

**Table S1:**

<b>Experiment No.</b>	<b>No. of Rif<sup>R</sup> colonies obtained in LB+Rif Agar Plates</b>	<b>No. of Lac<sup>-</sup> colonies among Rif<sup>R</sup> mutants</b>	<b>No. of MMS<sup>R</sup> colonies among Rif<sup>R</sup> mutants*</b>
1.	40	1	1
2.	18	0	0
3.	84	1	0
4.	63	0	0
5.	70	2	0
6.	10	1	0
7.	17	2	0
8.	11	1	0
9.	21	0	0
10.	33	3	0
	Total	11/367	1/367

\* Since genetic analyses revealed that in the only one Rif<sup>R</sup> MMS<sup>R</sup> isolate obtained, the *rif* mutation does not play any role in eliciting the MMS<sup>R</sup> phenotype, this aspect was not studied further (see text for more details).

**Table S2:**

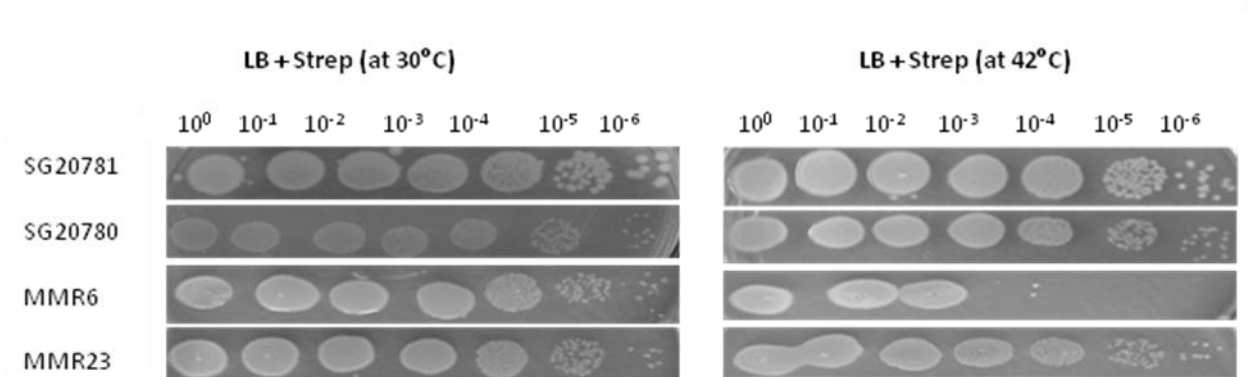
Donor	Recipient*	Selected Marker	Percentage Distribution of (unselected phenotype) Cps::Lac <sup>+/-</sup> Rif <sup>R/S</sup> phenotype			
			Rif <sup>R</sup> Lac <sup>+</sup>	Rif <sup>R</sup> Lac <sup>-</sup>	Rif <sup>S</sup> Lac <sup>+</sup>	Rif <sup>S</sup> Lac <sup>-</sup>
P1/CAG18618	#1	<i>thiC3178::Tn10kan</i>	0 (0/88)	20 (18/88)	80 (70/88)	0 (0/88)
P1/CAG18618	#2	<i>thiC3178::Tn10kan</i>	0 (0/48)	17 (08/48)	83 (40/48)	0 (0/48)
P1/CAG18618	#5	<i>thiC3178::Tn10kan</i>	0 (0/85)	18 (15/85)	82 (70/85)	0 (0/85)
P1/CAG18618	#6	<i>thiC3178::Tn10kan</i>	0 (0/86)	29 (25/86)	71 (61/86)	0 (0/86)
P1/CAG18618	#21	<i>thiC3178::Tn10kan</i>	0 (0/56)	11 (06/56)	89 (50/56)	0 (0/56)
P1/CAG18618	#22	<i>thiC3178::Tn10kan</i>	0 (0/52)	23 (12/52)	77 (40/52)	0 (0/52)
P1/CAG18618	#23	<i>thiC3178::Tn10kan</i>	0 (0/87)	21 (18/87)	79 (69/87)	0 (0/87)
P1/CAG18618	#24	<i>thiC3178::Tn10kan</i>	0 (0/56)	27 (15/56)	73 (41/56)	0 (0/56)

P1/CAG18618	#25	<i>thiC3178::Tn10kan</i>	0 (0/65)	18 (12/65)	82 (53/65)	0 (0/65)
P1/CAG18618	#26	<i>thiC3178::Tn10kan</i>	0 (0/75)	29 (22/75)	71 (53/75)	0 (0/75)
P1/CAG18618	#210	<i>thiC3178::Tn10kan</i>	0 (0/52)	17 (09/52)	83 (43/52)	0 (0/52)

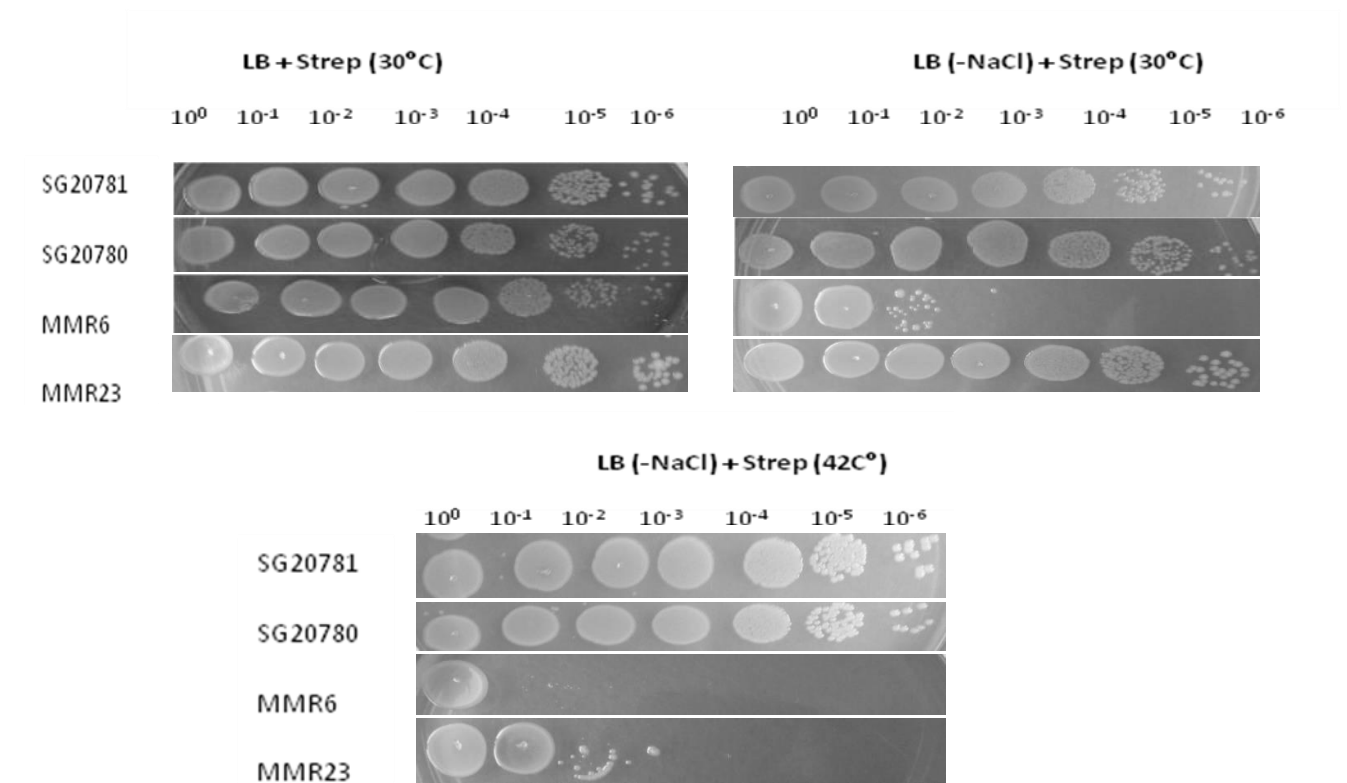
\* Denotes the Rif<sup>R</sup> isolates of SG20780 (*Alon cps::lac*)

**Figure S1**

**(A)**



**(B)**



(C)

