

Table S7

	<u>size</u>	<u>All clusters</u>		<u>Within cluster</u>	
		<u>Z-score</u>	<u>p-val</u>	<u>Z-score</u>	<u>p-val</u>
U1	2845	57.46	< 1E-300	17.98	1.49E-72
U2	3742	34.61	9.53E-263	25.81	3.10E-147
U3	615	35.92	6.36E-283	14.06	3.32E-45
U4	961	36.60	1.52E-293	24.83	2.23E-136
U5	34368	17.99	1.20E-72	71.32	<1E-300
U6	4394	60.51	<1E-300	59.43	<1E-300
U7	949	8.72	1.38E-18	21.04	1.55E-98