Correlation matrix (xCell vs MCPcounter)
Overall Pearson Correlation: 0.45

	B cell	Cancer associated fibroblast	Endothelial cell	Monocyte	Myeloid dendritic cell	Neutrophil	NK cell	T cell CD8+
Benign tumor (34)	0.93	0.78	0.85	0.85		0.25	0.40	
Choroid plexus tumor (11)	−0.06		0.72	0.34	0.11	0.71	−0.12	0.98
Diffuse astrocytic and oligodendroglial tumor (2)	1	−1	−1	0	−1	1	−1	0
Diffuse astrocytic and oligodendroglial tumor−DMG, H3 K28 (65)	0.27	0.79	0.91	0.35	−0.05	0.42	−0.05	0.21
Diffuse astrocytic and oligodendroglial tumor−DMG, H3 K28, BRAF V600E (2)	−1	1	1	−1	1	1	1	1
Diffuse astrocytic and oligodendroglial tumor−HGG, BRAF V600E (6)	0.3	0.41	0.8	0.84	−0.21			
Diffuse astrocytic and oligodendroglial tumor−HGG, H3 G35 (5)	−0.46	0.8	0.91	0.87	0.05	0.3	0.04	
Diffuse astrocytic and oligodendroglial tumor−HGG, H3 wildtype (57)	0.36	0.82	0.87		0.05	0.41	−0.1	0.2
Diffuse astrocytic and oligodendroglial tumor−HGG, IDH (2)	−1	−1	1	−1	1	−1	−1	−1
Diffuse astrocytic and oligodendroglial tumor−HGG, To be classified (52)	0.15	0.46	0.79	0.25	0.16		0.11	−0.04
Embryonal tumor (37)	0.47	0.45	0.71		0.73	0.44	0.05	0.93
Embryonal tumor−CNS Embryonal, NOS (15)	0.17	0.75			−0.15	0.98	0.08	−0.19
Embryonal tumor−CNS HGNET−MN1 (1)	0	0	0	0	0	0	0	0
Embryonal tumor−CNS NB−FOXR2 (3)	−0.4	−0.86	0.37	−0.36	−0.87	0.76		−0.26
Embryonal tumor−ETMR, C19MC−altered (5)	−0.25	1	0.9	−0.21	1	0.78	−0.1	0.99
Embryonal tumor−ETMR, NOS (1)	0	0	0	0	0	0	0	0
Embryonal tumor−MB, Group3 (14)	0.42	−0.21	0.87	0.12	−0.05	0.16	0.17	−0.36
Embryonal tumor−MB, Group4 (49)	−0.19		0.77	0.24	0.08	0.27	0.22	0.3
Embryonal tumor−MB, SHH (31)	−0.04		0.71	0.13	0.76	0.15	0.41	
Embryonal tumor−MB, To be classified (19)	−0.08	0.93	0.72	0.16	0.89	0.26	−0.14	−0.12
Embryonal tumor−MB, WNT (9)	0.95	0.38	0.72	−0.09	0.79	−0.21	0.25	0.1
Ependymal tumor−EPN, H3 K28 (1)	0	0	0	0	0	0	0	0
Ependymal tumor−EPN, To be classified (57)	0.01	0.7	0.84	0.32	0.71	0.95	0.07	
Ependymal tumor−PT_EPN_A (2)	−1	1	1	−1	1	1	−1	1
Ependymal tumor−ST_EPN_RELA (29)		0.82	0.78	0.32	0.43	0.21	−0.23	−0.13
Ependymal tumor−ST_EPN_YAP1 (4)	0.33	1	0.93	−0.24	1	0.79	−0.4	−0.36
Germ cell tumor (13)	0.41	0.85	0.83	0.71	0.82		0.15	1
Histiocytic tumor (6)	0.2	0.92	0.96	−0.27	0.85	0.95	0.76	0.16
Low−grade astrocytic tumor−LGG, BRAF fusion (130)	0.26	0.45	0.93	0.24		0.93	−0.02	0.94
Low−grade astrocytic tumor−LGG, BRAF V600E (37)			0.83	0.8	0.78	0.39	−0.22	0.83
Low−grade astrocytic tumor−LGG, BRAF wildtype (124)			0.8			0.76	−0.19	0.27
Low−grade astrocytic tumor−LGG, To be classified (12)	−0.14	0.91	0.92			−0.33	−0.41	0.43
Lymphoma (1)	0	0	0	0	0	0	0	0
Melanocytic tumor (1)	0	0	0	0	0	0	0	0
Meningioma (29)	0.07	0.49	0.71		−0.06	0.77	0.18	0.66
Mesenchymal non−meningothelial tumor (14)	0.76	0.9	0.84	0.42	0.9	0.98		0.95
Mesenchymal non−meningothelial tumor−EWS (11)	−0.15	0.23	0.81	−0.32		0.11	0.72	0.83
Metastatic tumors (5)	−0.3	0.69	0.85	0.22	0.97		−0.46	−0.43
Neuronal and mixed neuronal−glial tumor (31)	−0.07	0.12	0.9	0.36	−0.36	0.89	−0.09	−0.03
Neuronal and mixed neuronal−glial tumor−CNC (2)	0	1	1	1	−1	−1	−1	−1
Neuronal and mixed neuronal−glial tumor−EVN (1)	0	0	0	0	0	0	0	0
Non−CNS tumor (1)	0	0	0	0	0	0	0	0
Non−tumor (3)	−0.33	0.98	1	−0.67	1	0.99	−0.11	
Other astrocytic tumor (3)	0.06	0.12	0.89			0.66	0	0.82
Other tumor (1)	0	0	0	0	0	0	0	0
Pre−cancerous lesion (14)		0.99	0.87	0.84	−0.09	0.25	−0.16	−0.12
Tumor of cranial and paraspinal nerves (44)	0.27	0.68	0.92	0.33	0.8	0.82	−0.04	
Tumor of pineal region (5)	0.84	0	−0.3		−0.43	−0.17	0.75	−0.21
Tumors of sellar region−CRANIO, ADAM (20)	−0.06	0.7	0.88	−0.05		0.98	0.01	−0.23
Tumors of sellar region−CRANIO, To be classified (15)	0.05		0.94			0.96	0.1	0.44