

Table S1. Comparison of maternal control scores and IES retention scores. IESs are those described in (Duharcourt et al., 1998) and maternal control scores were calculated as the maximal observed retention described previously (Duharcourt et al., 1998, Sandoval et al., 2014). Maternally controlled IESs are those whose maternal control score is > 0; non-maternally controlled IESs are those with maternal control score = 0. For all the IESs listed in this table the mean retention scores across the four controls used in this paper are 0.00.

IES name	Maternal control score	<i>DCL23</i>-KD IES retention score	<i>DCL5</i>-KD IES retention score	<i>DCL2/3/5</i>-KD IES retention score	<i>NOWA1/2_a</i>-KD IES retention score	<i>TFIIS4</i>-KD IES retention score
A2591	0.99	0.54	0.00	0.81	0.81	0.82
G4404	0.97	0.60	0.01	0.75	0.81	0.84
G2832	0.87	0.23	0.00	0.71	0.59	0.87
A6649	0.58	0.56	0.01	0.74	0.57	0.65
A-712	0.34	0.07	0.06	0.71	0.75	0.56
A4578	0.00	0.05	0.00	0.08	0.20	0.13
G1413	0.00	0.01	0.02	0.04	0.10	0.34
A1835	0.00	0.00	0.00	0.04	0.03	0.07
G1832	0.00	0.00	0.00	0.02	0.02	0.13
A-10	0.00	0.00	0.00	0.00	0.00	0.00
A1416	0.00	0.00	0.00	0.00	0.00	0.00
A4404	0.00	0.00	0.00	0.00	0.00	0.00
A6435	0.00	0.00	0.00	0.00	0.01	0.00