

**Table S11: Summary of genic mutational variants found in GS115**

	<b>GS115 to WT</b>	<b>WT to GS115</b>	<b>Reciprocal mutations with impact on protein sequence</b>
Insertions	5	4	0
Deletions	25	18	0
Synonymous coding	23	43	N/A
Non-synonymous coding	38	63	32
Start gained	1	0	0
Start lost	1	0	0
Stop gained	1	1	1
Stop lost	1	1	1
5' UTR	2	3	0
3' UTR	7	11	1