

**TABLE S6. Results of the statistical analysis of surface staining ( $F_M$ , arbitrary units). The mean and SEM values are shown in Figure 4. SD = standard deviation, SEM = standard error of the mean, CV = coefficient of variation.**

$E_M$

	Mean	SD	SEM	Median	CV	n
EGFP	0.84	1.57	0.28	0.30	1.9	31
Wild-Type	100	69.7	11.46	85.3	0.7	37
R1049C	110.5	88.8	14.6	80.2	0.8	37
R952H	52.4	35.5	6.17	48.9	0.7	33

*p* (One-way ANOVA between pairs of conditions)

	Mock		Wild-Type		R1049C	
	F	<i>p</i>	F	<i>p</i>	F	<i>p</i>
<b>Wild-Type</b>	120.8	<0.001				
<b>R1049C</b>	28.6	<0.001	0.32	0.57		
<b>R952H</b>	39.2	<0.001	12.5	<0.001	12.4	<0.001