

Table S1 List of *Bgh* CSEP genes amplified and screened for cell death phenotypes

Family ^a	name
4	CSEP0036, CSEP0126, CSEP0154
5	CSEP0099, CSEP0112, CSEP0442, CSEP0145
6	CSEP0006, CSEP0175, CSEP0176, CSEP0230, CSEP0397, CSEP0398, CSEP0434, CSEP0466, CSEP0467
8	CSEP0147, CSEP0148, CSEP0150
12	CSEP0081, CSEP0090, CSEP0091, CSEP0092, CSEP0094, CSEP0197
13	CSEP0167, CSEP0168, CSEP0169, CSEP0471
15	CSEP0341, CSEP0388, CSEP0418, CSEP0432
17	CSEP0387
19	CSEP0139, CSEP0221, CSEP0360
20	CSEP0063, CSEP0101, CSEP0448
21	CSEP0066, CSEP0486, CSEP0264
22	CSEP0137, CSEP0146, CSEP0180
23	CSEP0220, CSEP0248, CSEP0363, CSEP0443
24	CSEP0001, CSEP0104, CSEP0111, CSEP0133
25	CSEP0005, CSEP0012, CSEP0086, CSEP0098
29	CSEP0059, CSEP0060, CSEP0100
30	CSEP0071
31	CSEP0257, CSEP0481
32	CSEP0106, CSEP0109
34	CSEP0371, CSEP0372, CSEP0373, CSEP0374
35	CSEP0380, CSEP0488, CSEP0379, CSEP0489
36	CSEP0004
41	CSEP0027, CSEP0028, CSEP0340
43	CSEP0122
44	CSEP0074, CSEP0075
46	CSEP0083, CSEP0084, CSEP0085
47	CSEP0311
49	CSEP0177
59	CSEP0057
61	CSEP0123, CSEP0140
63	CSEP0136
64	CSEP0141
66	CSEP0262, CSEP0485
70	CSEP0361
n.d.	CSEP0043, CSEP0048, CSEP0182, CSEP0224, CSEP0273, CSEP0381, CSEP0474

^a family number is assigned according to Pedersen et al., 2012