

Intestinal colonization mediated by UPEC-46 strain (CFU/g feces)

Days	Animal 1	Animal 2	Animal 3	Animal 4	Animal 5	Animal 6	Animal 7	Animal 8
1	1180000000	1110000000	8980000000	4550000000	1020000000	6360000000	2690000000	1900000000
2	968000000	1600000000	3740000000	1560000000	694000000	1730000000	2460000000	4760000000
3	556000000	2060000000	1000000000	1530000000	625000000	542000000	833000000	1670000000
4	556000000	3500000000	6080000000	3080000000	722000000	241000000	1860000000	2950000000
5	129000000	5560000000	667000000	455000000	439000000	379000000	2170000000	2100000000
6	61400000	4940000000	920000000	4090000000	714000000	533000000	3980000000	495000000
7	10900000	2080000000	2170000000	1350000000	75800000	573000000	1930000000	789000000
8	12500000	7640000000	1200000000	6940000000	41700000	86200000	530000000	1950000000
9	556000000	1280000000	125000000	4170000000	32100000	588000000	1370000000	3330000000
10	16700000	313000000	56800000	1550000000	12500000	167000000	1060000000	729000000
11	57100000	39700000	35400000	1190000000	1720000	132000000	476000000	351000000
12	38500000	7480000	14400000	507000000	28600000	162000000	317000000	219000000
13	16700000	7140000	10400000	389000000	2780000	97100000	85500000	68600000
14	31700000	10900000	66700000	290000000	11500000	44700000	62500000	120000000

Note: mice were orogastrically inoculated with 10^3 CFU and fresh fecal samples were collected for up to 14 d post infection

Intestinal colonization mediated by UPEC-46 strain (Log_{10} CFU/g feces)

Days	Animal 1	Animal 2	Animal 3	Animal 4	Animal 5	Animal 6	Animal 7	Animal 8
1	9.072	9.045	9.953	9.658	9.009	9.803	9.43	9.279
2	8.986	9.204	9.573	9.193	8.841	9.238	9.391	9.678
3	8.745	9.314	9	9.185	8.796	8.734	8.921	9.223
4	8.745	9.544	9.784	9.489	8.859	8.382	9.27	9.47
5	8.111	9.745	8.824	8.658	8.642	7.579	9.336	9.322
6	7.788	9.694	8.964	9.612	8.854	7.727	9.6	8.695
7	7.037	9.318	9.336	9.13	7.88	7.758	9.286	8.897
8	7.097	9.883	9.079	9.841	7.62	7.936	8.724	9.29
9	8.745	9.107	8.097	9.62	7.507	8.769	9.137	9.522
10	7.223	8.496	7.754	9.19	7.097	8.223	9.025	8.863
11	7.757	7.599	7.549	9.076	6.236	8.121	8.678	8.545
12	7.585	6.874	7.158	8.705	7.456	8.21	8.501	8.34
13	7.223	6.854	7.017	8.59	6.444	7.987	7.932	7.836
14	7.501	7.037	7.824	8.462	7.061	7.65	7.796	8.079

Note: mice were orogastrically inoculated with 10^3 CFU and fresh fecal samples were collected for up to 14 d post infection

Intestinal colonization mediated by UPEC-46::*afpA* strain (CFU/g feces)

Days	Animal 1	Animal 2	Animal 3	Animal 4	Animal 5	Animal 6	Animal 7	Animal 8
1	1090000000	343000000	1130000000	218000000	76900000	10700000	83300000	44400000
2	926000000	260000000	303000000	60600000	53500000	75000000	48600000	18200000
3	88900000	313000000	153000000	100000000	323000000	80000000	20800000	30000000
4	136000000	77800000	96000000	36400000	52600000	9090000	1670000	7810000
5	27800000	27800000	12500000	59300000	135000000	69400000	2670000	55600000
6	13300000	55600000	16700000	4170000	25300000	3750000	5910000	117000000
7	2380000	12500000	75300000	4170000	50700000	357000	357000	52600000
8	5750000	50900000	33300000	2000000	17200000	536000	267000	50000000
9	1800000	28300000	14200000	1250000	1470000	135000	317000	12500000
10	808000	9720000	9890000	870000	1880000	1200000	133000	4290000
11	5560000	9260000	3330000	588000	217000	1900000	124000	294000
12	100000	9090000	1360000	400000	214000	4160000	289000	281000
13	147000	5000000	183000	156000	230000	2310000	213000	133000
14	600000	476000	139000	150000	571000	929000	500000	204000

Note: mice were orogastrically inoculated with 10^3 CFU and fresh fecal samples were collected for up to 14 d post infection

Intestinal colonization mediated by UPEC-46::*afpA* strain (Log_{10} CFU/g feces)

Days	Animal 1	Animal 2	Animal 3	Animal 4	Animal 5	Animal 6	Animal 7	Animal 8
1	9.037	8.535	9.053	8.338	7.886	7.029	7.921	7.647
2	8.967	8.415	8.481	7.782	7.728	7.875	7.687	7.26
3	7.949	8.496	8.185	8	8.509	7.903	7.318	7.477
4	8.134	7.891	7.982	7.561	7.721	6.959	6.223	6.893
5	7.444	7.444	7.097	7.773	8.13	7.841	6.427	7.745
6	7.124	7.745	7.223	6.62	7.403	6.574	6.772	8.068
7	6.377	7.097	7.877	6.62	7.705	5.553	5.553	7.721
8	6.76	7.707	7.522	6.301	7.236	5.729	5.427	7.699
9	6.255	7.452	7.152	6.097	6.167	5.13	5.501	7.097
10	5.907	6.988	6.995	5.94	6.274	6.079	5.124	6.632
11	6.745	6.967	6.522	5.769	5.336	6.279	5.093	5.468
12	5	6.959	6.134	5.602	5.33	6.619	5.461	5.449
13	5.167	6.699	5.262	5.193	5.362	6.364	5.328	5.124
14	5.778	5.678	5.143	5.176	5.757	5.968	5.699	5.31

Note: mice were orogastrically inoculated with 10^3 CFU and fresh fecal samples were collected for up to 14 d post infection

Intestinal colonization mediated by UPEC-46::*afpA* (pPAS3) strain (CFU/g feces)

Days	Animal 1	Animal 2	Animal 3	Animal 4	Animal 5	Animal 6	Animal 7	Animal 8
1	6670000000	10000000000	6000000000	1460000000	1320000000	980000000	4690000000	930000000
2	2200000000	2170000000	325000000	2780000000	1790000000	62500000	1130000000	66700000
3	1610000000	1720000000	1750000000	1720000000	2330000000	41700000	105000000	83300000
4	7690000000	800000000	710000000	571000000	247000000	729000000	119000000	44400000
5	196000000	43500000	3170000000	7270000000	278000000	175000000	652000000	171000000
6	370000000	917000000	6670000000	1440000000	292000000	90300000	230000000	263000000
7	288000000	208000000	2380000000	5450000000	94200000	158000000	53500000	282000000
8	132000000	55600000	652000000	1890000000	27800000	41700000	222000000	91700000
9	889000000	74100000	1490000000	2400000000	104000000	26700000	95200000	100000000
10	113000000	100000000	2080000000	1930000000	107000000	86000000	39900000	107000000
11	37900000	106000000	500000000	952000000	15900000	12300000	41700000	23800000
12	15800000	14500000	96100000	378000000	9680000	5560000	31300000	11600000
13	23800000	10600000	114000000	181000000	6940000	13200000	20800000	2920000
14	53300000	26000000	116000000	60600000	3560000	11600000	8330000	9420000

Note: mice were orogastrically inoculated with 10^3 CFU and fresh fecal samples were collected for up to 14 d post infection

Intestinal colonization mediated by UPEC-46::*afpA* (pPAS3) strain (Log_{10} CFU/g feces)

Days	Animal 1	Animal 2	Animal 3	Animal 4	Animal 5	Animal 6	Animal 7	Animal 8
1	9.824	10	9.778	9.164	9.121	8.991	9.671	8.968
2	9.342	9.336	8.512	9.444	9.253	7.796	9.053	7.824
3	9.207	9.236	9.243	9.236	9.367	7.62	8.021	7.921
4	9.886	8.903	8.851	8.757	8.393	8.863	8.076	7.647
5	8.292	7.638	9.501	9.862	8.444	8.243	8.814	8.233
6	8.568	8.962	9.824	9.158	8.465	7.956	8.362	8.42
7	8.459	8.318	9.377	9.736	7.974	8.199	7.728	8.45
8	8.121	7.745	8.814	9.276	7.444	7.62	8.346	7.962
9	8.949	7.87	9.173	9.38	8.017	7.427	7.979	8
10	8.053	8	9.318	9.286	8.029	7.934	7.601	8.029
11	7.579	8.025	8.699	8.979	7.201	7.09	7.62	7.377
12	7.199	7.161	7.983	8.577	6.986	6.745	7.496	7.064
13	7.377	7.025	8.057	8.258	6.841	7.121	7.318	6.465
14	7.727	7.415	8.064	7.782	6.551	7.064	6.921	6.974

Note: mice were orogastrically inoculated with 10^3 CFU and fresh fecal samples were collected for up to 14 d post infection

Intestinal colonization mediated by UPEC-46::*afpA*::*fimH* strain (CFU/g feces)

Days	Animal 1	Animal 2	Animal 3	Animal 4	Animal 5	Animal 6	Animal 7	Animal 8
1	1	1	1	7500	47500	12500	96100	10900
2	1	1	1	1	65200	23300	95200	2860
3	1	1	1	1	31300	5560	109000	5560
4	1	1	1	1	12200	3410	50000	4300
5	1	1	1	1	19200	1960	96200	8670
6	1	1	1	1	10200	1670	34500	12500
7	1	1	1	1	10900	1	30300	3190
8	1	1	1	1	21400	1	22700	8620
9	1	1	1	1	13200	1	15500	6250
10	1	1	1	1	3400	1	10200	5830
11	1	1	1	1	3030	1	16000	10000
12	1	1	1	1	1720	1	15900	6250
13	1	1	1	1	1250	1	7410	4170
14	1	1	1	1	1560	1	7500	1080

Note: mice were orogastrically inoculated with 10^3 CFU and fresh fecal samples were collected for up to 14 d post infection

Intestinal colonization mediated by UPEC-46::*afpA*::*fimH* strain (Log_{10} CFU/g feces)

Days	Animal 1	Animal 2	Animal 3	Animal 4	Animal 5	Animal 6	Animal 7	Animal 8
1	0	0	0	3.875	4.677	4.097	4.983	4.037
2	0	0	0	0	4.814	4.367	4.979	3.456
3	0	0	0	0	4.496	3.745	5.037	3.745
4	0	0	0	0	4.086	3.533	4.699	3.633
5	0	0	0	0	4.283	3.292	4.983	3.938
6	0	0	0	0	4.009	3.223	4.538	4.097
7	0	0	0	0	4.037	0	4.481	3.504
8	0	0	0	0	4.33	0	4.356	3.936
9	0	0	0	0	4.121	0	4.19	3.796
10	0	0	0	0	3.531	0	4.009	3.766
11	0	0	0	0	3.481	0	4.204	4
12	0	0	0	0	3.236	0	4.201	3.796
13	0	0	0	0	3.097	0	3.87	3.62
14	0	0	0	0	3.193	0	3.875	3.033

Note: mice were orogastrically inoculated with 10^3 CFU and fresh fecal samples were collected for up to 14 d post infection