Supporting Table I

In vivo mismatch repair activity of MutS variants

Variant	In vivo activity		
	Median[a]	Average[b]	n[c]
Vector (*mutS* null)	267	290 (243-338)	27
MutS[wt]	2.5	4.1 (2.1-6.2)	16
MutS[CF]	3	5.6 (3.0-8.3)	31
MutS[CF/D835R]	19.5	24 (18-30)	23
MutS800[CF]	30	49 (26-73)	23
MutS-CTD	223	244 (157-331)	11

For *in vivo* activity *rpoB* mutation assay was used (see Materials and Methods for details).
[a] Median number of rifampicin-resistant clones that arise by spontaneous mutation.
[b] average number of rifampicin-resistant clones (95 % confidence limits in parenthesis).
[c] number of independent cultures