

Supplementary Table S1. Prediction of SNPs effects on the stability of mutated protein obtained by I-MUTANT 2.0

DDG < 0: Decrease Stability; DDG > 0: Increase Stability [89].

LRR Domain SNPs	I-mutant		
	Stability (SVM2)	RI	DDG- (kcal/mol)
A725G	Decreased	7	-1.23
A755V	Decreased	3	-0.23
R760C	Decreased	6	-0.79
E778K	Decreased	7	-0.96
R790W	Decreased	6	-0.2
V793M	Decreased	7	-1.27
E843K	Decreased	6	-0.36
N852S	Decreased	4	-0.11
M863V	Decreased	7	-0.77
A885T	Stabilize	8	0.76
G908R	Decreased	6	-1.23
G924D	Decreased	4	-0.78
P268S	Decreased	8	-1.48

RI: Reliability Index: $0 < RI < 10$. Calculations with relatively high **reliability indices** will be expected to perform well.