

**Table S9.** The basal *BRCA1* signature. 76 out of 110 genes were contained on the Rosetta chip used in the NKI study and 69 genes were present in the Jönsson dataset (indicated by ×)

	NKI	Jönsson		NKI	Jönsson
AZGP1P1		x	OR2T2		
AZGP1	x		C6orf126		
NKX3-1	x		C11orf41	x	
FRMD4A	x	x	STK31		x
SYNM	x		IGSF5		
LOC100507507	x		FLJ22763		
PET112	x		NKD2		x
ZKSCAN4	x	x	CHRM1	x	x
CHD7	x		DHRS7B	x	x
NLK	x	x	DNMT3B	x	x
TUSC5		x	ALS2CL		x
PRKCA	x	x	FADS3	x	
TNFSF11	x	x	EIF2B5	x	x
KIAA0100	x	x	SWT1	x	
TMEM199	x	x	LARP6	x	x
EIF1AY	x	x	TDRD5		x
SIX2	x	x	ATP6AP2	x	x
ADAMTS20		x	C2Oorf94		x
EIF1AX			MAGEA8	x	x
NTRK2	x	x	METTL7A	x	x
JARID2	x	x	EPX	x	x
SFRP1	x	x	AQP7	x	x
LOC389023	x		NCRNA00162		
PCK1	x		SERPINA3	x	x
MAOB	x		SLC25A18	x	x
ERAL1	x	x	XLOC_014068		
SLC12A1	x	x	EIF5A2	x	x
CD36	x	x	EFHD1		x
MCTP2	x	x	DBI	x	x
B9D1	x	x	NCRNA00163		
MAOA	x	x	LGALS12	x	x
FRMD5	x	x	RETSAT	x	x
CSRP1	x	x	XLOC_004323		
DYNLT3	x	x	NEK3	x	x
PPP1R1A	x	x	KRTAP26-1		
LOC149773			TMEM130		
OGFRL1	x	x	C7orf46	x	x
COMMD3	x	x	CEP250	x	x
TRAF4	x	x	ITSN1	x	
HIGD1C			IFFO2	x	x
PYY2	x		EGLN1	x	x
TMEM26			LOC644366		
C21orf59	x		CASK	x	x
LOC442434			SPZ1		
ASB7	x	x	POPDC3		x
MAPK7	x	x	LOC100509860		
MYB	x	x	RPL23A	x	
DPP10	x		ST5	x	
FAM20C			MBOAT2	x	x
DMD	x	x	PDRG1	x	x
KREMEN1	x	x	MED6	x	x
MRPS36	x	x	HMGB3P22		
LAMC2	x	x	ZKSCAN3	x	x
TUBAL3			DENND2A		x
LOC100134285			TMEM200C		