

Supplementary table 1. Monosaccharide and sialic acid composition of purified mucus (ng/ μ g)

	Chicken Mucus	Turkey Mucus	Cow Mucus	Pig Mucus	Sheep Mucus
Fucose	15.29	21.63	14.09	13.69	10.31
N-Acetyl-galactosamine	5.3	7.22	3.11	13.64	6.08
N-Acetyl-glucosamine	42.72	54.25	33.18	28.96	20.5
Galactose	24.67	28.52	23.38	20.17	14.28
Glucose	5.15	9.43	4.06	18	5.3
Mannose	15.44	21.13	15.84	19.79	13.36
N-Glycolylneuraminic acid (sialic acid)	0	0	2	2.3	0.8
N-Acetylneuraminic acid (sialic acid)	2.7	6.1	0.6	2.2	1.5