

**Supplemental Table 1.** List of GEP70 genes located on chromosome 1 and their cytoband location.

Cytoband	Affymetrix probe set ID	Gene symbol
1p11	225834_at	<i>MGC57827</i>
1p13	227278_at	<i>TAF13</i>
1p13.1	212435_at	<i>TRIM33</i>
1p13.2	200850_s_at	<i>AHCYL1</i>
1p13.3	213628_at	<i>MCLC</i>
1p13.3	222495_at	<i>AD-020</i>
1p22	209717_at	<i>EVI5</i>
1p22	218924_s_at	<i>CTBS</i>
1p22.1	1554736_at	<i>PARG1</i>
1p34	202838_at	<i>FUCA1</i>
1p36.13	201231_s_at	<i>ENO1</i>
1p36.33	213607_x_at	<i>FLJ13052</i>
1q21.2	201897_s_at	<i>CKS1B</i>
1q21.2	210460_s_at	<i>PSMD4</i>
1q22	206513_at	<i>AIM2</i>
1q22	206332_s_at	<i>IFI16</i>
1q23.3	200916_at	<i>TAGLN2</i>
1q31.3	219918_s_at	<i>ASPM</i>
1q32.1	206364_at	<i>KIF14</i>
1q43	1565951_s_at	<i>OPN3</i>
1q43	242488_at	Unknown