

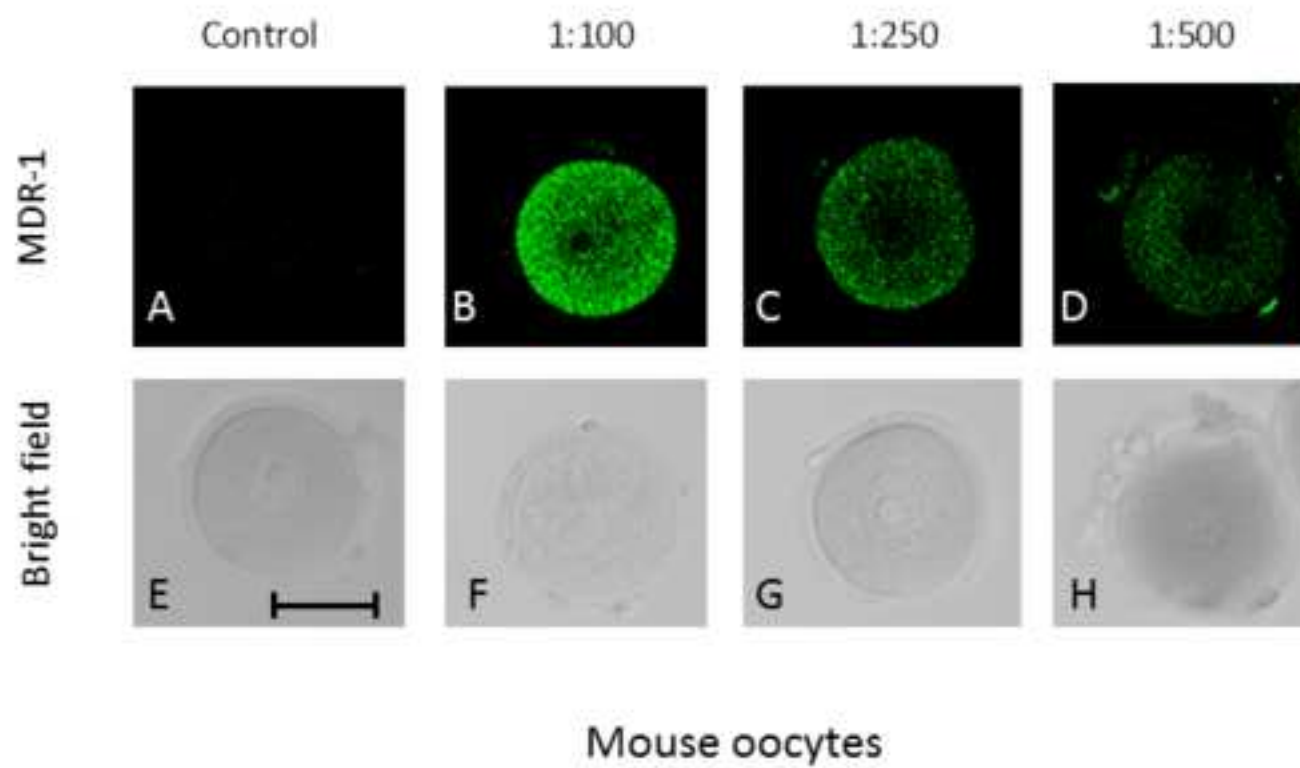
## Supplemental figure 1

<u>GeneID</u>	<u>GeneName</u>	<u>avgKOrpkm</u>	<u>avgWTrpkm</u>
ENSMUSG00000003234	Abcf3	40.29	0
ENSMUSG00000028953	Abcf2	34.4	0
ENSMUSG00000018800	Abca5	0.86	2.39
ENSMUSG00000029408	Abcb9	8.45	1.04
ENSMUSG00000020865	Abcc3	2.33	0.59
ENSMUSG00000038762	Abcf1	28.6	6.03
ENSMUSG00000028970	Abcb1b	15.48	1.31
ENSMUSG00000031333	Abcb7	1.41	0.38
ENSMUSG00000015243	Abca1	1.48	5.3
ENSMUSG00000041797	Abca9	1.15	0
ENSMUSG00000028973	Abcb8	11.65	0
ENSMUSG00000024030	Abcg1	1.71	0.34
ENSMUSG00000026198	Abcb6	2.45	0
ENSMUSG00000040136	Abcc8	8.64	8.64
ENSMUSG00000072791	Abcb5	0.31	0.56
ENSMUSG00000032849	Abcc4	9.63	7.43
ENSMUSG00000058355	Abce1	6.04	0
ENSMUSG00000028125	Abca4	1.18	0.26
ENSMUSG00000032842	Abcc10	2.03	1.05
ENSMUSG00000051900	Abca16	2.24	0.61
ENSMUSG00000026944	Abca2	6.15	0.66
ENSMUSG00000031378	Abcd1	6.11	3.96
ENSMUSG00000004668	Abca13	3.68	3.95
ENSMUSG00000021240	Abcd4	4.45	0
ENSMUSG00000022822	Abcc5	0.82	0.49
ENSMUSG00000042476	Abcb4	49.87	17.91
ENSMUSG00000050296	Abca12	1.26	0.73
ENSMUSG00000040584	Abcb1a	1.05	0.73
ENSMUSG00000024130	Abca3	0.56	0.35
ENSMUSG00000027048	Abcb11	1.39	2.54
ENSMUSG00000023088	Abcc1	5.88	2.28
ENSMUSG00000029802	Abcg2	0.45	0
ENSMUSG00000031974	Abcb10	2.84	3.43

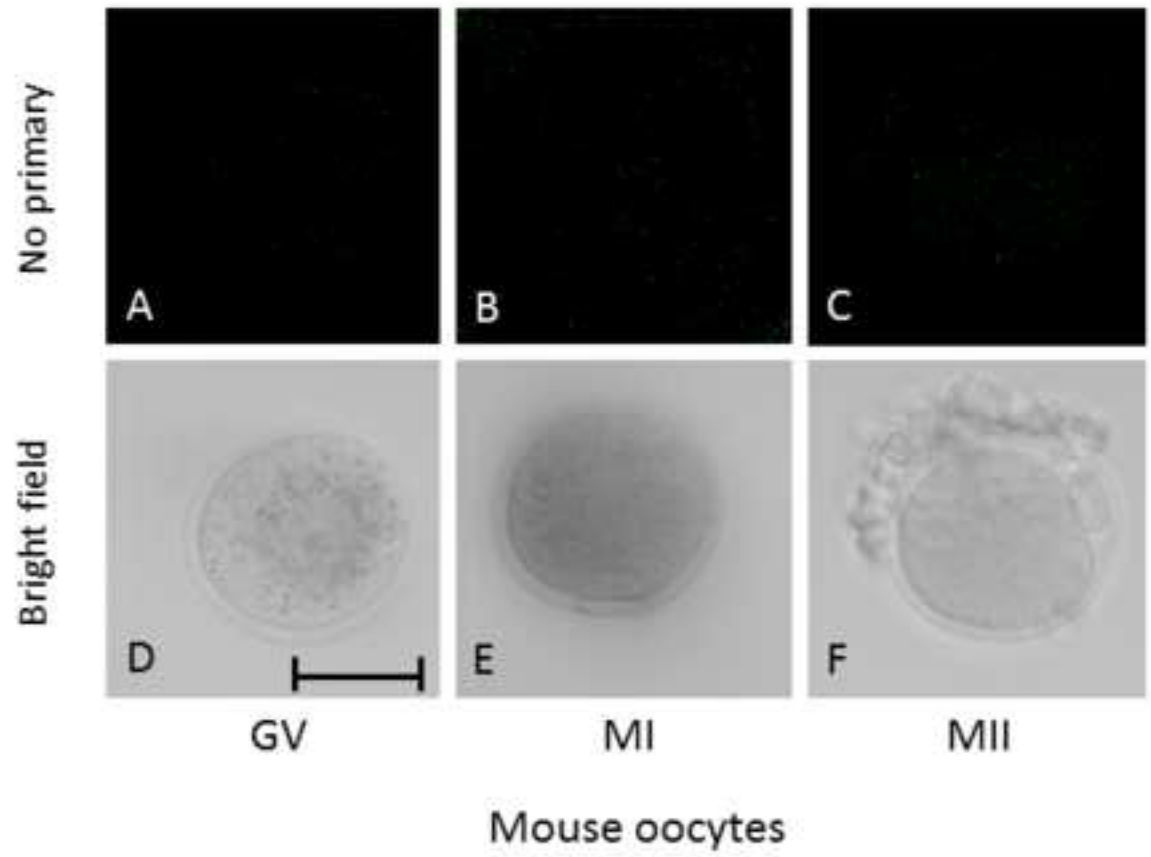
## Supplemental figure 2

	Gene	PoolOo1	PoolOo2	SoloOo1	SoloOo2
1137	ABCB4_chr7	230	151	164	176
1355	ABCE1_chr4	217	151	138	122
1443	ABCC1_chr16	130	185	86	213
1586	ABCC6P1_chr16	130	134	43	401
1707	ABCC4_chr13	136	84	121	164
2589	ABCA1_chr9	87	168	60	46
2723	ABCD4_chr14	87	33	60	183
3040	ABCF2_chr7	43	33	103	125
3159	ABCC5_chr3	43	84	86	48
3212	ABCA3_chr16	24	100	60	95
3392	ABCD3_chr1	118	33	95	27
3858	ABCA2_chr9	55	33	43	57
3885	ABCB7_chrX	49	50	51	34
4438	ABCF3_chr3	18	50	69	27
4804	ABCC6_chr16	31	50	8	69
5077	ABCC8_chr11	80	50	129	0
5164	ABCA12_chr2	18	16	60	25
5248	ABCF1_chr6	24	16	25	39
5796	ABCC3_chr17	6	33	8	74
5958	ABCG8_chr2	6	33	17	25
6864	ABCA5_chr17	43	16	0	16
7016	ABCA11P_chr4	31	33	8	0
7370	ABCA4_chr1	6	0	17	37
7817	ABCB8_chr7	6	16	0	16
7899	ABCD1_chrX	6	0	34	6
8058	ABCC10_chr6	6	16	0	9
8423	ABCB9_chr12	18	0	0	23
8554	ABCG4_chr11	18	0	0	18
10153	CABC1_chr1	0	0	0	18
10223	ABCA10_chr17	0	16	0	0
11192	ABCA9_chr17	6	0	0	0
11580	ABCA17P_chr16	0	0	0	4
11979	ABCG2_chr4	0	0	0	2
12196	ABCB10_chr1	0	0	0	2
12326	ABCC12_chr16	0	0	0	2
12386	ABCC9_chr12	0	0	0	2
12434	ABCA7_chr19	0	0	0	2

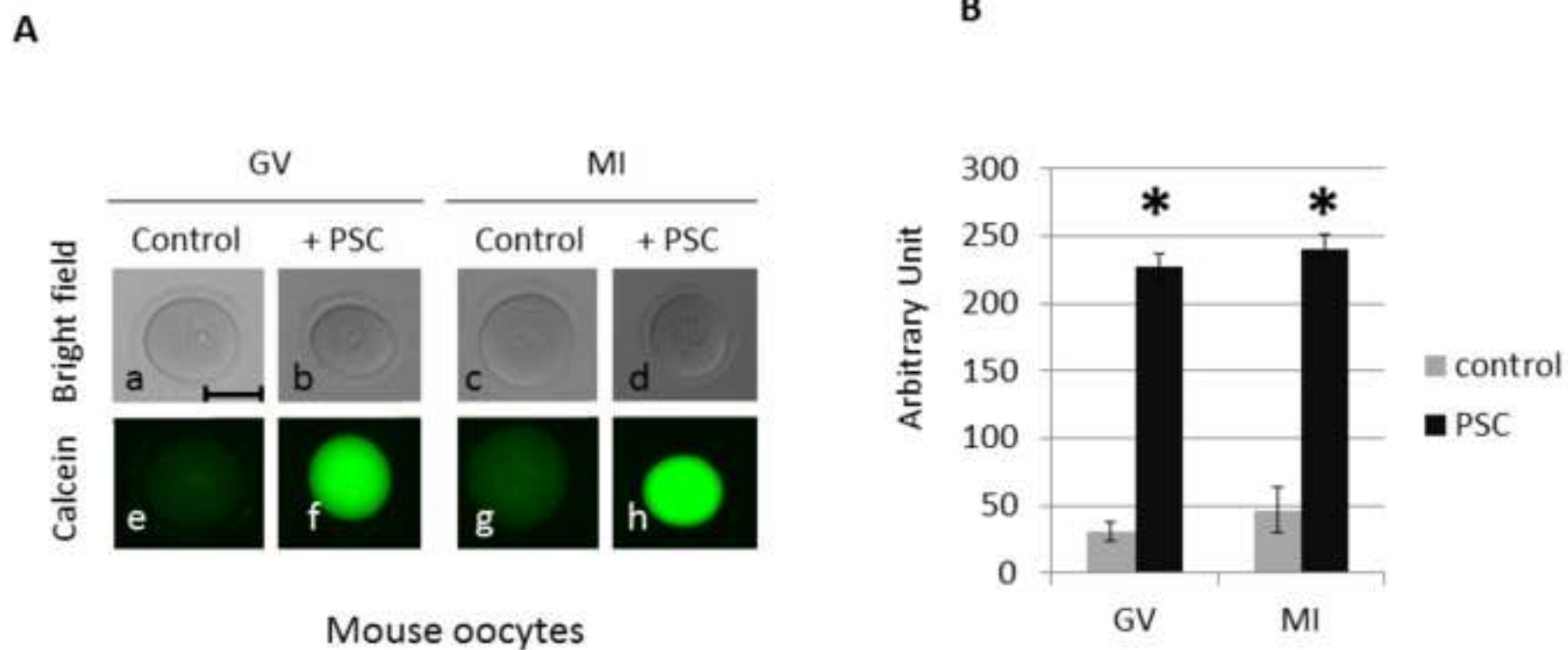
### Supplemental figure 3



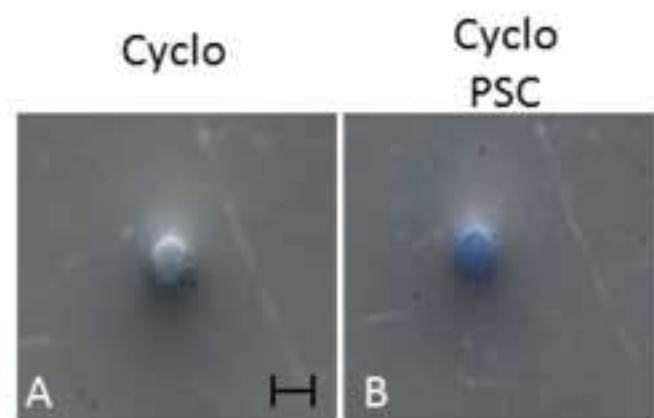
### Supplemental figure 4



## Supplemental figure 5

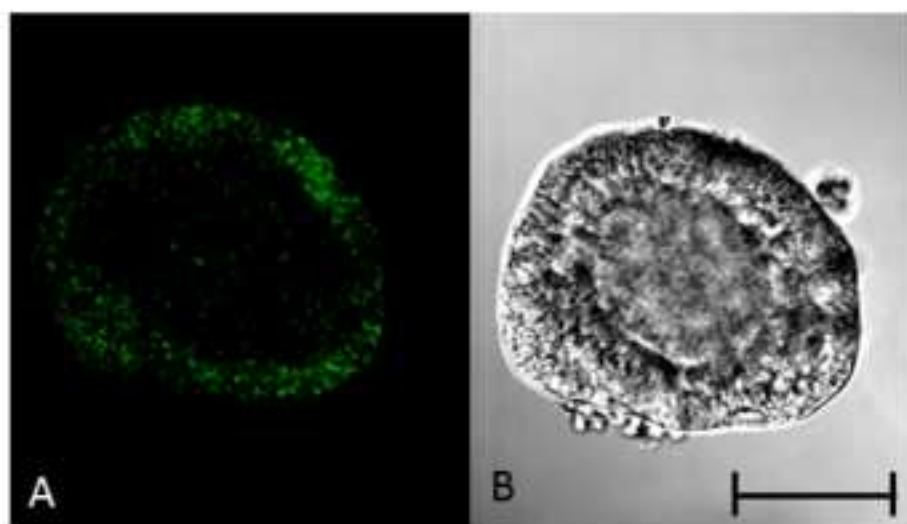


### Supplemental figure 6



Human oocytes

### Supplemental figure 7



Mouse oocytes