

**Supplemental Table 8. Intersection with Breast Tumors Derived from ER-negative Patients.**

<b>Probe</b>	<b>Symbol</b>	<b>Description</b>	<b>P-value</b>	<b>Fold-Change</b>
ADXECNTDJ.1029_s_at	TRIT1	tRNA isopentenyl-transferase 1	0.005	4.38
ADXECAD.26784_s_at	KLRD1	killer cell lectin-like receptor subfamily D member 1	0.03	3.74
ADXEC.2081.C1_s_at	ISG20	Interferon stimulated exonuclease gene 20kDa	0.03	3.50
ADXECNTDJ.5475_s_at	FNDC3B	fibronectin type III domain containing 3B	0.04	3.00
ADXECRS.22704_s_at	PSMB9	proteasome (prosome macropain) subunit beta type 9	0.003	2.98
ADXEC.18483.C2_at	TRAF3IP3	TRAF3 interacting protein 3	0.01	2.97
ADXLCEC.3953.C1_at	CD86	CD86 molecule	0.02	2.88
ADXECNTDJ.7829_s_at	CD53	CD53 molecule	0.004	2.87
ADXEC.23283.C1_s_at	EZH2	enhancer of zeste homolog 2 (Drosophila)	0.02	2.77
ADXECADA.18168_at	CHAF1A	SH3-containing protein EEN (EEN) and chromatin assembly-factorI p15	0.01	2.75
ADXEC.9513.C1_x_at	IRF5	interferon regulatory factor 5	0.05	2.73
ADXEC.9513.C1_at	IRF5	interferon regulatory factor 5	0.04	2.65
ADXEC.583.C2_s_at	C1QB	complement component 1 q subcomponent B chain	0.04	2.63
ADXEC.22119.C1_x_at	HMGB3	highmobility group box 3	0.05	2.61
ADXECAD.1752_at	XRN1	5'-3' exoribonuclease 1	0.03	2.53
ADXEC.8712.C1-a_s_at	CXCR4	chemokine (CXC motif) receptor 4	0.01	2.53
ADXECEMUTR.3960_at	SAMHD1	SAM domain and HD domain 1	0.003	2.52
ADXECEMUTR.278_s_at	SLC25A37	solute carrier family 25 member 37	0.03	2.51
ADXEC.22509.C1_at	OAS2	2'-5'-oligoadenylate synthetase 2, 69/71kDa	0.04	2.50
ADXEC.6876.C1_at	SRPRB	signal recognition particle receptor B subunit	0.05	2.42
ADXEC.12903.C1_s_at	TRIP6	thyroid hormone receptor interactor 6	0.005	2.38
ADXEC.2738.C1_s_at	PLAUR	plasminogen activator urokinase receptor	0.05	2.36
ADXEC.6557.C2_s_at	HTATIP2	HIV1 Tat interactive protein 2 30kDa	0.02	2.33
ADXEC.60.C3_at	NCF2	neutrophil cytosolic factor 2	0.05	2.32
ADXEC.12396.C1_at	CX3CL1	chemokine (CX3C motif) ligand 1	0.03	2.31
ADXECAD.23141_at	DMD	dystrophin (DMD) transcript variant Dp71ab	0.05	2.28
ADXEC.1226.C2_x_at	TYMS	gene for thymidylate synthase	0.02	2.27
ADXEC.1226.C2_at	TYMS	gene for thymidylate synthase	0.01	2.24
Adx-200054-up_s_at	ZNF259	zinc finger protein 259	0.04	2.21
ADXEC.22145.C1_at	ETV5	Ets variant 5	0.04	2.18
ADXEC.21162.C2_s_at	UCK2	uridine-cytidine kinase 2	0.008	2.17
ADXECNTDJ.2692_s_at	KIF3C	kinesin family member 3C	0.03	2.16
ADXECRS.39826_at	PGK1	phosphoglycerate kinase 1	0.05	2.16
ADXEC.31137.C1_at	DAPP1	dual adaptor of phosphotyrosine and 3-phosphoinositides	0.03	2.14
ADXEC.8915.C1-a_s_at	PTPRC	protein tyrosine phosphatase receptor type C	0.04	2.12
ADXEC.22252.C1-a_s_at	RIT1	Ras-like without CAAX 1	0.01	2.11
ADXEC.12903.C3_s_at	TRIP6	thyroid hormone receptor interactor 6	0.01	2.09
ADXEC.1986.C1_s_at	NARF	nuclear prelamin A recognition factor	0.03	2.04
ADXEC.13555.C1_at	SLA	Src-like-adaptor	0.04	2.03
ADXEC.2392.C9_x_at	CHAF1A	SH3containing protein EEN (EEN) and chromatin assemblyfactorI p15	0.05	2.02
ADXECRS.35893_x_at	CD3G	CD3g molecule gamma (CD3TCR complex)	0.03	2.01
ADXECAD.13209_at	TTC7A	tetratricopeptide repeat domain 7A	0.04	1.98
ADXEC.2920.C1_at	CHD7	chromodomain helicase DNA binding protein 7	0.05	1.97

ADXEC.32742.C1_s_at	NDRG1	N-myc downstream regulated 1	0.04	1.97
ADXEC.20469.C1_at	SFT2D2	SFT2 domain containing 2	0.04	1.96
ADXEC.1043.C1-a_s_at	BYSL	bystin-like	0.05	1.96
ADXEC.8794.C1_at	CD53	CD53 molecule	0.04	1.92
ADXECAD.18989_at	CHD7	chromodomain helicase DNA binding protein 7	0.04	1.92
ADXEC.4619.C1-a_s_at	FANCA	Fanconi anemia complementation group A	0.04	1.90
ADXEC.11501.C1_s_at	NUP93	nucleoporin 93kDa	0.02	1.89
ADXEC.3918.C1_s_at	CREB3L2	cAMP responsive element binding protein 3-like 2	0.03	1.87
ADXEC.16609.C1_at	GIT2	G protein-coupled receptor kinase interacting Arf-GAP 2	0.05	1.85
ADXOCEC.10681.C1_at	TTL4	tubulin tyrosine ligaselike family member 4	0.02	1.83
ADXEC.29114.C1_x_at	CXCR3	chemokine (CXC motif) receptor 3	0.05	1.82
ADXECADA.13436_at	CCDC93	coiled-coil domain containing 93	0.03	1.81
ADXECAD.2809_x_at	KIF1B	kinesin family member 1B	0.008	1.80
ADXEC.2201.C2_s_at	RNASE1	ribonuclease RNase A family 1 (pancreatic)	0.002	1.79
ADXEC.9707.C1_at	LAPTM5	lysosomal protein transmembrane 5	0.03	1.78
ADXECADA.21291_at	DAPK1	death-associated protein kinase 1	0.03	1.77
ADXEC.20402.C1_s_at	CORO1C	coronin actin binding protein 1C	0.04	1.77
ADXEC.8794.C1_x_at	CD53	CD53 molecule	0.04	1.76
ADXEC.29628.C1_at	NF2	NF2 gene	0.02	1.76
ADXEC.1926.C1_s_at	TYROBP	TYRO protein tyrosine kinase binding protein	0.0008	1.75
ADXEC.22969.C1_at	TRIM22	tripartite motifcontaining 22	0.02	1.74
ADXEC.22969.C1_s_at	TRIM22	tripartite motifcontaining 22	0.03	1.68
ADXEC.4627.C3_s_at	SLC15A3	solute carrier family 15 member 3	0.03	1.74
ADXECNTDJ.546_s_at	SLC15A3	solute carrier family 15 member 3	0.03	1.66
ADXECRS.325_s_at	SEMA4D	sema domain immunoglobulin domain (Ig) transmembrane	0.03	1.73
ADXEC.22227.C1_s_at	FNBP1	formin binding protein 1	0.01	1.66
ADXEC.2675.C1_at	MTF2	metal response element binding transcription factor 2	0.04	1.65
ADXEC.11414.C1_s_at	ODF2L	outer dense fiber of sperm tails 2-like	0.02	1.63
ADXEC.1998.C1_at	GALK1	galactokinase 1	0.02	1.62
ADXEC.8712.C1_at	CXCR4	hemokine (CXC motif) receptor 4	0.02	1.60
ADXECAD.9496_at	CDK6	cyclin-dependent kinase 6	0.04	1.60
ADXECNTDJ.82_s_at	FYB	FYN binding protein	0.05	1.60
ADXEC.2481.C1_at	RBM28	RNA binding motif protein 28	0.05	1.58
ADXEC.2959.C3_s_at	COPG	coatomer protein complex subunit gamma	0.05	1.54
ADXEC.16562.C1_s_at	CCNJ	cyclin J	0.03	1.54
ADXECADA.1528_s_at	CCNJ	cyclin J	0.02	1.44
ADXEC.5483.C1_at	NFE2L3	NFE2-related factor 3	0.05	1.51
ADXEC.1260.C8_s_at	PSMB4	proteasome (prosome macropain) subunit beta type 4	0.03	1.51
ADXECRS.34598_x_at	PDK3	pyruvate dehydrogenase kinase	0.03	1.49
ADXEC.15900.C1-a_s_at	FAM60A	family with sequence similarity 60 member A	0.03	1.43
ADXECAD.20409_s_at	IVNS1ABP	influenza virus NS1A binding protein	0.04	1.43
ADXPCEC.15942.C1_x_at	CCR2	chemokine (C-C motif) receptor 2	0.02	1.41
ADXEC.20377.C1-a_s_at	SOAT1	sterol O-acyl-transferase 1	0.02	1.40
ADXECAD.5485_at	INTS7	Integrator complex subunit 7	0.04	1.40
ADXECAD.9838_s_at	RRBP1	ribosome binding protein 1 homolog 180kDa (dog)	0.005	1.34
ADXECNTDJ.6223_s_at	IFRD1	interferon-related developmental regulator 1	0.02	1.28

ADXEC.11850.C1_at	RSU1	Ras suppressor protein 1	0.05	1.28
ADXEC.3867.C1_x_at	HAAO	3-hydroxyanthranilate 3,4-dioxygenase	0.03	1.26
ADXEC.3576.C1_x_at	LAMP2	lysosomal-associated membrane protein 2 (LAMP2)	0.01	1.25
ADXECRS.8473_at	GAPDHS	glyceraldehyde-3-phosphate dehydrogenase, spermatogenic	0.002	1.24
ADXECNTDJ.7956_s_at	IRF5	interferon regulatory factor 5	0.04	1.22
ADXECRS.24092_x_at	ADAMTS7	ADAM metalloproteinase with thrombospondin type 1 motif, 7	0.02	1.22
ADXEC.14042.C1_x_at	SOX8	SRY (sex determining region Y) box 8	0.04	1.22

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