

A	Nucleotide differences		
	between the parental strains	Synonymous mutations	Nonsynonymous mutations
<i>MDS3</i>	5	1	4
<i>GCN1</i>	4	2	2
<i>ARG81</i>	4	1	3
<i>BIO3</i>	1	0	1

B	Impact of nonsynonymous mutations										
	Strain	MDS3				GCN1		ARG81			BIO3
		8	99	367	969	561	963	522	589	608	380
<i>S. cerevisiae</i>	1782-B1	A	N	D	T	E	A	A	L	H	F
	2029-C5	T	S	N	I	D	T	P	P	Q	S
	RM11.1a	A	S	D	T	E	A	A	L	Q	F
	S288C	T	S	D	T	E	T	A	P	Q	S
Non <i>S. cerevisiae</i>	<i>S. paradoxus</i>	T	S	D	T	E	A	A	P	E	L