gen_sp	–	–	–	–	–	M	T	K	L	L	A	V	I	A	A	S	L	M	F	A	A	S	T	–	–	–	–	–	F	A
nat_sp0	–	–	–	M	R	K	S	L	L	A	I	L	A	V	S	S	L	V	F	S	S	A	–	–	–	–	S	F	A
nat_sp1	–	–	–	–	M	K	L	L	A	I	I	S	A	S	L	A	L	A	G	F	T	–	–	–	–	–	T	A
nat_sp2	–	–	–	M	K	K	Q	L	L	S	A	L	I	G	A	S	L	L	A	P	M	A	–	–	–	A	S	A
nat_sp3	M	K	T	T	V	T	K	L	L	A	T	V	A	A	S	T	I	F	G	M	S	T	L	P	A	F	A
nat_sp4	–	–	M	R	T	L	K	S	L	V	I	V	S	A	A	L	L	P	F	S	A	T	–	–	–	A	F	A
nat_sp5	–	–	–	–	–	–	M	K	L	S	L	S	V	A	L	S	L	A	A	S	T	–	–	–	A	Q	A
nat_sp6	–	–	–	M	K	K	T	L	L	I	A	A	S	L	S	F	F	S	A	–	–	–	A	L	A
nat_sp7	–	–	–	M	K	R	L	S	I	A	I	T	S	L	L	M	A	A	S	A	S	–	–	T	I	A
nat_sp8	–	–	–	M	K	K	T	L	L	A	V	A	I	G	G	A	M	F	A	T	S	–	–	–	A	A	A
nat_sp9	–	–	–	–	M	K	N	L	L	K	L	S	A	I	A	I	L	A	A	S	A	V	S	–	–	T	F	A