

S4 Table
RpoE promoters (RegulonDB)

[A] Promoters not identified as the constitutive promoters

Promoter	SELEX	Direction	Genome position	Evidence
<i>surAp</i>	-	reverse	0	NTASIW, TASESIW
<i>yaaAp3</i>	-	reverse	6587	ICWHOIW
<i>apaHp4</i>	-	reverse	51293	ICWHOIW
<i>impp3</i>	-	reverse	57336	HIPPIW, TIMIS
<i>rluAp1</i>	-	reverse	60450	ICWHOIW
<i>leuDp4</i>	-	reverse	79594	ICWHOIW
<i>ampDp5</i>	-	forward	118681	ICWHOIW
<i>yadEp3</i>	-	forward	144965	ICWHOIW
<i>panCp2</i>	-	reverse	148920	ICWHOIW
<i>yadNp1</i>	-	reverse	156984	ICWHOIW
<i>gluQp1</i>	-	reverse	160143	ICWHOIW
<i>yadSp7</i>	-	reverse	177757	ICWHOIW
<i>degPp</i>	-	forward	180845	HIPPIW, TIMIS
<i>frrp6</i>	-	forward	192849	ICWHOIW
<i>dxrp5</i>	-	forward	193411	ICWHOIW
<i>dxrp1</i>	-	forward	193471	ICWHOIW
<i>rsePp</i>	-	forward	196470	HIPPIW, TIMIS
<i>bamAp2</i>	-	forward	197026	AIPPIW
<i>bamAp</i>	-	forward	197821	HIPPIW, TIMIS
<i>hlpAp</i>	-	forward	200455	HIPPIW, TIMIS
<i>lpxDp</i>	-	forward	200960	HIPPIW, TIMIS
<i>yaeFp1</i>	-	reverse	217135	ICWHOIW
<i>lpcAp1</i>	-	forward	243468	ICWHOIW
<i>ykflp7</i>	-	reverse	263042	ICWHOIW
<i>mmuPp1</i>	-	forward	274343	ICWHOIW
<i>mmuPp2</i>	-	forward	274539	ICWHOIW
<i>ykgJp2</i>	-	reverse	303482	ICWHOIW
<i>matAp1</i>	-	reverse	310617	ICWHOIW
<i>matAp5</i>	-	reverse	310670	ICWHOIW
<i>ykgLp1</i>	-	forward	311163	ICWHOIW
<i>ykgBp3</i>	-	reverse	317600	ICWHOIW
<i>yaiOp6</i>	-	reverse	380074	ICWHOIW
<i>yaiPp5</i>	-	reverse	383209	ICWHOIW
<i>yaiSp13</i>	-	reverse	383962	ICWHOIW
<i>insFp4</i>	-	reverse	391884	ICWHOIW

<i>sbmAp</i>	-	forward	395777	AIPPIW, HIPPIW, TIMIS
<i>yailp7</i>	-	forward	404922	ICWHOIW
<i>sbcCp2</i>	-	reverse	415071	ICWHOIW
<i>yajlp6</i>	-	reverse	432258	ICWHOIW
<i>ampGp5</i>	-	reverse	452851	ICWHOIW
<i>clpXp</i>	-	forward	456426	AIPPIW, TIMIS
<i>fadMp1</i>	-	forward	463584	ICWHOIW
<i>ybaNp1</i>	-	forward	489942	ICWHOIW
<i>ybaBp</i>	-	forward	492933	AIPPIW, TIMIS
<i>ybaPp6</i>	-	reverse	507508	ICWHOIW
<i>ylbAp2</i>	-	reverse	543280	ICWHOIW
<i>fimZp3</i>	-	reverse	563830	ICWHOIW
<i>intDp6</i>	-	reverse	565324	ICWHOIW
<i>essDp</i>	-	forward	576096	AIPPIW, TIMIS
<i>ybcWp4</i>	-	forward	579028	ICWHOIW
<i>ybcHp4</i>	-	reverse	587293	ICWHOIW
<i>ybdFp5</i>	-	reverse	605276	ICWHOIW
<i>ybdKp3</i>	-	reverse	606784	ICWHOIW
<i>hokEp</i>	-	forward	606954	AIPPIW
<i>ybdDp2</i>	-	forward	631214	ICWHOIW
<i>ybdMp2</i>	-	reverse	634778	ICWHOIW
<i>ahpFp</i>	-	forward	638225	AIPPIW, TIMIS
<i>citTp4</i>	-	reverse	645855	ICWHOIW
<i>crcBp4</i>	-	reverse	657231	ICWHOIW
<i>lipBp2</i>	-	reverse	661624	ICWHOIW
<i>dacAp2</i>	-	reverse	663190	ICWHOIW
<i>cobCp7</i>	-	reverse	669167	ICWHOIW
<i>ybeRp7</i>	-	forward	675783	ICWHOIW
<i>ybeQp1</i>	-	reverse	675929	ICWHOIW
<i>rihAp3</i>	-	reverse	683825	ICWHOIW
<i>insHp3</i>	-	reverse	688428	ICWHOIW
<i>Intp4</i>	-	reverse	690207	ICWHOIW
<i>ybfFp1</i>	-	reverse	712069	ICWHOIW
<i>ybfHp</i>	-	reverse	715864	AIPPIW, TIMIS
<i>potEp1</i>	-	reverse	717567	ICWHOIW
<i>ybfAp7</i>	-	forward	728260	ICWHOIW
<i>ybgOp4</i>	-	reverse	748405	ICWHOIW
<i>ybgDp9</i>	-	reverse	752181	ICWHOIW
<i>ybgSp2</i>	-	reverse	784682	ICWHOIW
<i>ybhHp8</i>	-	forward	799775	ICWHOIW
<i>rlmFp1</i>	-	forward	841415	ICWHOIW

<i>ybiUp5</i>	-	reverse	858323	ICWHOIW
<i>ybjOp4</i>	-	forward	897075	ICWHOIW
<i>hcrp3</i>	-	reverse	911423	ICWHOIW
<i>hcpp2</i>	-	reverse	913352	AIPPIW, TIMIS
<i>ybjEp3</i>	-	reverse	914124	ICWHOIW
<i>aqpZp2</i>	-	reverse	915435	ICWHOIW
<i>cydCp5</i>	-	reverse	928623	ICWHOIW
<i>ycaLp1</i>	-	forward	959355	ICWHOIW
<i>ycaLp8</i>	-	forward	959366	ICWHOIW
<i>elfAp6</i>	-	forward	996988	ICWHOIW
<i>elfDp1</i>	-	forward	997544	ICWHOIW
<i>yccXp7</i>	-	forward	1029217	ICWHOIW
<i>gfcAp1</i>	-	reverse	1049057	ICWHOIW
<i>torTp1</i>	-	forward	1055443	ICWHOIW
<i>torTp2</i>	-	forward	1055445	ICWHOIW
<i>rutGp2</i>	-	reverse	1069268	ICWHOIW
<i>rutRp</i>	-	forward	1073357	AIPPIW, TIMIS
<i>insFp4</i>	-	reverse	1094419	ICWHOIW
<i>ycdUp9</i>	-	forward	1094856	ICWHOIW
<i>ycdUp1</i>	-	forward	1094916	ICWHOIW
<i>csgGp1</i>	-	reverse	1100978	ICWHOIW
<i>ymdBp4</i>	-	forward	1104961	ICWHOIW
<i>yceOp1</i>	-	reverse	1118734	ICWHOIW
<i>yceOp7</i>	-	reverse	1118855	ICWHOIW
<i>yceHp2</i>	-	forward	1125304	ICWHOIW
<i>yceMp4</i>	-	forward	1125827	ICWHOIW
<i>flgNp1</i>	-	reverse	1129137	ICWHOIW
<i>yceFp9</i>	-	reverse	1145972	ICWHOIW
<i>pabCp5</i>	-	forward	1152417	ICWHOIW
<i>pabCp1</i>	-	forward	1152516	ICWHOIW
<i>bhsAp</i>	-	forward	1168256	HTTIMIS
<i>ycfTp9</i>	-	reverse	1174548	ICWHOIW
<i>ycfTp11</i>	-	reverse	1174552	ICWHOIW
<i>phoQp5</i>	-	reverse	1189163	ICWHOIW
<i>litp1</i>	-	forward	1197739	ICWHOIW
<i>ymflp1</i>	-	forward	1200663	ICWHOIW
<i>ymfJp9</i>	-	reverse	1201482	ICWHOIW
<i>tfaEp6</i>	-	reverse	1208412	ICWHOIW
<i>tfaEp1</i>	-	reverse	1208489	ICWHOIW
<i>mcrAp7</i>	-	forward	1209362	ICWHOIW
<i>mcrAp10</i>	-	forward	1209418	ICWHOIW

<i>minEp3</i>	-	reverse	1223934	ICWHOIW
<i>ldcAp9</i>	-	reverse	1242420	ICWHOIW
<i>ymgEp6</i>	-	forward	1243802	ICWHOIW
<i>ycgYp1</i>	-	forward	1244306	ICWHOIW
<i>ycgYp6</i>	-	forward	1244324	ICWHOIW
<i>ychnp4</i>	-	reverse	1272878	ICWHOIW
<i>tdkp1</i>	-	forward	1292739	ICWHOIW
<i>yciUp5</i>	-	reverse	1305376	ICWHOIW
<i>yciBp3</i>	-	reverse	1311079	ICWHOIW
<i>yciEp6</i>	-	reverse	1313262	ICWHOIW
<i>yciNp9</i>	-	reverse	1328781	ICWHOIW
<i>pgpBp5</i>	-	forward	1337217	ICWHOIW
<i>yciTp1</i>	-	reverse	1342568	ICWHOIW
<i>yciWp4</i>	-	reverse	1348260	ICWHOIW
<i>ycjDp4</i>	-	reverse	1349890	ICWHOIW
<i>sapFp5</i>	-	reverse	1350681	ICWHOIW
<i>ycjMp4</i>	-	forward	1368027	ICWHOIW
<i>smrAp1</i>	-	forward	1403960	ICWHOIW
<i>dbpAp2</i>	-	forward	1407362	ICWHOIW
<i>intRp4</i>	-	reverse	1411284	ICWHOIW
<i>racCp4</i>	-	reverse	1415835	ICWHOIW
<i>racCp6</i>	-	reverse	1415839	ICWHOIW
<i>pinRp1</i>	-	reverse	1431736	ICWHOIW
<i>ydbJp1</i>	-	forward	1438880	ICWHOIW
<i>azoRp1</i>	-	reverse	1480897	ICWHOIW
<i>azoRp6</i>	-	reverse	1480951	ICWHOIW
<i>ydcAp6</i>	-	forward	1489671	ICWHOIW
<i>ydcAp7</i>	-	forward	1489677	ICWHOIW
<i>opgDp4</i>	-	forward	1494669	ICWHOIW
<i>ydcKp8</i>	-	reverse	1498664	ICWHOIW
<i>ydcLp7</i>	-	forward	1500347	ICWHOIW
<i>patDp3</i>	-	forward	1513439	ICWHOIW
<i>patDp4</i>	-	forward	1513464	ICWHOIW
<i>ydcXp1</i>	-	forward	1515245	ICWHOIW
<i>ydcZp1</i>	-	reverse	1516399	ICWHOIW
<i>yncBp4</i>	-	forward	1516916	ICWHOIW
<i>pptAp7</i>	-	forward	1530882	ICWHOIW
<i>nhoAp2</i>	-	forward	1531987	ICWHOIW
<i>narWp</i>	-	reverse	1536711	AIPPIW, TIMIS
<i>gadCp5</i>	-	reverse	1568551	ICWHOIW
<i>gadCp6</i>	-	reverse	1568601	ICWHOIW

<i>gadCp1</i>	-	reverse	1568608	ICWHOIW
<i>yddBp6</i>	-	reverse	1575690	ICWHOIW
<i>yneEp5</i>	-	reverse	1607206	ICWHOIW
<i>yneFp7</i>	-	reverse	1609898	ICWHOIW
<i>sadp5</i>	-	reverse	1612823	ICWHOIW
<i>ydelp1</i>	-	reverse	1622540	ICWHOIW
<i>ydfKp5</i>	-	forward	1631009	ICWHOIW
<i>pinQp1</i>	-	forward	1631608	ICWHOIW
<i>ynfOp1</i>	-	forward	1634751	ICWHOIW
<i>remp1</i>	-	reverse	1642996	ICWHOIW
<i>ynfAp7</i>	-	reverse	1653703	ICWHOIW
<i>ynfDp6</i>	-	forward	1655438	ICWHOIW
<i>ydhlp</i>	-	forward	1719022	AIPPIW, TIMIS
<i>ydhFp1</i>	-	reverse	1723672	ICWHOIW
<i>lhrp</i>	-	forward	1726377	AIPPIW, TIMIS
<i>mdtKp10</i>	-	forward	1741293	ICWHOIW
<i>ydhSp3</i>	-	forward	1745092	ICWHOIW
<i>ydhSp6</i>	-	forward	1745106	ICWHOIW
<i>ydhSp5</i>	-	forward	1745137	ICWHOIW
<i>ydhTp1</i>	-	reverse	1747593	ICWHOIW
<i>ydiMp5</i>	-	forward	1768950	ICWHOIW
<i>ydiMp1</i>	-	forward	1768954	ICWHOIW
<i>ppsRp1</i>	-	forward	1785363	ICWHOIW
<i>ydiVp</i>	-	reverse	1790111	AIPPIW
<i>nlpCp3</i>	-	reverse	1790851	ICWHOIW
<i>ydiYp6</i>	-	reverse	1804241	ICWHOIW
<i>chbGp4</i>	-	reverse	1815266	ICWHOIW
<i>astEp3</i>	-	reverse	1825093	ICWHOIW
<i>ydjXp1</i>	-	forward	1831332	ICWHOIW
<i>nudGp3</i>	-	forward	1839462	ICWHOIW
<i>ynjlp1</i>	-	reverse	1843035	ICWHOIW
<i>ydjFp1</i>	-	reverse	1852948	ICWHOIW
<i>yealp6</i>	-	forward	1868267	ICWHOIW
<i>yeaNp4</i>	-	forward	1873487	ICWHOIW
<i>yeaMp1</i>	-	reverse	1873672	ICWHOIW
<i>yeaOp4</i>	-	forward	1874801	ICWHOIW
<i>yeaQp1</i>	-	reverse	1877414	ICWHOIW
<i>yeaYp</i>	-	reverse	1888585	AIPPIW, HIPPIW, TIMIS
<i>yoaCp1</i>	-	forward	1891990	ICWHOIW
<i>yoaHp1</i>	-	reverse	1892957	ICWHOIW
<i>kdgRp8</i>	-	reverse	1908149	ICWHOIW

<i>kdgRp1</i>	-	reverse	1908277	ICWHOIW
<i>yebVp1</i>	-	forward	1919769	ICWHOIW
<i>yebVp5</i>	-	forward	1919777	ICWHOIW
<i>yebWp3</i>	-	forward	1919981	ICWHOIW
<i>yebAp1</i>	-	reverse	1939707	ICWHOIW
<i>yebAp6</i>	-	reverse	1939745	ICWHOIW
<i>yebAp5</i>	-	reverse	1939857	ICWHOIW
<i>yecDp4</i>	-	forward	1948802	ICWHOIW
<i>micLp</i>	-	reverse	1956771	TIMIS
<i>yedJp3</i>	-	reverse	2031227	ICWHOIW
<i>yodBp16</i>	-	forward	2040318	ICWHOIW
<i>mtfAp1</i>	-	forward	2041642	ICWHOIW
<i>yeeOp1</i>	-	reverse	2057852	ICWHOIW
<i>yeeOp6</i>	-	reverse	2057899	ICWHOIW
<i>yeeAp6</i>	-	reverse	2078685	ICWHOIW
<i>yeeFp2</i>	-	reverse	2085262	ICWHOIW
<i>yeeZp7</i>	-	reverse	2087200	ICWHOIW
<i>wbbKp4</i>	-	reverse	2102630	ICWHOIW
<i>wcaMp1</i>	-	reverse	2113958	ICWHOIW
<i>wzap2</i>	-	reverse	2135217	AIPPIW, TIMIS
<i>cyaRp</i>	-	forward	2165138	AIPPIW, HTTIMIS, TIMIS
<i>yegXp1</i>	-	reverse	2181823	ICWHOIW
<i>yegXp6</i>	-	reverse	2181842	ICWHOIW
<i>thiDp3</i>	-	reverse	2182695	ICWHOIW
<i>rcnBp</i>	-	forward	2184906	ICWHOIW
<i>yehEp8</i>	-	reverse	2190923	ICWHOIW
<i>yehEp1</i>	-	reverse	2190931	ICWHOIW
<i>mrpp2</i>	-	reverse	2192197	ICWHOIW
<i>mrpp7</i>	-	reverse	2192202	ICWHOIW
<i>yohCp4</i>	-	reverse	2223691	ICWHOIW
<i>yohCp3</i>	-	reverse	2223701	ICWHOIW
<i>yohDp2</i>	-	forward	2223785	ICWHOIW
<i>mglCp9</i>	-	reverse	2235945	ICWHOIW
<i>mglCp6</i>	-	reverse	2235981	ICWHOIW
<i>psuTp2</i>	-	reverse	2255518	ICWHOIW
<i>psuGp4</i>	-	reverse	2256579	ICWHOIW
<i>yeiWp7</i>	-	reverse	2263435	ICWHOIW
<i>yejKp5</i>	-	reverse	2282131	ICWHOIW
<i>ccmHp1</i>	-	reverse	2290643	ICWHOIW
<i>mqop1</i>	-	reverse	2304946	ICWHOIW
<i>apbEp1</i>	-	reverse	2309616	ICWHOIW

<i>rcsCp4</i>	-	reverse	2318103	ICWHOIW
<i>yfaPp4</i>	-	reverse	2326221	ICWHOIW
<i>yfaLp1</i>	-	reverse	2342240	ICWHOIW
<i>yfaLp3</i>	-	reverse	2342287	ICWHOIW
<i>elaAp4</i>	-	reverse	2379708	ICWHOIW
<i>yfbLp7</i>	-	forward	2383850	ICWHOIW
<i>yfbKp7</i>	-	reverse	2383927	ICWHOIW
<i>yfbNp1</i>	-	reverse	2386609	ICWHOIW
<i>yfclp8</i>	-	reverse	2421636	ICWHOIW
<i>yfclp7</i>	-	reverse	2421734	ICWHOIW
<i>yfcVp8</i>	-	reverse	2453710	ICWHOIW
<i>yfdGp4</i>	-	forward	2465759	ICWHOIW
<i>emrYp1</i>	-	reverse	2480356	ICWHOIW
<i>ypdlp1</i>	-	forward	2492516	ICWHOIW
<i>alaXp2</i>	-	reverse	2516301	ICWHOIW
<i>yfeCp4</i>	-	forward	2516397	ICWHOIW
<i>yfeHp5</i>	-	forward	2524931	ICWHOIW
<i>yfeRp1</i>	-	reverse	2525061	ICWHOIW
<i>cysZp1</i>	-	forward	2529405	ICWHOIW
<i>yfeYp</i>	-	reverse	2549265	AIPPIW, TIMIS
<i>intZp3</i>	-	forward	2556715	ICWHOIW
<i>yffOp1</i>	-	forward	2560102	ICWHOIW
<i>yffQp1</i>	-	forward	2561411	ICWHOIW
<i>yffQp3</i>	-	forward	2561431	ICWHOIW
<i>ypfMp2</i>	-	reverse	2589092	ICWHOIW
<i>bamCp</i>	-	reverse	2597036	HIPPIW, TIMIS
<i>bepAp1</i>	-	forward	2614090	AIPPIW, TIMIS
<i>ispGp1</i>	-	reverse	2639902	ICWHOIW
<i>ispGp4</i>	-	reverse	2639972	ICWHOIW
<i>ispGp5</i>	-	reverse	2639976	ICWHOIW
<i>iscAp7</i>	-	reverse	2657975	ICWHOIW
<i>iscAp6</i>	-	reverse	2657984	ICWHOIW
<i>yfhRp2</i>	-	forward	2662266	ICWHOIW
<i>hcaTp1</i>	-	reverse	2665885	ICWHOIW
<i>acpSp2</i>	-	reverse	2699159	ICWHOIW
<i>acpSp3</i>	-	reverse	2699184	ICWHOIW
<i>lepBp1</i>	-	reverse	2703486	ICWHOIW
<i>rseAp3</i>	-	reverse	2707654	AIPPIW, TIMIS
<i>bamDp2</i>	-	forward	2733983	AIPPIW, TIMIS
<i>bamDp</i>	-	forward	2734028	HIPPIW, TIMIS
<i>rplSp1</i>	-	reverse	2742664	ICWHOIW

<i>bamEp</i>	-	forward	2751508	AIPPIW, TIMIS
<i>yfjlp8</i>	-	forward	2756903	ICWHOIW
<i>rnlBp</i>	-	forward	2764729	AIPPIW, TIMIS
<i>csiRp3</i>	-	forward	2793493	ICWHOIW
<i>alaEp1</i>	-	forward	2797092	ICWHOIW
<i>ygbNp2</i>	-	forward	2862929	ICWHOIW
<i>ygcNp3</i>	-	forward	2890594	ICWHOIW
<i>ygcUp5</i>	-	reverse	2897629	ICWHOIW
<i>ygcGp7</i>	-	forward	2903627	ICWHOIW
<i>mazGp4</i>	-	reverse	2908882	ICWHOIW
<i>gudDp1</i>	-	reverse	2917535	ICWHOIW
<i>thyAp2</i>	-	reverse	2963370	ICWHOIW
<i>mutHp5</i>	-	forward	2967604	ICWHOIW
<i>ygeAp5</i>	-	reverse	2978825	ICWHOIW
<i>yqeFp1</i>	-	reverse	2983646	ICWHOIW
<i>yqeFp8</i>	-	reverse	2983723	ICWHOIW
<i>yqeGp1</i>	-	forward	2983741	ICWHOIW
<i>yqeFp11</i>	-	reverse	2983831	ICWHOIW
<i>yqelp1</i>	-	forward	2986366	ICWHOIW
<i>yqeKp12</i>	-	reverse	2988592	ICWHOIW
<i>hyuAp6</i>	-	forward	3007852	ICWHOIW
<i>hyuAp1</i>	-	forward	3007941	ICWHOIW
<i>ygfSp5</i>	-	reverse	3027186	ICWHOIW
<i>ygfUp6</i>	-	forward	3029211	ICWHOIW
<i>yqfAp10</i>	-	reverse	3041386	ICWHOIW
<i>yggCp1</i>	-	reverse	3072778	ICWHOIW
<i>yqgBp1</i>	-	reverse	3084272	ICWHOIW
<i>ygglp6</i>	-	forward	3087610	ICWHOIW
<i>rsmEp1</i>	-	forward	3089040	ICWHOIW
<i>yggNp2</i>	-	reverse	3099766	HIPPIW, TIMIS
<i>yggNp1</i>	-	reverse	3099820	HIPPIW, TIMIS
<i>yqgAp4</i>	-	forward	3107543	ICWHOIW
<i>yqgAp1</i>	-	forward	3107556	ICWHOIW
<i>yghDp3</i>	-	reverse	3109298	ICWHOIW
<i>pppAp3</i>	-	reverse	3112501	ICWHOIW
<i>yghQp1</i>	-	reverse	3130615	ICWHOIW
<i>yghTp14</i>	-	forward	3131937	ICWHOIW
<i>gprp1</i>	-	forward	3145803	ICWHOIW
<i>yqhCp1</i>	-	reverse	3153406	ICWHOIW
<i>ygiQp1</i>	-	reverse	3159332	ICWHOIW
<i>ftsPp1</i>	-	reverse	3160873	ICWHOIW

<i>mdaBp1</i>	-	forward	3170445	ICWHOIW
<i>ygiDp3</i>	-	forward	3180451	ICWHOIW
<i>ygiDp2</i>	-	reverse	3180583	ICWHOIW
<i>yqiCp1</i>	-	forward	3182853	ICWHOIW
<i>glnEp7</i>	-	reverse	3197716	ICWHOIW
<i>glnEp1</i>	-	reverse	3197720	ICWHOIW
<i>ygiMp2</i>	-	forward	3199064	AIPPIW, TIMIS
<i>ygiMp</i>	-	forward	3199126	HIPPIW, TIMIS
<i>bacAp</i>	-	reverse	3202197	AIPPIW, TIMIS
<i>plsYp5</i>	-	forward	3202555	ICWHOIW
<i>rpoDp4</i>	-	forward	3210715	AIPPIW, TIMIS
<i>ygjIp2</i>	-	forward	3224092	ICWHOIW
<i>ygjIp1</i>	-	forward	3224164	ICWHOIW
<i>higAp8</i>	-	reverse	3232363	ICWHOIW
<i>rlmGp4</i>	-	reverse	3233914	ICWHOIW
<i>ygjQp4</i>	-	forward	3234387	ICWHOIW
<i>yqjAp2</i>	-	forward	3245665	HIPPIW, TIMIS
<i>yhaHp7</i>	-	forward	3250271	ICWHOIW
<i>yhalp9</i>	-	forward	3250722	ICWHOIW
<i>yhalp12</i>	-	forward	3250847	ICWHOIW
<i>yhaKp5</i>	-	forward	3252291	ICWHOIW
<i>yhaKp4</i>	-	forward	3252296	ICWHOIW
<i>tdcRp8</i>	-	forward	3265276	ICWHOIW
<i>yraHp4</i>	-	forward	3285387	ICWHOIW
<i>yraPp2</i>	-	forward	3294094	AIPPIW, TIMIS
<i>yraPp</i>	-	forward	3294371	HIPPIW, TIMIS
<i>yraRp1</i>	-	reverse	3297034	ICWHOIW
<i>yhbUp7</i>	-	forward	3299301	ICWHOIW
<i>yhbUp1</i>	-	forward	3299351	ICWHOIW
<i>deaDp1</i>	-	reverse	3305931	ICWHOIW
<i>ftsHp1</i>	-	reverse	3325124	ICWHOIW
<i>greAp2</i>	-	reverse	3326875	AIPPIW, TIMIS
<i>ibaGp2</i>	-	reverse	3334908	HIPPIW, ICWHOIW
<i>lptAp1</i>	-	forward	3341348	HIPPIW, IDAIS, TIMIS
<i>lptBp</i>	-	forward	3341418	AIPPIW, TIMIS
<i>yhcAp1</i>	-	forward	3360061	ICWHOIW
<i>yhcFp1</i>	-	forward	3364742	ICWHOIW
<i>yhcMp1</i>	-	reverse	3378178	ICWHOIW
<i>aaeBp8</i>	-	reverse	3386280	ICWHOIW
<i>aaeBp3</i>	-	reverse	3386285	ICWHOIW
<i>yhdHp1</i>	-	forward	3401302	ICWHOIW

<i>yhdUp1</i>	-	forward	3410519	ICWHOIW
<i>envRp11</i>	-	reverse	3411509	ICWHOIW
<i>envRp13</i>	-	reverse	3411623	ICWHOIW
<i>gspAp4</i>	-	reverse	3453656	AIPPIW, TIMIS
<i>fusAp</i>	-	reverse	3471707	AIPPIW, TIMIS
<i>fkpAp1</i>	-	reverse	3475547	AIPPIW, IHBCEIW, TIMIS
<i>yhfYp1</i>	-	reverse	3509639	ICWHOIW
<i>yhfYp3</i>	-	reverse	3509644	ICWHOIW
<i>nudEp1</i>	-	reverse	3524208	ICWHOIW
<i>yrfFp6</i>	-	forward	3524296	ICWHOIW
<i>yhgFp2</i>	-	forward	3535198	ICWHOIW
<i>malQp</i>	-	reverse	3548421	AIPPIW, TIMIS
<i>rtcAp1</i>	-	reverse	3554902	ICWHOIW
<i>rtcAp2</i>	-	reverse	3555024	ICWHOIW
<i>glgXp3</i>	-	reverse	3569442	ICWHOIW
<i>ugpQp1</i>	-	reverse	3586323	ICWHOIW
<i>panZp1</i>	-	forward	3595851	ICWHOIW
<i>ftsXp3</i>	-	reverse	3600275	ICWHOIW
<i>ftsXp4</i>	-	reverse	3600279	ICWHOIW
<i>rsmDp1</i>	-	forward	3602375	ICWHOIW
<i>dcrBp1</i>	-	forward	3607790	ICWHOIW
<i>dcrBp2</i>	-	forward	3607803	ICWHOIW
<i>rhsBp9</i>	-	forward	3617067	ICWHOIW
<i>rhsBp3</i>	-	forward	3617097	ICWHOIW
<i>rhsBp12</i>	-	forward	3617120	ICWHOIW
<i>yhiMp11</i>	-	forward	3632840	ICWHOIW
<i>yhjRp12</i>	-	reverse	3694238	ICWHOIW
<i>yhjRp10</i>	-	reverse	3694306	ICWHOIW
<i>yhjRp5</i>	-	reverse	3694379	ICWHOIW
<i>yhjRp13</i>	-	reverse	3694398	ICWHOIW
<i>yhjXp6</i>	-	reverse	3710120	ICWHOIW
<i>bisCp4</i>	-	reverse	3714438	ICWHOIW
<i>insJp4</i>	-	forward	3718617	ICWHOIW
<i>hokAp6</i>	-	reverse	3718833	ICWHOIW
<i>insKp</i>	-	forward	3719088	HIPPIW
<i>ysaBp1</i>	-	reverse	3723925	ICWHOIW
<i>yiaBp1</i>	-	reverse	3725820	ICWHOIW
<i>yiaKp2</i>	-	forward	3740743	AIPPIW, TIMIS
<i>gpsAp8</i>	-	reverse	3781704	ICWHOIW
<i>yibBp6</i>	-	reverse	3791857	ICWHOIW
<i>waaUp9</i>	-	reverse	3797421	ICWHOIW

<i>yicJp</i>	-	reverse	3834687	AIPPIW, TIMIS
<i>yicNp4</i>	-	reverse	3840532	ICWHOIW
<i>yicOp11</i>	-	reverse	3841842	ICWHOIW
<i>yicOp5</i>	-	reverse	3841903	ICWHOIW
<i>yicOp1</i>	-	reverse	3841980	ICWHOIW
<i>yidQp</i>	-	forward	3865567	HIPPIW, TIMIS
<i>yieHp4</i>	-	forward	3894680	ICWHOIW
<i>yieKp2</i>	-	reverse	3897487	ICWHOIW
<i>recQp1</i>	-	forward	4003881	ICWHOIW
<i>yihFp4</i>	-	forward	4042078	ICWHOIW
<i>yihFp1</i>	-	forward	4042198	ICWHOIW
<i>yihLp2</i>	-	forward	4058276	ICWHOIW
<i>yihNp5</i>	-	forward	4060189	ICWHOIW
<i>yihQp1</i>	-	reverse	4067469	ICWHOIW
<i>cpxAp1</i>	-	reverse	4103124	ICWHOIW
<i>yiiSp</i>	-	forward	4110892	AIPPIW, TIMIS
<i>yijEp5</i>	-	forward	4134112	ICWHOIW
<i>arpAp1</i>	-	reverse	4220652	ICWHOIW
<i>rluFp1</i>	-	forward	4228332	ICWHOIW
<i>xylEp8</i>	-	reverse	4240283	ICWHOIW
<i>xylEp1</i>	-	reverse	4240293	ICWHOIW
<i>plsBp</i>	-	reverse	4254621	AIPPIW, TIMIS
<i>gltPp8</i>	-	forward	4292291	ICWHOIW
<i>gltPp1</i>	-	forward	4292401	ICWHOIW
<i>mdtPp6</i>	-	reverse	4299259	ICWHOIW
<i>frdDp2</i>	-	reverse	4377456	ICWHOIW
<i>frdDp1</i>	-	reverse	4377496	ICWHOIW
<i>psdp</i>	-	reverse	4388661	AIPPIW, TIMIS
<i>yjfPp5</i>	-	forward	4414958	ICWHOIW
<i>ytfHp6</i>	-	forward	4432127	ICWHOIW
<i>ytfJp</i>	-	reverse	4437309	HIPPIW, TIMIS
<i>tamAp1</i>	-	forward	4440293	ICWHOIW
<i>ytfQp6</i>	-	forward	4447840	ICWHOIW
<i>yjgZp1</i>	-	forward	4499081	ICWHOIW
<i>yjhBp7</i>	-	forward	4501905	ICWHOIW
<i>nanSp1</i>	-	reverse	4535726	ICWHOIW
<i>yjiJp4</i>	-	reverse	4560705	ICWHOIW
<i>yjiKp7</i>	-	reverse	4561753	ICWHOIW
<i>yjiKp9</i>	-	reverse	4561757	ICWHOIW
<i>hsdSp1</i>	-	reverse	4579525	ICWHOIW
<i>yjiAp7</i>	-	reverse	4587071	ICWHOIW

<i>yjiYp3</i>	-	reverse	4589370	ICWHOIW
<i>yjjLp7</i>	-	reverse	4592860	ICWHOIW
<i>yjjLp6</i>	-	reverse	4592867	ICWHOIW
<i>yjjLp8</i>	-	reverse	4592905	ICWHOIW
<i>yjjAp1</i>	-	reverse	4598360	ICWHOIW

[B] Promoters identified as the constitutive promoters by SELEX

<i>rybBp</i>	55.5	reverse	887280	HIPPIW, IDAIS, TIMIS
<i>micAp</i>	40.9	forward	2812824	HIPPIW, TIMIS
<i>rpoHp3</i>	37.4	reverse	3598893	AIPPIW, HIPPIW, TIMIS
<i>yahMp5</i>	17.8	forward	344560	ICWHOIW
<i>yniDp6</i>	10.1	forward	1803125	ICWHOIW
<i>yfeKp</i>	7.5	forward	2535337	AIPPIW, TIMIS
<i>cspFp8</i>	7.3	forward	1639870	ICWHOIW
<i>yrhBp9</i>	6.5	forward	3582743	ICWHOIW
<i>ymgFp1</i>	5.4	forward	1218037	ICWHOIW
<i>oxcp10</i>	4.9	reverse	2490152	ICWHOIW
<i>oxcp11</i>	4.9	reverse	2490166	ICWHOIW
<i>cspHp14</i>	4.7	reverse	1050527	ICWHOIW
<i>cspHp15</i>	4.7	reverse	1050530	ICWHOIW
<i>cspHp13</i>	4.7	reverse	1050596	ICWHOIW
<i>yjtDp8</i>	4.6	forward	4638861	ICWHOIW
<i>ygeWp1</i>	4.5	forward	3004246	ICWHOIW
<i>ydjEp5</i>	4.4	reverse	1852007	ICWHOIW
<i>iapp6</i>	4.2	forward	2874566	ICWHOIW
<i>ykgCp1</i>	4.0	reverse	319439	ICWHOIW
<i>ybgSp1</i>	3.9	reverse	784562	ICWHOIW
<i>yjjMp4</i>	3.9	reverse	4593970	ICWHOIW
<i>dsbCp</i>	3.7	reverse	3036856	HIPPIW, TIMIS
<i>dsbCp2</i>	3.7	reverse	3037655	ICWHOIW
<i>yniAp7</i>	3.6	forward	1805603	ICWHOIW
<i>yniAp1</i>	3.6	forward	1805743	ICWHOIW
<i>yibGp6</i>	3.6	forward	3766087	ICWHOIW
<i>ydhBp2</i>	3.5	reverse	1737833	ICWHOIW
<i>ydhCp1</i>	3.5	forward	1737879	ICWHOIW
<i>yghFp</i>	3.4	reverse	3110921	HIPPIW, TIMIS
<i>yhcOp1</i>	3.4	reverse	3384232	ICWHOIW
<i>setCp14</i>	3.4	forward	3834767	ICWHOIW
<i>yacHp3</i>	3.3	reverse	131307	ICWHOIW
<i>yfbPp7</i>	3.3	forward	2387017	ICWHOIW

<i>xanPp5</i>	3.3	forward	3826844	ICWHOIW
<i>lpxPp</i>	3.3	forward	2493600	AIPPIW, HIPPIW, TIMIS
<i>ydhZp6</i>	3.2	reverse	1753233	ICWHOIW
<i>yfjPp5</i>	3.2	forward	2765664	ICWHOIW
<i>cldp9</i>	3.0	reverse	2096334	ICWHOIW
<i>yjhGp4</i>	3.0	reverse	4522249	ICWHOIW
<i>yieEp</i>	3.0	forward	3891852	AIPPIW, TIMIS
<i>cybBp5</i>	2.8	forward	1488785	ICWHOIW
<i>cybBp7</i>	2.8	forward	1488790	ICWHOIW
<i>yejGp5</i>	2.8	reverse	2276375	ICWHOIW
<i>yejGp8</i>	2.8	reverse	2276468	ICWHOIW
<i>yfbOp1</i>	2.7	forward	2386595	ICWHOIW
<i>mppAp5</i>	2.7	forward	1391078	ICWHOIW
<i>eptBp</i>	2.6	reverse	3708604	TIMIS
<i>ygcWp11</i>	2.6	reverse	2898431	ICWHOIW
<i>ygcWp12</i>	2.6	reverse	2898493	ICWHOIW
<i>yaeQp3</i>	2.6	forward	214088	ICWHOIW
<i>ygeRp1</i>	2.5	reverse	2998061	ICWHOIW
<i>ycaDp1</i>	2.5	forward	944942	ICWHOIW
<i>ydeRp1</i>	2.5	reverse	1586322	ICWHOIW
<i>bamBp</i>	2.5	reverse	2636997	AIPPIW, TIMIS
<i>ulaRp5</i>	2.5	reverse	4416585	ICWHOIW
<i>etkp1</i>	2.4	reverse	1043526	ICWHOIW
<i>yfgGp7</i>	2.3	forward	2627107	ICWHOIW
<i>yjcEp8</i>	2.3	forward	4277852	ICWHOIW
<i>yjcEp7</i>	2.3	forward	4277858	ICWHOIW
<i>ybdHp6</i>	2.2	reverse	632740	ICWHOIW
<i>ypjAp8</i>	2.2	reverse	2780844	ICWHOIW
<i>ftnBp</i>	2.1	forward	1984799	AIPPIW, TIMIS
<i>yddJp8</i>	2.1	reverse	1542782	ICWHOIW
<i>yddJp9</i>	2.1	reverse	1542787	ICWHOIW
<i>yddJp1</i>	2.1	reverse	1542890	ICWHOIW
<i>rfaDp4</i>	2.1	forward	3791993	HIPPIW, TIMIS
<i>yeilp2</i>	2.1	forward	2249675	ICWHOIW
<i>yhjJp</i>	2.1	reverse	3680039	AIPPIW, TIMIS