

SUPPLEMENTARY DATA

Supplementary Table 1: Function matching table for effects present only in SnpEff and how they were categorized using SeattleSeq for denovo-db.

SnpEff effect	SeattleSeq Annotation effect
CODON_CHANGE_PLUS_CODON_DELETION	codingComplex
CODON_CHANGE_PLUS_CODON_INSERTION	codingComplex
CODON_DELETION	codingComplex
CODON_INSERTION	codingComplex
EXON	coding
FRAME_SHIFT	frameshift
INTRON	intron
NON_SYNONYMOUS_CODING	missense
NON_SYNONYMOUS_START	missense
SPLICE_SITE_ACCEPTOR	splice-acceptor
SPLICE_SITE_DONOR	splice-donor
SPLICE_SITE_REGION	intron-near-splice
START_GAINED	coding unknown
START_LOST	coding unknown
STOP_GAINED	stop-gained
STOP_LOST	stop-lost
SYNONYMOUS_CODING	synonymous
SYNONYMOUS_STOP	synonymous
UTR_3_PRIME	3-prime-UTR
UTR_5_PRIME	5-prime-UTR
NONE	