

Additional Table 3.

Densitometric analysis of dot blot experiments with the supernatants of adsorption reaction (5×10^8 of cotH mutant spores - 2 μ g of mRFP) and of washes with 1x PBS pH7.0 or 1M NaCl-0.1% Triton 100.

mRFP source	Amount of sample used	Density (OD/mm²)^a	Amount of mRFP (ng)^b	mRFP μg in 200 μl (% total)^b
Purified mRFP	25.0 ng	25.125	NA	NA
	12.50 ng	10.78.40	NA	NA
	6.25 ng	4.62	NA	NA
Unbound mRFP	40.0 μ l	11.56	12.55	0.083 (4.3%)
	20.0 μ l	6.89	7.78	
	10.0 μ l	2.99	3.55	
<u>1x PBS pH 7.0</u>				
5 min	40.0 μ l	20.75	19.23	0.092 (4.8%)
	20.0 μ l	13.42	12.92	
10 min	20.0 μ l	12.5	13.03	0.107 (5.6%)
	10.0 μ l	7.2	7.25	
15 min	20.0 μ l	11.77	12.83	0.111 (5.8%)
	10.0 μ l	6.83	5.33	
30 min	20.0 μ l	17.35	15.30	0.122 (6.4%)
	10.0 μ l	6.04	5.85	
<u>1M NaCl-0.1% Triton</u>				
5 min	80.0 μ l	18.5	20.03	0.053 (2.8%)
	40.0 μ l	10.2	11.25	
10 min	40.0 μ l	14.83	15.89	0.084 (4.4%)
	20.0 μ l	8.02	8.78	
15 min	20.0 μ l	12.25	13.01	0.115 (6.2%)
	10.0 μ l	7.28	7.31	
30 min	20.0 μ l	15.31	16.80	0.164 (8.6%)
	10.0 μ l	6.59	7.58	

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

^b Calculated from signals (density OD/mm²) obtained with purified mRFP. NA, not applicable.