

**Additional Table 2.**

Densitometric analysis of dot blot experiments with the supernatants of the adsorption reaction performed with different amounts of mRFP and with wild type and *cotH* mutant spores

mRFP source	Amount of sample used	Density (OD/mm <sup>2</sup> ) <sup>a</sup>	Amount of mRFP (ng) <sup>b</sup>	mRFP µg in 200 µl (% total) <sup>b</sup>
<b>Purified mRFP</b>	100.0 ng	193.17	NA	NA
	50.0 ng	83.52	NA	NA
	25.0 ng	39.28	NA	NA
	12.5 ng	13.92	NA	NA
<b>wt 2</b>	80.0 µl	160.77	85.52	0.182 (9.12%)
	40.0 µl	60.83	35.33	
	20.0 µl	19.42	15.92	
<b><i>cotH</i> 2</b>	80.0 µl	114.15	57.30	0.107 (5.35%)
	40.0 µl	40.8	27.25	
<b>wt 5</b>	20.0 µl	128.77	69.23	0.57 (11.4%)
	10.0 µl	56.83	33.33	
<b><i>cotH</i> 5</b>	20.0 µl	42.35	26.30	0.32 (6,4%)
	10.0 µl	16.04	15.85	
<b>wt 10</b>	5.0 µl	157.99	83.52	2.96 (29.6%)
	2.5 µl	65.36	38.33	
	1.2 µl	43.01	27.12	
<b><i>cotH</i> 10</b>	20.0 µl	193.61	101.30	1.29 (12.9%)
	10.0 µl	120.52	65.25	
	5.0 µl	66.32	39.11	
<b>wt20</b>	2.5 µl	166.25	88.25	7.43 (37.15%)
	1.2 µl	75.55	44.09	
<b><i>cotH</i>20</b>	2.5 µl	60.78	35.78	2.96 (14.8%)
	1.25 µl	42.31	26.80	

<sup>a</sup> Density measured by optical density (OD) per square millimeter and obtained by ChemiDocXRS apparatus with Quantity-One software (Bio-Rad).

<sup>b</sup> Calculated from signals (density OD/mm<sup>2</sup>) obtained with purified mRFP. NA, not applicable.