

Name of samples in manual mutation accumulation experiments of heterozygous diploid polymerase mutant strains

Set 1 - wt, pol2-4, pol2 S312F, pol2 P301R, pol2 V426L
manual propagation, single colony bottleneck, het diploids, 26 passages,
Temp: 25C, medium: YPA + Gluc

SD0821	pol2 wt
SD0822	pol2-4
SD0823	pol2 S312F
SD0824	pol2 P301R
SD0825	pol2 V426L

Set 2 - wt, pol2-4, pol2 L439V, pol2 M459K, pol2 A480V
manual propagation, single colony bottleneck, het diploids, 26 passages,
Temp: 25C, medium: YPA + Gluc

SD0826	pol2 wt
SD0827	pol2-4
SD0828	pol2 L439V
SD0829	pol2 M459K
SD0830	pol2 A480V

Set 3 - wt, pol2-4, pol2 D290V, pol2 Q486R, pol3 S483N
manual propagation, single colony bottleneck, het diploids, 26 passages,
Temp: 25C, medium: YPA + Gluc

SD0836	pol2 wt
SD0837	pol2-4
SD0838	pol2 D290V
SD0839	pol2 Q468R
SD0840	pol3 S483N

Set 4 – wt, pol3-01, pol3 P322L, pol3 R316C, pol3 S375R
manual propagation, single colony bottleneck, het diploids, 26 passages,
Temp: 25C, medium: YPA + Gluc

SD5628	pol3 wt
SD5629	pol3-4
SD5630	pol3 P322L
SD5631	pol3 R316C
SD5632	pol3 S375R

Name of samples used in the manual mutation accumulation experiments of haploid polymerase mutant strains and double mutants with rev3 deficiency

(FAIAT refers to the two mutations present in the pol2-4 strain)

1	SD5595	YMH8 W303 mat a Pol2 wt
2	SD5596	YMH28 W303 mat a pol2-4

3	SD5597	YMH42	W303 mat a rev3 delta
4	SD5598	YMH26	W303 mat a pol2 A480V
5	SD5599	YMH22	W303 mat a pol2 M459K
6	SD5600	YMH18	W303 mat a pol2 P301R
7	SD5601	YMH16	W303 mat a pol2 S312F
8	SD5602	YMH58	W303 mat a pol2 A480V FAIAT
9	SD5603	YMH60	W303 mat a pol2 M459K FAIAT
10	SD5604	YMH62	W303 mat a pol2 P301R FAIAT
11	SD5605	YMH64	W303 mat a pol2 S312F FAIAT
12	SD5606	YMH43	W303 mat a pol2 A480V rev3 delta
14	SD5608	YMH45	W303 mat a pol2 P301R rev3 delta
15	SD5609	YMH46	W303 mat a pol2 S312F rev3 delta