

**Table S1.** Composition of the 79 *E. coli* strains originating from urinary tract infections used for initial HR determination of wastewater isolated phages

<b>serotype</b>	<b>number</b>
O25:H4	37
O1:H25	1
O100:H4	2
O101:H9	1
O15:H18	1
O153:X	1
O18:H1	1
O18:H7	1
O2:H6	3
O20:H9	1
O23:X	1
O24:H4	1
O25:H1	2
O39:X	1
O4:H5	1
O6:H1	1
O6:H18	2
O6:X	2
O73:H18	1
O75:H7	1
O8:H10	1
O8:H7	1
O9:H19	1
O9:H25	1
O9:H30	1
O9:H4	1
O9:H9	1
X:H14	1
X:H18	1
X:H19	1
X:H4	1
X:H5	1
X:H6	1
unknown	4