

## INI Phenotype Summary

Mutation Patterns	Number of Sequences	RAL Fold <sub>(n)</sub>	EVG Fold <sub>(n)</sub>	DTG Fold <sub>(n)</sub>
None	15031	1 <sub>(567)</sub>	1.3 <sub>(562)</sub>	1 <sub>(44)</sub>
155H	257	18 <sub>(25)</sub>	45 <sub>(19)</sub>	1.8 <sub>(8)</sub>
140S,148H	199	139 <sub>(18)</sub>	150 <sub>(9)</sub>	3 <sub>(7)</sub>
143R	67	70 <sub>(19)</sub>	6.2 <sub>(14)</sub>	1 <sub>(5)</sub>
92Q	35	4.5 <sub>(19)</sub>	36 <sub>(17)</sub>	1.4 <sub>(4)</sub>
143C	31	15 <sub>(17)</sub>	2.8 <sub>(14)</sub>	0.8 <sub>(3)</sub>
138K	27	0.9 <sub>(3)</sub>	0.7 <sub>(3)</sub>	0.9 <sub>(1)</sub>
92Q,155H	22	105 <sub>(7)</sub>	125 <sub>(3)</sub>	2 <sub>(3)</sub>
138A,140S,148H	21			
140S,148R	20	119 <sub>(4)</sub>		4 <sub>(2)</sub>
263K	19	1.2 <sub>(4)</sub>	4.8 <sub>(4)</sub>	2 <sub>(3)</sub>
138K,140S,148H	15			
148R	15	30 <sub>(10)</sub>	101 <sub>(6)</sub>	1.1 <sub>(4)</sub>
138K,147G,148R	11	34 <sub>(2)</sub>	165 <sub>(2)</sub>	
138K,148R	10	75 <sub>(3)</sub>		3.5 <sub>(2)</sub>
143C,155H	10			
66A	9	0.9 <sub>(2)</sub>	7.6 <sub>(2)</sub>	0.3 <sub>(2)</sub>
66I	9	1 <sub>(5)</sub>	15 <sub>(5)</sub>	0.3 <sub>(2)</sub>
140A,148R	9	150 <sub>(1)</sub>		
143H	8	5.5 <sub>(14)</sub>	2.5 <sub>(14)</sub>	0.9 <sub>(2)</sub>
147G	8	1.1 <sub>(6)</sub>	8 <sub>(7)</sub>	1 <sub>(2)</sub>
138A	6	1.1 <sub>(1)</sub>	1.3 <sub>(1)</sub>	0.9 <sub>(1)</sub>
140S	5	1.6 <sub>(3)</sub>	5 <sub>(3)</sub>	0.8 <sub>(1)</sub>
92Q,140S,148K,155H	5			
140S,143H,148H	4			
143H,155H	4			
138K,140C,148R	4			
140S,148H,155H	4			
121Y	4	6.1 <sub>(2)</sub>	13 <sub>(2)</sub>	0.6 <sub>(1)</sub>
143R,155H	3			