

Supplemental Table 1: Strain/Mutagen Summary

Treatment	Strains	SNVs	Insertions/Deletions	Large Copy-Number Duplications/Deletions
EMS 50 mM	656	236,788	1,433 / 3,173	228 / 89
EMS 25 mM	81	16,183	137 / 236	16 / 4
ENU 1 mM	260	65,964	552 / 1,548	127 / 72
EMS 50 mM ENU 1 mM	943	495,310	2,351 / 5,669	503 / 197
EMS 25 mM ENU 0.5 mM	57	18,169	105 / 258	16 / 8
TMP 10 ug/ml	10	426	22 / 69	5 / 3
Mutagenized Strains	2,007	826,810	4,461 / 10,420	880 / 342
Wild Isolates*	40	630,541	90,137 / 131,867	1,307 / 1,961
Total	2,047	1,452,126	93,974 / 139,928	2,170 / 2,265