Supplemental Table 1 : Description of the GIST and breast cancer data sets used for mRNA expression analysis

Reference	Type	Source of data	N° of samples in the original publication	N° of arrays used for analysis*	Technological platform	N° of probe sets
Ostrowski et al., *BMC Cancer* 2009	GIST, learning set	GEO Db : GSE17743	29	29	Affymetrix U133 Plus 2.0	54K
Yamaguchi et al., *J Clin Oncol.* 2008	GIST, validation set	GEO Db : GSE8167	32	32	Affymetrix U133 Plus 2.0	54K
Astolfi et al., *Lab Invest.* 2010	GIST, validation set	GEO Db : GSE20710	22	21	Affymetrix U133 Plus 2.0	54K
Kang et al., *Oncogene* 2005	GIST, validation set	http://www.molpathol.org/data/GIST-arraydata.txt	22	22	Home made (x2 color)	19K
Lagarde et al., *Clin Cancer Res.* 2011	GIST, validation set	ArrayExpress Db : E-MTAB-373	60	60	Agilent	44K
Rink et al., *Mol Cancer Ther.* 2009	GIST, validation set	GEO Db : GSE15966	54	20	Agilent	44K
Yang et al., *Technol Cancer Res Treat.* 2010	GIST, validation set	http://www3.mdanderson.org/~genomics/sarcoma _data_matrix_for_supplemental.zip	68	31	Agilent	44K
Arne et al., *Int J Cancer* 2011	GIST, validation set	GEO Db : GSE14755	21	12	Swegen	55K
Lee et al., *PLoS One* 2013	GIST, validation set	GEO Db : GSE47911	16	15	Agilent	44K
World IBC Consortium, *Clin Cancer Res.* 2013	Breast cancer, test set	GEO Db : GSE22597, ArrayExpress Db : E-MTAB-1547 and E-MTAB-1006	389	389	Affymetrix U133 Plus 2.0 / A	54K/22K

*, samples with available mutational status and *PVRL4* expression