Table I: Transcription Hierarchy of Random-ITS Promoters

			1	2	3	4	5	6
Promoter	<u>ITS (+1</u>	L - +20)	PY (%)	RPY (%)	RIF (%)	APR	MSAT	R
DG146a	ATTAAAAAAC	CTGCTAGGAT	8.0 ± 2.4	154 ± 14	70 ± 33	13 ± 4	20	12
N25/A1	<b>ATCGAGAGGG</b>	<b>ACACGGCGAA</b>	7.1 ± 0.9	150 ± 52	56 ± 16	13 ± 2	19	15
DG122	<b>ATAAAGGAAA</b>	<b>ACGGTCAGGT</b>	7.0 ± 1.1	144 ± 31	76 ± 18	14 ± 1	18	15
DG130a	<b>ATATAGTGAA</b>	CAAGGATTAA	6.9 ± 0.5	140 ± 42	73 ± 14	14 ± 1	18	14
			*	*	*	*		
DG131a	<b>ATAGGTTAAA</b>	AGCCAGACAT	5.1 ± 2.2	105 ± 41	125 ± 22	21 ± 9	16	13
N25	<b>ATAAATTTGA</b>	GAGAGGAGTT	6.0 ± 1.9	100 ± 0	100 ± 0	18 ± 5	11	14
DG151a	<b>ATCAGGATAC</b>	AAGAAGGTTT	6.0 ± 2.7	96 ± 23	99 ± 34	19 ± 9	16	13
			*	*	*	*		
DG161a	<b>ATAAAAGTAC</b>	TCAGTTCAAA	5.1 ± 2.1	81 ± 10	136 ± 32	22 ± 10	15	12
DG159	<b>ATAACTAGGG</b>	AAAATAATAT	4.6 ± 2.2	74 ± 14	116 ± 14	26 ± 16	18	14
DG121	<b>ATACACCATA</b>	AAGAAACAGT	3.4 ± 1.5	73 ± 31	104 ± 34	33 ± 17	17	13
DG132a	<b>ATTCTAGTGA</b>	AAATCCCCAT	3.8 ± 1.5	72 ± 16	96 ± 27	30 ± 12	16	9
DG115a	ATCCCGCTCA	AGAGCAACAT	3.5 ± 0.2	71 ± 17	105 ± 47	28 ± 2	18	10
DG162	ATGTAAATAA	GGTAGGCAAT	3.9 ± 1.1	70 ± 7	104 ± 19	27 ± 8	16	14
DG128a	<b>ATCCCAGTAA</b>	GGAATGATAT	3.7 ± 1.4	69 ± 4	114 ± 27	30 ± 11	18	12
DG126	<b>ATAAGCACAC</b>	GGATACCTTT	2.5 ± 0.7	57 ± 13	150 ± 41	40 ± 14	16	10
DG163a	ATTATACACG	GTAATCGCTT	3.4 ± 1.4	54 ± 14	116 ± 48	34 ± 14	18	9
DG164	<b>ATT</b> AAGAAAA	ATCTTCTATT	3.1 ± 0.6	51 ± 12	134 ± 50	34 ± 6	17	10
DG149a	<b>ATAGCGGATG</b>	GTAACAGAAT	2.9 ± 1.2	49 ± 9	130 ± 16	38 ± 11	14	14
DG165b	ATCATCTGAA	ATCATAGTGT	3.1 ± 0.9	48 ± 15	156 ± 47	33 ± 14	16	10
DG169a	ATCCAGACGA	<b>ACTGGGGAAT</b>	3.1 ± 0.3	47 ± 4	140 ± 56	31 ± 3	20	13
DG155	ATTAAAAATC	CTTTCCTCTT	2.8 ± 0.4	45 ± 21	110 ± 38	38 ± 2	15	6
DG168a	ATCACGCAAC	CGGACTAACT	2.7 ± 0.7	40 ± 8	165 ± 57	38 ± 10	16	10
DG127	ATCCTAGTAT	ATGGAACTGT	2.7 ± 1.2	40 ± 14	104 ± 20	40 ± 16	14	10
DG135a	ATAATGCTGT	GAACGCGAGT	2.2 ± 0.6	39 ± 2	163 ± 10	53 ± 16	20	12
DG160a	<b>ATATACTAGC</b>	AGCACCAATT	2.4 ± 1.0	35 ± 3	137 ± 19	50 ± 17	15	10
DG133	ATATCGAATT	<b>ACTCAGATAT</b>	1.8 ± 0.3	33 ± 6	269 ± 63	58 ± 14	16	10
DG147a	ATAATGGTCG	<b>GTTACACGAT</b>	1.8 ± 1.0	31 ± 14	72 ± 17	70 ± 43	19	11
DG125a	ATATCGTTCC	CTTGACCCAT	1.3 ± 0.1	25 ± 3	295 ± 86	76 ± 6	16	6
N25anti	ATCCGGAATC	CTCTTCCCGG	1.4 ± 1.0	22 ± 14	115 ± 64	68 ± 31	15	7
DG156-3	<b>ATCGCCGATA</b>	AATACGTAGT	1.4 ± 0.6	21 ± 7	243 ± 68	76 ± 25	15	11
DG138a	ATCTTCTTCG	TAACTGGAGT	0.9 ± 0.3	15 ± 5	366 ± 62	121 ± 40	16	8
DG142	ATGATTTCAT	CTGACTCTAT	0.9 ± 0.1	14 ± 5	340 ± 74	121 ± 5	16	7
DG170a	ATTACTGCAC	ATTAATGAAT	0.8 ± 0.1	13 ± 2	288 ± 84	118 ± 25	16	10
DG167	ATTACATCTG	CCGCCTTCCT	0.9 ± 0.5	13 ± 8	210 ± 72	151 ± 95	20	5
DG166	ATCTAATCTC	TGATAATATT	0.8 ± 0.3	11 ± 3	273 ± 64	142 ± 60	17	8
DG152a	ATTACTATGC	CCCATATCCT	0.8 ± 0.3	11 ± 5	234 ± 27	144 ± 52	15	6
DG148	ATAATTGTAC	ATTTGAAACT	1.0 ± 0.5	11 ± 7	228 ± 29	135 ± 82	17	10
DG145	ATAACCCTTG	ACTCCGAAAT	0.5 ± 0.2	10 ± 4	300 ± 72	202 ± 62	15	9
DG141	ATACATTATC	AACGCATGCT	0.6 ± 0.2	10 ± 6	267 ± 77	169 ± 65	14	9
DG124a	ATCGCAACCT	CCTAAATGAT	0.4 ± 0.2	9 ± 3	188 ± 52	205 ± 51	15	9
N25/Alant	ATATCTCTTT	CACATTATCC	0.4 ± 0.1	7 ± 3	458 ± 113	255 ± 52	16	5
DG154a	ATGGTTCATT	TTTCCACACT	0.5 ± 0.3	7 ± 5	287 ± 51	217 ± 101	17	6
DG137a	ATCGCTCTAC	TAAATGTCTT	0.3 ± 0.1	6 ± 4	444 ± 99	386 ± 27	15	7