

gen_sp	M	Q	K	K	T	A	I	A	–	I	A	A	G	T	A	I	A	T	V	A	A	G	–	–	–	–	T	Q	A
nat_sp0	–	M	Q	K	K	V	I	A	A	I	I	G	T	S	A	I	S	A	V	A	A	T	–	–	–	Q	A	N	A
nat_sp1	–	M	K	K	T	A	I	A	I	A	V	A	L	A	G	F	A	T	V	A	Q	A	–	–	–	–	–	–	–
nat_sp2	–	M	K	K	T	A	I	A	I	T	V	A	L	A	G	F	A	T	V	A	Q	A	–	–	–	–	–	–	–
nat_sp3	–	M	K	K	T	A	I	A	L	A	V	A	L	A	G	F	A	T	V	A	Q	A	–	–	–	–	–	–	–
nat_sp4	–	M	K	K	T	A	I	A	L	A	V	A	L	V	G	F	A	T	V	A	Q	A	–	–	–	–	–	–	–
nat_sp5	–	M	K	K	T	A	I	A	L	V	V	A	G	L	A	A	A	S	V	A	Q	A	–	–	–	–	–	–	–
nat_sp6	–	M	K	K	I	A	T	A	–	T	I	A	T	A	G	I	A	T	F	A	F	A	H	–	H	D	A	Q	A
nat_sp7	–	M	Q	K	K	Y	I	T	A	I	I	G	T	T	A	L	S	A	L	A	S	T	–	–	–	H	A	Q	A
nat_sp8	–	M	K	K	T	L	L	A	T	A	I	A	G	A	M	A	A	S	G	A	Q	A	–	–	–	–	–	–	–
nat_sp9	–	M	K	K	I	A	T	A	–	T	I	A	T	A	G	F	A	T	I	A	I	A	S	G	N	Q	A	H	A
					5					10					15					20						25			