

S3 Table
RpoF promoters (RegulonDB)

[A] Promoters not identified as the constitutive promoters

Promoter	SELEX	Direction	Genome position	Evidence
<i>yjcSp</i>	-	reverse	0	HIPPIW
<i>fliDp1</i>	-	forward	0	HIPPIW
<i>insLp6</i>	-	forward	15436	ICWHOIW
<i>caiEp7</i>	-	reverse	35399	ICWHOIW
<i>caiEp3</i>	-	reverse	35499	ICWHOIW
<i>hemLp1</i>	-	reverse	174902	HIPPIW, IEPIW
<i>hemLp</i>	-	reverse	174921	TIMIS
<i>hemLp2</i>	-	reverse	174941	HIPPIW
<i>dxrp4</i>	-	forward	193338	ICWHOIW
<i>ykfBp1</i>	-	reverse	265382	HIPPIW
<i>ykfBp2</i>	-	reverse	265451	HIPPIW
<i>yagGp9</i>	-	forward	284431	ICWHOIW
<i>ykgCp8</i>	-	reverse	319312	ICWHOIW
<i>yailp3</i>	-	forward	404947	ICWHOIW
<i>ampGp6</i>	-	reverse	452908	ICWHOIW
<i>ybaYp3</i>	-	forward	474469	ICWHOIW
<i>ybaMp3</i>	-	reverse	489548	ICWHOIW
<i>ybaNp9</i>	-	forward	490103	ICWHOIW
<i>ybbJp1</i>	-	reverse	514301	ICWHOIW
<i>ybdJp5</i>	-	reverse	605487	ICWHOIW
<i>insLp5</i>	-	forward	607279	ICWHOIW
<i>rnkp7</i>	-	reverse	643403	ICWHOIW
<i>cobCp6</i>	-	reverse	669269	ICWHOIW
<i>ybfAp8</i>	-	forward	728305	ICWHOIW
<i>galMp4</i>	-	reverse	788121	ICWHOIW
<i>ybhNp5</i>	-	reverse	821871	ICWHOIW
<i>ybiXp2</i>	-	reverse	838497	ICWHOIW
<i>ybiWp4</i>	-	reverse	862006	ICWHOIW
<i>clpSp7</i>	-	forward	922135	ICWHOIW
<i>ycalp8</i>	-	forward	963331	ICWHOIW
<i>torTp7</i>	-	forward	1055430	ICWHOIW
<i>ymdAp9</i>	-	forward	1104635	ICWHOIW
<i>ycelp5</i>	-	reverse	1117864	ICWHOIW
<i>lolCp6</i>	-	forward	1174597	ICWHOIW
<i>ycfDp5</i>	-	reverse	1187493	ICWHOIW

<i>nudJp6</i>	-	reverse	1193660	ICWHOIW
<i>ymgEp7</i>	-	forward	1243778	ICWHOIW
<i>lolBp</i>	-	reverse	1262779	HIPPIW
<i>trpAp8</i>	-	reverse	1315265	ICWHOIW
<i>pgpBp8</i>	-	forward	1337206	ICWHOIW
<i>insHp7</i>	-	forward	1393995	ICWHOIW
<i>ydcFp4</i>	-	forward	1485255	ICWHOIW
<i>trgp1</i>	-	forward	1490463	HIPPIW, HTTIMIS
<i>yncDp11</i>	-	reverse	1521300	ICWHOIW
<i>vesp</i>	-	reverse	1823008	TIMIS
<i>ynjFp6</i>	-	reverse	1839635	ICWHOIW
<i>ynjHp</i>	-	reverse	1840187	AIPPIW, HIPPIW
<i>ynjHp2</i>	-	reverse	1840212	HIPPIW
<i>dmlAp4</i>	-	forward	1879736	ICWHOIW
<i>yoaCp7</i>	-	reverse	1892136	ICWHOIW
<i>prcp1</i>	-	reverse	1913051	ICWHOIW
<i>tarp</i>	-	reverse	1970740	HIPPIW, TIMIS
<i>flhCp3</i>	-	reverse	1975956	ICWHOIW
<i>yecJp4</i>	-	reverse	1985826	ICWHOIW
<i>yecFp</i>	-	forward	1993741	HIPPIW
<i>fliCp</i>	-	reverse	2001700	FPIS, HIPPIW
<i>fliFp</i>	-	forward	2011229	HIPPIW
<i>fliLp2</i>	-	forward	2017619	HIPPIW, TIMIS
<i>yedVp6</i>	-	reverse	2036226	ICWHOIW
<i>yodBp14</i>	-	forward	2040285	ICWHOIW
<i>insHp4</i>	-	reverse	2065535	ICWHOIW
<i>yeiRp3</i>	-	forward	2265764	ICWHOIW
<i>ecop7</i>	-	forward	2301873	ICWHOIW
<i>rscCp5</i>	-	reverse	2318001	ICWHOIW
<i>yfaDp5</i>	-	forward	2354712	ICWHOIW
<i>yfdPp9</i>	-	forward	2471594	ICWHOIW
<i>insLp5</i>	-	forward	2512344	ICWHOIW
<i>yfeXp5</i>	-	reverse	2548700	ICWHOIW
<i>yfeZp3</i>	-	reverse	2549943	ICWHOIW
<i>ppkp5</i>	-	forward	2620896	ICWHOIW
<i>pbpCp1</i>	-	reverse	2645515	ICWHOIW
<i>yphBp2</i>	-	reverse	2672817	ICWHOIW
<i>kgtPp7</i>	-	reverse	2723782	ICWHOIW
<i>yfiRp8</i>	-	forward	2739724	ICWHOIW
<i>ygbKp</i>	-	forward	2860219	HIPPIW
<i>ispFp2</i>	-	reverse	2869933	ICWHOIW

<i>ygdGp2</i>	-	forward	2928895	ICWHOIW
<i>ygdRp5</i>	-	forward	2969269	ICWHOIW
<i>yqelp8</i>	-	forward	2986437	ICWHOIW
<i>yggLp3</i>	-	reverse	3100276	ICWHOIW
<i>glcAp12</i>	-	reverse	3119343	ICWHOIW
<i>aerp</i>	-	reverse	3217142	HIPPIW, TIMIS
<i>ygjQp6</i>	-	forward	3234484	ICWHOIW
<i>alxp3</i>	-	forward	3236577	ICWHOIW
<i>rsmlp6</i>	-	reverse	3291415	ICWHOIW
<i>yraQp4</i>	-	reverse	3296229	ICWHOIW
<i>nlplp2</i>	-	reverse	3307062	ICWHOIW
<i>yhcFp5</i>	-	forward	3364911	ICWHOIW
<i>yhcMp4</i>	-	reverse	3378141	ICWHOIW
<i>tldDp7</i>	-	reverse	3390206	ICWHOIW
<i>rrfFp2</i>	-	reverse	3421729	ICWHOIW
<i>slyDp5</i>	-	reverse	3476562	ICWHOIW
<i>nudEp9</i>	-	reverse	3524351	ICWHOIW
<i>yrfFp12</i>	-	forward	3524425	ICWHOIW
<i>hslOp3</i>	-	forward	3527755	ICWHOIW
<i>rtcAp6</i>	-	reverse	3554970	ICWHOIW
<i>rsmDp11</i>	-	forward	3602338	ICWHOIW
<i>dcrBp8</i>	-	forward	3607936	ICWHOIW
<i>yhiMp10</i>	-	forward	3632658	ICWHOIW
<i>yhjHp</i>	-	reverse	3677252	AIPPIW, HIPPIW
<i>ghrBp2</i>	-	forward	3715212	ICWHOIW
<i>glmSp2</i>	-	reverse	3911834	ICWHOIW
<i>hsrAp6</i>	-	reverse	3938729	ICWHOIW
<i>aspTp1</i>	-	forward	3944803	ICWHOIW
<i>trpTp2</i>	-	forward	3944803	ICWHOIW
<i>hdfRp6</i>	-	reverse	3946183	ICWHOIW
<i>yifBp9</i>	-	forward	3948007	ICWHOIW
<i>rhtCp2</i>	-	forward	4005762	ICWHOIW
<i>ubiEp4</i>	-	forward	4016770	ICWHOIW
<i>yihOp3</i>	-	reverse	4063994	ICWHOIW
<i>frvRp4</i>	-	reverse	4087925	ICWHOIW
<i>pflDp4</i>	-	forward	4141881	ICWHOIW
<i>yjaHp1</i>	-	forward	4198534	ICWHOIW
<i>purDp1</i>	-	reverse	4204009	ICWHOIW
<i>yjaAp4</i>	-	forward	4211143	ICWHOIW
<i>rluFp6</i>	-	forward	4228185	ICWHOIW
<i>yjdAp2</i>	-	forward	4325087	HIPPIW

<i>yjdAp1</i>	-	forward	4325102	HIPPIW
<i>ytfIp11</i>	-	forward	4435640	ICWHOIW
<i>yjgAp11</i>	-	reverse	4456069	ICWHOIW
<i>yjgAp9</i>	-	reverse	4456088	ICWHOIW
<i>yjgAp5</i>	-	reverse	4456104	ICWHOIW
<i>tabAp5</i>	-	forward	4472806	ICWHOIW
<i>yjhUp8</i>	-	reverse	4518563	ICWHOIW

[B] Promoters identified as the constitutive promoters by SELEX

<i>fliAp2</i>	46.2	reverse	1999832	HIPPIW, TIMIS
<i>flgKp</i>	27.2	forward	1137574	HIPPIW
<i>flxAp</i>	23.2	forward	1644412	AIPPIW, HIPPIW
<i>flgMp</i>	15.0	reverse	1129388	HIPPIW
<i>modAp1</i>	9.2	forward	794218	HIPPIW
<i>yecHp5</i>	7.9	reverse	1987676	ICWHOIW
<i>tsrp</i>	5.3	forward	4589656	HIPPIW
<i>yhiLp</i>	4.8	reverse	0	HIPPIW
<i>ycgRp</i>	4.6	reverse	1243779	HIPPIW
<i>greBp8</i>	4.3	forward	3534766	ICWHOIW
<i>chbGp5</i>	4.2	reverse	1815336	ICWHOIW
<i>cldp10</i>	3.5	reverse	2096499	ICWHOIW
<i>fliEp</i>	3.4	reverse	2011117	HIPPIW
<i>adhPp5</i>	3.3	reverse	1552018	ICWHOIW
<i>ppdAp</i>	3.2	reverse	2962242	HIPPIW
<i>motAp</i>	3.1	reverse	1975326	HIPPIW
<i>fryAp6</i>	2.9	reverse	2502515	ICWHOIW
<i>yjcOp3</i>	2.9	reverse	4295353	ICWHOIW
<i>oppAp</i>	2.2	forward	1299109	AIPPIW, NTASIW
<i>yjdLp4</i>	2.1	reverse	4354530	ICWHOIW