

Supplementary Table 4

Gene	Half-Life (min)	R Squared Fit Decay	Log2 Fold Change Rnase III KO	Log2 Fold Change Novobiocin (10µg/ml)	Transcription rate (RNA copy number/min)
MPN001	-20.660	0.645	-1.404	1.079	-6.765
MPN002	-15.297	0.799	-1.176	2.340	-2.801
MPN003	-145.493	0.046	-0.235	1.825	-49.312
MPN004	-40.977	0.395	0.086	2.283	-10.856
MPN005	-28.398	0.684	0.120	2.030	-7.282
MPN006	-34.656	0.646	-0.052	1.980	-6.739
MPN007	-24.211	0.738	-0.161	2.624	-4.339
MPN008	-15.293	0.838	0.235	3.488	-0.800
MPN009	-15.873	0.870	0.549	4.014	-0.558
MPN010	30.517	0.107	-0.343	-1.723	3.553
ncMPN002	38.745	0.073	1.632	-1.043	1.186
MPN013	8.594	0.843	0.465	-2.647	0.856
ncMPN005	8.330	0.656	-0.196	-3.008	0.253
MPN014	6.590	0.585	0.406	-1.808	0.064
MPN018	5.512	0.952	-0.886	-3.147	0.602
MPN019	5.926	0.957	-1.012	-3.213	0.659
MPN020	6.594	0.972	-0.238	-2.933	1.331
MPN021	8.721	0.973	0.128	-3.305	2.442
MPN022	9.567	0.964	0.392	-2.758	2.188
MPN023	12.564	0.864	0.556	-1.731	1.134
MPN024	7.113	0.925	-1.147	-2.272	7.211
MPN025	7.310	0.968	-0.892	-2.236	4.271
MPN026	8.267	0.957	-0.353	-0.925	1.113
MPN028	11.839	0.913	-0.245	-1.857	1.595
MPN029	10.120	0.862	-0.762	-1.723	2.735
MPN030	10.322	0.925	-0.703	-1.348	1.792
MPN031	10.380	0.906	-0.318	-0.879	0.814

MPN035	7.982	0.857	0.448	-1.004	0.251
MPN036	7.588	0.934	-0.734	-0.544	5.262
MPN037	10.303	0.878	-0.461	1.112	0.112
MPN039	7.429	0.825	-0.022	-1.599	0.835
MPN041	11.841	0.733	-0.144	1.712	0.228
MPN042	16.007	0.734	0.026	-0.816	0.121
MPN043	12.067	0.902	-1.122	-0.965	1.678
MPN045	10.946	0.854	-0.061	-2.155	1.132
MPN046	9.222	0.889	-0.075	-1.182	0.678
MPN047	8.712	0.890	0.184	-0.743	0.495
ncMPN006	7.279	0.949	-0.601	-1.451	0.230
MPN048	8.071	0.950	0.050	-0.915	0.132

MPN049	8.737	0.889	0.895	-1.071	0.116
ncMPN007	6.185	0.949	-0.561	-2.196	0.226
MPN052	6.500	0.866	-0.690	-3.136	1.804
MPN053	7.930	0.916	-1.060	-2.245	7.277
ncMPN399	6.695	0.828	-0.033	-3.328	0.581
MPN054	26.586	0.206	1.171	-2.813	0.187
ncMPN400	44.018	0.045	1.752	-inf	0.272
MPN055	8.323	0.980	-1.652	-1.363	0.962
MPN056	10.609	0.968	-1.763	-0.273	0.764
MPN057	12.414	0.967	-1.742	0.003	0.876
MPN058	14.442	0.891	-1.703	0.517	0.635
MPN059	9.181	0.969	-0.144	-0.404	1.010
MPN060	8.412	0.907	-0.275	-1.419	0.744
MPN062	7.649	0.844	0.570	-2.550	2.406
MPN063	7.306	0.880	0.546	-2.911	2.926
MPN064	8.455	0.872	0.368	-2.881	3.091
MPN065	7.587	0.944	0.655	-2.285	3.672
MPN066	8.900	0.946	0.790	-1.929	1.862
ncMPN010	8.845	0.907	0.224	-0.844	1.264

MPN075	14.938	0.852	0.440	-0.240	0.629
ncMPN011	15.943	0.842	0.277	-0.022	0.702
ncMPN012	15.965	0.807	1.036	-0.508	0.178
ncMPN429	49.353	0.077	0.559	-0.829	
MPN078	13.918	0.844	-0.456	-0.371	0.663
MPN079	13.671	0.853	-1.018	-0.144	0.487
ncMPN013	17.450	0.964	-0.098	-0.163	4.135
MPN080	-134.294	0.154	-0.444	2.857	-3.225
ncMPN014	47.845	0.267	-0.190	0.895	4.205
MPN081	-65.838	0.380	-0.537	3.325	-1.726
MPN082	15.107	0.954	-0.783	-0.562	3.790
MPN083	26.797	0.873	-0.893	-0.015	11.655
MPN084	18.706	0.980	0.118	-0.428	5.062
MPN085	12.982	0.891	0.923	-1.553	0.371
ncMPN416	10.727	0.916	0.984	-2.006	5.589
MPN086	7.627	0.418	2.422	-1.637	0.047
MPN087	-297.141	0.004	4.243	0.272	-1.838
MPN088	-495.805	0.001	3.020	0.625	-11.557
MPN089	7.828	0.952	0.699	-0.462	0.153
MPN090	6.104	0.961	0.053	-2.345	0.571
MPN091	7.449	0.954	0.037	-1.467	0.054

MPN092	9.282	0.814	1.255	-0.399	0.095
MPN093	12.478	0.746	2.134	-0.327	0.081
MPN094	9.130	0.930	0.757	-2.011	0.141
Mpnr01	1623.751	0.360	-1.706	-0.028	669064.134
Mpnr02	-1179.785	0.436	-1.708	0.037	-440482.381
Mpnr03	128.233	0.138	-1.439	-0.609	1238.712
MPN095	5.955	0.934	-0.645	-3.944	0.623
MPN096	6.355	0.870	-0.701	-3.444	0.535
MPN097	6.495	0.901	-1.096	-1.487	0.528
MPN098	10.345	0.841	-0.167	-0.717	0.142

MPN099	12.988	0.847	1.042	-2.141	0.084
MPN100	14.190	0.450	0.575	-2.994	0.103
MPN101	9.972	0.868	0.722	-3.118	0.063
MPN102	9.478	0.806	1.667	-3.647	0.059
MPN104	5.395	0.896	0.697	-2.829	1.533
MPN105	8.438	0.761	-0.771	-1.527	1.205
MPN106	9.495	0.784	-1.325	-0.781	0.935
MPN107	11.471	0.893	-0.857	-1.238	0.526
MPN108	11.206	0.933	-0.607	-1.717	0.272
MPN109	10.353	0.841	-0.120	-1.509	0.591
MPN110	13.057	0.916	0.160	-0.973	0.208
MPN111	17.837	0.755	-0.298	-1.503	0.303
MPN112	12.683	0.888	-0.464	-1.432	0.276
MPN113	15.410	0.688	-0.604	-0.082	0.097
MPN114	16.685	0.979	-0.085	-0.113	0.195
MPN115	7.130	0.974	-0.576	-0.550	5.898
MPN116	8.295	0.967	-0.700	0.939	4.786
MPN117	9.489	0.961	-0.717	0.794	4.338
MPN119	12.666	0.966	-0.665	0.155	2.299
MPN120	12.357	0.962	-0.277	-0.430	2.906
MPN121	11.208	0.962	-0.072	-0.959	1.914
MPN122	13.551	0.925	0.114	0.237	1.723
MPN123	23.437	0.705	-0.178	1.232	2.057
MPN125	27.545	0.280	0.516	-0.004	1.173
MPN126	8.714	0.918	0.310	-1.582	1.474
MPN127	11.847	0.904	1.929	-1.407	0.857
MPN128	10.521	0.899	-0.022	-0.286	0.065
ncMPN019	8.056	0.972	-0.176	-1.387	1.543
MPN129	11.235	0.950	-0.080	-1.365	1.044
MPN130	12.751	0.741	1.009	-1.849	0.130
MPN131	9.217	0.803	0.057	-2.714	0.057

MPN132	10.492	0.745	0.125	-1.690	0.065
ncMPN021	6.378	0.972	-0.832	-1.057	2.654
MPN133	8.048	0.952	-0.595	-0.977	1.221
MPN134	9.540	0.957	-1.134	0.038	1.238
MPN135	8.635	0.958	-0.561	-0.235	1.314
MPN136	9.096	0.916	-0.261	-0.547	1.052
MPN140	10.648	0.965	-1.147	0.178	2.067
MPN141	11.485	0.890	0.544	-0.357	0.855
MPN142	14.753	0.792	0.972	0.320	1.340
MPN143	333.332	0.003	1.293	3.181	12.681
MPN144	25.649	0.649	1.205	2.635	0.178
MPN145	56.233	0.070	0.519	-0.151	2.934
MPN146	6.783	0.928	-0.958	-1.941	4.025
MPN147	8.685	0.883	0.032	0.756	0.574
MPN148	8.752	0.943	-0.639	-1.224	3.599
MPN149	76.221	0.113	1.161	1.698	0.673
MPN150	164.700	0.104	2.148	0.612	1.374
MPN151	13.032	0.416	0.044	-2.033	0.483
MPN152	8.509	0.733	-1.252	-1.693	0.318
MPN153	8.094	0.931	-1.200	-1.732	1.120
MPN154	8.547	0.960	-1.743	-0.359	1.236
MPN155a	9.199	0.956	-1.305	-0.133	2.069
MPN155	10.568	0.952	-0.742	-0.545	1.771
MPN156	12.595	0.880	-1.336	-0.249	2.523
MPN157	11.689	0.919	-1.258	-0.666	3.500
MPN158	15.023	0.913	-0.498	-0.324	1.409
MPN159	13.696	0.985	0.209	-1.154	1.478
MPN160	13.347	0.936	0.350	-0.325	1.242
MPN161	13.389	0.937	-0.796	-0.597	1.939
MPN162	13.244	0.963	-0.947	1.588	3.337
MPN163	11.830	0.972	-0.250	-0.968	1.241
MPN164	7.011	0.989	-1.547	-0.241	2.537

MPN165	8.363	0.979	-1.842	0.145	2.576
MPN166	9.261	0.958	-1.786	0.762	2.226
MPN167	10.872	0.928	-2.030	1.203	2.441
MPN168	10.661	0.915	-1.873	1.183	3.012
MPN169	10.481	0.902	-2.047	1.158	3.497
MPN170	11.195	0.886	-2.106	1.346	3.804
MPN171	12.402	0.854	-1.715	1.595	4.138

MPN171	12.402	0.854	-1.715	1.595	4.138
MPN172	11.795	0.822	-1.660	1.155	3.697
MPN173	12.768	0.786	-1.753	1.329	4.881
MPN174	13.499	0.756	-1.667	1.231	4.711
MPN175	13.796	0.746	-1.426	1.057	4.683
MPN176	15.028	0.690	-1.480	1.595	5.758
MPN177	16.700	0.608	-1.213	1.138	3.182
MPN178	15.765	0.653	-1.123	1.104	5.778
MPN179	15.012	0.613	-0.952	0.575	4.699
MPN180	16.317	0.572	-0.793	0.788	5.317
MPN181	18.211	0.534	-0.673	0.669	5.067
MPN182	16.913	0.583	-0.697	0.687	5.084
MPN183	18.142	0.572	-0.709	0.482	5.968
MPN184	20.526	0.587	-0.045	0.685	3.034
MPN185	16.102	0.715	-0.061	0.951	2.175
MPN186	8.223	0.995	-0.476	-0.345	4.342
MPN187	11.142	0.934	-0.168	0.517	2.699
MPN188	10.099	0.978	-0.001	-0.327	5.568
MPN189	11.230	0.940	-0.007	0.274	4.975
MPN190	10.723	0.938	-0.399	0.124	3.468
MPN191	11.313	0.906	-0.897	0.485	5.117
MPN192	13.779	0.859	-0.880	0.730	4.353
MPN193	17.142	0.839	-0.651	0.749	3.718
MPN194	18.900	0.930	-0.450	0.154	3.345

MPN195	13.336	0.967	-0.335	-0.096	2.223
MPN196	12.411	0.976	-0.503	-0.665	1.156
ncMPN420	9.382	0.857	-0.583	-2.290	1.583
MPN197	10.916	0.979	-1.053	-0.454	1.291
MPN198	13.392	0.941	-0.169	-0.726	0.944
ncMPN024	13.373	0.924	0.198	-1.368	1.251
MPN199	8.898	0.785	0.106	-2.159	0.528
ncMPN026	10.099	0.657	-0.087	-2.052	0.865
MPN200a	11.572	0.711	0.400	-1.149	0.264
MPN200	6.310	0.857	-1.312	-2.596	0.635
MPN201	6.815	0.961	-0.837	-1.107	0.052
MPN202	13.314	0.861	0.837	1.183	0.092
MPN203	14.320	0.893	0.955	1.759	0.089
MPN204	11.257	0.877	0.915	-0.961	0.070
ncMPN408	9.799	0.897	0.627	-0.949	0.061
MPN205	12.361	0.922	0.405	-1.794	0.076
MPN207a	5.186	0.978	-0.660	-1.367	4.003

MPN207	7.436	0.973	-0.495	-0.159	2.485
ncMPN027	19.044	0.758	0.037	-1.196	82.170
MPN208	6.907	0.990	-0.511	-1.139	3.513
MPN209	8.687	0.873	0.316	-0.103	1.074
MPN210	6.908	0.966	-0.044	-0.720	1.205
MPN211	7.424	0.940	-0.173	-0.250	0.685
MPN212	5.887	0.985	-0.151	-1.776	3.055
MPN213	7.778	0.969	-1.980	0.419	2.207
ncMPN028	12.600	0.827	0.282	-0.336	0.279
MPN215	5.820	0.932	-0.714	-2.135	0.747
MPN216	5.514	0.941	-0.889	-1.760	0.705
MPN217	5.581	0.939	-1.055	-1.277	0.750
MPN218	6.681	0.921	-1.299	-0.691	0.684
MPN218a	-117.844	0.007	0.454	-inf	-18.496

MPN219	6.079	0.973	-0.627	-1.706	3.930
MPN220	6.174	0.988	-0.758	-1.075	2.155
MPN221	7.056	0.981	-0.718	-0.481	1.116
MPN222	7.705	0.959	-0.240	-0.883	1.064
MPN223	8.380	0.925	0.040	-0.894	0.624
MPN224	6.692	0.987	-0.095	-2.731	1.832
ncMPN030	6.078	0.971	-0.343	-2.441	5.329
MPN225	5.812	0.968	-0.294	-1.988	5.960
MPN226	5.982	0.980	-0.236	-1.339	2.252
MPN227	6.007	0.956	-0.465	-1.303	3.183
MPN228	6.971	0.944	-0.868	-0.460	3.292
MPN229	7.100	0.938	-1.067	-0.371	2.758
MPN230	6.893	0.920	-0.988	-0.103	2.557
MPN231	7.426	0.899	-0.897	-0.523	2.768
MPN232	8.348	0.819	-0.589	-0.279	1.079
MPN233	9.545	0.746	-0.380	0.124	0.657
ncMPN031	8.003	0.965	-0.150	-1.331	1.030
MPN234	7.262	0.964	-0.680	-1.230	0.926
MPN235	7.045	0.967	-0.466	-1.066	0.557
MPN236	5.745	0.937	-0.618	-1.840	0.647
MPN237	5.771	0.954	-0.851	-1.254	0.537
MPN238	5.949	0.920	-0.960	-0.203	0.530
MPN239	6.483	0.979	-0.490	-1.055	1.355
MPN240	6.718	0.981	-0.592	-1.183	1.156
MPN241	9.291	0.959	-0.256	-0.942	0.526
ncMPN447	8.297	0.933	-0.300	0.028	

MPN242	5.069	0.969	0.209	-2.515	1.324
MPN243	5.841	0.964	-0.662	-0.675	2.721
MPN244	6.354	0.944	-0.372	0.296	1.372
MPN246	7.108	0.905	-0.085	-1.930	2.196
MPN247	7.802	0.932	-0.395	-1.104	1.120

MPN248	8.003	0.913	0.020	0.061	0.681
MPN249	9.847	0.822	0.025	0.791	0.305
MPN250	7.476	0.953	-0.478	-1.735	1.541
MPN251	7.913	0.908	-0.478	-1.197	1.200
MPN252	6.906	0.967	-0.371	-1.610	1.010
MPN253	7.270	0.959	-0.146	-1.816	0.535
MPN254	6.130	0.984	-0.691	-1.812	1.325
MPN255	6.327	0.983	-1.126	-1.947	2.853
MPN256	7.560	0.959	-1.040	-1.289	2.067
MPN257	8.941	0.922	-0.932	-0.329	1.095
MPN258	6.875	0.993	0.015	-1.133	3.570
MPN259	6.261	0.986	-0.259	-0.600	2.300
MPN260	6.176	0.982	-0.439	-0.704	2.860
MPN261	7.120	0.967	-1.051	-1.096	2.361
MPN262	8.451	0.852	-0.995	-1.221	1.490
MPN263	6.475	0.990	-1.232	-2.065	2.941
MPN264	6.729	0.989	-1.365	-1.540	2.009
MPN266	5.805	0.847	-0.428	-3.295	1.776
MPN267	5.969	0.874	-0.761	-3.199	1.861
MPN268	6.714	0.836	-0.719	-2.598	1.439
MPN269	5.968	0.901	-0.196	-2.055	0.616
MPN270	6.014	0.907	0.073	-2.973	0.333
MPN271	5.544	0.909	-1.218	-3.151	0.184
ncMPN032	10.362	0.909	0.123	-2.050	0.167
MPN272	6.012	0.793	-0.725	-2.500	1.251
MPN275	4.415	0.915	-0.528	-2.490	0.772
MPN277	5.875	0.917	-0.375	-1.740	0.539
MPN278	6.476	0.926	0.428	-1.428	0.350
MPN279	6.435	0.922	0.634	-0.970	0.303
MPN280	8.465	0.957	0.273	0.139	2.172
MPN281	5.119	0.960	-0.568	-1.280	1.001
MPN282	5.867	0.957	-1.251	-1.113	0.321

ncMPN446	5.623	0.942	-1.111	-1.299	
MPN283	5.694	0.865	-0.331	-3.090	0.430
MPN284	4.180	0.956	-2.349	-2.079	0.489

ncMPN392	5.702	0.915	-1.395	-2.328	0.051
MPN285	5.401	0.971	-0.691	-1.513	0.188
MPN286	11.748	0.621	1.321	-1.281	0.101
MPN287	11.150	0.750	0.420	-2.810	0.608
MPN288	4.005	0.987	-1.947	-1.307	0.273
MPN289	4.456	0.970	-0.992	-0.786	0.069
MPN290	5.628	0.790	0.129	-1.389	0.044
ncMPN034	6.835	0.950	-0.899	-0.641	0.072
MPN294	5.847	0.970	-0.266	-0.267	2.000
MPN295	6.564	0.941	-0.202	-0.328	3.760
MPN296	6.809	0.939	-1.011	0.228	5.119
MPN297	7.311	0.913	-0.923	0.042	4.091
MPN298	9.313	0.819	-1.044	0.911	2.830
MPN299	12.770	0.632	-0.826	0.939	2.187
MPN300	20.238	0.439	-0.268	1.954	1.487
MPN301	16.869	0.577	-0.249	1.415	1.033
MPN302	9.076	0.914	-0.402	-0.971	3.194
MPN303	9.939	0.935	-0.777	-0.169	3.258
MPNt05	14.729	0.978	-0.980	-0.748	
MPNt06	8.878	0.953	-1.193	-1.678	
MPNt07	14.215	0.913	-1.050	-1.785	
MPNt08	10.989	0.953	-0.937	-1.929	
MPNt09	17.411	0.960	-0.626	-1.997	
MPNt10	23.017	0.960	-0.563	-2.057	
MPNt11	36.770	0.871	-0.502	-1.979	
MPNt12	13.335	0.919	-0.895	-1.742	
MPN304	4.925	0.979	-0.989	-1.842	1.589
MPN305	5.770	0.958	-0.838	-1.713	0.900

MPN306	7.276	0.769	-0.062	-0.991	0.256
MPN307	6.218	0.976	-0.216	-1.514	0.780
MPN308	5.615	0.969	-0.254	-1.547	0.971
MPN309	7.289	0.904	-0.891	0.592	2.046
MPN310	10.311	0.780	-0.820	1.235	3.125
ncMPN409	11.003	0.849	-0.851	0.855	3.786
MPN311	14.490	0.756	-1.171	1.553	4.243
MPN312	14.851	0.824	-1.134	1.570	3.332
ncMPN410	18.240	0.732	-0.873	1.571	0.933
MPNt13	20.484	0.722	-0.539	-0.252	
MPN314	4.257	0.922	-0.523	-3.244	7.155
MPN315	3.999	0.952	-0.948	-2.466	4.077

MPN316	4.408	0.959	-1.101	-1.756	3.307
MPN317	4.400	0.934	-0.692	-2.376	3.143
MPN318	5.643	0.932	-0.468	-1.810	0.957
MPN319	6.943	0.978	0.265	-1.094	1.080
MPN320	4.705	0.892	-0.257	-3.290	2.003
MPN321	4.557	0.918	-1.021	-2.839	2.725
MPN322	4.395	0.949	-1.393	-2.678	2.964
MPN323	4.545	0.943	-1.554	-2.327	3.854
MPN324	4.933	0.943	-1.325	-2.276	3.204
MPN325	4.796	0.981	-1.242	-2.410	6.791
MPN326	4.718	0.977	-1.090	-1.926	3.142
MPN327	4.942	0.967	-0.906	-1.794	2.432
MPN328	5.313	0.945	-0.744	-1.235	2.317
MPN329	6.644	0.871	-0.842	-0.192	1.188
MPN330	8.297	0.801	-0.675	-0.079	0.784
MPN331	6.262	0.991	-1.284	-2.124	3.018
MPN332	6.178	0.978	-0.930	-3.006	2.649
MPN333	8.097	0.958	-0.288	-1.499	0.710
MPN334	9.410	0.882	-0.312	-0.986	0.556

MPN335	10.920	0.968	-0.469	-0.725	0.546
ncMPN036	10.031	0.776	0.679	-1.474	0.905
MPN337	4.873	0.819	-0.313	-4.582	0.498
MPN338	4.580	0.867	-0.969	-3.243	0.385
MPN339	4.317	0.928	-0.751	-3.129	0.252
MPN340	4.399	0.898	-1.015	-3.588	0.155
MPN341	5.427	0.878	-0.854	-3.480	0.150
MPN342	4.054	0.982	-0.236	-4.587	0.953
MPN343	6.445	0.928	0.661	-2.624	0.059
MPN344	5.162	0.861	-0.829	-4.146	1.261
ncMPN037	4.226	0.765	-0.011	-4.033	0.151
MPN345	5.213	0.958	0.446	-2.274	0.121
MPN346	4.896	0.726	0.218	-3.907	0.216
ncMPN411	5.440	0.858	0.439	-3.408	0.112
MPN347	7.613	0.861	1.179	-3.345	0.077
MPN347a	4.508	0.729	0.385	-4.937	0.270
MPN348	4.975	0.788	-0.043	-4.144	0.218
MPN349	4.855	0.806	-0.261	-4.086	0.323
MPN358	4.443	0.907	-1.055	-1.459	0.309
MPNt15	-733.675	0.001	-0.543	-1.237	
MPNt16	30.416	0.457	1.636	-1.943	

MPN359	4.871	0.919	2.857	-2.318	1.878
MPN360	5.100	0.848	1.553	-2.744	3.692
MPN361	5.212	0.881	2.527	-2.301	1.039
MPN362	5.920	0.899	3.748	-0.234	0.237
ncMPN038	5.857	0.945	3.780	-0.316	0.321
MPN363	5.766	0.982	3.695	-1.200	0.107
ncMPN404	8.100	0.890	4.688	-1.968	0.139
ncMPN405	6.269	0.900	4.686	-1.771	0.175
MPN365	7.049	0.887	1.857	-3.775	0.078
MPN366	9.505	0.930	1.504	-2.781	0.095

MPN367	13.198	0.805	1.538	-2.724	0.082
MPN368	6.489	0.857	3.068	-2.955	0.307
MPN370	10.769	0.949	0.180	-3.368	0.072
MPN372	3.913	0.828	-1.827	-4.757	1.444
ncMPN041	8.439	0.510	-1.560	-1.136	0.071
MPN377	4.478	0.879	-0.746	-0.999	3.719
MPN378	5.049	0.963	-0.679	0.196	0.502
MPN379	5.654	0.931	-1.017	0.456	0.820
ncMPN042	5.550	0.961	-0.815	-0.660	1.171
MPN380	6.972	0.950	-0.630	-0.221	0.581
MPN381	5.024	0.987	-1.299	-1.518	0.963
MPN382	6.220	0.988	-1.056	-1.989	1.030
ncMPN043	8.966	0.886	0.024	-1.518	0.420
ncMPN044	12.207	0.776	0.647	-0.554	0.723
ncMPN046	8.070	0.413	-0.068	-2.558	0.214
ncMPN047	10.780	0.290	0.824	-2.945	0.085
ncMPN430	4.943	0.949	1.120	-0.519	
ncMPN049	10.171	0.641	1.930	-0.978	0.096
MPN397	4.892	0.933	-2.244	-3.971	0.268
ncMPN050	5.697	0.821	-0.030	-0.284	0.209
ncMPN051	6.074	0.771	1.012	-0.075	0.118
ncMPN052	10.108	0.641	1.257	-0.665	0.127
ncMPN053	4.479	0.984	0.812	-0.891	1.374
MPN402	6.341	0.956	0.552	0.238	0.664
MPN403	10.654	0.908	-0.102	-0.668	1.062
MPN404	11.330	0.835	0.113	-0.225	0.568
MPN405	14.722	0.646	0.148	0.293	0.549
MPN406	7.977	0.935	-1.544	-1.729	3.836
MPNt23	69.733	0.087	-1.407	-0.915	
MPN408	6.373	0.985	-1.307	0.376	0.302
MPN409	13.116	0.682	-0.391	0.430	0.096

MPN410	5.570	0.877	-0.278	-2.926	0.042
MPN412	9.400	0.944	0.331	-3.540	0.065
MPN413	8.675	0.917	0.167	-4.407	0.054
MPN414	11.322	0.940	0.981	-0.887	0.073
MPN415	6.534	0.792	0.459	-1.436	0.098
MPN416	6.463	0.807	0.284	-2.564	0.159
MPN417	6.435	0.838	0.305	-1.512	0.083
ncMPN056	4.364	0.943	-0.390	-3.631	1.026
ncMPN057	5.913	0.859	0.476	-3.059	0.239
ncMPN058	9.556	0.906	1.214	-2.096	0.092
ncMPN059	12.570	0.311	1.984	-0.268	0.086
ncMPN060	7.162	0.791	-0.328	-1.916	0.233
MPN427	5.146	0.896	-0.986	-2.897	0.483
ncMPN062	7.790	0.457	0.213	-2.489	0.081
ncMPN063	4.415	0.689	0.362	-3.169	0.187
ncMPN065	7.437	0.870	0.714	-3.453	0.417
ncMPN066	9.266	0.876	0.313	-1.892	0.165
MPN441	27.196	0.087	-0.010	-2.608	0.168
ncMPN067	5.790	0.718	-0.893	-3.148	0.175
MPN445	5.547	0.964	-0.208	-0.230	1.147
ncMPN071	6.935	0.612	0.097	-2.119	0.157
ncMPN075	4.998	0.979	-0.928	-1.584	2.850
ncMPN076	16.232	0.484	2.372	-0.172	0.712
MPNt24	18.310	0.880	-1.104	-2.209	
MPNt25	14.125	0.967	-1.204	-2.009	
ncMPN077	6.181	0.958	-1.157	-0.998	0.877
ncMPN078	5.748	0.933	-2.604	0.015	0.201
MPNt26	12.321	0.198	3.237	-1.821	
ncMPN080	5.627	0.969	-1.783	-1.074	0.213
ncMPN081	8.756	0.955	0.680	-1.057	0.129
MPN461	6.214	0.946	-0.455	-2.747	1.012
MPN462	11.090	0.897	-0.124	-1.223	0.088

MPN463	10.332	0.865	0.730	-1.207	0.064
MPN464	17.029	0.759	1.970	-1.083	0.105
MPN464a	8.315	0.827	0.727	-2.573	0.150
MPN468	9.460	0.897	-0.695	-1.486	0.059
ncMPN426	23.434	0.245	-0.981	-1.913	0.520
MPNs04	907.989	0.008	-1.448	-0.067	25247.432
ncMPN087	4.251	0.980	-0.242	0.319	0.220

MPN483	5.195	0.984	-0.519	-1.045	0.372
MPN486	20.870	0.227	1.567	2.041	0.129
MPN487	6.708	0.951	-1.114	-0.703	0.310
MPN488	6.619	0.944	-0.894	-1.416	0.819
ncMPN088	17.841	0.903	-0.111	-0.565	12.233
ncMPN089	9.180	0.917	0.245	0.065	0.623
MPN491	7.063	0.967	-1.207	-1.156	4.590
ncMPN090	8.738	0.926	-0.448	-0.557	1.764
MPN498	7.761	0.920	-0.434	-2.857	0.963
MPN499	9.086	0.923	-0.139	-2.956	0.972
MPN500	13.486	0.874	1.352	-1.480	0.099
MPN501	9.670	0.705	1.283	-2.177	0.071
MPN502	10.940	0.943	0.470	-1.230	0.072
MPN503	10.915	0.871	1.117	-1.554	0.071
MPN504	5.271	0.796	-0.618	-3.921	0.666
MPN506	4.030	0.896	-1.895	-4.692	0.477
MPN507	4.488	0.972	-1.117	-3.324	0.137
ncMPN091	3.952	0.929	-1.744	-1.953	0.205
ncMPN092	4.693	0.951	-0.152	-3.982	0.341
ncMPN093	19.940	0.574	0.470	-0.668	0.159
ncMPN431	7.440	0.940	-0.141	-2.992	
ncMPN094	7.211	0.768	-0.844	0.361	0.202
MPN521	9.906	0.957	-2.387	-1.389	0.834
MPN522	14.995	0.843	-2.022	-0.571	0.989

MPNt34	12.454	0.795	-2.297	-1.706	
ncMPN095	9.047	0.934	-0.325	-0.379	0.127
MPN525	-73.325	0.366	-1.158	1.443	-3.780
MPN526	-66.633	0.486	-1.023	1.197	-3.349
MPNt36	22.129	0.929	-1.014	-1.585	
MPN528	7.937	0.943	-0.568	-2.635	1.088
MPN528a	8.573	0.925	-0.454	-2.356	0.935
MPN530	8.247	0.860	-0.760	-3.872	2.729
ncMPN407	14.922	0.883	-0.272	-1.973	1.048
ncMPN096	7.339	0.885	0.518	-2.847	0.264
MPN534	10.050	0.941	0.181	-1.898	0.442
MPN535	14.076	0.793	0.478	-0.756	0.412
MPN536	17.919	0.691	0.704	-0.952	0.441
MPN538	6.753	0.976	-0.751	-0.941	3.236
MPN539	8.322	0.981	-0.808	-0.759	3.275
MPN540	9.491	0.964	-0.959	-0.531	8.754

MPN542	6.513	0.825	-1.059	-3.020	1.364
MPN543	5.885	0.936	-1.446	-2.212	0.372
MPN544	7.148	0.926	-0.392	-1.944	0.147
ncMPN097	6.205	0.939	-0.770	-3.379	0.381
ncMPN098	6.739	0.977	3.980	-3.304	0.090
MPN557	5.096	0.872	-1.346	-2.230	0.322
MPN558	5.043	0.890	-0.788	-2.363	0.258
MPN559	5.649	0.892	-0.680	-2.021	0.239
MPN561	7.040	0.789	0.133	-4.827	0.220
ncMPN100	5.023	0.752	1.168	-3.210	0.044
ncMPN101	13.481	0.327	-1.049	-2.201	0.181
ncMPN103	7.918	0.550	0.981	-1.867	0.368
MPN578	33.363	0.117	-0.369	-3.042	0.218
ncMPN104	8.342	0.641	-0.198	-2.452	0.127
ncMPN105	6.142	0.910	0.636	-1.977	0.571

ncMPN432	9.474	0.943	-0.506	-1.187	
ncMPN106	5.344	0.892	0.151	-2.716	3.498
ncMPN107	8.354	0.746	0.546	-2.661	0.096
ncMPN108	5.884	0.835	-0.714	-2.383	0.106
ncMPN433	5.874	0.824	-0.376	-2.274	
MPN607	7.604	0.859	-0.423	-3.148	0.443
ncMPN109	6.324	0.937	-0.101	-3.036	0.146
MPN623	8.423	0.969	-0.050	-1.175	1.838
MPN624	7.687	0.942	-0.386	-1.456	4.304
MPN625	9.725	0.948	-0.508	-1.091	3.739
MPN626	7.495	0.734	-0.536	-0.682	0.076
ncMPN112	8.553	0.718	-0.606	-1.246	0.338
MPN631	6.118	0.906	-0.886	-3.460	1.797
MPN632	7.315	0.914	-0.881	-2.804	1.158
MPN633	5.280	0.942	-1.670	-1.627	0.460
MPN634	6.460	0.914	-1.127	-1.131	0.161
ncMPN113	7.211	0.688	-0.241	-1.532	0.632
MPN635	10.962	0.878	0.247	-0.340	0.147
MPN636	6.285	0.826	-0.698	-3.213	1.002
MPN637	5.628	0.974	-0.520	-1.504	0.177
MPN638	5.935	0.919	-1.122	-3.222	1.514
ncMPN114	7.140	0.757	0.975	-2.711	0.479
ncMPN115	6.753	0.586	-0.146	-2.881	0.105
MPN651	16.699	0.511	0.009	-1.970	0.125
MPN652	8.061	0.454	0.349	-3.542	0.075

MPN653	6.559	0.740	0.184	-3.736	0.248
MPN655	4.826	0.892	-0.137	-1.963	0.468
ncMPN119	26.655	0.144	-0.941	-inf	0.165
ncMPN121	6.534	0.692	-1.094	-1.391	0.260
ncMPN123	7.736	0.684	-0.361	-2.188	0.100
MPN666	4.696	0.919	-1.403	-3.119	1.281

MPN667	4.878	0.932	-1.016	-2.701	0.662
MPN669	5.923	0.984	0.088	-2.626	0.349
ncMPN124	6.659	0.723	0.084	-2.211	0.092
ncMPN428	6.367	0.980	0.515	-1.677	
MPN674	13.712	0.969	-0.944	-1.763	3.170
MPN676	12.544	0.801	-0.361	-3.099	0.156
ncMPN125	6.428	0.876	0.186	-1.412	0.262
ncMPN126	8.286	0.741	0.606	-1.781	0.143
ncMPN434	9.062	0.876	-0.371	1.104	
ncMPN127	8.933	0.884	-0.347	0.921	0.443
MPN688	-20.055	0.450	-1.563	1.279	-3.431
MPN687	-16.341	0.568	-2.244	2.350	-2.963
MPN686	-16.215	0.574	-1.366	2.073	-1.624
MPN685	16.319	0.939	-1.202	0.514	9.328
MPN684	56.563	0.427	-0.468	2.917	5.536
MPN683	95.592	0.233	-0.332	2.463	10.713
MPN682	16.147	0.944	-0.354	0.738	6.784
MPN681	16.089	0.962	-0.582	0.242	4.266
MPN680	23.380	0.972	-0.155	0.927	2.466
MPN679	17.735	0.947	-0.280	0.441	2.014
MPN678	18.751	0.945	-0.240	-0.132	3.844
MPN677	29.439	0.749	0.269	1.208	3.212
ncMPN376	-334.968	0.006	0.394	-0.491	-20.464
ncMPN375	20.735	0.878	-0.960	-0.489	72.801
MPN675	21.148	0.679	0.538	-0.517	1.095
MPN673	9.530	0.946	-0.546	-0.882	4.287
MPN672	12.820	0.953	-0.590	-1.382	5.508
MPN672a	12.144	0.944	-0.541	-0.884	3.626
MPN671	15.898	0.918	-0.483	0.244	3.948
MPN671a	18.889	0.846	-0.476	0.999	3.288
MPN670	23.959	0.836	0.266	-0.346	6.228
MPN668	6.624	0.902	-0.791	-2.825	2.820

MPN665	6.902	0.927	-1.321	-2.313	11.871
MPN664	7.097	0.952	-1.219	-1.923	4.438

MPN663	8.669	0.921	-0.612	-0.674	2.580
MPN662	8.929	0.970	-0.126	-1.286	3.417
MPN661	11.651	0.921	0.844	-0.684	0.769
MPN660	6.557	0.837	-1.180	-2.657	2.833
MPN659	6.409	0.912	-1.063	-2.095	1.951
MPN658	6.599	0.924	-0.825	-1.283	0.967
MPN657	7.867	0.905	-0.322	-0.542	0.585
MPN656	11.504	0.884	0.954	-0.095	0.336
MPN654	7.249	0.563	-0.062	-4.026	0.078
MPN650	6.479	0.728	-0.189	-2.658	0.323
MPN649	12.095	0.429	0.455	-3.021	0.139
MPN648	8.613	0.918	0.549	-1.533	0.285
MPN647	14.018	0.930	-0.070	-0.737	0.614
MPN646	26.994	0.796	-0.018	0.110	0.475
MPN645	24.838	0.601	-0.262	0.035	0.352
MPN644	22.063	0.741	-0.099	-0.077	0.323
MPN643	22.676	0.772	-0.483	-0.112	0.879
MPN642	17.814	0.885	-0.541	-0.436	0.879
MPN641	21.052	0.959	-0.689	-0.223	0.502
MPN640	23.446	0.811	-0.656	0.717	0.612
MPN639	16.998	0.821	-0.126	-1.113	0.489
MPN630	7.354	0.933	-0.432	-1.627	0.353
MPN629	10.378	0.880	-0.973	-1.949	2.549
MPN628	8.973	0.934	-0.835	-1.636	1.658
MPN627	7.802	0.953	-0.923	-1.612	1.199
MPN622	7.209	0.961	0.290	-1.520	7.112
MPN621	10.473	0.950	-0.430	0.209	2.840
MPN620	21.202	0.868	-0.488	0.205	1.425
MPN619	19.885	0.795	-0.611	0.408	1.339

MPN618	16.733	0.887	-1.206	0.326	1.331
MPN617	6.941	0.967	-0.596	-1.772	5.484
MPN616	8.397	0.955	-0.778	-0.906	3.196
MPN615	11.972	0.866	0.309	0.772	0.087
MPN614	903.955	0.001	0.879	0.600	6.670
MPN613	464.179	0.001	1.323	-0.829	3.308
MPN612	13.739	0.713	0.130	-1.826	0.130
MPN611	6.893	0.949	-0.062	-2.047	0.629
MPN610	7.487	0.983	-0.158	-0.767	0.392
MPN609	8.793	0.952	-0.546	-0.059	0.731
MPN608	11.082	0.891	-0.711	-0.857	0.973

MPN606	7.640	0.922	-1.105	-2.164	4.049
MPN605	7.338	0.948	-1.244	-1.512	1.533
MPN604	7.052	0.955	-0.256	-0.999	2.886
MPN603	7.520	0.941	-0.475	-1.668	3.795
MPN602	7.917	0.945	-0.265	-1.529	2.599
MPN601	8.182	0.941	0.118	-0.978	1.648
MPN600	8.066	0.926	-0.023	-0.983	2.057
MPN599	8.746	0.895	-0.203	-0.684	2.078
MPN598	9.366	0.819	-0.337	-1.616	2.571
MPN597	10.053	0.738	-0.049	-1.416	1.807
MPN596	13.818	0.759	0.774	-0.207	0.924
MPN595	12.346	0.858	0.262	-1.529	1.506
MPN594	10.084	0.942	-0.089	-1.638	1.349
MPN593	9.426	0.882	-0.722	-2.344	2.202
MPN592	10.999	0.920	-0.562	-1.123	8.361
MPN591	9.524	0.886	-0.661	-0.060	2.257
MPN590	24.286	0.716	0.114	1.349	0.886
MPN589	-141.125	0.028	0.833	1.494	-1.522
MPN588	7.744	0.727	-0.485	-3.241	1.401
MPN587	8.255	0.787	-0.637	-2.427	0.459

MPN586	10.895	0.838	0.525	-1.963	0.181
MPN585	8.782	0.780	0.575	-2.025	0.343
MPN584	6.611	0.919	0.332	-2.441	0.163
MPN583	7.012	0.929	-1.005	-1.612	0.296
MPN582	7.794	0.845	-0.002	-2.493	0.174
MPN581	5.476	0.894	-0.230	-2.459	0.754
MPN580	7.252	0.920	0.752	-2.729	0.124
MPN579	5.533	0.916	0.148	-2.457	0.512
MPN577	8.832	0.937	0.287	-1.223	0.134
MPN576	5.608	0.919	-1.225	-2.820	1.585
MPN575	10.300	0.813	-0.398	-1.121	0.411
MPN574	6.709	0.845	-0.465	-3.298	2.593
MPN573	7.355	0.877	-0.592	-3.291	2.713
MPN572	9.478	0.956	-0.214	-2.676	8.143
MPN571	6.559	0.857	-0.223	-2.755	0.058
MPN570	5.572	0.823	-0.272	-1.765	0.065
MPN569	6.634	0.939	0.183	-2.061	0.565
MPN568	8.282	0.928	-0.339	-0.985	0.537
MPN567	8.258	0.939	-0.709	-0.432	1.285
MPN566	9.896	0.885	-0.418	-0.178	1.444

MPN565	13.784	0.687	0.597	0.786	0.641
MPN564	6.291	0.932	-0.148	-3.008	3.173
MPN563	6.564	0.932	0.101	-2.152	0.631
MPN562	6.412	0.923	-0.598	-1.440	0.440
MPN560	8.461	0.929	-0.347	-1.753	1.237
MPNt37	17.815	0.764	-0.571	-1.556	
MPN556	7.119	0.899	-0.795	-2.367	1.453
MPN555	6.532	0.870	-1.386	-3.028	3.591
MPN554	6.168	0.874	-1.610	-2.735	1.972
MPN553	7.510	0.849	-1.357	-1.478	0.822
MPN552	8.542	0.878	-0.861	-1.336	0.436

MPN551	8.449	0.808	-0.422	-1.309	0.318
MPN550	7.241	0.876	-0.696	-1.240	0.356
MPN549	8.428	0.951	-0.822	-0.950	0.749
MPN548	8.323	0.934	-0.570	-1.199	0.433
MPN547	10.271	0.970	-1.490	-0.402	1.089
MPN546	11.961	0.951	-1.243	-0.230	1.002
MPN545	14.828	0.942	-1.048	0.300	0.664
MPN541	5.738	0.811	-0.345	-4.312	1.466
MPN537	6.681	0.954	0.358	-2.623	0.486
MPN533	6.941	0.912	-1.315	-2.341	3.715
MPN532	8.294	0.933	-0.817	-1.343	3.691
MPN531	14.477	0.850	-0.244	-2.572	0.752
MPN529	7.107	0.910	-0.458	-2.648	1.876
MPN527	9.182	0.916	0.845	-2.704	0.798
MPN524	8.802	0.975	-0.212	0.010	0.385
MPNt35	21.226	0.723	2.945	-1.825	
MPN523	12.350	0.952	4.229	-1.504	5.160
MPN520	26.325	0.892	2.418	0.777	2.991
MPN519	170.389	0.043	2.929	0.455	14.683
MPN518	24.714	0.809	2.071	-0.840	4.969
MPN517	23.561	0.777	1.267	-0.398	4.240
MPN516	32.524	0.544	-1.159	1.522	9.516
MPN515	133.314	0.046	-0.089	1.032	55.231
MPN514	32.697	0.459	-0.615	0.017	0.885
MPN513	4589.804	0.000	-0.260	0.168	45.645
MPN512	6.187	0.785	-0.679	-3.504	1.270
MPN511	6.116	0.808	-0.857	-2.895	0.832
MPN510	10.375	0.889	-0.091	-0.094	0.366
MPN509	6.236	0.904	0.256	-0.941	1.126

MPN508	7.914	0.846	0.150	-2.537	0.569
MPN505	5.621	0.956	-0.473	-2.488	0.089

MPN497	6.985	0.891	-0.868	-1.771	2.672
MPN496	16.228	0.370	0.926	0.305	0.272
MPN495	10.937	0.876	0.222	-1.455	1.131
MPN494	11.425	0.874	0.357	-0.896	0.670
MPN493	11.631	0.916	0.363	-1.545	0.500
MPN492	15.716	0.864	0.696	-0.848	0.505
MPN490	13.091	0.961	1.010	-2.180	0.621
MPN489	11.590	0.944	0.074	0.089	0.880
MPN485	10.462	0.968	0.649	0.306	0.065
MPN484	7.178	0.893	1.703	-2.327	0.435
MPN482	6.075	0.897	-0.577	-1.262	2.006
MPN481	6.499	0.951	-0.143	-0.814	0.636
MPN480	7.615	0.940	-0.132	0.530	0.400
MPN479	7.063	0.989	-0.377	-1.412	1.435
MPN478	6.681	0.992	-0.469	-1.340	1.619
MPN477	7.444	0.958	-0.048	-0.140	0.713
MPN476	9.264	0.953	-0.190	-0.236	0.659
MPN475	9.155	0.943	-0.609	0.203	0.510
MPN474a	6.718	0.987	-1.094	-0.895	1.478
MPN474	7.645	0.981	-1.393	-0.141	2.653
MPN473	9.431	0.949	-0.721	-0.180	0.928
MPN472	8.106	0.970	-0.268	-0.959	1.488
MPN471	8.670	0.977	-0.421	-1.077	13.015
MPN470	10.595	0.970	-0.289	-0.914	8.863
MPN469	12.200	0.919	0.340	-0.471	2.908
MPN467	4.985	0.828	-1.047	-3.357	0.066
MPN466	5.627	0.929	-1.097	-3.309	0.194
MPN465	8.649	0.738	0.227	-0.883	0.057
MPN460	6.215	0.971	0.143	-1.830	0.614
MPNt33	9.023	0.893	-2.131	-2.232	
MPNt32	10.479	0.882	-2.122	-2.327	
MPNt31	10.974	0.860	-2.020	-2.401	

MPNt30	12.734	0.863	-1.777	-2.398	
MPNt29	10.373	0.875	-1.256	-2.460	
MPNt28	8.443	0.907	-0.869	-2.124	
MPNt27	6.893	0.948	0.518	-1.989	
MPN459	5.164	0.943	4.101	-0.819	0.466
MPN458	6.182	0.944	4.662	-0.599	0.419

MPN457	9.509	0.883	6.378	-0.232	0.189
MPN456	6.282	0.937	-0.117	-0.203	0.823
MPN455	5.719	0.991	-0.644	-1.104	2.494
MPN454	6.000	0.988	-0.715	-0.405	4.158
MPN453	6.390	0.976	-1.011	0.000	1.672
MPN452	6.965	0.957	-0.927	0.410	3.299
MPN451	10.707	0.729	-0.247	-0.268	0.221
MPN450	6.364	0.979	-0.395	-2.663	0.956
MPN449	5.345	0.982	-0.658	-1.468	1.267
MPN448	5.817	0.970	-0.372	-1.111	0.598
MPN447	5.413	0.972	-0.997	-1.962	2.242
MPN446	6.536	0.969	0.133	-1.726	5.771
MPN444	7.610	0.973	-0.838	-0.339	1.520
MPN443	9.347	0.917	-0.633	0.308	1.156
MPN442	9.750	0.855	-0.766	0.238	0.963
MPN440	159.446	0.037	0.366	0.964	1.501
MPN439	10.014	0.533	0.382	-1.886	0.244
MPN438	13.029	0.505	0.775	-1.524	0.121
MPN437	6.295	0.711	0.187	-2.244	0.095
MPN436	5.166	0.957	-0.464	-1.738	0.687
MPN435	5.295	0.955	0.028	-1.512	0.401
MPN434	7.193	0.969	0.174	-2.889	5.322
MPN433	6.164	0.938	-1.375	0.003	0.234
MPN432	5.407	0.946	-0.365	-2.290	0.737
MPN431	5.797	0.962	-0.396	0.117	0.282

MPN430	5.840	0.980	-0.517	-2.373	7.200
MPN429	6.329	0.978	-0.502	-1.910	4.376
MPN428	6.337	0.966	-0.233	-0.820	3.976
MPN426	6.864	0.976	-0.422	-0.188	0.568
MPN425	6.437	0.930	-0.559	0.068	0.645
MPN424	6.654	0.906	-0.713	0.290	0.685
MPN423	6.576	0.972	-0.241	-1.153	0.967
MPN422	7.403	0.975	0.076	-0.480	0.757
MPN421	6.216	0.984	-0.646	-2.154	1.256
MPN420	6.824	0.988	-1.025	-1.759	1.814
MPN419	7.526	0.912	-0.986	0.056	1.088
MPN418	6.998	0.983	-0.770	-1.064	0.433
MPN411	6.715	0.737	0.896	-3.954	0.060
MPN407	5.301	0.971	0.072	-1.707	0.295
MPN401	4.910	0.973	-0.220	-0.999	1.619

MPNt22	8.021	0.973	-1.797	-1.018	
MPNt21	13.384	0.984	-1.675	-1.080	
MPNt20	10.754	0.959	-1.661	-1.414	
MPNt19	8.441	0.953	-1.929	-1.090	
MPNt18	20.865	0.903	-0.984	-0.573	
MPN400	5.811	0.932	-0.337	-0.877	10.815
MPN399	6.039	0.925	-0.370	-0.185	3.622
MPN398	6.764	0.881	0.092	0.366	2.220
MPN396	6.174	0.940	-0.409	-1.098	1.403
MPN395	5.706	0.947	-0.484	-0.689	1.199
MPN394	4.476	0.968	-1.568	-2.693	3.344
MPN393	4.821	0.960	-1.161	-2.559	4.980
MPN392	6.222	0.944	-0.774	-3.058	8.300
MPN391a	81.416	0.313	-1.183	-1.631	3189.459
MPN391	5.068	0.918	-0.574	-2.611	2.892
MPN390	4.441	0.917	-0.858	-3.383	3.056

MPN389	4.475	0.936	-1.173	-2.511	3.176
MPN388	4.636	0.931	-1.007	-2.140	2.903
MPN387	6.068	0.909	-0.841	-1.413	2.930
MPNs01	62.671	0.126	-1.098	-0.142	29.599
MPN386	4.798	0.921	-1.092	-2.508	2.018
MPN385	5.268	0.898	-0.588	-3.285	0.730
MPN384	5.686	0.937	-0.420	-1.887	1.055
MPN383	5.464	0.960	-0.061	-1.943	1.165
MPNt17	9.997	0.739	-0.870	-1.674	
MPN376	6.182	0.906	-0.548	-0.093	10.387
MPN375	5.326	0.936	-1.929	-0.879	0.451
MPN374	4.105	0.771	-1.886	1.122	0.041
MPN373	9.090	0.793	-0.277	-2.732	0.280
MPN371	9.643	0.966	1.199	-4.551	0.060
MPN369	5.991	0.812	-0.390	-4.746	0.080
MPNt14	9.135	0.892	-1.241	-0.542	
MPN357	5.429	0.924	-0.864	0.043	0.810
MPN356	6.486	0.891	-0.401	-0.223	0.551
MPN355	6.280	0.858	-0.476	-0.343	0.474
MPN354	6.607	0.939	-0.289	-1.936	0.802
MPN353	6.760	0.928	-0.171	-1.516	0.388
MPN352	6.284	0.875	-0.443	0.531	3.160
MPN351	7.373	0.799	-0.431	1.335	0.803
MPN350	7.687	0.892	-0.053	-0.142	0.662

MPN336	4.191	0.845	-0.263	-4.571	0.330
MPN313	8.417	0.844	0.961	-2.350	0.101
MPN293	5.643	0.990	-0.569	-0.776	0.768
MPN292	7.730	0.975	-1.049	0.119	0.629
MPN291	8.114	0.947	-1.997	0.093	0.674
MPN276	5.031	0.962	-0.373	-1.726	0.533
MPN274	7.550	0.796	0.162	-2.941	0.581

MPN273	5.474	0.911	-1.188	-2.398	1.413
MPN265	4.989	0.861	-1.308	-3.503	0.417
MPN245	4.453	0.923	-1.117	-4.092	0.341
MPN214	4.745	0.893	0.647	-3.382	0.368
MPN206	13.615	0.117	3.136	-1.558	0.086
MPN139	10.838	0.901	0.407	-0.360	0.337
MPN138	8.472	0.986	0.014	-0.245	0.487
MPN137	9.814	0.948	-0.228	-1.150	0.533
MPN124	13.557	0.851	-1.318	-0.931	1.098
MPNt04	-15.627	0.424	-1.272	0.398	
MPN118	8.314	0.968	0.253	-0.604	0.475
MPN103	12.211	0.573	0.333	-1.016	0.091
MPNt03	77.165	0.324	-0.524	-1.093	
MPN077	10.078	0.987	-1.857	-0.407	1.633
MPN076	9.009	0.974	-1.295	-2.346	3.689
MPN074	9.395	0.807	-0.028	-1.524	0.756
MPN073	9.931	0.874	-0.016	-0.898	1.442
MPN072	11.192	0.864	-0.453	0.106	1.209
MPN071	14.329	0.705	-0.318	1.274	0.730
MPN070	10.012	0.774	-0.726	-0.910	1.641
MPN069	10.646	0.946	0.293	0.156	9.722
MPN068	13.037	0.946	0.166	0.168	6.382
MPN067	13.754	0.983	-0.585	0.718	3.896
MPN061	8.128	0.833	-0.646	-2.525	0.982
MPN051	6.157	0.844	-0.724	-4.585	0.884
MPN050	5.459	0.885	-0.872	-3.898	0.816
MPN044	10.437	0.737	-0.636	-1.285	3.501
MPN040	13.913	0.361	2.319	-1.495	0.103
MPN038	6.394	0.705	0.605	-3.891	0.115
MPN037a	4.820	0.940	0.192	-2.825	0.209
MPN034	7.223	0.963	-0.552	-0.926	0.864
MPN033	9.954	0.937	-0.255	-0.341	0.998

MPN032	9.556	0.949	-0.598	-0.986	1.547
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MPN027	6.874	0.786	-0.590	-2.211	0.215
MPNt02	11.037	0.797	-0.383	-2.571	
MPNt01	12.283	0.880	-0.575	-2.263	
MPN017	7.001	0.957	-0.489	-1.755	0.720
MPN016	6.032	0.968	-0.281	-2.483	0.862
MPN015	6.778	0.936	-0.027	-2.235	0.993
MPN012	6.466	0.796	-1.069	-4.377	0.319
MPN011	4.916	0.922	-0.174	-4.449	0.083
ncMPN373	9.073	0.787	-1.626	-2.988	0.328
ncMPN371	8.811	0.734	1.082	-1.376	0.332
MPN654	7.249	0.563	-0.062	-4.026	0.078
ncMPN370	8.172	0.515	0.329	-5.394	0.119
ncMPN381	10.586	0.461	0.267	-3.489	0.334
ncMPN369	10.499	0.496	0.076	-3.213	0.110
ncMPN368	11.183	0.895	0.153	-1.772	1.006
ncMPN367	5.282	0.918	-0.180	-2.724	0.421
ncMPN390	9.027	0.952	-0.926	0.416	0.736
ncMPN359	9.561	0.612	0.352	-1.695	0.159
ncMPN357	6.788	0.891	-1.022	-1.691	0.779
ncMPN355	16.680	0.787	3.212	-0.558	0.289
ncMPN354	10.956	0.641	1.715	-2.434	0.122
ncMPN353	5.193	0.924	0.426	-2.501	0.156
ncMPN351	146.067	0.065	5.011	0.967	4.899
ncMPN344	6.605	0.845	-0.410	-3.052	0.762
ncMPN343	9.961	0.969	-0.263	-1.922	0.343
ncMPN341	38.868	0.404	2.467	0.819	1.375
ncMPN340	19.978	0.861	2.936	-0.964	0.151
ncMPN398	5.568	0.912	-0.442	-0.534	1.464
ncMPN339	6.518	0.957	-0.233	-1.749	1.123
ncMPN338	5.193	0.938	-0.459	-2.578	2.836

ncMPN337	4.769	0.933	-0.374	-2.411	2.115
ncMPN336	7.483	0.730	1.721	-1.705	0.253
ncMPN333	9.245	0.386	-0.480	-1.280	0.119
ncMPN329	7.051	0.706	1.011	-2.456	0.150
ncMPN328	13.049	0.230	-1.060	-3.614	0.189
ncMPN327	8.815	0.945	0.676	-2.451	0.097
ncMPN388	5.084	0.825	0.462	-4.219	0.031
ncMPN326	5.772	0.827	-1.158	-1.721	0.117
ncMPN324	11.655	0.877	0.909	-0.486	0.520
ncMPN323	12.640	0.291	1.588	-3.807	0.397

ncMPN321	4.718	0.621	-0.404	-3.387	2.548
ncMPN320	5.953	0.917	-0.073	-3.707	0.085
ncMPN319	10.646	0.455	-0.160	-2.470	0.168
ncMPN318	6.296	0.671	0.109	-4.366	0.307
ncMPN313	3.672	0.962	-0.017	-3.245	0.939
ncMPN308	4.901	0.967	-0.660	-1.268	0.335
ncMPN306	6.181	0.926	-0.256	-1.459	0.476
ncMPN298	7.930	0.959	-0.449	-2.435	0.304
ncMPN297	5.394	0.824	-0.678	-1.930	0.619
ncMPN289	13.620	0.413	1.319	-7.799	0.099
ncMPN288	9.377	0.716	-0.419	-4.317	0.577
ncMPN421	16.168	0.178	0.948	-1.279	0.100
ncMPN283	7.193	0.957	0.403	-2.054	0.081
ncMPN282	5.245	0.981	0.281	-2.211	0.178
ncMPN272	6.580	0.887	-1.900	-3.250	0.072
ncMPN269	9.745	0.912	0.528	-1.271	0.121
ncMPN257	5.987	0.917	0.092	-2.046	1.146
ncMPN246	7.384	0.812	-1.094	-1.863	0.894
ncMPN237	4.556	0.876	0.337	-1.135	0.400
ncMPN235	4.883	0.958	-0.795	-2.050	0.960
ncMPN231	9.279	0.830	-1.418	-1.365	0.460

ncMPN228	-41.139	0.217	1.120	1.456	-0.741
ncMPN226	-648.786	0.001	1.252	0.774	-11.742
ncMPN387	6.256	0.440	0.434	-4.433	0.043
ncMPN229	7.766	0.790	0.426	-2.173	0.067
ncMPN227	8.529	0.562	0.239	-2.377	0.230
ncMPN225	6.470	0.940	0.540	-1.628	0.136
ncMPN224	8.526	0.533	1.006	-3.681	0.089
ncMPN223	5.535	0.961	1.493	-2.853	0.111
ncMPN222	11.023	0.744	0.903	-0.803	0.156
ncMPN221	6.766	0.825	0.343	-1.819	0.079
ncMPN220	5.561	0.742	-0.342	-4.443	0.275
ncMPN218	8.910	0.687	1.392	-6.321	0.244
ncMPN217	13.799	0.354	1.036	-2.760	0.100
ncMPN215	14.533	0.167	1.006	-1.155	0.156
ncMPN213	14.096	0.467	1.087	-1.810	0.296
ncMPN210	5.818	0.824	-0.514	-2.345	0.109
ncMPN208	5.927	0.954	0.150	-1.733	0.573
ncMPN206	8.101	0.587	0.445	-2.963	0.204
ncMPN204	5.178	0.920	-0.256	-3.244	2.047
ncMPN202	6.941	0.862	0.383	-1.556	0.080
ncMPN201	-68.665	0.117	-0.441	0.688	-4.323
ncMPN200	236.784	0.001	0.416	0.605	2.134

Supplementary Table 4. Half-lives. coefficient of determination of the expression values adjusted to an exponential decay curve. \log_2 fold change of expression due to RNase III KO. \log_2 fold change of expression due to novobiocin treatment at 10 $\mu\text{g/ml}$ during 30 min and transcription rate for each gene in *M. pneumoniae*.