

Supplementary Table. List of 54 potential class 4 meiCT genes.

Gene name	Ensembl ID	Unigene cluster ID	Chromosomal location
ACTL9	ENSG00000181786	Hs.209206	19
ADAM2	ENSG00000104755	Hs.177959	8
ASB17	ENSG00000154007	Hs.125423	1
BOLL	ENSG00000152430	Hs.692026	2
C1orf141*	ENSG00000203963	Hs.666621	1
<i>C2orf61</i>	ENSG00000239605	Hs.531575	2
C3orf22	ENSG00000180697	Hs.178210	3
<i>C3orf30</i>	ENSG00000163424	Hs.271580	3
<i>C6orf81</i>	ENSG00000157343	Hs.533066	6
C8orf74*	ENSG00000171060	Hs.371776	8
<i>C9orf153</i>	ENSG00000187753	Hs.632073	9
<i>C10orf67</i>	ENSG00000179133	Hs.522360	10
C12orf50 *	ENSG00000165805	Hs.112930	12
C16orf78	ENSG00000166152	Hs.125875	16
CAPZA3*	ENSG00000177938	Hs.131288	12
CCDC116	ENSG00000161180	Hs.131615	22
<i>CCDC63</i>	ENSG00000173093	Hs.437141	12
<i>CCDC73</i>	ENSG00000186714	Hs.706808	11
<i>CCIN</i>	ENSG00000185972	Hs.115460	9
<i>DDI1</i>	ENSG00000170967	Hs.591941	11
DNAJC5G	ENSG00000163793	Hs.116303	2
<i>DYDC1</i>	ENSG00000170788	Hs.407751	10
FAM170A*	ENSG00000164334	Hs.713304	5
<i>FAM194A</i>	ENSG00000163645	Hs.147128	3
FAM71B*	ENSG00000170613	Hs.666099	5
<i>FIGLA</i>	ENSG00000183733	Hs.407636	2
GK2	ENSG00000196475	Hs.98008	4
<i>H2AFB1</i>	ENSG00000198082	Hs.592246	X
HEATR7B2L*	ENSG000000	Hs.97714	5
HMGB4	ENSG00000176256	Hs.568628	1
IQCF1	ENSG00000173389	Hs.671210	3
KLF17*	ENSG00000171872	Hs.567674	1
LYZL6	ENSG00000161572	Hs.97477	17
PDHA2	ENSG00000163114	Hs.131361	4
<i>PDILT</i>	ENSG00000169340	Hs.376025	16
PPP3R2	ENSG00000188386	Hs.151167	9
PRPS1L1	ENSG00000229937	Hs.169284:	7
RBM44	ENSG00000177483	Hs.720233	2
<i>RNF133</i>	ENSG00000188050	Hs.126730	7
SATL1*	ENSG00000184788	Hs.640783	X
SHCBP1L*	ENSG00000157060	Hs.497034	1
SLC25A31*	ENSG00000151475	Hs.149030	4
<i>SPDYA</i>	ENSG00000163806	Hs.511956	2

SPZ1	ENSG00000164299	Hs.519403	5
TBC1D21*	ENSG00000167139	Hs.124512	15
TGIF2LX	ENSG00000153779	Hs.592220	X
TMEM146*	ENSG00000174898	Hs.631842	17
TRIM42*	ENSG00000155890	Hs.343487	3
<i>TSGA13</i>	ENSG00000213265	Hs.592266	7
<i>TSSK2</i>	ENSG00000206203	Hs.694070	22
<i>UBL4B</i>	ENSG00000186150	Hs.374027	1
<i>UBQLN3</i>	ENSG00000175520	Hs.189184	11
<i>UMODL1</i>	ENSG00000177398	Hs.242520	21
ZSWIM2	ENSG00000163012	Hs.375054	2

Note: embolden genes are those which were found to exhibited expression in two or fewer non-testis / central nervous system somatic tissues by RT-PCR on a range of normal human tissues.

*Signifies genes that exhibit not expression in cancer cells/tissues as assessed by RT-PCR validation using 34 cancer cell/tissue RNA sets.