

Supplementary Table 4. Number of genes affected by SNP mutation.

Type	Number
Stop-gained	4,858
Stop-lost	3,249
Splice-site-acceptor	897
Splice-site-donor	642
Start-lost	385
Non-synonymous-coding	24968
Synonymous-coding	22,546
Start-gained	2,645
Synonymous-stop	1,230
Non-synonymous-start	70
Upstream	37,289
Downstream	37,529
Intron	26,227
UTR-3-prime	10,986
UTR-5-prime	9,046