

Table SI. Distribution and association of organisms in the asymptomatic controls and the patients with acute<sup>a</sup> and chronic<sup>b</sup> non-gonococcal urethritis (NGU)

Organism	Asymptomatic controls (n=73)	NGU groups					
		Acute symptomatic (n=187)	OR (95% CI)	p-value	Chronic symptomatic (n=24)	OR (95% CI)	p-value
<i>C. trachomatis</i>	0	62 (33)	∞ (9.1–∞)	<0.0001	3 (13)	∞ (1.3–∞)	0.014
Geq/ml <sup>c</sup>	–	620,613	–	–	240,900	–	–
<i>M. genitalium</i>	2 (3)	61 (33) <sup>d</sup>	17 (4.3–148)	<0.0001	12 (50) <sup>d</sup>	36 (6.4–344)	<0.0001
Geq/ml	44	19,425	–	0.007	15,813	–	0.04
<i>U. urealyticum</i>	8 (11)	38 (20)	–	0.10	3 (13)	–	>0.99
Geq/ml	313	6,725	–	0.002	55,450	–	0.02
<i>U. parvum</i>	13 (18)	30 (16)	–	0.71	6 (25)	–	0.55
Geq/ml	375	550	–	0.99	338	–	0.43
<i>T. vaginalis</i>	0	2 (1)	–	>0.99	0	–	–
HSV-1 or -2	1	8 (4)	–	0.45	0	–	–
Geq/ml	203,225	127,013	–	0.98	–	–	–
Adenovirus	0	5 (3)	–	0.33	0	–	–
Species	–	4 D, 1 B	–	–	–	–	–
<i>S. pneumoniae</i>	4 (5)	1 (0.5)	11 (1–534)	0.02	1 (4)	–	>0.99
Geq/ml	23,338	8,800	–	0.8	8,650	–	0.8
<i>N. meningitidis</i>	0	1 (0.5)	–	>0.99	0	–	–
Geq/ml	–	1,172,950	–	–	–	–	–
<i>H. influenzae</i>	0	9 (5)	∞ (0.8–∞)	0.07	0	–	–
Geq/ml	–	308	–	–	0	–	–
<i>M. catarrhalis</i>	0	3 (2) <sup>e</sup>	–	0.56	1 (4)	–	0.25
Geq/ml	–	25	–	–	25	–	–
Pathogen negative <sup>f</sup>	62 (85)	45 (24)	–	–	8 (33)	–	–

Continuous variables are summarized as median and categorical variables (positive/negative) as n (%).

<sup>a</sup>NGU symptoms 1–30 days. <sup>b</sup>NGU symptoms >30 days. <sup>c</sup>Median organism load (geq/ml urine) for positive qPCR results. <sup>d</sup>1 azithromycin resistant. <sup>e</sup>2 samples not analysed. <sup>f</sup>*C. trachomatis*, *M. genitalium*, *U. urealyticum*, *T. vaginalis*, HSV-1 and -2, and adenovirus positive excluded. No difference between NGU groups (Fisher's exact test).

OR: odds ratio; CI: confidence interval; Geq: genome equivalents; HSV: herpes simplex virus.