154
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0032_3ds1bu	154
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0033_1ct3dv	154
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0007_1ao1cp	155
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0008_1ao1bq	155
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0012_1cp1bq	155
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0019_1as1ct	155
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0020_1as1bu	155
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0021_1ct1bu	155
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0251_3do1cp1bq3dr3ds1	156
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0252_3do1cp1bq3dr3ds1	156
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0253_3do1cp3dr3ds1ct1	156
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0254_3do1bq3dr3ds1ct1	156
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0201_3do1cp3dr1ct3dv	157
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0206_3do1bq3dr3ds1bu	157
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0210_3do1bq3ds1bu3dv	157
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0215_1cp3dr3ds1ct3dv	157
AB-stacking	POSCAR_143t2k7_02_1b3d3d3d3d1c_0005_3dq	158
AB-stacking	POSCAR_143t2k7_02_1b3d3d3d3d1c_0006_3dr	158
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0027_1ao1cp1bu	159
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0029_1ao1bq1ct	159
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0033_1ao1ct1bu	159
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0034_1cp1bq1as	159
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0038_1cp1as1bu	159
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0040_1bq1as1ct	159
AB-stacking	POSCAR_150t1k4_01_2d2d2d2d_0001_2do	160
AB-stacking	POSCAR_150t1k4_01_2d2d2d2d_0003_2dq	160
AB-stacking	POSCAR_143t2k3_03_3d1a1c1b_0012_3do1ap1cq	161
AB-stacking	POSCAR_143t2k3_03_3d1a1c1b_0013_3do1ap1br	161
AB-stacking	POSCAR_143t2k3_03_3d1a1c1b_0014_3do1cq1br	161
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0237_1ao1cp3dr1as1ct3	161
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0241_1ao1bq3dr1as1bu3	161
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0246_1cp1bq3dr1ct1bu3	161
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0243_3do3dp3dq3dr3dt	161
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0245_3do3dp3dq1cs3dt1	161
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0246_3do3dp3dr1cs3dt1	161
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0243_9bo9bp9bq9br9bt	161

AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0245_9bo9bp9bq3as9bt3	161
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0246_9bo9bp9br3as9bt3	161
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0024_3do3dp3ds	162
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0028_3do3dq3dt	162
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0031_3do3ds3dt	162
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0032_3dp3dq3dr	162
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0035_3dp3dr3ds	162
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0039_3dq3dr3dt	162
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0059_3ap3aq3at3au	163
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0060_3ap3aq3at3av	163
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0063_3ap3ar3at3av	163
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0064_3ap3ar3au3av	163
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0066_3aq3ar3at3au	163
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0068_3aq3ar3au3av	163
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0238_1ao1cp3dr1as1bu3	164
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0239_1ao1cp3dr1ct1bu3	164
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0240_1ao1bq3dr1as1ct3	164
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0242_1ao1bq3dr1ct1bu3	164
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0244_1cp1bq3dr1as1ct3	164
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0245_1cp1bq3dr1as1bu3	164
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0012_2dp2dq	165
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0020_2dr2dt	165
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0096_3do3dr1bu1av	166
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0104_3dp3dr1cs1av	166
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0115_3dr1cs3dt1bu	166
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0045_3ao3ap3ar3as	167
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0046_3ao3ap3ar3at	167
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0047_3ao3ap3as3at	167
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0048_3ao3aq3ar3as	167
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0049_3ao3aq3ar3at	167
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0050_3ao3aq3as3at	167
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0052_3ap3aq3ar3as	167
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0053_3ap3aq3ar3at	167
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0054_3ap3aq3as3at	167
AB-stacking	POSCAR_153t1k9_01_6c6c6c_0004_6co6cp	167
AB-stacking	POSCAR_153t1k9_01_6c6c6c_0005_6co6cq	167
AB-stacking	POSCAR_153t1k9_01_6c6c6c_0006_6cp6cq	167
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0003_2dq	168
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0005_2ds	168
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0200_1ao1cp1bq3dr1as1	169
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0201_1ao1cp1bq3dr1as1	169
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0202_1ao1cp1bq3dr1ct1	169
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0207_1ao1cp1as1ct1bu3	169

AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0209_1ao1bq1as1ct1bu3	169
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0211_1cp1bq1as1ct1bu3	169
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0252_3do3dp3dq3dr1cs3	170
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0253_3do3dp3dq3dr1cs3	170
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0254_3do3dp3dq3dr3dt1	170
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0062_3do3dq1bu	171
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0072_3dp3dq1av	171
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0082_3dq1cs3dt	171
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0009_9bo9br	172
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0015_9bp9bt	172
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0017_9bq9bs	172
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0152_3do1cp1bq3ds1ct	173
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0157_3do1cp3ds1ct1bu	173
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0165_1cp1bq3dr1bu3dv	173
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0172_1bq3dr1ct1bu3dv	173
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0058_2do2dp2dq2dr2dt	174
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0060_2do2dp2dr2ds2dt	174
AB-stacking	POSCAR_143t2k4_01_3d1c3d1b_0007_3do1br	175
AB-stacking	POSCAR_143t2k4_01_3d1c3d1b_0008_1cp3dq	175
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0122_3do1bq3ds1bu	175
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0133_1cp3dr1ct3dv	175
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0061_3do3dq1cs	176
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0071_3dp3dq1bu	176
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0084_3dq3dt1av	176
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0042_3ao3ap3aq3ar	177
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0043_3ao3ap3aq3as	177
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0044_3ao3ap3aq3at	177
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0051_3ao3ar3as3at	177
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0055_3ap3ar3as3at	177
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0056_3aq3ar3as3at	177
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0188_9bo3ap9bs3au	177
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0193_9bo3aq9bs3av	177
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0194_9bo3ar9bs3at	177
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0128_3do3dp1cs1bu1av	178
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0131_3do1cs3dt1bu1av	178
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0134_3dp1cs3dt1bu1av	178
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0073_9bo3ap3at	179
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0078_9bo3aq3au	179
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0082_9bo3ar3av	179
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0090_3ap9bs3av	179
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0092_3aq9bs3at	179
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0096_3ar9bs3au	179
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0121_3do3dq3dr	180

AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0124_3dp3dq3dr	180
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0127_3dq3dr3dt	180
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0028_9bo3as3au	181
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0033_9bp3au3av	181
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0041_3as9bt3av	181
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0237_9bo3ap3aq9bs3at3	182
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0238_9bo3ap3aq9bs3at3	182
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0241_9bo3ap3ar9bs3at3	182
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0242_9bo3ap3ar9bs3au3	182
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0244_9bo3aq3ar9bs3at3	182
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0246_9bo3aq3ar9bs3au3	182
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0249_9bo9bp9bq9br3as9	183
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0250_9bo9bp9bq9br9bt3	183
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0251_9bo9bp9bq9br9bt3	183
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0042_2do2dp2dq2dr	184
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0055_2dp2dr2ds2dt	184
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0225_3do1cp1bq3ds1ct3	185
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0227_3do1cp3dr3ds1ct1	185
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0231_3do1bq3dr1ct1bu3	185
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0234_1cp1bq3dr3ds1bu3	185
AB-stacking	POSCAR_150t1k4_01_2d2d2d2d_0007_2do2dr	186
AB-stacking	POSCAR_150t1k4_01_2d2d2d2d_0008_2dp2dq	186
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0045_9bo9br	187
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0048_9bp9br	187
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0052_9br9bt	187
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0004_1cs1bu	188
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0005_1cs1av	188
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0006_1bu1av	188
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0088_9bo9bp3as3au	189
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0098_9bo3as9bt3av	189
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0108_9bp9bt3au3av	189
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0028_2do2dq2dt	190
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0035_2dp2dr2ds	190
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0007_3ap3aq	191
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0008_3ap3ar	191
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0012_3aq3ar	191
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0019_3at3au	191
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0020_3at3av	191
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0021_3au3av	191
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0045_9bo9bp9br9bs	192
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0050_9bo9bq9bs9bt	192
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0053_9bp9bq9br9bt	192
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0066_3do1cp1bq1ct	193

AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0071_1cp1bq3dr1bu	193
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0077_1cp3ds1ct1bu	193
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0081_1bq1ct1bu3dv	193
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0011_2do2dt	194
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0017_2dq2ds	194
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0123_3do1bq1ct3dv	195
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0132_1cp3dr3ds1bu	195
AB-stacking	POSCAR_143t2k4_01_3d1c3d1b_0010_3do1cp1br	196
AB-stacking	POSCAR_143t2k4_01_3d1c3d1b_0011_1cp3dq1br	196
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0191_3do1cp1bq3ds1ct1	196
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0194_1cp1bq3dr1ct1bu3	196
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0163_1ao1cp3dr1ct1bu	197
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0165_1ao1cp1as1bu3dv	197
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0167_1ao1bq3dr1as1ct	197
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0172_1ao1bq1ct1bu3dv	197
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0176_1cp1bq3dr1as1bu	197
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0178_1cp1bq1as1ct3dv	197
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0111_9bo3ap3aq3av	198
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0113_9bo3ap3ar3au	198
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0118_9bo3aq3ar3at	198
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0135_3ap9bs3at3au	198
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0143_3aq9bs3au3av	198
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0145_3ar9bs3at3av	198
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0014_2dp2ds	199
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0018_2dq2dt	199
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0002_2dp	200
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0004_2dr	200
AB-stacking	POSCAR_143t2k2_01_1b1c1b1c_0011_1bo1cp1bq	201
AB-stacking	POSCAR_143t2k2_01_1b1c1b1c_0012_1bo1cp1cr	201
AB-stacking	POSCAR_143t2k2_01_1b1c1b1c_0013_1bo1bq1cr	201
AB-stacking	POSCAR_143t2k2_01_1b1c1b1c_0014_1cp1bq1cr	201
AB-stacking	POSCAR_143t2k6_02_3d3d3d3d_0011_3do3dp3dq	201
AB-stacking	POSCAR_143t2k6_02_3d3d3d3d_0012_3do3dp3dr	201
AB-stacking	POSCAR_143t2k6_02_3d3d3d3d_0013_3do3dq3dr	201
AB-stacking	POSCAR_143t2k6_02_3d3d3d3d_0014_3dp3dq3dr	201
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0212_1ao1cp1bq3dr3dv	201
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0231_3dr1as1ct1bu3dv	201
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0232_1ao1cp1bq3dr1as1	201
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0233_1ao1cp1bq1as1ct1	201
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0221_3do1cp1bq3dr3ds1	201
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0224_3do1cp1bq3dr1bu3	201
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0229_3do1cp3ds1ct1bu3	201
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0236_1bq3dr3ds1ct1bu3	201

AB-stacking	POSCAR_144t2k6_01_3a3a3a3a_0011_3ao3ap3aq	201
AB-stacking	POSCAR_144t2k6_01_3a3a3a3a_0012_3ao3ap3ar	201
AB-stacking	POSCAR_144t2k6_01_3a3a3a3a_0013_3ao3aq3ar	201
AB-stacking	POSCAR_144t2k6_01_3a3a3a3a_0014_3ap3aq3ar	201
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0212_9bo3ap3aq3ar9bs	201
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0231_9bo9bs3at3au3av	201
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0232_9bo3ap3aq3ar3at3	201
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0233_3ap3aq3ar9bs3at3	201
AB-stacking	POSCAR_146t2k6_03_9b9b9b9b_0011_9bo9bp9bq	201
AB-stacking	POSCAR_146t2k6_03_9b9b9b9b_0012_9bo9bp9br	201
AB-stacking	POSCAR_146t2k6_03_9b9b9b9b_0013_9bo9bq9br	201
AB-stacking	POSCAR_146t2k6_03_9b9b9b9b_0014_9bp9bq9br	201
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0179_9bo9bq9br3au3av	202
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0187_9bp9bq9br3as3av	202
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0195_9bq9br3as9bt3au	202
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0066_3do3dr1av	203
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0073_3dp3dr1cs	203
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0086_3dr3dt1bu	203
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0068_3do1cp1ct1bu	204
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0072_1cp1bq3ds1ct	204
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0075_1cp1bq1bu3dv	204
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0079_1bq3dr1ct1bu	204
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0049_2do2dq2dr2dt	205
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0054_2dp2dq2ds2dt	205
AB-stacking	POSCAR_146t2k3_03_3a3a3a9b_0009_3ao9br	206
AB-stacking	POSCAR_146t2k3_03_3a3a3a9b_0010_3ap9br	206
AB-stacking	POSCAR_146t2k3_03_3a3a3a9b_0011_3aq9br	206
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0007_9bo	207
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0008_9bp	207
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0011_9bt	207
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0034_2dp2dq2dt	208
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0039_2dq2dr2dt	208
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0022_9br3as	209
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0023_9br3au	209
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0024_9br3av	209
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0071_9bo3ap3aq	210
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0072_9bo3ap3ar	210
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0076_9bo3aq3ar	210
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0098_9bs3at3au	210
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0099_9bs3at3av	210
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0100_9bs3au3av	210
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0038_3do1cp1bu	211
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0050_1cp1bu3dv	211

AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0051_1bq3dr1ct	211
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0053_1bq3ds1ct	211
AB-stacking	POSCAR_143t2k4_01_3d1c3d1b_0004_3do	212
AB-stacking	POSCAR_143t2k4_01_3d1c3d1b_0005_3dq	212
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0061_3do3ds	212
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0064_3dr3dv	212
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0141_3do3dp3dr1cs	213
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0155_3do3dr3dt1av	213
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0163_3dp3dr3dt1bu	213
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0113_3do1cp3dr1ct	214
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0120_3do1bq3dr1bu	214
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0135_1cp3ds1ct3dv	214
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0142_1bq3ds1bu3dv	214
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0213_3do3dp3dq3dr1cs	215
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0224_3do3dq3dr3dt1av	215
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0226_3dp3dq3dr3dt1bu	215
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0058_9bo9bp3as	216
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0069_9bo9bt3av	216
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0077_9bp9bt3au	216
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0149_9bo3ap9bs	217
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0150_9bo3aq9bs	217
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0151_9bo3ar9bs	217
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0152_9bo9bs3at	217
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0153_9bo9bs3au	217
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0154_9bo9bs3av	217
AB-stacking	POSCAR_143t2k3_03_3d1a1c1b_0009_3do1ap	218
AB-stacking	POSCAR_143t2k3_03_3d1a1c1b_0010_3do1cq	218
AB-stacking	POSCAR_143t2k3_03_3d1a1c1b_0011_3do1br	218
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0187_1ao3dr1as3dv	218
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0192_1cp3dr1ct3dv	218
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0196_1bq3dr1bu3dv	218
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0199_3do3dp3dq3dt	218
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0200_3do3dp3dr3dt	218
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0205_3do3dp1cs3dt1bu1	218
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0199_9bo9bp9bq9bt	218
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0200_9bo9bp9br9bt	218
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0205_9bo9bp3as9bt3au3	218
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0231_9bo9bp9bq3as9bt3	219
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0232_9bo9bp9bq3as9bt3	219
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0233_9bo9bp9bq9bt3au3	219
AB-stacking	POSCAR_143t2k7_02_1b3d3d3d3d1c_0009_1bo3dq	220
AB-stacking	POSCAR_143t2k7_02_1b3d3d3d3d1c_0014_3dr1ct	220
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0175_3do1cp3dr3dv	221

AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0177_3do1bq3dr3ds	221
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0185_3do3ds1bu3dv	221
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0188_3dr3ds1ct3dv	221
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0076_1ao3dr1ct	222
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0080_1ao1bu3dv	222
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0085_1cp3dr1bu	222
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0086_1cp1as3dv	222
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0089_1bq3dr1as	222
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0093_1bq1ct3dv	222
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0001_2do	223
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0004_2dr	223
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0010_3do3ds	224
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0013_3dp3dr	224
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0018_3dq3dt	224
AB-stacking	POSCAR_150t1k9_02_6g6g6g_0003_6gq	224
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0044_9bo3ap	225
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0045_9bo3aq	225
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0046_9bo3ar	225
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0053_9bs3at	225
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0054_9bs3au	225
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0055_9bs3av	225
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0161_1ao1cp3dr1as1ct	226
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0164_1ao1cp1as1ct3dv	226
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0168_1ao1bq3dr1as1bu	226
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0171_1ao1bq1as1bu3dv	226
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0177_1cp1bq3dr1ct1bu	226
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0180_1cp1bq1ct1bu3dv	226
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0050_2do2dq2ds2dt	227
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0052_2dp2dq2dr2ds	227
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0089_9bo9bp3as3av	228
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0099_9bo9bt3au3av	228
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0106_9bp3as9bt3au	228
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0001_1cp	229
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0002_1bq	229
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0003_1ct	229
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0004_1bu	229
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0118_3do3dp3dq	230
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0122_3do3dq3dt	230
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0125_3dp3dq3dt	230
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0082_3do1cp3dr	231
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0085_3do1bq3dr	231
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0104_3ds1ct3dv	231
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0105_3ds1bu3dv	231

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AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0123_3do3dr3dt	232
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0126_3dp3dr3dt	232
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0112_1ao1cp3dr1bu	233
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0117_1ao1bq3dr1ct	233
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0127_1ao1ct1bu3dv	233
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0128_1cp1bq3dr1as	233
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0138_1cp1as1bu3dv	233
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0143_1bq1as1ct3dv	233
AB-stacking	POSCAR_143t2k1_01_1b1c_0001_1bo	234
AB-stacking	POSCAR_143t2k1_01_1b1c_0002_1cp	234
AB-stacking	POSCAR_143t2k2_01_1b1c1b1c_0006_1bo1bq	234
AB-stacking	POSCAR_143t2k2_01_1b1c1b1c_0009_1cp1cr	234
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0026_1bo1bq1br	234
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0037_1cp1cs1ct	234
AB-stacking	POSCAR_143t2k3_02_3d3d_0001_3do	234
AB-stacking	POSCAR_143t2k3_02_3d3d_0002_3dp	234
AB-stacking	POSCAR_143t2k3_03_3d1a1c1b_0007_3do	234
AB-stacking	POSCAR_143t2k3_03_3d1a1c1b_0008_1ap1cq1br	234
AB-stacking	POSCAR_143t2k4_01_3d1c3d1b_0006_3do1cp	234
AB-stacking	POSCAR_143t2k4_01_3d1c3d1b_0009_3dq1br	234
AB-stacking	POSCAR_143t2k6_02_3d3d3d3d_0006_3do3dq	234
AB-stacking	POSCAR_143t2k6_02_3d3d3d3d_0009_3dp3dr	234
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0107_3dr3dv	234
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AB-stacking	POSCAR_143t2k7_02_1b3d3d3d3d1c_0037_3dr3ds1ct	234
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0115_3do1cp3ds1ct	234
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0140_1bq3dr1bu3dv	234
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0026_3do3dq3dr	234
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0037_3dp3ds3dt	234
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0022_3do3dp3dq	234
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0041_3dr3ds3dt	234
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0120_3do3dp3dt	234
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0135_3dq3dr1cs1bu1av	234
AB-stacking	POSCAR_144t2k6_01_3a3a3a3a_0006_3ao3aq	234
AB-stacking	POSCAR_144t2k6_01_3a3a3a3a_0009_3ap3ar	234
AB-stacking	POSCAR_145t2k3_01_3a3a_0001_3ao	234
AB-stacking	POSCAR_145t2k3_01_3a3a_0002_3ap	234
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0022_3ao3ap3aq	234
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0041_3ar3as3at	234
AB-stacking	POSCAR_146t2k3_01_9b9b_0001_9bo	234
AB-stacking	POSCAR_146t2k3_01_9b9b_0002_9bp	234

AB-stacking	POSCAR_146t2k3_03_3a3a3a9b_0007_9br	234
AB-stacking	POSCAR_146t2k3_03_3a3a3a9b_0008_3ao3ap3aq	234
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0107_9bo9bs	234
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0148_3ap3aq3ar3at3au3	234
AB-stacking	POSCAR_146t2k6_03_9b9b9b9b_0006_9bo9bq	234
AB-stacking	POSCAR_146t2k6_03_9b9b9b9b_0009_9bp9br	234
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0120_9bo9bp9bt	234
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0135_9bq9br3as3au3av	234
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AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0041_9br9bs9bt	234
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AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0098_1bq3dr3dv	235
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0103_3dr1bu3dv	235
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0116_9bo3ap3at3av	236
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0121_9bo3aq3at3au	236
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0126_9bo3ar3au3av	236
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0129_3ap3aq9bs3at	236
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0134_3ap3ar9bs3av	236
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0139_3aq3ar9bs3au	236
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0066_9bo9br3av	237
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0073_9bp9br3as	237
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0086_9br9bt3au	237
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0034_3dq1cs1bu	238
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0035_3dq1cs1av	238
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0036_3dq1bu1av	238
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0088_3do3dr1ct	239
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0089_3do3dr1bu	239
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0096_1cp3ds3dv	239
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0099_1bq3ds3dv	239
AB-stacking	POSCAR_150t1k4_03_2d2d2d2d_0002_2dp	240
AB-stacking	POSCAR_150t1k4_03_2d2d2d2d_0004_2dr	240
AB-stacking	POSCAR_143t2k7_02_1b3d3d3d3d1c_0008_1bo3dp	241
AB-stacking	POSCAR_143t2k7_02_1b3d3d3d3d1c_0015_3ds1ct	241
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0001_3ao	242
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0002_3ap	242
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0003_3aq	242
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0004_3ar	242
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0005_3as	242
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0006_3at	242
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0010_3ap3au	242
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0015_3aq3av	242
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0016_3ar3at	242

AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0059_2do2dp2dq2ds2dt	243
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0062_2dp2dq2dr2ds2dt	243
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0215_9bo9bp9bq9br3av	244
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0223_9bo9bq9br9bt3au	244
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0225_9bp9bq9br3as9bt	244
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AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0185_3do3dr3dt1bu1av	245
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0192_3dp3dr1cs3dt1bu	245
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0176_3do1cp3ds3dv	246
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0180_3do3dr3ds1ct	246
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0183_3do3dr1bu3dv	246
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0187_1bq3dr3ds3dv	246
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0179_3do1bq3ds3dv	247
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0181_3do3dr3ds1bu	247
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0182_3do3dr1ct3dv	247
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0186_1cp3dr3ds3dv	247
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AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0058_3ao3ap3aq3ar3at	248
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0059_3ao3ap3aq3as3at	248
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0060_3ao3ap3ar3as3at	248
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AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0240_9bo3ap3ar9bs3at3	248
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0245_9bo3aq3ar9bs3at3	248
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0011_2do2dt	249
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0013_2dp2dr	249
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0015_2dp2dt	250
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0016_2dq2dr	250
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0045_3do3dp3dr3ds	251
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0050_3do3dq3ds3dt	251
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0053_3dp3dq3dr3dt	251
AB-stacking	POSCAR_150t1k9_02_6g6g6g_0004_6go6gp	251
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0138_3do3dp3dq1cs	252
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0152_3do3dq3dt1av	252
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0160_3dp3dq3dt1bu	252
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0109_9bq9br3as3au	253
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0110_9bq9br3as3av	253
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0111_9bq9br3au3av	253
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0200_3do1cp3dr3ds1bu	254
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0207_3do1bq3dr1ct3dv	254
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0209_3do1bq3ds1ct3dv	254
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0216_1cp3dr3ds1bu3dv	254

AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0023_9bo9bp9br	255
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0027_9bo9bq9bs	255
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0029_9bo9br9bs	255
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0034_9bp9bq9bt	255
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0036_9bp9br9bt	255
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0040_9bq9bs9bt	255
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0187_9bo3ap9bs3at	256
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0189_9bo3ap9bs3av	256
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0191_9bo3aq9bs3at	256
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0192_9bo3aq9bs3au	256
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0195_9bo3ar9bs3au	256
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0196_9bo3ar9bs3av	256
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0154_3do1cp1bq1ct3dv	257
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0161_3do1bq1ct1bu3dv	257
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0163_1cp1bq3dr3ds1bu	257
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0168_1cp3dr3ds1ct1bu	257
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0009_3ap3at	258
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0011_3ap3av	258
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0013_3aq3at	258
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0014_3aq3au	258
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0017_3ar3au	258
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0018_3ar3av	258
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0007_1cp1bu	259
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0008_1bq1ct	259
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0042_9bo9bp9bq9br	260
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0043_9bo9bp9bq9bs	260
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0044_9bo9bp9bq9bt	260
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0051_9bo9br9bs9bt	260
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0055_9bp9br9bs9bt	260
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0056_9bq9br9bs9bt	260
AB-stacking	POSCAR_143t2k4_01_3d1c3d1b_0013_3do1cp3dq	261
AB-stacking	POSCAR_143t2k4_01_3d1c3d1b_0014_3do3dq1br	261
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0246_3do1cp3dr3ds1ct3	261
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0249_3do1bq3dr3ds1bu3	261
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0026_2do2dq2dr	262
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0037_2dp2ds2dt	262
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0091_9bo9bq3as3au	263
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0102_9bp9bq3au3av	263
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0113_9bq3as9bt3av	263
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0115_1ao1cp1bu3dv	264
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0120_1ao1bq1ct3dv	264
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0124_1ao3dr1ct1bu	264
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0131_1cp1bq1as3dv	264

AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0135_1cp3dr1as1bu	264
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0140_1bq3dr1as1ct	264
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0023_3ao3ap3ar	265
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0024_3ao3ap3as	265
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0025_3ao3ap3at	265
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0026_3ao3aq3ar	265
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0027_3ao3aq3as	265
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0028_3ao3aq3at	265
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0029_3ao3ar3as	265
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0030_3ao3ar3at	265
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0031_3ao3as3at	265
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0032_3ap3aq3ar	265
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0033_3ap3aq3as	265
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0034_3ap3aq3at	265
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0035_3ap3ar3as	265
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0036_3ap3ar3at	265
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0037_3ap3as3at	265
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0038_3aq3ar3as	265
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0039_3aq3ar3at	265
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0040_3aq3as3at	265
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0040_3do1bq1bu	266
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0045_1cp3dr1ct	266
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0049_1cp1ct3dv	266
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0054_1bq3ds1bu	266
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0213_1ao1cp3dr1as3dv	267
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0218_1ao1bq3dr1bu3dv	267
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0219_1ao3dr1as1ct3dv	267
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0223_1cp1bq3dr1ct3dv	267
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0227_1cp3dr1ct1bu3dv	267
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0229_1bq3dr1as1bu3dv	267
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0015_9bo3av	268
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0016_9bp3as	268
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0026_9bt3au	268
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0216_3do3dp3dq1cs3dt	269
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0217_3do3dp3dq3dt1bu	269
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0218_3do3dp3dq3dt1av	269
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0045_1bo1cp1br1cs	270
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0050_1bo1bq1cs1ct	270
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0053_1cp1bq1br1ct	270
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0045_3do3dp3dr3ds	270
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0050_3do3dq3ds3dt	270
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0053_3dp3dq3dr3dt	270
AB-stacking	POSCAR_149t1k9_01_6l6l6l_0005_6lo6lq	270

AB-stacking	POSCAR_150t1k3_01_2d2d2d_0005_2do2dq	270
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0050_2do2dq2ds2dt	270
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0048_2do2dq2dr2ds	270
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0011_9bo9bt	271
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0014_9bp9bs	271
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0016_9bq9br	271
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0094_9bo9br3as3au	272
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0105_9bp9br3au3av	272
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0116_9br3as9bt3av	272
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0029_3do1cs1av	273
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0031_3dp1cs1bu	273
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0042_3dt1bu1av	273
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0101_3ap3aq3ar3at3au	274
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0102_3ap3aq3ar3at3av	274
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0103_3ap3aq3ar3au3av	274
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0104_3ap3aq3at3au3av	274
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0105_3ap3ar3at3au3av	274
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0106_3aq3ar3at3au3av	274
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0171_9bo9bp9br3as3au	275
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0184_9bo9br3as9bt3av	275
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0194_9bp9br9bt3au3av	275
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0140_3do3dp3dq1av	276
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0151_3do3dq3dt1bu	276
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0159_3dp3dq1cs3dt	276
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0011_3do3dt	277
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0014_3dp3ds	277
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0016_3dq3dr	277
AB-stacking	POSCAR_150t1k9_02_6g6g6g_0001_6go	277
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0249_3do3dp3dq3dr1cs3	278
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0250_3do3dp3dq3dr3dt1	278
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0251_3do3dp3dq3dr3dt1	278
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0249_9bo3ap3aq3ar9bs3	279
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0250_9bo3ap3aq3ar9bs3	279
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0251_9bo3ap3aq3ar9bs3	279
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0252_9bo3ap3aq9bs3at3	279
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0253_9bo3ap3ar9bs3at3	279
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0254_9bo3aq3ar9bs3at3	279
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0007_2do2dp	280
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0020_2dr2dt	280
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0213_9bo9bp9bq9br3as	281
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0224_9bo9bq9br9bt3av	281
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0226_9bp9bq9br9bt3au	281
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0084_3do1cp3dv	282

AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0093_3do1bu3dv	282
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0097_1bq3dr3ds	282
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0100_3dr3ds1ct	282
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0060_9bo9bp3av	283
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0068_9bo9bt3au	283
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0076_9bp3as9bt	283
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0001_1bo	284
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0002_1cp	284
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0003_1bq	284
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0004_1br	284
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0005_1cs	284
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0006_1ct	284
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0001_3do	284
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0002_3dp	284
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0003_3dq	284
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0004_3dr	284
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0005_3ds	284
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0006_3dt	284
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0202_3do1cp3dr1bu3dv	285
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0204_3do1cp3ds1bu3dv	285
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0205_3do1bq3dr3ds1ct	285
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0217_1bq3dr3ds1ct3dv	285
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0004_3as3au	286
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0005_3as3av	286
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0006_3au3av	286
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AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0187_3dp3dq3dr1cs1av	287
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0195_3dq3dr1cs3dt1bu	287
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0064_9bo9br3as	288
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0074_9bp9br3au	288
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0087_9br9bt3av	288
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0001_3ap	289
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0002_3aq	289
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0003_3ar	289
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0004_3at	289
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0005_3au	289
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0006_3av	289
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0095_9bo9br3as3av	290
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0103_9bp9br3as3au	290
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0117_9br9bt3au3av	290
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0075_9bo3ap3av	291
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0077_9bo3aq3at	291
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0081_9bo3ar3au	291

AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0088_3ap9bs3at	291
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0093_3aq9bs3au	291
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0097_3ar9bs3av	291
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0036_3do1cp1bq	292
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0042_1cp1bq3dr	292
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0058_3ds1ct1bu	292
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0059_1ct1bu3dv	292
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0117_9bo3ap3au3av	293
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0122_9bo3aq3at3av	293
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0124_9bo3ar3at3au	293
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0130_3ap3aq9bs3au	293
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0132_3ap3ar9bs3at	293
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0140_3aq3ar9bs3av	293
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0219_3do3dp3dr1cs3dt	294
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0220_3do3dp3dr3dt1bu	294
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0221_3do3dp3dr3dt1av	294
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0072_1ao1cp3dv	295
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0074_1ao1bq3dv	295
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0082_1cp1bq3dv	295
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0095_3dr1as1ct	295
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0096_3dr1as1bu	295
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0097_3dr1ct1bu	295
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0028_3do1cs1bu	296
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0033_3dp1bu1av	296
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0041_1cs3dt1av	296
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0101_1ao1cp1bq1as1ct	297
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0102_1ao1cp1bq1as1bu	297
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0103_1ao1cp1bq1ct1bu	297
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0104_1ao1cp1as1ct1bu	297
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0105_1ao1bq1as1ct1bu	297
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0106_1cp1bq1as1ct1bu	297
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0155_3do1cp1bq1bu3dv	298
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0158_3do1cp1ct1bu3dv	298
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0162_1cp1bq3dr3ds1ct	298
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0171_1bq3dr3ds1ct1bu	298
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0173_9bo9bp9br3au3av	299
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0183_9bo9br3as9bt3au	299
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0193_9bp9br3as9bt3av	299
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0214_1ao1cp3dr1ct3dv	300
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0216_1ao1bq3dr1as3dv	300
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0220_1ao3dr1as1bu3dv	300
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0224_1cp1bq3dr1bu3dv	300
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0225_1cp3dr1as1ct3dv	300

AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0230_1bq3dr1ct1bu3dv	300
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0027_2do2dq2ds	301
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0031_2do2ds2dt	301
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0216_9bo9bp9bq3as9bt	302
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0217_9bo9bp9bq9bt3au	302
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0218_9bo9bp9bq9bt3av	302
AB-stacking	POSCAR_150t1k4_03_2d2d2d2d_0005_2do2dp	303
AB-stacking	POSCAR_150t1k4_03_2d2d2d2d_0010_2dq2dr	303
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0140_9bo9bp9bq3av	304
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0151_9bo9bq9bt3au	304
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0159_9bp9bq3as9bt	304
AB-stacking	POSCAR_146t2k3_03_3a3a3a9b_0001_3ao	305
AB-stacking	POSCAR_146t2k3_03_3a3a3a9b_0002_3ap	305
AB-stacking	POSCAR_146t2k3_03_3a3a3a9b_0003_3aq	305
AB-stacking	POSCAR_151t1k9_01_6c6c6c_0004_6co6cp	306
AB-stacking	POSCAR_151t1k9_01_6c6c6c_0005_6co6cq	306
AB-stacking	POSCAR_151t1k9_01_6c6c6c_0006_6cp6cq	306
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0047_2do2dp2ds2dt	307
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0053_2dp2dq2dr2dt	307
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0025_3do3dp3dt	308
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0026_3do3dq3dr	308
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0030_3do3dr3dt	308
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0033_3dp3dq3ds	308
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0037_3dp3ds3dt	308
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0038_3dq3dr3ds	308
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0116_3do1cp3ds1bu	309
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0121_3do1bq3ds1ct	309
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0134_1cp3dr1bu3dv	309
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0139_1bq3dr1ct3dv	309
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0219_9bo9bp9br3as9bt	310
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0220_9bo9bp9br9bt3au	310
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0221_9bo9bp9br9bt3av	310
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0007_1bo1cp	311
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0017_1bq1cs	311
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0020_1br1ct	311
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0007_3do3dp	311
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0017_3dq3ds	311
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0020_3dr3dt	311
AB-stacking	POSCAR_149t1k9_01_6l6l6l_0003_6lq	311
AB-stacking	POSCAR_150t1k3_01_2d2d2d_0001_2do	311
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0018_2dq2dt	311
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0017_2dq2ds	311
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0214_9bo9bp9bq9br3au	312

AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0222_9bo9bq9br3as9bt	312
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0227_9bp9bq9br9bt3av	312
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0141_9bo9bp9br3as	313
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0155_9bo9br9bt3av	313
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0163_9bp9br9bt3au	313
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0215_1ao1cp3dr1bu3dv	314
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0217_1ao1bq3dr1ct3dv	314
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0221_1ao3dr1ct1bu3dv	314
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0222_1cp1bq3dr1as3dv	314
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0226_1cp3dr1as1bu3dv	314
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0228_1bq3dr1as1ct3dv	314
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0147_9bo9bq9br3as	315
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0157_9bp9bq9br3au	315
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0167_9bq9br9bt3av	315
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0045_1ao3dv	316
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0047_1cp3dv	316
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0049_1bq3dv	316
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0050_3dr1as	316
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0051_3dr1ct	316
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0052_3dr1bu	316
AB-stacking	POSCAR_150t1k4_03_2d2d2d2d_0011_2do2dp2dq	317
AB-stacking	POSCAR_150t1k4_03_2d2d2d2d_0013_2do2dq2dr	317
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0061_9bo9bq3as	318
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0071_9bp9bq3au	318
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0084_9bq9bt3av	318
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0023_2do2dp2dr	319
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0035_2dp2dr2ds	319
AB-stacking	POSCAR_143t2k4_01_3d1c3d1b_0012_3do3dq	320
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0220_3do3dr3ds3dv	320
AB-stacking	POSCAR_150t1k4_02_6g2d_0002_6go	320
AB-stacking	POSCAR_150t1k8_03_2d6g2d6g_0012_6gp6gr	320
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0047_9bo9bp9bs9bt	321
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AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0052_9bp9bq9br9bs	321
AB-stacking	POSCAR_143t2k3_03_3d1a1c1b_0004_1ap1cq	322
AB-stacking	POSCAR_143t2k3_03_3d1a1c1b_0005_1ap1br	322
AB-stacking	POSCAR_143t2k3_03_3d1a1c1b_0006_1cq1br	322
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0059_1ao1cp1as1ct	322
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0063_1ao1bq1as1bu	322
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0068_1cp1bq1ct1bu	322
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0050_3dq3dr	322
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0055_3dq1cs1bu1av	322
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0056_3dr1cs1bu1av	322

AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0050_9bq9br	322
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0055_9bq3as3au3av	322
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0056_9br3as3au3av	322
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0198_3do1cp1bq3ds3dv	323
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0211_3do3dr3ds1ct1bu	323
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0212_3do3dr1ct1bu3dv	323
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0214_1cp1bq3dr3ds3dv	323
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0039_3do1bq1ct	324
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0046_1cp3dr1bu	324
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0048_1cp3ds1bu	324
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0055_1bq1ct3dv	324
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AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0055_2dp2dr2ds2dt	325
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0044_3do3dq	326
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0047_3dp3dq	326
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0051_3dq3dt	326
AB-stacking	POSCAR_143t2k3_03_3d1a1c1b_0001_1ap	327
AB-stacking	POSCAR_143t2k3_03_3d1a1c1b_0002_1cq	327
AB-stacking	POSCAR_143t2k3_03_3d1a1c1b_0003_1br	327
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0009_1ao1as	327
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0014_1cp1ct	327
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0018_1bq1bu	327
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AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0010_3dr	327
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0012_1cs1bu1av	327
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0009_9bq	327
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0010_9br	327
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0012_3as3au3av	327
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0009_3do3dr	328
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0015_3dp3dt	328
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0017_3dq3ds	328
AB-stacking	POSCAR_150t1k9_02_6g6g6g_0002_6gp	328
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0115_9bo3ap3at3au	329
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AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0041_3do1ct1bu	331
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0043_1cp1bq3ds	331

AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0044_1cp1bq3dv	331
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0057_3dr1ct1bu	331
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0174_3do1cp3dr3ds	332
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0178_3do1bq3dr3dv	332
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0184_3do3ds1ct3dv	332
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0189_3dr3ds1bu3dv	332
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0029_9bo3as3av	333
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0031_9bp3as3au	333
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0042_9bt3au3av	333
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0010_1bo1cs	334
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0013_1cp1br	334
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0018_1bq1ct	334
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0010_3do3ds	334
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0013_3dp3dr	334
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0018_3dq3dt	334
AB-stacking	POSCAR_149t1k9_01_6l6l6l_0002_6lp	334
AB-stacking	POSCAR_150t1k3_01_2d2d2d_0002_2dp	334
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0013_2dp2dr	334
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0015_2dp2dt	334
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0164_9bo3ap3at3au3av	335
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0168_9bo3aq3at3au3av	335
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0169_9bo3ar3at3au3av	335
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0170_3ap3aq3ar9bs3at	335
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0171_3ap3aq3ar9bs3au	335
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0172_3ap3aq3ar9bs3av	335
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0065_3do3dr1bu	336
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0075_3dp3dr1av	336
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0085_3dr1cs3dt	336
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0117_3do1cp1ct3dv	337
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0124_3do1bq1bu3dv	337
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0131_1cp3dr3ds1ct	337
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0138_1bq3dr3ds1bu	337
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0042_3do3dp3dq3dr	338
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0043_3do3dp3dq3ds	338
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0044_3do3dp3dq3dt	338
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0051_3do3dr3ds3dt	338
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0055_3dp3dr3ds3dt	338
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0056_3dq3dr3ds3dt	338
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0130_3do3dr1cs1bu1av	339
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0133_3dp3dr1cs1bu1av	339
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0137_3dr1cs3dt1bu1av	339
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0215_3do3dp3dq3dr1av	340
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0223_3do3dq3dr3dt1bu	340

AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0225_3dp3dq3dr1cs3dt	340
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0058_3do3dp1cs	341
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0069_3do3dt1av	341
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0077_3dp3dt1bu	341
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0037_9br3as3au	342
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0038_9br3as3av	342
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0039_9br3au3av	342
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0021_3do1ct	343
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0024_1cp3ds	343
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0028_1bq3dv	343
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0030_3dr1bu	343
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0001_2do	344
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0005_2ds	344
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0142_9bo9bp9br3au	345
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0153_9bo9br3as9bt	345
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0164_9bp9br9bt3av	345
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0222_3do1cp1bq3dr3ds1	346
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0223_3do1cp1bq3dr1ct3	346
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0232_3do1bq3ds1ct1bu3	346
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0235_1cp3dr3ds1ct1bu3	346
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0139_3do3dp3dq1bu	347
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0150_3do3dq1cs3dt	347
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0161_3dp3dq3dt1av	347
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0094_3do3dr1cs1bu	348
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0105_3dp3dr1bu1av	348
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0116_3dr1cs3dt1av	348
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AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0085_9br3as9bt	349
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0007_2do2dp	350
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0019_2dr2ds	350
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0149_9bo9bq9br3av	351
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0156_9bp9bq9br3as	351
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0166_9bq9br9bt3au	351
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0118_9bo9bp9bq	352
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0122_9bo9bq9bt	352
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AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0030_3do1bu1av	353
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AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0040_1cs3dt1bu	353
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0092_3do3dq1cs1av	354
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0100_3dp3dq1cs1bu	354
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0114_3dq3dt1bu1av	354

AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0144_3do3dp1cs3dt	355
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0145_3do3dp3dt1bu	355
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0146_3do3dp3dt1av	355
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0231_3do3dp3dq1cs3dt1	356
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0232_3do3dp3dq1cs3dt1	356
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0233_3do3dp3dq3dt1bu1	356
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0045_3do3dr	357
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0048_3dp3dr	357
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0052_3dr3dt	357
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0149_1ao3dr3dv	358
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0150_1cp3dr3dv	358
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0151_1bq3dr3dv	358
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0152_3dr1as3dv	358
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0153_3dr1ct3dv	358
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0154_3dr1bu3dv	358
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AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0040_3ar3at3au	359
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AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0195_1cp1bq3ds1ct1bu3	360
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AB-stacking	POSCAR_150t1k8_03_2d6g2d6g_0011_2do2dq6gr	360
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0203_3do3dp3dq1cs1bu	361
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AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0210_3dp3dq1cs3dt1bu1	361
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0056_3ap3aq3ar3at	362
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0057_3ap3aq3ar3au	362
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0058_3ap3aq3ar3av	362
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0065_3ap3at3au3av	362
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AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0070_3ar3at3au3av	362
AB-stacking	POSCAR_143t2k2_01_1b1c1b1c_0005_1bo1cp	363
AB-stacking	POSCAR_143t2k2_01_1b1c1b1c_0010_1bq1cr	363
AB-stacking	POSCAR_143t2k6_02_3d3d3d3d_0005_3do3dp	363
AB-stacking	POSCAR_143t2k6_02_3d3d3d3d_0010_3dq3dr	363
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0108_1ao1cp1bq3dr	363
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0147_1as1ct1bu3dv	363
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0110_3do1cp1bq3dr	363
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0145_3ds1ct1bu3dv	363
AB-stacking	POSCAR_144t2k6_01_3a3a3a3a_0005_3ao3ap	363

AB-stacking	POSCAR_144t2k6_01_3a3a3a3a_0010_3aq3ar	363
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0108_9bo3ap3aq3ar	363
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0147_9bs3at3au3av	363
AB-stacking	POSCAR_146t2k6_03_9b9b9b9b_0005_9bo9bp	363
AB-stacking	POSCAR_146t2k6_03_9b9b9b9b_0010_9bq9br	363
AB-stacking	POSCAR_149t1k6_02_6l6l_0001_6lo	363
AB-stacking	POSCAR_149t1k6_02_6l6l_0002_6lp	363
AB-stacking	POSCAR_150t1k2_02_2d2d_0001_2do	363
AB-stacking	POSCAR_150t1k2_02_2d2d_0002_2dp	363
AB-stacking	POSCAR_150t1k4_03_2d2d2d2d_0006_2do2dq	363
AB-stacking	POSCAR_150t1k4_03_2d2d2d2d_0009_2dp2dr	363
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0024_2do2dp2ds	363
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0039_2dq2dr2dt	363
AB-stacking	POSCAR_150t1k8_03_2d6g2d6g_0006_2do6gp	363
AB-stacking	POSCAR_150t1k8_03_2d6g2d6g_0009_2dq6gr	363
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0096_9bo9br3au3av	364
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0104_9bp9br3as3av	364
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0115_9br3as9bt3au	364
AB-stacking	POSCAR_150t1k4_03_2d2d2d2d_0001_2do	365
AB-stacking	POSCAR_150t1k4_03_2d2d2d2d_0003_2dq	365
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0234_9bo9bp9br3as9bt3	366
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0235_9bo9bp9br3as9bt3	366
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0236_9bo9bp9br9bt3au3	366
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0024_2do2dp2ds	367
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0029_2do2dr2ds	367
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0203_9bo9bp9bq3as3au	368
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0207_9bo9bq3as9bt3au3	368
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0210_9bp9bq3as9bt3au3	368
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0046_3do3dp3dr3dt	369
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0048_3do3dq3dr3ds	369
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0054_3dp3dq3ds3dt	369
AB-stacking	POSCAR_150t1k9_02_6g6g6g_0005_6go6gq	369
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0008_2do2dq	370
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0021_2ds2dt	370
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0045_2do2dp2dr2ds	371
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0049_2do2dq2dr2dt	371
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0010_1ao1ct	372
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0011_1ao1bu	372
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0013_1cp1as	372
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0015_1cp1bu	372
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0016_1bq1as	372
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0017_1bq1ct	372
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0111_3do1cp1bq3ds	373

AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0126_3do3ds1ct1bu	373
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AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0144_3dr1ct1bu3dv	373
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0093_3do3dq1bu1av	374
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0101_3dp3dq1cs1av	374
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0112_3dq1cs3dt1bu	374
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0241_3do1cp1bq3dr3ds1	375
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AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0243_3do1cp1bq3ds1ct1	375
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0244_1cp1bq3dr3ds1ct1	375
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0206_9bo9bq9br3as3au3	376
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0209_9bp9bq9br3as3au3	376
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0212_9bq9br3as9bt3au3	376
AB-stacking	POSCAR_151t1k9_01_6c6c6c_0001_6co	377
AB-stacking	POSCAR_151t1k9_01_6c6c6c_0002_6cp	377
AB-stacking	POSCAR_151t1k9_01_6c6c6c_0003_6cq	377
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0057_2do2dp2dq2dr2ds	378
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0060_2do2dp2dr2ds2dt	378
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0178_3do3dq3dr1cs1av	379
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0186_3dp3dq3dr1cs1bu	379
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0197_3dq3dr3dt1bu1av	379
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0112_3do1cp1bq3dv	380
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0127_3do1ct1bu3dv	380
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0128_1cp1bq3dr3ds	380
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0143_3dr3ds1ct1bu	380
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0138_9bo9bp9bq3as	381
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0152_9bo9bq9bt3av	381
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0160_9bp9bq9bt3au	381
AB-stacking	POSCAR_146t2k3_03_3a3a3a9b_0004_3ao3ap	382
AB-stacking	POSCAR_146t2k3_03_3a3a3a9b_0005_3ao3aq	382
AB-stacking	POSCAR_146t2k3_03_3a3a3a9b_0006_3ap3aq	382
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0148_9bo9bq9br3au	383
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0158_9bp9bq9br3av	383
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0165_9bq9br3as9bt	383
AB-stacking	POSCAR_143t2k2_01_1b1c1b1c_0001_1bo	384
AB-stacking	POSCAR_143t2k2_01_1b1c1b1c_0002_1cp	384
AB-stacking	POSCAR_143t2k2_01_1b1c1b1c_0003_1bq	384
AB-stacking	POSCAR_143t2k2_01_1b1c1b1c_0004_1cr	384
AB-stacking	POSCAR_143t2k6_02_3d3d3d3d_0001_3do	384
AB-stacking	POSCAR_143t2k6_02_3d3d3d3d_0002_3dp	384
AB-stacking	POSCAR_143t2k6_02_3d3d3d3d_0003_3dq	384
AB-stacking	POSCAR_143t2k6_02_3d3d3d3d_0004_3dr	384
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0022_3dr	384

AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0023_3dv	384
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0024_1ao1cp1bq	384
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0043_1as1ct1bu	384
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0019_3do1cp	384
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0026_1bq3dr	384
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0031_3ds1ct	384
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0034_1bu3dv	384
AB-stacking	POSCAR_144t2k6_01_3a3a3a3a_0001_3ao	384
AB-stacking	POSCAR_144t2k6_01_3a3a3a3a_0002_3ap	384
AB-stacking	POSCAR_144t2k6_01_3a3a3a3a_0003_3aq	384
AB-stacking	POSCAR_144t2k6_01_3a3a3a3a_0004_3ar	384
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0022_9bo	384
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0023_9bs	384
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0024_3ap3aq3ar	384
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0043_3at3au3av	384
AB-stacking	POSCAR_146t2k6_03_9b9b9b9b_0001_9bo	384
AB-stacking	POSCAR_146t2k6_03_9b9b9b9b_0002_9bp	384
AB-stacking	POSCAR_146t2k6_03_9b9b9b9b_0003_9bq	384
AB-stacking	POSCAR_146t2k6_03_9b9b9b9b_0004_9br	384
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0090_3do3dp1bu1av	385
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0097_3do1cs3dt1bu	385
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0107_3dp1cs3dt1av	385
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0088_3do3dp1cs1bu	386
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0098_3do1cs3dt1av	386
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0108_3dp3dt1bu1av	386
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0046_9bo9bp9br9bt	387
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0048_9bo9bq9br9bs	387
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0054_9bp9bq9bs9bt	387
AB-stacking	POSCAR_150t1k4_01_2d2d2d2d_0002_2dp	388
AB-stacking	POSCAR_150t1k4_01_2d2d2d2d_0004_2dr	388
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0064_3do3dr1cs	389
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0074_3dp3dr1bu	389
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0087_3dr3dt1av	389
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0106_3do1cp1bq1ct1bu	390
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0107_1cp1bq3dr1ct1bu	390
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0108_1cp1bq3ds1ct1bu	390
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0109_1cp1bq1ct1bu3dv	390
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0027_3ap3aq3av	391
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0029_3ap3ar3au	391
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0031_3ap3at3au	391
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0034_3aq3ar3at	391
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0039_3aq3au3av	391
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0041_3ar3at3av	391

AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0121_9bo9bq9br	392
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0124_9bp9bq9br	392
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0127_9bq9br9bt	392
AB-stacking	POSCAR_143t2k7_02_1b3d3d3d3d1c_0001_1bo	393
AB-stacking	POSCAR_143t2k7_02_1b3d3d3d3d1c_0002_1ct	393
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0071_1ao1cp3dr	394
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0073_1ao1bq3dr	394
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0081_1cp1bq3dr	394
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0098_1as1ct3dv	394
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0099_1as1bu3dv	394
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0100_1ct1bu3dv	394
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0234_3do3dp3dr1cs3dt1	395
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0235_3do3dp3dr1cs3dt1	395
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0236_3do3dp3dr3dt1bu1	395
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0069_3do1bq1ct1bu	396
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0073_1cp1bq3ds1bu	396
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0074_1cp1bq1ct3dv	396
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0076_1cp3dr1ct1bu	396
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0158_1ao1cp1bq1as3dv	397
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0159_1ao1cp1bq1ct3dv	397
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0160_1ao1cp1bq1bu3dv	397
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0173_1ao3dr1as1ct1bu	397
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0181_1cp3dr1as1ct1bu	397
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0183_1bq3dr1as1ct1bu	397
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0042_2do2dp2dq2dr	398
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0051_2do2dr2ds2dt	398
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0130_9bo9br3as3au3av	399
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0133_9bp9br3as3au3av	399
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0137_9br3as9bt3au3av	399
AB-stacking	POSCAR_143t2k4_01_3d1c3d1b_0001_1cp	400
AB-stacking	POSCAR_143t2k4_01_3d1c3d1b_0002_1br	400
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0006_1cp1ct	400
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0009_1bq1bu	400
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0113_1ao1cp1as3dv	401
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0121_1ao1bq1bu3dv	401
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0122_1ao3dr1as1ct	401
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0132_1cp1bq1ct3dv	401
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0136_1cp3dr1ct1bu	401
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0141_1bq3dr1as1bu	401
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0245_3do1cp1bq3dr3ds3	402
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0250_3do3dr3ds1ct1bu3	402
AB-stacking	POSCAR_150t1k8_03_2d6g2d6g_0013_2do6gp6gr	402
AB-stacking	POSCAR_150t1k8_03_2d6g2d6g_0014_6gp2dq6gr	402

AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0060_3do3dp1av	403
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0068_3do3dt1bu	403
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0076_3dp1cs3dt	403
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0169_9bo9bp9bq3as3av	404
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0182_9bo9bq9bt3au3av	404
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0189_9bp9bq3as9bt3au	404
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0032_2dp2dq2dr	405
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0036_2dp2dr2dt	405
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0074_9bo3ap3au	406
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0079_9bo3aq3av	406
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0080_9bo3ar3at	406
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0089_3ap9bs3au	406
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0094_3aq9bs3av	406
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0095_3ar9bs3at	406
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0044_2do2dp2dq2dt	407
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0056_2dq2dr2ds2dt	407
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0047_2do2dp2ds2dt	408
AB-stacking	POSCAR_150t1k6_01_2d2d2d2d2d2d_0048_2do2dq2dr2ds	408
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0111_1ao1cp3dr1ct	409
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0116_1ao1bq3dr1as	409
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0126_1ao1as1bu3dv	409
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0130_1cp1bq3dr1bu	409
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0137_1cp1as1ct3dv	409
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0145_1bq1ct1bu3dv	409
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0043_2do2dp2dq2ds	410
AB-stacking	POSCAR_150t1k6_02_2d2d2d2d2d2d_0056_2dq2dr2ds2dt	410
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0230_9bo9bp9bq9br3au3	411
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0237_9bo9bq9br3as9bt3	411
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0241_9bp9bq9br3as9bt3	411
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0025_3ap3aq3at	412
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AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0037_3aq3at3au	412
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0042_3ar3au3av	412
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0019_9bq3as	413
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0020_9bq3au	413
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0021_9bq3av	413
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0023_3do3dp3dr	414
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0027_3do3dq3ds	414
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0029_3do3dr3ds	414
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0034_3dp3dq3dt	414
AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0036_3dp3dr3dt	414

AB-stacking	POSCAR_143t2k9_03_3d3d3d3d3d3d_0040_3dq3ds3dt	414
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0007_3ao3ap	415
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0008_3ao3aq	415
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0012_3ap3aq	415
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0019_3ar3as	415
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0020_3ar3at	415
AB-stacking	POSCAR_145t2k9_03_3a3a3a3a3a3a_0021_3as3at	415
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0061_3ap3aq3au3av	415
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0062_3ap3ar3at3au	415
AB-stacking	POSCAR_146t2k6_01_9b3a3a3a9b3a3a3a_0067_3aq3ar3at3av	415
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0044_1ao3dr	416
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0046_1cp3dr	416
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0048_1bq3dr	416
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0053_1as3dv	416
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0054_1ct3dv	416
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0055_1bu3dv	416
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0114_1ao1cp1ct3dv	417
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0119_1ao1bq1as3dv	417
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0123_1ao3dr1as1bu	417
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0133_1cp1bq1bu3dv	417
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0134_1cp3dr1as1ct	417
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0142_1bq3dr1ct1bu	417
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0229_3do3dp3dq3dr1cs1	418
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0239_3do3dq3dr3dt1bu1	418
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0240_3dp3dq3dr1cs3dt1	418
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0090_9bo9bp3au3av	419
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0097_9bo3as9bt3au	419
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0107_9bp3as9bt3av	419
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0015_1cp1bq1ct	420
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0016_1cp1bq1bu	420
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0017_1cp1ct1bu	420
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0018_1bq1ct1bu	420
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0023_1bo1cp1br	421
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0024_1bo1cp1cs	421
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0027_1bo1bq1cs	421
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0036_1cp1br1ct	421
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0039_1bq1br1ct	421
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0040_1bq1cs1ct	421
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0023_3do3dp3dr	421
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0024_3do3dp3ds	421
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0027_3do3dq3ds	421
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0036_3dp3dr3dt	421
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0039_3dq3dr3dt	421

AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0040_3dq3ds3dt	421
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0059_3do3dp1bu	422
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0067_3do1cs3dt	422
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0078_3dp3dt1av	422
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0014_3do1bu	423
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0018_3dp1av	423
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0025_1cs3dt	423
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0008_1bo1bq	424
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0009_1bo1br	424
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0014_1cp1cs	424
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0015_1cp1ct	424
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0016_1bq1br	424
AB-stacking	POSCAR_143t2k3_01_1b1c1b1b1c1c_0021_1cs1ct	424
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0008_3do3dq	424
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0009_3do3dr	424
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0014_3dp3ds	424
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0015_3dp3dt	424
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0016_3dq3dr	424
AB-stacking	POSCAR_143t2k9_02_3d3d3d3d3d3d_0021_3ds3dt	424
AB-stacking	POSCAR_150t1k4_03_2d2d2d2d_0012_2do2dp2dr	425
AB-stacking	POSCAR_150t1k4_03_2d2d2d2d_0014_2dp2dq2dr	425
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0053_9bo3as3au3av	426
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0054_9bp3as3au3av	426
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0057_3as9bt3au3av	426
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0057_9bo9bp9bq9br9bs	427
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0058_9bo9bp9bq9br9bt	427
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0059_9bo9bp9bq9bs9bt	427
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0060_9bo9bp9br9bs9bt	427
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0061_9bo9bq9br9bs9bt	427
AB-stacking	POSCAR_146t2k9_05_9b9b9b9b9b9b_0062_9bp9bq9br9bs9bt	427
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0252_9bo9bp9bq9br3as9	428
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0253_9bo9bp9bq9br3as9	428
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0254_9bo9bp9bq9br9bt3	428
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0228_3do3dp3dq3dr1cs1	429
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0238_3do3dq3dr1cs3dt1	429
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0242_3dp3dq3dr3dt1bu1	429
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0142_3do3dp3dr1bu	430
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0153_3do3dr1cs3dt	430
AB-stacking	POSCAR_143t2k9_05_3d3d3d3d1c3d1b1a_0164_3dp3dr3dt1av	430
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0199_3do1cp3dr3ds1ct	431
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0203_3do1cp3ds1ct3dv	431
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0208_3do1bq3dr1bu3dv	431
AB-stacking	POSCAR_143t2k8_01_3d1c1b3d3d1c1b3d_0218_1bq3dr3ds1bu3dv	431

AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0079_9bq9br3as	432
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0080_9bq9br3au	432
AB-stacking	POSCAR_146t2k9_02_9b9b9b9b3a9b3a3a_0081_9bq9br3av	432
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0075_1ao3dr1as	433
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0078_1ao1as3dv	433
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0084_1cp3dr1ct	433
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0087_1cp1ct3dv	433
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0091_1bq3dr1bu	433
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0094_1bq1bu3dv	433
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0110_1ao1cp3dr1as	434
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0118_1ao1bq3dr1bu	434
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0125_1ao1as1ct3dv	434
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0129_1cp1bq3dr1ct	434
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0139_1cp1ct1bu3dv	434
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0144_1bq1as1bu3dv	434
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0077_1ao3dr1bu	435
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0079_1ao1ct3dv	435
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0083_1cp3dr1as	435
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0088_1cp1bu3dv	435
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0090_1bq3dr1ct	435
AB-stacking	POSCAR_143t2k6_03_1a1c1b3d1a1c1b3d_0092_1bq1as3dv	435