

Supplementary Table4. SNP annotation						
Type	Number	Percentage				
exonic total	238323	0.69				
synonymous SNV	131946	0.38				
nonsynonymous SNV	95484	0.28				
stopgain	1235	0				
stoploss	197	0				
unknown	9461	0.03				
splicing	788	0				
ncRNA total	6434	0.02				
ncRNA_exonic	3021	0.01				
ncRNA_splicing	6	0				
ncRNA_exonic;splicing	0	0				
ncRNA_intronic	3407	0.01				
intronic	12286032	35.54				
intergenic	21289559	61.59				
UTR5	102440	0.3				
UTR3	220607	0.63				
UTR5;UTR3	391	0				
upstream	204148	0.59				
downstream	212755	0.62				
upstream;downstream	6420	0.02				
Total	34567897	100				