

Table A1 Affymetrix probes to gene names mapping. The first column represents the target metastasis site, the second column is the identifier of the Affymetrix probe, and the third column is the name of the gene.

Metastasis site	Affymetrix_ID	Gene Name
brain	1555338_s_at	aquaporin 10 (AQP10)
brain	1563725_at	zinc finger protein 583 (ZNF583)
brain	1563882_a_at	Rap guanine nucleotide exchange factor 5 (RAPGEF5)
brain	1569739_at	uncharacterized LOC221946 (LOC221946)
brain	200785_s_at	LDL receptor-related protein 1 (LRP1)
brain	202513_s_at	protein phosphatase 2 regulatory subunit B'delta (PPP2R5D)
brain	205422_s_at	integrin subunit beta-like 1 (ITGBL1)
brain	208508_s_at	olfactory receptor family 2 subfamily J member 2 (OR2J2)
brain	214633_at	SRY-box 3 (SOX3)
brain	216213_at	NIMA-related kinase 1 (NEK1)
brain	217246_s_at	diaphanous-related formin 2 (DIAPH2)
brain	217574_at	cadherin 8 (CDH8)
brain	218620_s_at	HemK methyltransferase family member 1 (HEMK1)
brain	219316_s_at	feline leukemia virus subgroup C cellular receptor family member 2 (FLVCR2)
brain	221331_x_at	cytotoxic T-lymphocyte-associated protein 4 (CTLA4)
brain	221559_s_at	MIS12, kinetochore complex component (MIS12)
brain	221619_s_at	mitochondrial carrier 1 (MTCH1)
brain	222834_s_at	G protein subunit gamma 12 (GNG12)
brain	224396_s_at	asporin (ASPN)
brain	224836_at	tumor protein p53 inducible nuclear protein 2 (TP53INP2)
brain	229218_at	collagen type I alpha 2 chain (COL1A2)
brain	236302_at	protein phosphatase, Mg2+/Mn2+ dependent 1E (PPM1E)
bone	204751_x_at	desmocollin 2 (DSC2)
bone	206766_at	integrin subunit alpha 10 (ITGA10)
bone	1567591_at	methyltransferase like 15 (METTL15)
bone	48030_i_at	fatty acid hydroxylase domain containing 2 (FAXDC2)
bone	1553994_at	5'-nucleotidase ecto (NT5E)
bone	1552439_s_at	multiple EGF like domains 11 (MEGF11)
bone	1558688_at	STX17 divergent transcript (STX17-DT)
bone	225051_at	erythrocyte membrane protein band 4.1 (EPB41)
bone	237502_at	cardiolipin synthase 1 (CRLS1)
bone	1557749_at	EH domain binding protein 1 like 1 (EHBP1L1)
bone	213707_s_at	distal-less homeobox 5 (DLX5)
bone	31637_s_at	thyroid hormone receptor alpha (THRA)
bone	1053_at	replication factor C subunit 2 (RFC2)
breast	240944_at	long intergenic non-protein coding RNA 2387 (LINC02387)
breast	212734_x_at	ribosomal protein L13 (RPL13)
breast	201094_at	ribosomal protein S29 (RPS29)
lung	205982_x_at	surfactant protein C (SFTPC)
lung	214387_x_at	surfactant protein C (SFTPC)
lung	1565823_at	septin 7 (SEPTIN7)
no	1552768_at	calcium/calmodulin-dependent protein kinase kinase 1 (CAMKK1)
other	211503_s_at	RAB14, member RAS oncogene family (RAB14)
other	219852_s_at	MORN repeat containing 1 (MORN1)
other	210830_s_at	paraoxonase 2 (PON2)
other	225674_at	B cell receptor associated protein 29 (BCAP29)
other	213965_s_at	chromodomain helicase DNA binding protein 5 (CHD5)
other	208758_at	5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase
other	200764_s_at	catenin alpha 1 (CTNNA1)
other	205982_x_at	surfactant protein C (SFTPC)
other	221721_s_at	leucine zipper tumor suppressor 1 (LZTS1)
other	202249_s_at	DDB1 and CUL4 associated factor 8 (DCAF8)
other	243340_at	uncharacterized LOC105375769 (LOC105375769)