

Table 2 Effects of *C. mosaicus* mucins on the adhesion of *P. aeruginosa* (Paer 6294-GFP) to human corneal epithelial cells grown in culture

Protein	Final Concentration ( $\mu\text{g}/\text{mL}$ )	Number of adhering bacteria $\times 10^{5a}$	Inhibition <sup>b</sup> (%)
<i>C. mosaicus</i> bell mucin	0.00	10.5 $\pm$ 0.5	–
	25.00	4.2 $\pm$ 0.1	60.0
	50.00	2.2 $\pm$ 0.2	79.0
	100.00	1.4 $\pm$ 0.5	86.7
<i>C. mosaicus</i> exudates mucin	0.00	10.5 $\pm$ 0.5	–
	31.25	7.7 $\pm$ 2.0	26.0
	62.50	6 $\pm$ 0.8	42.3
	125.00	5.4 $\pm$ 1.2	48.1
	250.00	4.6 $\pm$ 0.5	55.8
Bovine milk MUC1	0.00	6.5 $\pm$ 0.4	–
	100.00	4.4 $\pm$ 0.4	32.3
BSA	0.00	6.5 $\pm$ 0.4	–
	100.00	6.4 $\pm$ 0.7	1.5

Note: a: Mean number from two independent experiments (each with four replicates)  $\pm$  SE; b: [(number of adherent bacteria of control - number of adherent bacteria of test sample) / number of adherent bacteria of control]  $\times 100\%$