

**Table 1. Genes encoding candidate secreted proteins overexpressed in carcinomas**

<i>Gene Name</i>	<i>Refseq</i>	<i>Evidence</i>	<i>Carcinoma</i>	<i>T/CN</i>	<i>T/ON</i>
cartilage linking protein 1	NM_001884	GO and TMSC	Breast, ER-	7.0	2.9
<i>GDNF family receptor alpha 1</i>	<i>NM_005264</i>	<i>GO and TMSC</i>	<i>Breast, ER+</i>	<i>9.3</i>	<i>9.0</i>
Lipophilin B	NM_006551	GO and TMSC	Breast, ER+/-	47.5	89.7
small inducible cytokine subfamily B10	NM_001565	GO and TMSC	Breast, ER+/-	10.3	6.9
small inducible cytokine subfamily B11	NM_005409	GO and TMSC	Breast, ER+/-	8.1	3.7
collagen, type XI, alpha 1	NM_001854	GO and TMSC	Breast, ER+/-	57.3	2.7
<i>tumor necrosis factor (ligand) superfamily 9</i>	<i>NM_003811</i>	<i>GO and TMSC</i>	<i>Gastric</i>	<i>3.6</i>	<i>3.6</i>
<b>angiopoietin 2</b>	NM_001147	GO and TMSC	Kidney	15.3	13.3
<b>insulin-like growth factor 2 (somatomedin A)</b>	NM_000612	GO and TMSC	Kidney	50.9	8.3
TNF, alpha-induced protein 6	NM_007115	GO and TMSC	Kidney	10.3	4.5
adrenomedullin	NM_001124	GO and TMSC	Kidney	3.4	3.4
insulin-like growth factor binding protein 3	NM_000598	GO and TMSC	Kidney	6.5	2.7
insulin-like growth factor binding protein 5	NM_000599	GO and TMSC	Kidney	4.1	2.5
<b>angiopoietin 2</b>	NM_001147	GO and TMSC	Kidney	3.5	2.5
lysyl oxidase	NM_002317	GO and TMSC	Kidney	3.0	2.4
neurotensin	NM_006183	GO and TMSC	Liver	96.3	9.0
<i>cytokine receptor-like factor 1</i>	<i>NM_004750</i>	<i>GO and TMSC</i>	<i>Lung, AdCa</i>	<i>16.2</i>	<i>8.5</i>
gastrin-releasing peptide	NM_002091	GO and TMSC	Lung, other	16.5	10.4
arginine vasopressin	NM_000490	GO and TMSC	Lung, other	4.5	5.3
pentaxin-related gene	NM_002852	GO and TMSC	Lung, other	15.1	4.2
small inducible cytokine subfamily A20	NM_004591	GO and TMSC	Lung, other	5.6	3.0
matrix metalloproteinase 10	NM_002425	GO and TMSC	Lung, SCC	15.1	18.0
matrix metalloproteinase 13	NM_002427	GO and TMSC	Lung, SCC	7.4	7.4
matrix metalloproteinase 1	NM_002421	GO and TMSC	Lung, SCC	24.0	5.9
heparin-binding growth factor binding	NM_005130	GO and TMSC	Lung, SCC	24.5	2.7
matrix metalloproteinase 12	NM_002426	GO and TMSC	Lung, SCC	32.2	2.1
neuromedin U	NM_006681	GO and TMSC	Ovary	12.1	5.3
<b>insulin-like growth factor 2 (somatomedin A)</b>	NM_000612	GO and TMSC	Ovary	28.5	3.2
kallikrein 10	NM_002776	GO and TMSC	Ovary	5.1	2.4
relaxin 1 (H1)	NM_006911	GO and TMSC	Prostate	4.6	7.8
neuropeptide Y	NM_000905	GO and TMSC	Prostate	4.7	5.2
MIC-1	NM_004864	GO and TMSC	Prostate	6.7	3.5
mucin 2, intestinal/tracheal	NM_002457	GO only	Colon	8.8	5.3
interleukin 18	NM_001562	GO only	Gastric	3.8	2.6
Indian hedgehog homolog (Drosophila)	none	GO only	Gastric	4.7	2.4
<i>adipose differentiation-related protein</i>	<i>NM_001122</i>	<i>GO only</i>	<i>Kidney</i>	<i>9.6</i>	<i>2.6</i>

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<i>vascular endothelial growth factor receptor</i>	<i>NM_002019</i>	<i>GO only</i>	<i>Kidney</i>	<i>3.8</i>	<i>2.4</i>
alpha-fetoprotein	NM_001134	GO only	Liver	7.6	7.6
hypocretin (orexin) receptor 1	NM_001525	GO only	Liver	5.4	5.4
interleukin 1, beta	NM_000576	GO only	Lung, other	33.5	33.5
<i>neurotensin receptor 1 (high affinity)</i>	<i>NM_002531</i>	<i>GO only</i>	<i>Lung, other</i>	<i>10.3</i>	<i>10.3</i>
plasminogen activator inhibitor type 1	NM_000602	GO only	Lung, other	43.4	5.4
<i>ephrin-B2</i>	<i>NM_004093</i>	<i>GO only</i>	<i>Lung, other</i>	<i>3.5</i>	<i>2.8</i>
interleukin 1, beta	NM_000576	GO only	Lung, other	3.1	2.2
epiregulin	NM_001432	GO only	Lung, other	4.2	2.1
Galectin 7	NM_002307	GO only	Lung, SCC	39.7	34.6
plakophilin 1	NM_000299	GO only	Lung, SCC	7.9	7.9
WNT7A	NM_004625	GO only	Ovary	6.2	6.2
<i>E2F transcription factor 3</i>	<i>NM_001949</i>	<i>TMSC Only</i>	<i>Breast, ER-</i>	<i>10.8</i>	<i>6.6</i>
FLJ20244	Hs.351792	TMSC Only	Breast, ER-	3.7	3.7
<i>carbohydrate sulfotransferase 2</i>	<i>NM_004267</i>	<i>TMSC Only</i>	<i>Breast, ER-</i>	<i>7.9</i>	<i>2.0</i>
serine hydrolase-like	NM_014509	TMSC Only	Breast	17.5	17.5
<i>FLJ13927</i>	<i>Hs.343963</i>	<i>TMSC Only</i>	<i>Breast</i>	<i>6.6</i>	<i>11.6</i>
mammaglobin A	NM_002411	TMSC Only	Breast	9.0	8.9
<i>cytochrome c oxidase subunit VIc</i>	<i>NM_004374</i>	<i>TMSC Only</i>	<i>Breast</i>	<i>3.5</i>	<i>2.9</i>
mammaglobin B	NM_002407	TMSC Only	Breast	14.2	2.6
defensin, alpha 6, Paneth cell-specific	NM_001926	TMSC Only	Gastric	20.5	5.7
<i>proline 4-hydroxylase</i>	<i>NM_000918</i>	<i>TMSC Only</i>	<i>Gastric</i>	<i>4.3</i>	<i>4.3</i>
defensin, alpha 5, Paneth cell-specific	NM_021010	TMSC Only	Gastric	3.8	3.9
endothelial cell-specific molecule 1	NM_007036	TMSC Only	Kidney	6.6	6.5
<i>cerebroside sulfotransferase</i>	<i>NM_004861</i>	<i>TMSC Only</i>	<i>Kidney</i>	<i>9.9</i>	<i>6.3</i>
vanin 1	NM_004666	TMSC Only	Kidney	4.9	4.9
<i>TNF-r superfamily, member 17</i>	<i>NM_001192</i>	<i>TMSC Only</i>	<i>Liver</i>	<i>4.2</i>	<i>3.1</i>
bone morphogenetic protein 6	NM_001718	TMSC Only	Lung, AdCa	3.1	3.1
<i>Zic family member 3 heterotaxy 1</i>	<i>NM_003413</i>	<i>TMSC Only</i>	<i>Lung, other</i>	<i>6.5</i>	<i>6.5</i>
<i>achaete-scute complex-like 1 (Drosophila)</i>	<i>NM_004316</i>	<i>TMSC Only</i>	<i>Lung, other</i>	<i>55.2</i>	<i>5.7</i>
<i>achaete-scute complex-like 1 (Drosophila)</i>	<i>NM_004316</i>	<i>TMSC Only</i>	<i>Lung, other</i>	<i>28.9</i>	<i>5.1</i>
maspin	NM_002640	TMSC Only	Lung, other	4.6	4.6
TSS candidate 3	<i>NM_003311</i>	<i>TMSC Only</i>	<i>Lung, other</i>	<i>10.8</i>	<i>4.3</i>
<i>TSS candidate 3</i>	<i>NM_003311</i>	<i>TMSC Only</i>	<i>Lung, other</i>	<i>7.1</i>	<i>2.4</i>
<i>transcription factor A, mitochondrial</i>	<i>NM_003201</i>	<i>TMSC Only</i>	<i>Lung, other</i>	<i>3.4</i>	<i>2.1</i>
<i>lymphocyte antigen 6 complex, locus D</i>	<i>NM_003695</i>	<i>TMSC Only</i>	<i>Lung, SCC</i>	<i>50.7</i>	<i>14.5</i>
maspin	NM_002639	TMSC Only	Lung, SCC	68.1	5.5
maspin	NM_002639	TMSC Only	Lung, SCC	29.3	3.4
<i>GPI-anchored metastasis protein</i>	<i>NM_014400</i>	<i>TMSC Only</i>	<i>Lung, SCC</i>	<i>5.0</i>	<i>2.5</i>

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<i>melanoma antigen, family A, 5</i>	<i>NM_021049</i>	<i>TMSC Only</i>	<i>Lung, SCC</i>	<i>4.8</i>	<i>2.2</i>
kallikrein 6 (neurosin, zyme)	NM_002774	TMSC Only	Ovary	15.2	2.1
<i>mesothelin</i>	<i>NM_005823</i>	<i>TMSC Only</i>	<i>Ovary</i>	<i>23.0</i>	<i>2.1</i>
pancreatic thread protein-like (rat)	NM_006508	TMSC Only	Pancreas	3.3	13.3
<i>prostate-specific membrane antigen</i>	<i>NM_004476</i>	<i>TMSC Only</i>	<i>Prostate</i>	<i>3.9</i>	<i>4.9</i>
<i>prostate-specific membrane antigen</i>	<i>Hs.283946</i>	<i>TMSC Only</i>	<i>Prostate</i>	<i>4.2</i>	<i>4.2</i>
<i>prostate-specific membrane antigen</i>	<i>NM_004476</i>	<i>TMSC Only</i>	<i>Prostate</i>	<i>3.9</i>	<i>3.6</i>
<i>single-minded homolog 2 (Drosophila)</i>	<i>NM_005069</i>	<i>TMSC Only</i>	<i>Prostate</i>	<i>10.6</i>	<i>2.7</i>

T/CN, ratio of expression of tumor tissue and corresponding normal tissue. T/OtherN, ratio of expression of tumor tissue and “other” normal tissues. Evidence, whether the genes were identified by GO annotations and sequence analysis (GO and TMSC); GO annotations alone (GO Only) or sequence analysis alone (TMSC Only). Breast, ER+, estrogen receptor positive breast carcinoma; Breast, ER-, estrogen receptor negative breast carcinoma; Breast, ER+/-, breast carcinoma with undetermined estrogen receptor status; Lung, AdCa, lung adenocarcinoma; Lung, SCC, lung squamous cell carcinoma; Lung, other, lung carcinomas with histologies other than squamous or adenocarcinoma. Genes represented by multiple probe-sets are indicated in red. Genes highlighted by italics and shaded in blue or red are not secreted.