

Table S5. Sequencing of the *hsvtk* regions of the counter-selection escapees arose from dP sensitive strain MG1655 Δ *lacZ::hsvTK-km'*.

dP sensitive clone was cultured overnight and plated on dP-selection plate from which nine clones were picked, and sequenced their *hsvtk* coding regions.

Clone number	Nucleoside substitution	Amino Acid substitution
1	T865C	F289L
2	A472C	T158P
3	A472C	T158P
4	⁸⁶⁵ TTCACCCTG --> ⁸⁶⁵ TTCACCCTG - TTCACCCTG	²⁸⁹ FTL --> ²⁸⁹ FTL-FTL
5	A196C	T66P
6	A164C	D55A
7	⁸⁶⁵ TTCACCCTG --> ⁸⁶⁵ TTCACCCTG - TTCACCCTG	²⁸⁹ FTL --> ²⁸⁹ FTL-FTL
8	A683C	D228A
9	A196C	T66P