

Model	Features	Encoding	s	reg_lambda	max_depth	learning_rate	C
XGB	kmers			2.34	5	0.0899	
XGB	RA kmers	BLOSUM62	14	7.29	3	0.0206	
XGB	RA kmers	Atchley	12	36.7	4	0.0121	
XGB	kmer clusters	BLOSUM62		39.5	5	0.0686	
XGB	kmer clusters	Atchley		7.18	10	0.0719	
L1LR	kmers						0.783
L1LR	RA kmers	BLOSUM62	14				0.0897
L1LR	RA kmers	Atchley	18				0.0586
L1LR	kmer clusters	BLOSUM62					0.106
L1LR	kmer clusters	Atchley					0.405