Table 1. Genes encoding candidate secreted proteins overexpressed in carcinomas

cartilage linking protein 1 NM_001884 GO and TMSC Breast, ER- 7.0 2.9 GDNF family receptor alpha 1 MM_005264 GO and TMSC Breast, ER+ 9.3 9.0 Lipophilin B NM_006551 GO and TMSC Breast, ER+/- 47.5 89.7 small inducible cytokine subfamily B11 NM_001565 GO and TMSC Breast, ER+/- 10.3 6.9 small inducible cytokine subfamily B11 NM_001854 GO and TMSC Breast, ER+/- 57.3 2.7 collagen, type XI, alpha 1 NM_001854 GO and TMSC Breast, ER+/- 57.3 2.7 tumor necrosis factor (ligand) superfamily 9 MM_003811 GO and TMSC Kidney 15.3 13.3 insulin-like growth factor 2 (somatomedin A) NM_0001147 GO and TMSC Kidney 50.9 8.3 Insulin-like growth factor binding protein 3 NM_0001124 GO and TMSC Kidney 6.5 2.7 insulin-like growth factor binding protein 5 NM_000599 GO and TMSC Kidney 3.5 2.5 lysyl oxidase NM_000114	Gene Name	Refseq	Evidence	Carcinoma	T/CN	T/ON
Lipophilin B	cartilage linking protein 1	NM_001884	GO and TMSC	Breast, ER-	7.0	2.9
small inducible cytokine subfamily B10 NM_001565 GO and TMSC Breast, ER+/- 10.3 6.9 small inducible cytokine subfamily B11 NM_001854 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 timor necrosis factor (ligand) superfamily 9 MM_00147 GO and TMSC Kidney 15.3 13.3 insulin-like growth factor 2 (somatomedin A) NM_000612 GO and TMSC Kidney 50.9 8.3 TNF, alpha-induced protein 6 NM_0001124 GO and TMSC Kidney 3.4 3.4 adrenomedullin NM_001124 GO and TMSC Kidney 3.5 2.5 insulin-like growth factor binding protein 3 NM_000599 GO and TMSC Kidney 4.1 2.5 angiopoietin 2 NM_001147 GO and TMSC Kidney 3.5 2.5 lysyl oxidase NM_002317 GO and TMSC Kidney 3.6 2.5 lysyl oxidase NM_0024750 GO and TMSC Lung, adca	GDNF family receptor alpha 1	NM_005264	GO and TMSC	Breast, ER+	9.3	9.0
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 tumor necrosis factor (ligand) superfamily 9 NM_003811 GO and TMSC Kidney 15.3 13.3 insulin-like growth factor 2 (somatomedin A) NM_001147 GO and TMSC Kidney 50.9 8.3 TNF, alpha-induced protein 6 NM_0007115 GO and TMSC Kidney 10.3 4.5 adrenomedullin NM_001147 GO and TMSC Kidney 3.4 3.4 insulin-like growth factor binding protein 3 NM_000599 GO and TMSC Kidney 4.1 2.5 angiopoietin 2 NM_0001147 GO and TMSC Kidney 4.1 2.5 lysyl oxidase NM_0001147 GO and TMSC Kidney 3.0 2.4 neurotensin NM_000183 GO and TMSC Liver 96.3 9.0 cytokine receptor-like factor 1 NM_004750 GO and TMSC Lung, other 1	Lipophilin B	NM_006551	GO and TMSC	Breast, ER+/-	47.5	89.7
collagen, type XI, alpha 1 NM_001854 GO and TMSC Breast, ER+/- 57.3 2.7 tumor necrosis factor (ligand) superfamily 9 NM_003811 GO and TMSC Gastric 3.6 3.6 angiopoietin 2 NM_001147 GO and TMSC Kidney 15.3 13.3 TNF, alpha-induced protein 6 NM_000612 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 amgiopoietin 2 NM_001147 GO and TMSC Kidney 3.5 2.5 lysyl oxidase NM_001147 GO and TMSC Kidney 3.0 2.4 lysyl oxidase NM_001477 GO and TMSC Kidney 3.0 2.4 lysyl oxidase NM_001491 GO and TMSC Liver 6.6 2.5 5 <td>small inducible cytokine subfamily B10</td> <td>NM_001565</td> <td>GO and TMSC</td> <td>Breast, ER+/-</td> <td>10.3</td> <td>6.9</td>	small inducible cytokine subfamily B10	NM_001565	GO and TMSC	Breast, ER+/-	10.3	6.9
tumor necrosis factor (ligand) superfamily 9 NM_003811 GO and TMSC Gastric 3.6 3.6 angiopoietin 2 NM_001147 GO and TMSC Kidney 15.3 13.3 insulin-like growth factor 2 (somatomedin A) NM_000612 GO and TMSC Kidney 50.9 8.3 TNF, alpha-induced protein 6 NM_007115 GO and TMSC Kidney 3.4 3.4 adrenomedullin NM_000124 GO and TMSC Kidney 3.4 3.4 insulin-like growth factor binding protein 5 NM_000599 GO and TMSC Kidney 4.1 2.5 angiopoietin 2 NM_001147 GO and TMSC Kidney 3.5 2.5 lysyl oxidase NM_002317 GO and TMSC Kidney 3.0 2.4 neurotensin NM_002317 GO and TMSC Kidney 3.0 2.4 cytokine receptor-like factor 1 NM_004750 GO and TMSC Lurg, AdCa 16.2 8.5 gastrin-releasing peptide NM_002490 GO and TMSC Lung, other 15.5 10.4 <td>small inducible cytokine subfamily B11</td> <td>NM_005409</td> <td>GO and TMSC</td> <td>Breast, ER+/-</td> <td>8.1</td> <td>3.7</td>	small inducible cytokine subfamily B11	NM_005409	GO and TMSC	Breast, ER+/-	8.1	3.7
angiopoietin 2 NM_001147 GO and TMSC Kidney 15.3 13.3 insulin-like growth factor 2 (somatomedin A) 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 4.1 2.5 angiopoietin 2 NM_001147 GO and TMSC Kidney 3.5 2.5 lysyl oxidase NM_002317 GO and TMSC Kidney 3.0 2.4 neurotensin NM_002317 GO and TMSC Liver 96.3 9.0 cytokine receptor-like factor 1 NM_004750 GO and TMSC Liver 96.3 9.0 cytokine receptor-like factor 1 NM_0049750 GO and TMSC Lung, other 16.5 10.4 arginie vasopressin NM_002091 GO and TMSC Lung, other 16.5 10.4	collagen, type XI, alpha 1	NM_001854	GO and TMSC	Breast, ER+/-	57.3	2.7
insulin-like growth factor 2 (somatomedin A) 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 4.1 2.5 angiopoietin 2 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 cytokine receptor-like factor 1 NM_004750 GO and TMSC Lung, other 16.5 10.4 arginine vasopressin NM_000490 GO and TMSC Lung, other 15.5 10.4 small inducible cytokine subfamily A20 NM_002452 GO and TMSC Lung, other 5.6 3.0 matrix metalloproteinase 10 NM_002425 GO and TMSC Lung, SCC 15.1 18.0<	tumor necrosis factor (ligand) superfamily 9	NM_003811	GO and TMSC	Gastric	3.6	3.6
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 angiopoietin 2 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 cytokine receptor-like factor 1 NM_004750 GO and TMSC Lung, AdCa 16.2 8.5 gastrin-releasing peptide NM_004750 GO and TMSC Lung, other 16.5 10.4 arginine vasopressin NM_002991 GO and TMSC Lung, other 15.1 4.2 small inducible cytokine subfamily A20 NM_004591 GO and TMSC Lung, scc 15.1 18.0	angiopoietin 2	NM_001147	GO and TMSC	Kidney	15.3	13.3
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 angiopoietin 2 NM_001147 GO and TMSC Kidney 3.0 2.4 neurotensin NM_002317 GO and TMSC Kidney 3.0 2.4 neurotensin NM_006183 GO and TMSC Liver 96.3 9.0 cytokine receptor-like factor 1 NM_004750 GO and TMSC Lung, adCa 16.2 8.5 gastrin-releasing peptide NM_004750 GO and TMSC Lung, other 16.5 10.4 arginine vasopressin NM_002991 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, SCC 15.1 18.0	insulin-like growth factor 2 (somatomedin A)	NM_000612	GO and TMSC	Kidney	50.9	8.3
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 angiopoietin 2 NM_001147 GO and TMSC Kidney 3.5 2.5 lysyl oxidase NM_002317 GO and TMSC Kidney 3.0 2.4 neurotensin NM_00183 GO and TMSC Liver 96.3 9.0 cytokine receptor-like factor 1 NM_004750 GO and TMSC Lung, adCa 16.2 8.5 gastrin-releasing peptide NM_002091 GO and TMSC Lung, other 16.5 10.4 arginine vasopressin NM_002091 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 7.4	TNF, alpha-induced protein 6	NM_007115	GO and TMSC	Kidney	10.3	4.5
insulin-like growth factor binding protein 5 NM_000599 GO and TMSC Kidney 4.1 2.5 angiopoietin 2 NM_001147 GO and TMSC Kidney 3.5 2.5 lysyl oxidase NM_002317 GO and TMSC Lidney 3.0 2.4 neurotensin NM_006183 GO and TMSC Liver 96.3 9.0 cytokine receptor-like factor 1 NM_004750 GO and TMSC Lung, AdCa 16.5 10.4 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 4.5 5.3 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 1 NM_002427 GO and TMSC Lung, SCC 24.0 5.9 <td>adrenomedullin</td> <td>NM_001124</td> <td>GO and TMSC</td> <td>Kidney</td> <td>3.4</td> <td>3.4</td>	adrenomedullin	NM_001124	GO and TMSC	Kidney	3.4	3.4
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 cytokine receptor-like factor 1 NM_004750 GO and TMSC Lung, AdCa 16.2 8.5 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 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 Cung, SCC 32.2 2.1 neuromedin U NM_006681 GO and TMSC Ovary 12.1 5.3 insulin-like growth factor 2 (somatomedin A) NM_000612 GO and TMSC Ovary 28.5 3.2 kallikrein 10 NM_006911 GO and TMSC Ovary 5.1 2.4 relaxin 1 (H1) NM_006911 GO and TMSC Prostate 4.6 7.8 neuropeptide Y NM_004864 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_001562 GO only Gastric 3.8 2.6 Indian hedgehog homolog (Drosophila) none GO only Gastric 4.7 2.4	insulin-like growth factor binding protein 3	NM_000598	GO and TMSC	Kidney	6.5	2.7
NM_002317 GO and TMSC Liver 96.3 9.0	insulin-like growth factor binding protein 5	NM_000599	GO and TMSC	Kidney	4.1	2.5
neurotensin NM_006183 GO and TMSC Liver 96.3 9.0 cytokine receptor-like factor 1 NM_004750 GO and TMSC Lung, AdCa 16.2 8.5 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_0024591 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 24.5 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<	angiopoietin 2	NM_001147	GO and TMSC	Kidney	3.5	2.5
cytokine receptor-like factor 1 NM_004750 GO and TMSC Lung, AdCa 16.2 8.5 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_005426 GO and TMSC Lung, SCC 32.2 2.1 neuromedin U NM_006681 GO and TMSC Ovary <	lysyl oxidase	NM_002317	GO and TMSC	Kidney	3.0	2.4
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 insulin-like growth factor 2 (somatomedin A) NM_000612 GO and TMSC Ovary	neurotensin	NM_006183	GO and TMSC	Liver	96.3	9.0
arginine vasopressin	cytokine receptor-like factor I	NM_004750	GO and TMSC	Lung, AdCa	16.2	8.5
pentaxin-related gene	gastrin-releasing peptide	NM_002091	GO and TMSC	Lung, other	16.5	10.4
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 insulin-like growth factor 2 (somatomedin A) 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_004864 GO and TMSC Prostate 6.7 3.5 <td>arginine vasopressin</td> <td>NM_000490</td> <td>GO and TMSC</td> <td>Lung, other</td> <td>4.5</td> <td>5.3</td>	arginine vasopressin	NM_000490	GO and TMSC	Lung, other	4.5	5.3
matrix metalloproteinase 10 NM_002425 GO and TMSC Lung, SCC 7.4 7.4 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 insulin-like growth factor 2 (somatomedin A) 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 4.6 7.8 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	pentaxin-related gene	NM_002852	GO and TMSC	Lung, other	15.1	4.2
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 insulin-like growth factor 2 (somatomedin A) 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	small inducible cytokine subfamily A20	NM_004591	GO and TMSC	Lung, other	5.6	3.0
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 insulin-like growth factor 2 (somatomedin A) 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 4.7 2.4 Indian hedgehog homolog (Drosop	matrix metalloproteinase 10	NM_002425	GO and TMSC	Lung, SCC	15.1	18.0
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_00681 GO and TMSC Ovary 12.1 5.3 insulin-like growth factor 2 (somatomedin A) 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	matrix metalloproteinase 13	NM_002427	GO and TMSC	Lung, SCC	7.4	7.4
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 insulin-like growth factor 2 (somatomedin A) 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	matrix metalloproteinase 1	NM_002421	GO and TMSC	Lung, SCC	24.0	5.9
neuromedin U NM_006681 GO and TMSC Ovary 12.1 5.3 insulin-like growth factor 2 (somatomedin A) 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	heparin-binding growth factor binding	NM_005130	GO and TMSC	Lung, SCC	24.5	2.7
insulin-like growth factor 2 (somatomedin A) 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	matrix metalloproteinase 12	NM_002426	GO and TMSC	Lung, SCC	32.2	2.1
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	neuromedin U	NM_006681	GO and TMSC	Ovary	12.1	5.3
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	insulin-like growth factor 2 (somatomedin A)	NM_000612	GO and TMSC	Ovary	28.5	3.2
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	kallikrein 10	NM_002776	GO and TMSC	Ovary	5.1	2.4
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	relaxin 1 (H1)	NM_006911	GO and TMSC	Prostate	4.6	7.8
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	neuropeptide Y	NM_000905	GO and TMSC	Prostate	4.7	5.2
interleukin 18 NM_001562 GO only Gastric 3.8 2.6 Indian hedgehog homolog (Drosophila) none GO only Gastric 4.7 2.4	MIC-1	NM_004864	GO and TMSC	Prostate	6.7	3.5
Indian hedgehog homolog (Drosophila) none GO only Gastric 4.7 2.4	mucin 2, intestinal/tracheal	NM_002457	GO only	Colon	8.8	5.3
	interleukin 18	NM_001562	GO only	Gastric	3.8	2.6
adipose differentiation-related protein NM_001122 GO only Kidney 9.6 2.6	Indian hedgehog homolog (Drosophila)	none	GO only	Gastric	4.7	2.4
	adipose differentiation-related protein	NM_001122	GO only	Kidney	9.6	2.6

Gene Name	Refseq	Evidence	Carcinoma	T/CN	T/ON
vascular endothelial growth factor receptor	NM_002019	GO only	Kidney	3.8	2.4
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
neurotensin receptor 1 (high affinity)	NM_002531	GO only	Lung, other	10.3	10.3
plasminogen activator inhibitor type 1	NM_000602	GO only	Lung, other	43.4	5.4
ephrin-B2	NM_004093	GO only	Lung, other	3.5	2.8
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
E2F transcription factor 3	NM_001949	TMSC Only	Breast, ER-	10.8	6.6
FLJ20244	Hs.351792	TMSC Only	Breast, ER-	3.7	3.7
carbohydrate sulfotransferase 2	NM_004267	TMSC Only	Breast, ER-	7.9	2.0
serine hydrolase-like	NM_014509	TMSC Only	Breast	17.5	17.5
FLJ13927	Hs.343963	TMSC Only	Breast	6.6	11.6
mammaglobin A	NM_002411	TMSC Only	Breast	9.0	8.9
cytochrome c oxidase subunit VIc	NM_004374	TMSC Only	Breast	3.5	2.9
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
proline 4-hydroxylase	NM_000918	TMSC Only	Gastric	4.3	4.3
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
cerebroside sulfotransferase	NM_004861	TMSC Only	Kidney	9.9	6.3
vanin 1	NM_004666	TMSC Only	Kidney	4.9	4.9
TNF-r superfamily, member 17	NM_001192	TMSC Only	Liver	4.2	3.1
bone morphogenetic protein 6	NM_001718	TMSC Only	Lung, AdCa	3.1	3.1
Zic family member 3 heterotaxy 1	NM_003413	TMSC Only	Lung, other	6.5	6.5
achaete-scute complex-like 1 (Drosophila)	NM_004316	TMSC Only	Lung, other	55.2	5.7
achaete-scute complex-like 1 (Drosophila)	NM_004316	TMSC Only	Lung, other	28.9	5.1
maspin	NM_002640	TMSC Only	Lung, other	4.6	4.6
TSS candidate 3	NM_003311	TMSC Only	Lung, other	10.8	4.3
TSS candidate 3	NM_003311	TMSC Only	Lung, other	7.1	2.4
transcription factor A, mitochondrial	NM_003201	TMSC Only	Lung, other	3.4	2.1
lymphocyte antigen 6 complex, locus D	NM_003695	TMSC Only	Lung, SCC	50.7	14.5
maspin	NM_002639	TMSC Only	Lung, SCC	68.1	5.5
maspin	NM_002639	TMSC Only	Lung, SCC	29.3	3.4
GPI-anchored metastasis protein	NM_014400	TMSC Only	Lung, SCC	5.0	2.5

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

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 adeocarcinoma; Lung, SCC, lung squamous cell carcinoma; Lung, other, lung carcinomas with histologies other than squamous or adeocarcinoma. Genes represented by multiple probe-sets are indicated in red. Genes highlighted by italics and shaded in blue or red are not secreted.