

**Supplementary Table 2. Review of inherited ovarian literature**

<b>Gene Symbol (HUGO)</b>	<b>Entrez Gene ID</b>	<b>Cytoband (HUGO)</b>	<b>Sample Origin</b>	<b>Comparison</b>	<b>Literature Data</b>	<b>P-Value or Fold- change</b>	<b>Method</b>	<b>Reference</b>
<i>ZNF574</i>	64763	19	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	*MA	Jazaeri et al (2002) J Natl Can Inst; 94 (13), 990-1000
<i>ENOX2</i>	10495	Xq25	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>AFP</i>	174	4q11-q13	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>Akt1</i>	207	14q32.32-q32.33	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>APEX1</i>	328	14q11.2-q12	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>ARHGEF6</i>	9459	Xq26	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>ATP7A</i>	538	Xq13.2-q13.3	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>BAD</i>	572	11q13.1	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>BMP6</i>	654	6p24-p23	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>BRE</i>	9577	2p23	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>CALU</i>	813	7q32	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>CCL4</i>	6351	17q21-q23	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>CCL4L2</i>	388372	17q12	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>CD36</i>	948	7q11.2	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>CD83</i>	9308	6p23	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>CRB1</i>	23418	1q31-q32.1	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>CSNK1E</i>	1454	22q12-q13	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>CSRP2</i>	1466	12q21.1	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>CTNBL1</i>	56259	20q11.23-q12	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>CUGBP1</i>	10658	11p11	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>CXCL5</i>	6374	4q13.3	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>DLG7</i>	9787	14q22.1-q22.3	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>EIF4A1</i>	1973	17p13	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)

<i>ENPP1</i>	5167	6q22-q23	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>EP400</i>	57634	12q24.33	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>FDFT1</i>	2222	8p23.1-p22	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>FOXO1</i>	2308	13q14.1	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>GABRP</i>	2568	5q33-q34	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>GART</i>	2618	21q22.11	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>GCAT</i>	23464	22q12-13	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>GFM2</i>	84340	5q13	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>GNB2</i>	2783	7q21.3-q22.1	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>GOLGA1</i>	2800	9q34.11	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>GTPBP1</i>	9567	22q13.1	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>HARS</i>	3035	5q31.3	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>HGF</i>	3082	7q21.1	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>HLA-DRB4</i>	3126	6p21.3	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>IL17RA</i>	23765	22q11.1	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>IL18R1</i>	8809	2q12	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>IL1B</i>	3553	2q13-q21	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>IL7</i>	3574	8q12-q13	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>ILK</i>	3611	11p15.4	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>ITGAE</i>	3682	17p13	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>JARID1A</i>	5927	12p11	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>KDR</i>	3791	4q11-q12	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>LOX</i>	4015	5q23.3-q31.2	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>LTBR</i>	4055	12p13	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>MAP2K3</i>	5606	17q11.2	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>MAPRE1</i>	22919	20q11.1-11.3	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>MAST1</i>	22983	19p13.2	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)

<i>MMP13</i>	4322	11q22.3	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>MNAT1</i>	4331	14q23	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>MPI</i>	4351	15q22-qter	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>NAGA</i>	4668	22q13-qter	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>NCOA1</i>	8648	2p23	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>NCSTN</i>	23385	1q22-q23	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>NME1</i>	4830	17q21.33	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>NOC2L</i>	26155	1p36.33	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>NT5DC2</i>	64943	3p21.1	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>PAF1</i>	54623	19q13.1	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>PAK2</i>	5062	3	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>PDE6A</i>	5145	5q31.2-q34	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>PDGFRB</i>	5159	5q31-q32	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>PEF1</i>	553115	1p34	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>PISD</i>	23761	22q12.2	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV 1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>PLXNA2</i>	5362	1q32.2	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>POLR2A</i>	5430	17p13.1	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>PON1</i>	5444	7q21.3	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>PPIA</i>	5478	7p13	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>PPP1CB</i>	5500	2p23	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>PPP2R5A</i>	5525	1q32.2-q32.3	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>PPY2</i>	23614	17q11	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>PTEN</i>	5728	10q23	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>PTK2B</i>	2185	8p21.1	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>RAB3A</i>	5864	19p13.2	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>RALY</i>	22913	20q11.21- q11.23	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>RBBP4</i>	5928	1p35.1	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)

<i>RCL1</i>	10171	9p24.1-p23	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>RGL2</i>	5863	6p21.3	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>RGS1</i>	5996	1q31	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>RGS16</i>	6004	1q25-q31	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>RUNX1</i>	861	21q22.3	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>RYBP</i>	23429	3p14.2	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>S100A4</i>	6275	1q12-q22	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>SBNO1</i>	55206	12q24.31	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>SCGN</i>	10590	6p22.3-p22.1	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>SF3B4</i>	10262	1	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>SFRP4</i>	6424	7p14.1	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>SFRS11</i>	9295	1p21-p34	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>SFRS14</i>	10147	19p13	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>SLC25A11</i>	8402	17p13.3	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>SLC9A1</i>	6548	1p36.1-p35	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>SRPRB</i>	58477	3q22.1	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>STRN3</i>	29966	14q13-q21	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>SUMO1</i>	7341	2q33	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>SYT17</i>	51760	16p12.3	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>TAGLN2</i>	8407	1q21-q25	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>TAL1</i>	6886	1p32	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>TATDN2</i>	9797	3p25.3	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>TCEB2</i>	6923	16p12.3	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>TCF4</i>	6925	18q21.1	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>TMEPAI</i>	56937	20q13.31-q13.33	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>TRIM26</i>	7726	6p21.3	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>TUFM</i>	7284	16p11.2	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)

<i>UBA1</i>	7317	Xp11.23	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>UBAP2L</i>	9898	1q21.3	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>WNT2</i>	7472	7q31	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>YTHDC2</i>	64848	5q22.3	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>ZFP161</i>	7541	18pter-p11.21	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>ZNF211</i>	10520	19q13.4	TOV (tissue)	F-TOV1 vs. F-TOV2	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>CD72</i>	971	9p	TOV (tissue)	F-TOV1 vs. NF-TOV	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>IDH2</i>	3418	15q21-qter	TOV (tissue)	F-TOV1 vs. NF-TOV	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>LCN2</i>	3934	9q34	TOV (tissue)	F-TOV1 vs. NF-TOV	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>PCTK1</i>	5127	Xp11	TOV (tissue)	F-TOV1 vs. NF-TOV	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>WAS</i>	7454	Xp11.4-p11.21	TOV (tissue)	F-TOV1 vs. NF-TOV	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>UBE1</i>	7317	Xp11.23	TOV (tissue)	F-TOV1 vs. NF-TOV	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>SMC1A</i>	8243	Xp11.22-p11.21	TOV (tissue)	F-TOV1 vs. NF-TOV	F-TOV1 (+)	<0.001	MA	Jazaeri et al (2002)
<i>ARAF1</i>	369	Xp11.3-p11.23	TOV (tissue)	F-TOV1 vs. NF-TOV	F-TOV1 (+)	<0.001	MA	Jazaeri et al (2002)
<i>EBP</i>	10682	Xp11.23-p11.22	TOV (tissue)	F-TOV1 vs. NF-TOV	F-TOV1 (+)	<0.001	MA	Jazaeri et al (2002)
<i>PSTPIP1</i>	9051	15q24-q25.1	TOV (tissue)	F-TOV1 vs. NF-TOV	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>SIAHPB1</i>	22827	8q24.3	TOV (tissue)	F-TOV1 vs. NF-TOV	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>SLC25A11</i>	8402	17p13.3	TOV (tissue)	F-TOV1 vs. NF-TOV	F-TOV1 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>SYT17</i>	51760	16p12.3	TOV (tissue)	F-TOV2 vs. NF-TOV	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>LRPAP1</i>	4043	4p16.3	TOV (tissue)	F-TOV2 vs. NF-TOV	F-TOV2 (+)	<0.0001	MA	Jazaeri et al (2002)
<i>PSTPIP1</i>	9051	15q24-q25.1	TOV (tissue)	NF-TOV BRCA1/2-like vs. NF-TOV	TOV BRCA1/2-like (+)	<0.0001	MA	Jazaeri et al (2002)
<i>IDH2</i>	3418	15q21-qter	TOV (tissue)	NF-TOV BRCA1/2-like vs. NF-TOV	TOV BRCA1/2-like (+)	<0.0001	MA	Jazaeri et al (2002)
<i>PCTK1</i>	5127	Xp11	TOV (tissue)	NF-TOV BRCA1/2-like vs. NF-TOV	TOV BRCA1/2-like (+)	<0.0001	MA	Jazaeri et al (2002)
<i>ABCB1</i>	5243	7q21.12	TOV(tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (+)	≥2 fold change	MA	Jazaeri et al (2002)
<i>ALDH1A3</i>	220	15q26	TOV(tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (-)	≥2 fold change	MA	Jazaeri et al (2002)

<i>BRF2</i>	55290	8p11.23	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (+)	≥2 fold change	MA	Jazaeri et al (2002)
<i>CD24</i>	934	6q21	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (+)	≥2 fold change	MA	Jazaeri et al (2002)
<i>CD44</i>	960	11p13	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (-)	≥2 fold change	MA	Jazaeri et al (2002)
<i>CD74</i>	972	5q31-q33	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (+)	≥2 fold change	MA	Jazaeri et al (2002)
<i>CDC25B</i>	994	20p13	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOSE (-)	≥2 fold change	MA	Jazaeri et al (2002)
<i>CP</i>	1356	3q23-q25	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (+)	≥2 fold change	MA	Jazaeri et al (2002)
<i>CXCL1</i>	2919	4q13.3	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (-)	≥2 fold change	MA	Jazaeri et al (2002)
<i>DDR1</i>	780	6p21.33	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (+)	≥2 fold change	MA	Jazaeri et al (2002)
<i>FGF2</i>	2247	4q26	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (-)	≥2 fold change	MA	Jazaeri et al (2002)
<i>FLNA</i>	2316	Xq28	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (-)	≥2 fold change	MA	Jazaeri et al (2002)
<i>FOS</i>	2353	14q24.3	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (+)	≥2 fold change	MA	Jazaeri et al (2002)
<i>HGF</i>	3082	7q21.1	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (+)	≥2 fold change	MA	Jazaeri et al (2002)
<i>HLA-DPA1</i>	3113	6p21.3	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (+)	≥2 fold change	MA	Jazaeri et al (2002)
<i>HLA-DRA</i>	3122	6p21.3	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (+)	≥2 fold change	MA	Jazaeri et al (2002)
<i>HLA-DRB1</i>	3123	6p21.3	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (+)	≥2 fold change	MA	Jazaeri et al (2002)
<i>HLA-DRB5</i>	3127	6p21.3	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (+)	≥2 fold change	MA	Jazaeri et al (2002)
<i>IFI6</i>	2537	1p35	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (+)	≥2 fold change	MA	Jazaeri et al (2002)
<i>IFITM1</i>	8519	11p15.5	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (+)	≥2 fold change	MA	Jazaeri et al (2002)
<i>IFITM2</i>	10581	11p15.5	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (+)	≥2 fold change	MA	Jazaeri et al (2002)

<i>IL8</i>	3576	4q13-q21	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (-)	≥2 fold change	MA	Jazaeri et al (2002)
<i>LDHA</i>	3939	11p15.1	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (-)	≥2 fold change	MA	Jazaeri et al (2002)
<i>MMP1</i>	4312	11q21-q22	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (-)	≥2 fold change	MA	Jazaeri et al (2002)
<i>MSR1</i>	4481	8p22	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (+)	≥2 fold change	MA	Jazaeri et al (2002)
<i>MT1X</i>	4501	16q13	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (-)	≥2 fold change	MA	Jazaeri et al (2002)
<i>MT2A</i>	4502	16q13	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (-)	≥2 fold change	MA	Jazaeri et al (2002)
<i>MYST3</i>	7994	8p11	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (-)	≥2 fold change	MA	Jazaeri et al (2002)
<i>NT5E</i>	4907	6q14-q21	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (-)	≥2 fold change	MA	Jazaeri et al (2002)
<i>PBEF1</i>	10135	7q22.2	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (-)	≥2 fold change	MA	Jazaeri et al (2002)
<i>PLAU</i>	5328	10q24	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (-)	≥2 fold change	MA	Jazaeri et al (2002)
<i>POSTN</i>	10631	13q13.3	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (-)	≥2 fold change	MA	Jazaeri et al (2002)
<i>PPP1R7</i>	5510	2q37.3	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (+)	≥2 fold change	MA	Jazaeri et al (2002)
<i>PRNP</i>	5621	20pter-p12	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (-)	≥2 fold change	MA	Jazaeri et al (2002)
<i>PTGS2</i>	5743	1q25.2-q25.3	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (-)	≥2 fold change	MA	Jazaeri et al (2002)
<i>RGS1</i>	5996	1q31	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (+)	≥2 fold change	MA	Jazaeri et al (2002)
<i>RGS16</i>	6004	1q25-q31	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (+)	≥2 fold change	MA	Jazaeri et al (2002)
<i>SCGB1A1</i>	7356	11q11-qter	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (-)	≥2 fold change	MA	Jazaeri et al (2002)
<i>SERPINF2</i>	5345	17pter-p12	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (+)	≥2 fold change	MA	Jazaeri et al (2002)
<i>SGK1</i>	6446	6q23	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (+)	≥2 fold change	MA	Jazaeri et al (2002)

<i>SORL1</i>	6653	11q23.2-q24.2	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (+)	≥2 fold change	MA	Jazaeri et al (2002)
<i>TFPI2</i>	7980	7q	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (-)	≥2 fold change	MA	Jazaeri et al (2002)
<i>TLR3</i>	7098	4q35	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (+)	≥2 fold change	MA	Jazaeri et al (2002)
<i>TOR1A</i>	1861	9q32-q34	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (-)	≥2 fold change	MA	Jazaeri et al (2002)
<i>TXNRD1</i>	7296	12q23-q24.1	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (-)	≥2 fold change	MA	Jazaeri et al (2002)
<i>UCHL1</i>	7345	4p13	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (-)	≥2 fold change	MA	Jazaeri et al (2002)
<i>WFDC2</i>	10406	20q12-q13.2	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (+)	≥2 fold change	MA	Jazaeri et al (2002)
<i>ZFP36</i>	7538	19q13.1	TOV (tissue)/IOSEs	TOV (F- & NF) vs. IOSEs	TOV (+)	≥2 fold change	MA	Jazaeri et al (2002)
<i>PNPLA4</i>	8228	Xp22.3	TOV (tissue)	F-TOV1 vs. NF-TOV	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004) J Translational Med; 2(32), 1-8
<i>CDKL5</i>	6792	Xp22	TOV (tissue)	F-TOV1 vs. NF-TOV	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>UBA1</i>	7317	Xp11.23	TOV (tissue)	F-TOV1 vs. NF-TOV	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>ARAF</i>	369	Xp11.3-p11.23	TOV (tissue)	F-TOV1 vs. NF-TOV	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>ELF4</i>	2000	Xq26	TOV (tissue)	F-TOV1 vs. NF-TOV	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>EBP</i>	10682	Xp11.23-p11.22	TOV (tissue)	F-TOV1 vs. NF-TOV	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>SMC1A</i>	8243	Xp11.22-p11.21	TOV (tissue)	F-TOV1 vs. NF-TOV	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>PCTK1</i>	5127	Xp11	TOV (tissue)	F-TOV1 vs. NF-TOV	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>WAS</i>	7454	Xp11.4-p11.21	TOV (tissue)	F-TOV1 vs. NF-TOV	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>NAP1L3</i>	4675	Xq21.3-q22	TOV (tissue)	F-TOV1 vs. NF-TOV	F-TOV1 (-)	<0.005	MA	Jazaeri et al (2004)
<i>ARHGEF6</i>	9459	Xq26	TOV (tissue)	F-TOV1 vs. NF-TOV	F-TOV1 (-)	<0.005	MA	Jazaeri et al (2004)
<i>EBP</i>	10682	Xp11.23-p11.22	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA1</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>PCTK1</i>	5127	Xp11	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA1</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>UBA1</i>	7317	Xp11.23	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA1</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)



<i>WAS</i>	7454	Xp11.4-p11.21	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA1</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>ARAF</i>	369	Xp11.3-p11.23	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>ARD1A</i>	8260	Xq28	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>BCAP31</i>	10134	Xq28	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>CD99</i>	4267	Xp22.32; Yp11.3	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>CDKL5</i>	6792	Xp22	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>EBP</i>	10682	Xp11.23-p11.22	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>EFNB1</i>	1947	Xq12	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>ELF4</i>	2000	Xq26	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>ELK1</i>	2002	Xp11.23	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>ENOX2</i>	10495	Xq25	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>HNRPH2</i>	3188	Xq22	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>HUWE1</i>	10075	Xp11.22	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>MSN</i>	4478	Xq11.1	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>PCTK1</i>	5127	Xp11	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>PNPLA4</i>	8228	Xp22.3	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>RPL10</i>	6134	Xq28	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>SLC35A2</i>	7355	Xp11.23-p11.22	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>SMC1A</i>	8243	Xp11.22-p11.21	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)

<i>TAZ</i>	6901	Xq28	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>TMEM</i>	203562	Xq22.2	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>TIMP1</i>	7076	Xp11.3-p11.23	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>UBA1</i>	7317	Xp11.23	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>USP9X</i>	8239	Xp11.4	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>VBP1</i>	7411	Xq28	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>WAS</i>	7454	Xp11.4-p11.21	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	MA	Jazaeri et al (2004)
<i>BGN</i>	633	Xq28	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (-)	<0.005	MA	Jazaeri et al (2004)
<i>GPM6B</i>	2824	Xp22.2	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (-)	<0.005	MA	Jazaeri et al (2004)
<i>GPRASP1</i>	9737	Xq22.1	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV 1 (-)	<0.005	MA	Jazaeri et al (2004)
<i>IL13RA2</i>	3598	Xq13.1-q28	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (-)	<0.005	MA	Jazaeri et al (2004)
<i>MCF2</i>	4168	Xq26.3-q27.1	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (-)	<0.005	MA	Jazaeri et al (2004)
<i>NAP1L3</i>	4675	Xq21.3-q22	TOV (tissue)	F F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (-)	<0.005	MA	Jazaeri et al (2004)
<i>SEPT_6</i>	23157	Xq24	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (-)	<0.005	MA	Jazaeri et al (2004)
<i>ZRSR2</i>	8233	Xp22.1	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (-)	<0.005	MA	Jazaeri et al (2004)
<i>PPEF1</i>	5475	Xp22.13	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (-)	<0.005	MA	Jazaeri et al (2004)
<i>ARHGEF6</i>	9459	Xq26	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (-)	<0.005	***X-MA	Jazaeri et al (2004)
<i>KRT18P49</i>	392516	Xq22.3	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (-)	<0.005	X-MA	Jazaeri et al (2004)
<i>KRT8P11</i>	347265	9q22.33	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (-)	<0.005	X-MA	Jazaeri et al (2004)

<i>KRT8P14</i>	347333	Xp11.3	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (-)	<0.005	X-MA	Jazaeri et al (2004)
<i>KRT8P17</i>	392479	Xp11.1	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (-)	<0.005	X-MA	Jazaeri et al (2004)
<i>KRT8P27</i>	442455	Xq11.1	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (-)	<0.005	X-MA	Jazaeri et al (2004)
<i>EIF2S3</i>	1968	Xp22.2-p22.1	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	X-MA	Jazaeri et al (2004)
<i>ELK1</i>	2002	Xp11.23	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	X-MA	Jazaeri et al (2004)
<i>F8</i>	2157	Xq28	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	X-MA	Jazaeri et al (2004)
<i>GRIPAP1</i>	56850	Xp11.23	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	X-MA	Jazaeri et al (2004)
<i>HCCS</i>	3052	Xp22	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	X-MA	Jazaeri et al (2004)
<i>HMGB3</i>	3149	Xq28	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	X-MA	Jazaeri et al (2004)
<i>MOSPD1</i>	56180	Xq26.3	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	X-MA	Jazaeri et al (2004)
<i>SUV39H1</i>	6839	Xp11.23	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	X-MA	Jazaeri et al (2004)
<i>WNK3</i>	65267	Xp11.22	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	X-MA	Jazaeri et al (2004)
<i>ZFX</i>	7543	Xp22.1-p21.3	TOV (tissue)	F F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	X-MA	Jazaeri et al (2004)
<i>ZNF75D</i>	7626	Xq26	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	X-MA	Jazaeri et al (2004)
<i>PHF8</i>	23133	Xp11.22	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (+)	<0.005	X-MA	Jazaeri et al (2004)
<i>BMP2KL</i>	347359	Xq13.2	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (-)	<0.005	X-MA	Jazaeri et al (2004)
<i>ZCCHC13</i>	389874	Xq13.2	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (-)	<0.005	X-MA	Jazaeri et al (2004)
<i>GLRA4</i>	441509	Xq22.2	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (-)	<0.005	X-MA	Jazaeri et al (2004)
<i>MORF4L2</i>	9643	Xq22	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (-)	<0.005	X-MA	Jazaeri et al (2004)

<i>ZNF275</i>	10838	Xq28	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (-)	<0.005	X-MA	Jazaeri et al (2004)
<i>FOXR2</i>	139628	Xp11	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (-)	<0.005	X-MA	Jazaeri et al (2004)
<i>MAGEH1</i>	28986	Xp11.22	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (-)	<0.005	X-MA	Jazaeri et al (2004)
<i>LANCL3</i>	347404	Xp21.1	TOV (tissue)	F-TOV1 vs. NF-TOV <i>BRCA2</i> -like	F-TOV1 (-)	<0.005	X-MA	Jazaeri et al (2004)
<i>BCL2</i>	596	18q21.3	F-NOSES/BOVs/ TOVs (°P-E tissues)	(F-NOSEs or BOVs) vs. TOV	TOV (-)	< 0.001	**IHC	Kerner et al (2005) Gynecologic Oncology; 99, 367-375
<i>CDKN2A</i>	1029	9p21	F-NOSES (°°SE)/BOVs /TOVs (P-E tissues)	(F-NOSEs or BOVs) vs. TOV	TOV (+)	< 0.001	IHC	Kerner et al (2005)
<i>MKI67</i>	4288	10q26.2	F-NOSES (SE)/BOVs/ TOVs (P-E tissues)	(F-NOSEs or BOVs) vs. TOV	TOV (+)	< 0.001	IHC	Kerner et al (2005)
<i>SKP2</i>	6502	5p13	F-NOSES (SE)/BOVs/ TOVs (P-E tissues)	(F-NOSEs or BOVs) vs. TOV	TOV (+)	< 0.001	IHC	Kerner et al (2005)
<i>TP53</i>	7157	17p13.1	F-NOSES (SE)/BOVs/ TOVs (P-E tissues)	(F-NOSEs or BOVs) vs. TOV	TOV (+)	< 0.001	IHC	Kerner et al (2005)
<i>BCL2</i>	596	18q21.3	F-NOSES (§CC & IC)/ BOVs/TOV (P-E tissues)	(F-NOSEs or BOVs) vs. TOV	TOSE (-)	< 0.001	IHC	Kerner et al (2005)
<i>CDKN2A</i>	1029	9p21	F-NOSES (CC & ICs)/ BOVs/TOVs (P-E tissues)	(F-NOSEs or BOVs) vs. TOV	TOV (+)	< 0.001	IHC	Kerner et al (2005)
<i>MKI67</i>	4288	10q26.2	F-NOSES (CC & ICs)/ BOVs/TOVs (P-E tissues)	(F-NOSEs or BOVs) vs. TOV	TOV (+)	< 0.001	IHC	Kerner et al (2005)
<i>SKP2</i>	6502	5p13	F-NOSES (CC & ICs)/ BOVs/TOVs (P-E tissues)	(F-NOSEs or BOVs) vs. TOV	TOV (+)	< 0.001	IHC	Kerner et al (2005)
<i>TP53</i>	7157	17p13.1	F-NOSES (CC & ICs)/ BOVs/TOVs (P-E tissues)	(F-NOSEs or BOVs) vs. TOV	TOV (+)	< 0.001	IHC	Kerner et al (2005)
<i>TP53</i>	7157	17p13.1	F-NOSES (CC & ICs)/ BOVs/TOVs (P-E tissues)	F-NOSEs vs. BOVs	F-NOSEs (+)	< 0.03	IHC	Kerner et al (2005)

<i>BCL2</i>	596	18q21.3	P-E ovaries: ICES (normal inclusion cyst epithelium) /NOSEs	FH-ICES vs. NFH-ICES	FH-ICES (+)	0,006	IHC	Piek et al (2003) Histopathology; 43, 26-32
<i>PGR</i>	5241	11q22-q23	P-E ovaries: ICES /NOSEs	FH-ICES vs. NFH-ICES	FH-ICES (+)	0.039	IHC	Piek et al (2003)
<i>BCL2</i>	596	18q21.3	P-E ovaries: ICES /NOSEs	FH-NOSEs vs. NFH-NOSEs	FH-NOSE (+)	0.05	IHC	Piek et al (2003)
<i>ACTA2</i>	59	10q22-q24	IOSEs	F-IOSEs-1 vs. NF-IOSEs	F-IOSEs-1 (-)	2.1 fold change	†MALDI-TOF MS	Smith-Beckerman et al (2005). Molecular & Cellular Proteomics; 4, 156-168
<i>CAPZA1</i>	829	1p13.2	IOSEs	F-IOSEs-1 vs. NF-IOSEs	F-IOSEs-1 (-)	1.4 fold change	MALDI-TOF MS	Smith-Beckerman et al (2005)
<i>CFL1</i>	1072	11q13.1	IOSEs	F-IOSEs-1 vs. NF-IOSEs	F-IOSEs-1 (-)	3.0 fold change	MALDI-TOF MS	Smith-Beckerman et al (2005)
<i>HSPB1</i>	3315	7q	IOSEs	F-IOSEs-1 vs. NF-IOSEs	F-IOSEs-1 (-)	1.7 fold change	MALDI-TOF MS	Smith-Beckerman et al (2005)
<i>PHGDH</i>	26227	1p12	IOSEs	F-IOSEs-1 vs. NF-IOSEs	F-IOSEs-1 (-)	2.1 fold change	MALDI-TOF MS	Smith-Beckerman et al (2005)
<i>PPA1</i>	5464	10q11.1-q24	IOSEs	F-IOSEs-1 vs. NF-IOSEs	F-IOSEs-1 (-)	2.0 fold change	MALDI-TOF MS	Smith-Beckerman et al (2005)
<i>TMOD3</i>	29766	15q21.1-q21.2	IOSEs	F-IOSEs-1 vs. NF-IOSEs	F-IOSEs-1 (-)	1.7 fold change	MALDI-TOF MS	Smith-Beckerman et al (2005)
<i>TPT1</i>	7178	13q14	IOSEs	F-IOSEs-1 vs. NF-IOSEs	F-IOSEs-1 (-)	1.8 fold change	MALDI-TOF MS	Smith-Beckerman et al (2005)
<i>TUBB</i>	203068	6p21.33	IOSEs	F-IOSEs-1 vs. NF-IOSEs	F-IOSEs-1 (+)	6.6 fold change	MALDI-TOF MS	Smith-Beckerman et al (2005)
<i>UCHL1</i>	7345	4p14	IOSEs	F-IOSEs-1 vs. NF-IOSEs	F-IOSEs-1 (+)	1.5 fold change	MALDI-TOF MS	Smith-Beckerman et al (2005)
<i>GLO1</i>	2739	6p21.3-p21.1	IOSEs	F-IOSEs-1 vs. NF-IOSEs	F-IOSEs-1 (+)	1.5 fold change	MALDI-TOF MS	Smith-Beckerman et al (2005)
<i>PRKG1</i>	5592	10q11.2	F-NOSEs1 § NF-NOSES #PC, IOSEs, TIOSEs & TOVs cell lines.	NOSEs vs. IOSEs vsTIOSEs & TOVs	High levels in NOSEs; low in IOSEs; absent in TIOSEs	< 0.001	‡WB	Wong et al (2001) Gynecologic Oncology; 82, 305-311

<i>MAP2K6</i>	5608	17q	NOSEs (FH & NFH) PC, IOSEs, TIOSEs & TOVs cell lines	NOSEs vs. IOSEs vs. TIOSEs vs. TOVs	Absent in IOSEs & NOSEs, expressed in TIOSEs & TOV, (trend to TOV > TIOSEs)	< 0.001	WB	Wong et al (2001)
<i>MAPK14</i>	1432	6p21.3-p21.2	NOSEs (FH & NFH) PC, IOSEs, TIOSEs & TOV cell lines	NOSEs vs. IOSEs vs. TIOSEs vs. TOVs	Upregulated 2-fold in IOSEs	< 0.05	WB	Wong et al (2001)
<i>CSNK2A1</i>	1457	20p13	F-NOSEs1 & NF- NOSEs (PC), IOSEs, TIOSEs & TOV cell lines	NOSEs vs. IOSEs vs. TIOSEs	Upregulated 2-3 fold in IOSEs & TIOSEs	< 0.05	WB	Wong et al (2001)
<i>CDK1</i>	983	10q21.2	F-NOSEs1 & NF- NOSEs (PC), IOSEs, TIOSEs & TOV cell lines	NOSEs vs. IOSEs vs. TIOSEs	Upregulated >10-fold in TIOSEs & IOSEs.	< 0.001	WB	Wong et al (2001)
<i>GSK3B</i>	2932	3q13.33	F-NOSEs1 & NF- NOSEs (PC), IOSEs, TIOSEs & TOV cell lines.	NOSEs vs. IOSEs vs. TIOSEs vs. TOVs	Upregulated 2-3 fold in IOSEs, TIOSEs & TOV cell lines	NA	WB	Wong et al (2001)
<i>PRKCA</i>	5578	17q22-q24	F-NOSEs1 & NF- NOSEs PC, IOSEs, TIOSEs & TOV cell lines.	NOSEs vs. IOSEs vs. TIOSEs vs. TOVs	Abundant in TIOSEs, down-regulated 5-fold in NOSEs & TOVs	< 0.05	WB	Wong et al (2001)
<i>PRKCB1</i>	5579	16p12	F-NOSEs1 & NF- NOSEs PC, IOSEs, TIOSEs & TOV cell lines.	NOSEs vs. IOSEs vs. TIOSEs vs. TOVs	Abundant in TIOSEs, down-regulated 5-fold in NOSEs & TOVs	< 0.05	WB	Wong et al (2001)
<i>AKT1</i>	207	14q32.32-q32.33	NOSEs (FH & NFH) PC, IOSEs, TIOSEs & TOV cell lines.	NOSEs vs. IOSEs vs. TIOSEs vs. TOVs	Increased in TIOSEs	NA	WB	Wong et al (2001)
<i>AKT2</i>	208	19q13.1-q13.2	NOSEs (FH & NFH) PC, IOSEs, TIOSEs & TOV cell lines.	NOSEs vs. IOSEs vs. TIOSEs vs. TOVs	Up-regulated 2-5 fold in TIOSEs & some TOVs	< 0.05	WB	Wong et al (2001)
<i>RPS6KB2</i>	6199	11q13.1	NOSEs (FH & NFH) PC, IOSEs, TIOSEs & TOV cell lines.	NOSEs vs. IOSEs vs. TIOSEs vs. TOVs	Up-regulated 2-5 fold in TIOSEs & some TOVs	< 0.05	WB	Wong et al (2001)

<i>SORBS1</i>	10580	10q23.33	NOSEs (FH & NFH) PC	F-NOSEs1 vs. NF-NOSEs	F-NOSEs1 (+)	7 fold-change	MA	Bellacosa et al. (2010) Cancer Prev Res;3: 48-61.
<i>SAA2</i>	6289	11p15.1-p14	NOSEs (FH & NFH) PC	F-NOSEs1 vs. NF-NOSEs	F-NOSEs1 (+)	5 fold-change	MA	Bellacosa et al (2010)
<i>SAA1</i>	6288	11p15.1	NOSEs (FH & NFH) PC	F-NOSEs1 vs. NF-NOSEs	F-NOSEs1 (+)	5 fold-change	MA	Bellacosa et al (2010)
<i>CD24</i>	934	6q21	NOSEs (FH & NFH) PC	F-NOSEs1 vs. NF-NOSEs	F-NOSEs1 (+)	5 fold-change	MA	Bellacosa et al (2010)
<i>MF12</i>	4241	3q28-q29	NOSEs (FH & NFH) PC	F-NOSEs1 vs. NF-NOSEs	F-NOSEs1 (+)	3.5 fold-change	MA	Bellacosa et al (2010)
<i>SPON1</i>	10418	11p15.2	NOSEs (FH & NFH) PC	F-NOSEs1 vs. NF-NOSEs	F-NOSEs1 (+)	2.5 fold-change	MA	Bellacosa et al (2010)
<i>THBS1</i>	7057	15q15	NOSEs (FH & NFH) PC	F-NOSEs1 vs. NF-NOSEs	F-NOSEs1 (+)	2.0 fold-change	MA	Bellacosa et al (2010)
<i>GAS6</i>	2621	13q34	NOSEs (FH & NFH) PC	F-NOSEs1 vs. NF-NOSEs	F-NOSEs1 (+)	2.0 fold-change	MA	Bellacosa et al (2010)
<i>CSPG4</i>	1464	15q24.2	NOSEs (FH & NFH) PC	F-NOSEs1 vs. NF-NOSEs	F-NOSEs1 (-)	0.3 fold-change	MA	Bellacosa et al (2010)
<i>CCNB1</i>	891	5q12	NOSEs (FH & NFH) PC	F-NOSEs1 vs. NF-NOSEs	F-NOSEs1 (-)	0.2 fold-change	MA	Bellacosa et al (2010)
<i>TOP2A</i>	7153	17q21-q22	NOSEs (FH & NFH) PC	F-NOSEs1 vs. NF-NOSEs	F-NOSEs1 (-)	0.1 fold-change	MA	Bellacosa et al. (2010)
<i>NUSAP1</i>	51203	15q14	NOSEs (FH & NFH) PC	F-NOSEs1 vs. NF-NOSEs	F-NOSEs1 (-)	0.1 fold-change	MA	Bellacosa et al (2010)
<i>CDK1 (CDC2)</i>	983	10q21.2	NOSEs (FH & NFH) PC	F-NOSEs1 vs. NF-NOSEs	F-NOSEs1 (-)	0.1 fold-change	MA	Bellacosa et al (2010)
<i>MMP3</i>	4314	11q22.3	NOSEs (FH & NFH) PC	F-NOSEs2 vs. NF-NOSEs	F-NOSEs2 (+)	12.14 fold-change	MA	Bellacosa et al (2010)
<i>PTGS1</i>	5742	9q32-q33.3	NOSEs (FH & NFH) PC	F-NOSEs2 vs. NF-NOSEs	F-NOSEs2 (+)	6.60 fold-change	MA	Bellacosa et al (2010)
<i>MMP1</i>	4312	11q21-q22	NOSEs (FH & NFH) PC	F-NOSEs2 vs. NF-NOSEs	F-NOSEs2 (+)	2.05 fold-change	MA	Bellacosa et al (2010)

KRT18	3875 12q13	NOSEs (FH & NFH) PC	F-NOSEs2 vs. NF-NOSEs	F-NOSEs2 (-)	0.35 fold-change	MA	Bellacosa et al (2010)
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*NOSE: morphologically normal ovarian surface epithelium, TOV: tumor of ovary, TOV1: TOV from a BRCA1 carrier, TOV2: TOV from a BRCA2 carrier.*

*IOSE : immortalised ovarian surface epithelium cell line, TIOSE : Tumoral-IOSE.*

*F-NOSE1: NOSE from a BRCA1 mutation carrier, F-NOSE2: NOSE from a BRCA2 mutation carrier.*

*NF: Non-familial (without a BRCA1 or BRCA2 mutation), F: Familial with a BRCA1 or BRCA2 mutation, NA = Not Available.*

*(+) = increased level of expression, (-) = decreased level of expression*

*\*MA = Microarray, \*\*IHC = Immunohistochemistry, \*\*\*X-MA : X-chromosome enriched cDNA MA.*

*†MALDI-TOF MS = Matrix assisted laser desorption ionisation time-of-flight mass spectrometry, ‡WB = Western Blot.*

*°P-E = Paraffin-Embedded, °°SE = Surface epithelium, #PC = Primary cultures, § CC & IC = Cortical clefts and Inclusion Cysts.*