

Table 5. List of 43 genes examined (41 + *egr-1* and *c-fos*), color-coded according to Fig. 2

	Gene name	Clone ID
	Positives:	
1	Early growth response 1 (<i>egr-1</i>)	Positive control
2	Cellular-fos (<i>c-fos</i>), variant 2	0033P0001H05
3	Cellular-jun (<i>c-jun</i>), variant 1	0063P0031G06
4	Similar to jun B (<i>sim junB</i>)	0058P0018G01
5	Activating transcription factor 4 (<i>ATF4</i>), variant 1	0065P0006B05
6	Heat shock protein binding protein 1 (<i>Hsbp1</i>), variant 2	0065P0001A03
7	Ubiquitin-conjugating E2 variant 1 (<i>Ube2v1</i>)	0061P0003C04
8	Heterogeneous nuclear ribonucleoprotein H3 (<i>HnrpH3</i>), variant 1	0064P0008B02
9	H3 histone, family 3B (<i>H3f3B</i>), variant 1	0058P0006E06
10	H2A histone, family X (<i>H2AFX</i>), variant 1	0061P0021G07
11	Split hand/foot deleted gene 1, short clone (<i>Shfdg1</i>), polyA	0064P0001B06
12	Mothers against DPP homolog 2 (<i>Madh2</i>)	0064P0014A01
13	Activity regulated cytoskeletal-associated protein (<i>Arc</i>)	0065P0027D05
14	Similar to formin-like protein (<i>fmln</i>), variant 2	0058P0025D01
15	Transgelin 2 (<i>Tagln2</i>)	0064P0018E08
16	β -actin, variant 1	0061P0009E09
17	Cdc42 guanine nucleotide exchange factor 9 (<i>ARHGEF9</i>), variant 1	0063P0031G05
18	Protein kinase, cAMP-dependent regulatory 1 α (<i>Prkar1α</i>), variant 3	0058P0061C03
19	Growth arrest & DNA-damage-inducible 45β (<i>Gadd45β</i>), variant 1	0061P0027C11
20	Heat shock protein 40 (<i>Hsp40</i>)	0058P0018H06
21	Heat shock 70kDa protein 8 (<i>Hsp70-8</i>), variant 2	0065P0027D04
22	Heat shock protein 90α (<i>Hsp90α</i>)	0065P0018D07
23	Heat shock protein 25 (<i>Hsp25</i>)	0061P0030G03
24	Calcyclin binding protein (<i>Cacybp</i>)	0061P0010H02
25	START domain containing 7 (<i>Stard7</i>), variant 1	0058P0032C10
26	Synaptotagmin IV (<i>Syt4</i>)	0065P0009F07
27	ATPase, H ⁺ transporting, V1 subunit B, isoform 2 (<i>Atp6v1b2</i>)	0061P0014D07
28	NADH dehydrogenase (ubiquinone), 1 alpha subcomplex, 5 (<i>Ndufa5</i>)	0061P0030A03
29	Estrogen receptor binding site associated, antigen, 9 (<i>Ebag9</i>), variant 1	0063P0010C08
30	Jun-suppressed chemokine (<i>JSC</i>)	0063P0015E10
31	Brain derived neurotrophic factor (<i>BDNF</i>)	0065P0005E12
32	Proenkephalin (<i>Penk</i>)	0064P0014A11
33	Similar to NPD014 protein (<i>sim NPD014</i>), variant 2	0064P0014F06
	Varied across birds	
34	Heat shock protein 108 (<i>Hsp108</i>)	0065P0027B02
35	Similar to stem cell antigen 2, variant 2	0058P0051B11
36	Engulfment and cell motility 1, variant 2	0063P0024G05
37	Similar to ribonuclease P	0058P0022A07
38	Vesicle associated membrane protein (<i>Vamp</i>), variant 3	0058P0035G01
39	Splicing factor, arginine/serine-rich 1 (<i>Sfrs1</i>), variant 1	0062P0003B01
	False Positives:	
40	Heat shock 70kDa protein 5 (<i>Hsp70-5</i>), variant 1	0058P0059A06
41	Similar to corticotropin releasing hormone	0058P0017H12
42	Zinc finger, MYND domain containing 11 (<i>Zmynd11</i>)	0065P0026G12
43	Synaptosomal associated protein-25 (<i>Snap25</i>)	0064P0015A03

Bold texts represent those clones that show concordance of the *in situ* hybridization results with the reanalyzed microarray data using GeneSpring *t* test with a P value cut-off of 0.2.