**Supplementary Table 1. *LPAR6* expression in the Oncomine database**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Cancer** | **Cancer type (normal vs. tumor)** | ***p*** | **Fold-change** | **Rank, %** | **Sample** | **PubMed ID** |
| Bladder cancer | Infiltrating bladder urothelial carcinoma | 2.11E-9 | -2.136 | 2 | 256 | 20059769  20233890 |
| Brain and central nervous system cancer | Ganglioneuroma | 1.44E-12 | 12.420 | 2 | 64 | 18923523 |
|  | Mixed glioma | 1.33E-13 | -2.956 | 1 | 38 | 15827123 |
| Breast cancer | Invasive breast carcinoma | 2.11E-21 | -2.376 | 3 | 593 | TCGA Breast |
|  | Invasive ductal breast carcinoma | 1.00E-31 | -3.316 | 4 | 593 | TCGA Breast |
|  | Invasive lobular breast carcinoma | 1.16E-11 | -2.104 | 5 | 593 | Not Published |
|  | Ductal breast carcinoma | 1.06E-7 | -3.021 | 3 | 47 | 16473279 |
| Cervical cancer | Cervical squamous cell carcinoma | 6.37E-10 | -4.015 | 1 | 66 | 18506748 |
| Esophageal cancer | Esophageal adenocarcinoma | 4.42E-22 | -3.415 | 2 | 118 | 21152079 |
|  | Barrett's esophagus | 3.84E-11 | -3.801 | 4 | 118 | 21152079 |
| Kidney cancer | Clear cell renal cell carcinoma | 2.45E-7 | 2.852 | 3 | 20 | 17699851 |
|  | Hereditary clear cell renal cell carcinoma | 9.28E-9 | 2.194 | 5 | 70 | 19470766 |
| Leukemia | T cell childhood acute lymphoblastic leukemia | 6.41E-15 | 16.279 | 1 | 288 | 21487112 |
|  | B-cell childhood acute lymphoblastic leukemia | 1.99E-63 | 4.774 | 2 | 2096 | 20406941 |
|  | T cell acute lymphoblastic leukemia | 1.65E-31 | 4.050 | 4 | 2096 | 20406941 |
|  | B-cell acute lymphoblastic leukemia | 5.25E-27 | 3.157 | 5 | 2096 | 20406941 |
| Liver cancer | Hepatocellular carcinoma | 1.52E-12 | 2.552 | 1 | 115 | 19098997 |
|  | Cirrhosis | 2.51E-15 | 2.976 | 3 | 115 | 19098997 |
| Lymphoma | Follicular lymphoma | 5.58E-24 | 5.016 | 2 | 136 | 19412164 |
|  | Diffuse large B-cell lymphoma | 9.76E-19 | 3.635 | 3 | 136 | 19412164 |
| Other | Teratoma | 7.22E-8 | 3.869 | 4 | 107 | 16424014 |

*p*-value of 1E-6, fold-change of 2, and gene ranking of top 5%.