

Gene identifier	Product name
Smp_000160	matrix remodeling associated protein 5
Smp_001210	myh9 protein
Smp_002810	fidgetin protein 1
Smp_002930	histone H2A
Smp_004060	cell division cycle 20
Smp_005860	heterogeneous nuclear ribonucleoprotein k
Smp_006320	KH domain containing
Smp_007000	DNA replication complex GINS protein PSF1
Smp_009030	ribonucleoside diphosphate reductase large
Smp_009040	POU domain
Smp_009600	serine:threonine protein kinase PLK1
Smp_012570	van gogh
Smp_015690	nAChR subunit (ShAR1 beta2)
Smp_016250	GTP binding protein (I) alpha 2 subunit gnai2
Smp_016870	protein regulator of cytokinesis 1
Smp_018010	cytospin a
Smp_018800	subfamily A1A unassigned peptidase (A01 family)
Smp_018930	hypothetical protein
Smp_019130	polyribonucleotide 5' hydroxyl kinase Clp1
Smp_019760	helicase polq
Smp_021590	Rac GTPase activating protein 1
Smp_023240	complement C1q tumor necrosis factor
Smp_024010	microsomal glutathione S transferase 1
Smp_024660	cell adhesion molecule
Smp_026030	DNA repair and recombination protein RAD54B
Smp_026670	transmembrane protein 26
Smp_027920	Tubulin alpha 1 chain
Smp_028050	hypothetical protein
Smp_028550	helicase ski2w
Smp_032490	tropomyosin
Smp_032500	DNA replication licensing factor MCM7
Smp_033700	deoxyribodipyrimidine photo lyase
Smp_037590	dna replication licensing factor mcm3
Smp_039340	hypothetical protein
Smp_040020	histone H3
Smp_040350	DNA binding protein RFX7
Smp_040990	Ribonuclease H2 subunit C
Smp_041210	hypothetical protein
Smp_042810	chromosome transmission fidelity protein 18
Smp_043100	Heterogeneous nuclear ribonucleoprotein A1
Smp_045470	prospero homeobox protein 2
Smp_046280	actin binding protein anillin
Smp_046500	proliferating cell nuclear antigen

Smp_046910	DNA polymerase epsilon subunit 4
Smp_047330	hypothetical protein
Smp_047610	cell division control protein 45
Smp_047620	G2:mitotic specific cyclin B3
Smp_048660	nucleolar protein 56
Smp_050380	mitogen activated protein kinase kinase kinase
Smp_051130	ergs ets transcription factor; ergl ets transcription factor
Smp_052390	origin recognition complex subunit 5
Smp_053950	heterogeneous nuclear
Smp_054610	WD repeat and HMG box DNA binding protein 1
Smp_054840	DNA replication licensing factor MCM2
Smp_055240	cadherin
Smp_055310	histone lysine n methyltransferase setd8
Smp_055500	DNA polymerase theta
Smp_055890	ribonucleoside diphosphate reductase subunit M2
Smp_056360	p30 dbc protein
Smp_056370	deoxyhypusine hydroxylase:monooxygenase
Smp_058670	procollagen galactosyltransferase 1
Smp_058850	hypothetical protein
Smp_060220	lipopolysaccharide induced tumor necrosis
Smp_062080	serine protease inhibitors serpins
Smp_062490	heart and neural crest derivatives expressed
Smp_063030	hypothetical protein
Smp_063680	hypothetical protein
Smp_065150	N acetyltransferase ESCO2
Smp_067260	dna polymerase alpha subunit b
Smp_067520	jun protein
Smp_068920	centromere:microtubule binding protein cbf5
Smp_069600	ATP dependent DNA helicase Q4
Smp_071890	hypothetical protein
Smp_072560	hypothetical protein
Smp_073050	hypothetical protein
Smp_073300	Chaperone protein DnaJ 1
Smp_074080	serine:threonine protein kinase NLK
Smp_074610	histone H3
Smp_075110	cell cycle checkpoint protein rad1
Smp_076600	transcription factor SOX 14
Smp_077180	serine:threonine protein kinase Chk1
Smp_077720	annexin B2
Smp_077860	actin
Smp_078060	hypothetical protein
Smp_078920	condensin complex subunit 3
Smp_079050	DNA primase large subunit
Smp_079560	DNA replication licensing factor MCM2
Smp_080730	cyclin dependent kinase 1

Smp_082370	NAD(P) transhydrogenase
Smp_082490	G2:mitotic specific cyclin B2
Smp_083710	Fanconi anemia
Smp_083730	hypothetical protein
Smp_086220	hypothetical protein
Smp_086860	histone H2A
Smp_087310	hypothetical protein
Smp_090340	hypothetical protein
Smp_090520	purine nucleoside phosphorylase
Smp_093980	hypothetical protein
Smp_094140	DNA replication licensing factor MCM6
Smp_097750	cold shock domain protein A
Smp_098300	hypothetical protein
Smp_099640	p2X purinoceptor 4
Smp_099670	lipoprotein receptor
Smp_100030	ribosome biogenesis protein BMS1
Smp_100090	high mobility group protein B1
Smp_101820	lupus la ribonucleoprotein
Smp_105340	cyclic nucleotide gated cation channel alpha 3
Smp_106040	Structure specific endonuclease SLX1
Smp_108390	histone H2B
Smp_108600	hypothetical protein
Smp_109320	WDFY family
Smp_110480	WDFY family
Smp_113760	anti-inflammatory protein 16
Smp_118240	hypothetical protein
Smp_119140	hypothetical protein
Smp_122060	hypothetical protein
Smp_122980	KLHL5 protein
Smp_123350	galanin receptor type 2
Smp_124060	venom allergen-like (VAL) 13 protein
Smp_124120	dna polymerase epsilon subunit 2
Smp_124230	dna repair protein rad51 1
Smp_124280	hypothetical protein
Smp_124300	Lamin B receptor (ERG24)
Smp_124600	hypothetical protein
Smp_124640	intron binding protein aquarius
Smp_124800	hypothetical protein
Smp_125040	Epa2p protein
Smp_125760	denticleless protein
Smp_126050	protocadherin fat 4
Smp_127070	origin recognition complex subunit
Smp_127490	blooms syndrome DNA helicase
Smp_127670	hypothetical protein
Smp_128160	CST complex subunit STN1

Smp_128200	kinesin protein kif23
Smp_128210	claspin protein
Smp_128580	pikachurin
Smp_128870	nibrin
Smp_128930	spectrin beta chain
Smp_128940	metabotropic glutamate receptor
Smp_129410	hypothetical protein
Smp_129530	protocadherin gamma A5
Smp_129710	Uveal autoantigen with coiled coil domains
Smp_129840	hypothetical protein
Smp_130740	chromosome transmission fidelity protein 8
Smp_130760	Mediator of DNA damage checkpoint protein 1
Smp_131780	CUG BP and ETR3 factor
Smp_132510	breast cancer type 1 susceptibility protein
Smp_132610	hypothetical protein
Smp_132780	hypothetical protein
Smp_132950	hypothetical protein
Smp_133660	protein lin 9
Smp_133990	DNA topoisomerase 2 binding protein 1
Smp_134570	hypothetical protein
Smp_135060	bolus pemphigoid antigen
Smp_135110	AT rich interactive domain containing protein
Smp_135360	serine:threonine protein kinase 12 B
Smp_135630	protocadherin gamma a10
Smp_135650	hypothetical protein
Smp_135730	protocadherin alpha 7
Smp_135900	DNA double strand break repair rad50 ATPase
Smp_136070	tyrosine protein kinase transmembrane receptor
Smp_136130	protein PTHB1
Smp_136160	hypothetical protein
Smp_136970	structural maintenance of chromosomes protein
Smp_137090	BRCA1 associated RING domain protein 1
Smp_137200	chondroitin sulfate proteoglycan 4
Smp_137330	serine dehydratase
Smp_137390	histone RNA hairpin binding protein
Smp_137490	PDZ domain protein
Smp_137660	kinesin protein KIF20A
Smp_137780	sister chromatid cohesion protein PDS5
Smp_137790	sister chromatid cohesion protein PDS5
Smp_139200	nuclear receptor subfamily 4 group A member
Smp_139210	hypothetical protein
Smp_139530	cellular tumor antigen P53
Smp_139620	hypothetical protein
Smp_139710	daz interacting protein 1
Smp_139770	hypothetical protein

Smp_140040 Ca(2+):calmodulin responsive adenylate cyclase
Smp_140240 hypothetical protein
Smp_140250 G protein coupled receptor fragment
Smp_140660 centrosomal protein of 135 kda
Smp_140780 hypothetical protein
epidermal growth factor receptor pathway; epidermal growth factor receptor
Smp_141030 kinase
Smp_141160 E3 ubiquitin protein ligase RNF168
Smp_141380 serine:threonine protein kinase VRK1
Smp_141430 hypothetical protein
Smp_141540 Thymidine kinase 2
Smp_141710 kinetochore associated protein 1
Smp_142120 achaete scute transcription factor
Smp_142130 coiled coil domain containing protein 81
Smp_142940 paired box protein pax
Smp_143460 disks large associated protein 5
Smp_143490 DNA replication licensing factor MCM5
Smp_144160 hypothetical protein
Smp_144210 death associated protein kinase 1
Smp_144390 activin A receptor
Smp_144590 ras gtpase activating protein
Smp_144620 regulator of G protein signaling 3
Smp_144750 hypothetical protein
Smp_144960 FTS and Hook interacting protein
Smp_145410 STARP antigen
Smp_146160 Fanconi anemia group D2 protein
Smp_147230 ATP dependent DNA helicase PIF1
Smp_147890 Rootletin
Smp_148420 coiled coil domain containing 88A
Smp_148430 hook protein
Smp_148590 hypothetical protein
Smp_148990 Nucleolar protein 5
Smp_149070 Nucleolar protein 6
Smp_149120 insect origin recognition complex subunit
Smp_149260 kinesin family 1
Smp_149490 hypothetical protein
Smp_150750 centrosomal protein 110 kDa
Smp_150970 RAB6 interacting protein 2 (ERC protein 1)
Smp_151320 targeting protein for Xklp2
Smp_151560 dna replication licensing factor mcm9
Smp_151680 hypothetical protein
Smp_152670 crossover junction endonuclease EME1
Smp_152890 hypothetical protein
Smp_153030 solute carrier family 35 member f4
Smp_153520 protein ect2

Smp_153660	G1:S specific cyclin D2
Smp_154080	hypothetical protein
Smp_154090	protein of unknown function DUF729
Smp_154640	SWI:SNF matrix associated
Smp_154940	hypothetical protein
Smp_155120	GTPase Activating protein family member (gap 2)
Smp_155390	hypothetical protein
Smp_155500	DNA polymerase theta
Smp_155580	annexin
Smp_155970	Two pore potassium channel protein sup 9
Smp_156750	hypothetical protein
Smp_156970	cadherin
Smp_157180	hypothetical protein
Smp_157190	hypothetical protein
Smp_157300	basic fibroblast growth factor receptor 1 A
Smp_157400	family M13 unassigned peptidase (M13 family)
Smp_157570	hypothetical protein
Smp_158930	hypothetical protein
Smp_158950	serine:threonine protein kinase haspin
Smp_159450	anosmin 1
Smp_159560	GATA binding factor 2
Smp_159950	neuropeptide Y prohormone 1
Smp_160010	hypothetical protein
Smp_160630	DNA repair protein RAD51 3
Smp_161070	hypothetical protein
Smp_161310	IQ domain containing protein D
Smp_161520	protocadherin 9
Smp_161820	hypothetical protein
Smp_161860	run domain Beclin 1 interacting and cystein rich
Smp_162340	serine:threonine protein kinase ATR
Smp_162370	histone H1 gamma
Smp_162520	protocadherin fat 4
Smp_162550	protocadherin alpha 7
Smp_162710	serine:threonine protein kinase 6
Smp_163040	nuclear pore complex protein Nup205
Smp_163340	protein timeless
Smp_164040	hypothetical protein
Smp_164560	hypothetical protein
Smp_165530	rho GTPase activating protein 20
Smp_166020	hypothetical protein
Smp_166150	maternal embryonic leucine zipper kinase
Smp_166820	hypothetical protein
Smp_167200	ATPase family AAA domain containing protein 3 B
Smp_167270	hypothetical protein
Smp_167280	hypothetical protein

Smp_167320	serine threonine rich antigen
Smp_167460	hypothetical protein
Smp_167470	protocadherin fat 4
Smp_167540	dna replication factor cdt1
Smp_167810	family C50 non peptidase ue (C50 family)
Smp_167940	wee1 protein kinase 2
Smp_168400	mis12
Smp_168570	colorectal mutant cancer protein
Smp_168620	ataxin 1
Smp_168870	Rootletin
Smp_169050	solute carrier family 43
Smp_169120	DNA mismatch repair protein MSH2
Smp_169320	protein phosphatase 1g
Smp_169360	kinesin protein kif26a
Smp_169410	hypothetical protein
Smp_169890	hypothetical protein
Smp_169970	kinetochore protein ndc80
Smp_170690	proline oxidase
Smp_171000	hypothetical protein
Smp_171130	glial cells missing
Smp_171710	structural maintenance of chromosomes protein 2
Smp_172200	tyrosine protein kinase Fyn
Smp_172210	leucine rich repeat and coiled coil
Smp_172480	Krueppel factor 10 like
Smp_172530	DNA replication licensing factor MCM4
Smp_172610	hypothetical protein
Smp_172700	cyclin dependent kinase 6
Smp_173450	chromosome associated kinesin KIF4A
Smp_173820	equilibrative nucleoside transporter
Smp_174710	mitotic spindle assembly checkpoint protein
Smp_174820	hypothetical protein
Smp_174910	importin subunit alpha 2
Smp_175300	hypothetical protein
Smp_175410	zinc finger protein 398
Smp_175490	sister chromatid cohesion protein PDS5
Smp_175860	hypothetical protein
Smp_176000	abnormal spindle microcephaly associated
Smp_176010	cytoskeleton associated protein 5
Smp_176240	hypothetical protein
Smp_176260	hypothetical protein
Smp_176430	pleckstrin y domain containing family G
Smp_176490	hypothetical protein
Smp_176780	hypothetical protein
Smp_178050	hypothetical protein
Smp_178260	DNA polymerase alpha catalytic subunit

Smp_178740	protein lin 54
Smp_179320	argonaute 2-1
Smp_179380	hypothetical protein
Smp_179650	chromobox protein
Smp_180190	hypothetical protein
Smp_180890	Rho GTPase activating protein 19
Smp_181870	dna replication licensing factor mcm8
Smp_182890	hypothetical protein
Smp_187030	hypothetical protein
Smp_187190	innexin unc 9
Smp_193330	kinesin II 85 kDa subunit
Smp_193360	Fanconi anemia group I protein
Smp_193460	hypothetical protein
Smp_193580	hypothetical protein
Smp_194040	hypothetical protein
Smp_194530	adenylate kinase isoenzyme 5
Smp_194820	dna repair and recombination protein rad54
Smp_197070	kinesin protein KIF6
Smp_197640	sodium leak channel non selective protein
Smp_199050	hypothetical protein
Smp_199070	DNA mismatch repair protein MSH2
Smp_199150	rho guanine nucleotide exchange factor 3
Smp_199870	hypothetical protein
Smp_201150	Equilibrative nucleoside transporter 1
Smp_201840	hypothetical protein
Smp_201900	hypothetical protein
Smp_202400	hypothetical protein
Smp_202880	iroquois class homeodomain protein IRX 4
Smp_203620	hypothetical protein
Smp_203630	hypothetical protein
Smp_203660	hypothetical protein
Smp_204450	cadherin tumor suppressor
Smp_205320	hypothetical protein
Smp_205630	hypothetical protein
Smp_205690	hypothetical protein
Smp_206190	complement C1q tumor necrosis factor
Smp_210110	mitotic checkpoint serine:threonine protein
Smp_212030	hypothetical protein
Smp_212760	kinesin
Smp_213290	hypothetical protein
Smp_213410	microcephalin-like
Smp_213940	gamma-tubulin complex
Smp_213950	citron Rho interacting kinase
Smp_241480	hypothetical protein