

Table 6. Proportional representation of singing-regulated genes among the various libraries

mRNA	Clone	Norm, %	Subtr, %	0061, %	0062, %	0063, %	0064, %	0065, %
egr-1	1	0	100	0	0	100	0	0
c-fos	4	100	0	0	0	0	0	0
c-jun, v1	10	10	90	10	20	40	10	10
sim junB	1	100	0	0	0	0	0	0
Atf4, v1	14	0	100	36	0	29	14	21
Hspb1, v2	2	0	100	0	0	0	0	100
UbE2v1	2	0	100	100	0	0	0	0
HnrpH3, v1	6	33	66	17	0	17	17	17
H3f3B, v1	11	45	55	27	0	18	0	9
H2AfX	10	20	80	60	0	0	0	20
Shfdg1	3	33	66	0	0	0	33	33
Madh2	1	0	100	0	0	0	100	0
Arc	1	0	100	0	0	0	0	100
Fmn1, v2	1	100	0	0	0	0	0	0
Tagln2	1	0	100	0	0	0	100	0
β -actin	3	0	100	66	0	0	0	33
ARHGEF9	3	0	100	33	0	66	0	0
Prkar1 α , □□	2	50	50	0	0	0	0	50
Gadd45 β , □□	1	0	100	100	0	0	0	0
Hsp40	3	66	33	33	0	0	0	0
Hsp70-8, v2	20	50	50	5	20	10	5	10
Hsp90α	32	0	100	22	0	31	22	25
Hsp25	13	46	54	54	0	0	0	0
Cacybp	12	42	58	33	0	8	8	8
Stard7, v1	4	100	0	0	0	0	0	0
Syt4	1	0	100	0	0	0	0	100
Atp6v1b2	10	40	60	20	0	10	20	10
Ndufa5	2	50	50	50	0	0	0	0
Ebag9	5	80	20	0	0	20	0	0
JSC	8	0	100	12.5	0	62.5	12.5	12.5
BDNF	1	0	100	0	0	0	0	100
Penk	2	50	50	0	0	0	50	0
sim NPD014, v2	8	12.5	87.5	0	0	37.5	25	25
Observed (avg 198), %		31	69	21	1	14	13	21
Expected if random, %		41	59	20	3	15	10	12
Total clones	13,269	5,413	7,856	2,608	349	2,054	1,309	1,536

Clones: number of mRNA/cDNA clones from each gene in the database among 13,269 clones with good sequence quality in the libraries listed. Percentage is the percent distribution of these clones among normalized (0058) versus subtracted (0061-0065) libraries combined (fourth column) or distribution among the subtracted libraries 0061-0065 individually (fifth and sixth columns). The expected if random percentage is the percentage that is expected to occur if cDNAs were represented randomly among libraries. Red text, mRNAs (subclusters) with $n = 6$ or more clones in the database. Bold text, Percentage of clones isolated from a given library (left columns) or set of libraries (subtracted or normalized) that had greater than +10% or -10% difference from the expected percentage.