

	Experimental conditions	GeneChip models	Datasets
Metastasis group 1	Primary tumor VS. metastasis	HG-U133A	E-GEOD-1323, E-GEOD-2280, GSE2280, GSE2603, GSE7929, GSE7956, GSE8401
Metastasis group 2	Primary tumor VS. metastasis, normal tissue VS. Metastasis	HG-U133A	E-GEOD-1323, E-GEOD-2280, GSE2280, GSE2603, GSE4840 (HG-U133A), GSE7929, GSE7956, GSE8401
Metastasis group 3	Primary tumor VS. metastasis, poorly metastatic tissue VS. highly metastatic tissue	HG-U133A	E-GEOD-1323, E-GEOD-2280, GSE2280, GSE2603, GSE7929, GSE7930, GSE7956, GSE8401
Metastasis group 4	Primary tumor VS. metastasis, normal tissue VS. metastasis, poorly metastatic tissue VS. highly metastatic tissue	HG-U133A	E-GEOD-1323, E-GEOD-2280, GSE2280, GSE2603, GSE4840 (HG-U133A), GSE7929, GSE7930, GSE7956, GSE8401
Metastasis group 5	Primary tumor VS. metastasis	HG-U95Av2	E-MEXP-44 (HG-U95Av2), GSE6919 (HG-U95Av2)
Metastasis group 6	Primary tumor VS. metastasis	HG-U133A, HG-U95Av2	E-GEOD-1323, E-GEOD-2280, E-MEXP-44 (HG-U95Av2), GSE2280, GSE2603, GSE6919 (HG-U95Av2), GSE7929, GSE7956, GSE8401
Metastasis group 7	Primary tumor VS. metastasis, normal tissue VS. Metastasis	HG-U133A, HG-U95Av2	E-GEOD-1323, E-GEOD-2280, E-MEXP-44 (HG-U95Av2), GSE2280, GSE2603, GSE4840 (HG-U133A), GSE6919 (HG-U95Av2), GSE7929, GSE7956, GSE8401
Metastasis group 8	Primary tumor VS. metastasis, poorly metastatic tissue VS. highly metastatic tissue	HG-U133A, HG-U95Av2	E-GEOD-1323, E-GEOD-2280, E-MEXP-44 (HG-U95Av2), GSE2280, GSE2603, GSE6919 (HG-U95Av2), GSE7929, GSE7930, GSE7956, GSE8401
Metastasis group 9	Primary tumor VS. metastasis, normal tissue VS. metastasis, poorly metastatic tissue VS. highly metastatic tissue	HG-U133A, HG-U95Av2	E-GEOD-1323, E-GEOD-2280, E-MEXP-44 (HG-U95Av2), GSE2280, GSE2603, GSE4840 (HG-U133A), GSE6919 (HG-U95Av2), GSE7929, GSE7930, GSE7956, GSE8401
Metastasis group 10	Primary tumor VS. metastasis	HG-U133A, HG-U133Plus2.0	E-GEOD-1323, E-GEOD-2280, GSE2280, GSE2603, GSE3325, GSE7929, GSE7956, GSE8401
Metastasis group 11	Primary tumor VS. metastasis, normal tissue VS. Metastasis	HG-U133A, HG-U133Plus2.0	E-GEOD-1323, E-GEOD-2280, GSE2280, GSE2603, GSE3325, GSE4840 (HG-U133A), GSE7929, GSE7956, GSE8401
Metastasis group 12	Primary tumor VS. metastasis, poorly metastatic tissue VS. highly metastatic tissue	HG-U133A, HG-U133Plus2.0	E-GEOD-1323, E-GEOD-2280, GSE2280, GSE2603, GSE3325, GSE7929, GSE7930, GSE7956, GSE8401
Metastasis group 13	Primary tumor VS. metastasis, normal tissue VS. metastasis, poorly metastatic tissue VS. highly metastatic tissue	HG-U133A, HG-U133Plus2.0	E-GEOD-1323, E-GEOD-2280, GSE2280, GSE2603, GSE3325, GSE4840 (HG-U133A), GSE7929, GSE7930, GSE7956, GSE8401
Metastasis group 14	Primary tumor VS. metastasis	HG-U133Plus2.0, HG-U95Av2	E-MEXP-44 (HG-U95Av2), GSE3325, GSE6919 (HG-U95Av2)
Metastasis group 15	Primary tumor VS. metastasis	HG-U133A, HG-U133Plus2.0, HG-U95Av2	E-GEOD-1323, E-GEOD-2280, E-MEXP-44 (HG-U95Av2), GSE2280, GSE2603, GSE3325, GSE6919 (HG-U95Av2), GSE7929, GSE7956, GSE8401
Metastasis group 16	Primary tumor VS. metastasis, normal tissue VS. Metastasis	HG-U133A, HG-U133Plus2.0, HG-U95Av2	E-GEOD-1323, E-GEOD-2280, E-MEXP-44 (HG-U95Av2), GSE2280, GSE2603, GSE3325, GSE4840 (HG-U133A), GSE6919 (HG-U95Av2), GSE7929, GSE7956, GSE8401
Metastasis group 17	Primary tumor VS. metastasis, poorly metastatic tissue VS. highly metastatic tissue	HG-U133A, HG-U133Plus2.0, HG-U95Av2	E-GEOD-1323, E-GEOD-2280, E-MEXP-44 (HG-U95Av2), GSE2280, GSE2603, GSE3325, GSE6919 (HG-U95Av2), GSE7929, GSE7930, GSE7956, GSE8401
Metastasis group 18	Primary tumor VS. metastasis, normal tissue VS. metastasis, poorly metastatic tissue VS. highly metastatic tissue	HG-U133A, HG-U133Plus2.0, HG-U95Av2	E-GEOD-1323, E-GEOD-2280, E-MEXP-44 (HG-U95Av2), GSE2280, GSE2603, GSE3325, GSE4840 (HG-U133A), GSE6919 (HG-U95Av2), GSE7929, GSE7930, GSE7956, GSE8401

Metastasis group 19	Primary tumor VS. metastasis, normal tissue VS. Metastasis	HG-U133B, HG-U95B	GSE4840 (HG-U133B), GSE6919 (HG-U95B)
Metastasis group 20	Primary tumor VS. metastasis	HG-U133A, HG-U133Plus2.0, HG-U95Av2, HG-U95B, HG-U95C, HU-geneFL, HC-G110	E-GEOD-1323, E-GEOD-2280, E-MEXP-44, GSE2280, GSE2603, GSE3325, GSE468, GSE6919, GSE7929, GSE7956, GSE8401
Metastasis group 21	Primary tumor VS. metastasis, normal tissue VS. Metastasis	All GeneChip models	E-GEOD-1323, E-GEOD-2280, E-MEXP-44, GSE2280, GSE2603, GSE3325, GSE468, GSE4840, GSE6919, GSE7929, GSE7956, GSE8401
Metastasis group 22	Primary tumor VS. metastasis, poorly metastatic tissue VS. highly metastatic tissue	HG-U133A, HG-U133Plus2.0, HG-U95Av2, HG-U95B, HG-U95C, HU-geneFL, HC-G110	E-GEOD-1323, E-GEOD-2280, E-MEXP-44, GSE2280, GSE2603, GSE3325, GSE468, GSE6919, GSE7929, GSE7930, GSE7956, GSE8401
Metastasis group 23	Primary tumor VS. metastasis, normal tissue VS. metastasis, poorly metastatic tissue VS. highly metastatic tissue	All GeneChip models	E-GEOD-1323, E-GEOD-2280, E-MEXP-44, GSE2280, GSE2603, GSE3325, GSE468, GSE4840, GSE6919, GSE7929, GSE7930, GSE7956, GSE8401
Metastasis group 24	Squamous cell carcinoma of the oral cavity VS. corresponding lymph node metastases	HG-U133A	E-GEOD-2280, GSE2280
Metastasis group 25	Head and neck squamous cell carcinoma VS. corresponding lymph node metastases	HG-U95Av2, HU-geneFL	E-MEXP-44
Metastasis group 26	Primary prostate cancer VS. metastases	HG-U133Plus2.0, HG-U95B, HG-U95C	GSE3325, GSE6919 (HG-U95B, HG-U95C)
Metastasis group 27	Primary prostate cancer VS. metastases, poorly metastatic prostate tumors VS. highly metastatic prostate tumors	HG-U133A, HG-U133Plus2.0, HG-U95B, HG-U95C	GSE3325, GSE6919 (HG-U95B, HG-U95C), GSE7930
Metastasis group 28	Primary melanoma VS. melanoma metastasis, poorly metastatic melanoma VS. highly metastatic melanoma	HG-U133A	GSE7929, GSE7956, GSE8401
Metastasis group 29	Normal melanocyte culture VS. culture of cutaneous metastasis of melanoma	HG-U133A, HG-U133B	GSE4840
Metastasis group 30	Primary melanoma VS. melanoma metastasis, poorly metastatic melanoma VS. highly metastatic melanoma, normal melanocyte culture VS. culture of cutaneous metastasis of melanoma	HG-U133A, HG-U133B	GSE4840, GSE7929, GSE7956, GSE8401
Hypoxia group 1	Hypoxia VS. normoxia	HG-U95Av2, HG-U133Plus2.0	GSE1056, GSE4086