

Additional File 2. 53 Luminal Breast Cancer Gene Sets that were Utilized in GSEA

NAME	ORIGINAL SIZE	AFTER RESTRICTING TO DATASET	STATUS
BERTUCCI_MEDULLARY_VS_DUCTAL_BREAST_CANCER_DN	169	119	
BERTUCCI_MEDULLARY_VS_DUCTAL_BREAST_CANCER_UP	206	142	
CHARAFE_BREAST_CANCER_BASAL_VS_MESENCHYMAL_DN	50	35	
CHARAFE_BREAST_CANCER_BASAL_VS_MESENCHYMAL_UP	121	76	
CHARAFE_BREAST_CANCER_LUMINAL_VS_BASAL_DN	455	337	
CHARAFE_BREAST_CANCER_LUMINAL_VS_BASAL_UP	380	230	
CHARAFE_BREAST_CANCER_LUMINAL_VS_MESENCHYMAL_DN	460	325	
CHARAFE_BREAST_CANCER_LUMINAL_VS_MESENCHYMAL_UP	450	293	
FARMER_BREAST_CANCER_APOCRINE_VS_BASAL	330	245	
FARMER_BREAST_CANCER_APOCRINE_VS_LUMINAL	326	235	
FARMER_BREAST_CANCER_BASAL_VS_LUMINAL	330	241	
FARMER_BREAST_CANCER_CLUSTER_1	44	25	
FARMER_BREAST_CANCER_CLUSTER_2	33	30	
FARMER_BREAST_CANCER_CLUSTER_4	16	14	
FARMER_BREAST_CANCER_CLUSTER_5	19	18	
FARMER_BREAST_CANCER_CLUSTER_6	16	14	
FARMER_BREAST_CANCER_CLUSTER_7	20	13	
FARMER_BREAST_CANCER_CLUSTER_8	7		Rejected!
FINETTI_BREAST_CANCER_KINOME_GREEN	16	15	
FINETTI_BREAST_CANCER_KINOME_RED	16	15	
FINETTI_BREAST_CANCERS_KINOME_BLUE	21	17	
FINETTI_BREAST_CANCERS_KINOME_GRAY	15	13	
HOWLIN_CITED1_TARGETS_1_DN	37	29	
HOWLIN_CITED1_TARGETS_1_UP	35	25	
HOWLIN_CITED1_TARGETS_2_DN	17	16	
HOWLIN_CITED1_TARGETS_2_UP	17	16	
HOWLIN_PUBERTAL_MAMMARY_GLAND	69	60	
HUPER_BREAST_BASAL_VS_LUMINAL_DN	59	43	
HUPER_BREAST_BASAL_VS_LUMINAL_UP	54	38	
LIM_MAMMARY_LUMINAL_MATURE_DN	99	82	
LIM_MAMMARY_LUMINAL_MATURE_UP	116	85	
LIM_MAMMARY_LUMINAL_PROGENITOR_DN	14	11	
LIM_MAMMARY_LUMINAL_PROGENITOR_UP	58	49	
LIM_MAMMARY_STEM_CELL_DN	428	308	
LIM_MAMMARY_STEM_CELL_UP	489	372	
SMID_BREAST_CANCER_BASAL_DN	701	476	
SMID_BREAST_CANCER_BASAL_UP	648	493	
SMID_BREAST_CANCER_ERBB2_DN	5		Rejected!
SMID_BREAST_CANCER_ERBB2_UP	147	98	
SMID_BREAST_CANCER_LUMINAL_A_DN	18	15	
SMID_BREAST_CANCER_LUMINAL_A_UP	84	63	
SMID_BREAST_CANCER_LUMINAL_B_DN	564	412	
SMID_BREAST_CANCER_LUMINAL_B_UP	172	121	
SMID_BREAST_CANCER_NORMAL_LIKE_DN	6	5	
SMID_BREAST_CANCER_NORMAL_LIKE_UP	476	348	
SMID_BREAST_CANCER_RELAPSE_IN_BONE_DN	315	238	
SMID_BREAST_CANCER_RELAPSE_IN_BONE_UP	97	64	
SMID_BREAST_CANCER_RELAPSE_IN_BRAIN_DN	85	58	
SMID_BREAST_CANCER_RELAPSE_IN_BRAIN_UP	39	37	
SMID_BREAST_CANCER_RELAPSE_IN_LIVER_DN	10	10	
SMID_BREAST_CANCER_RELAPSE_IN_LIVER_UP	6	6	
SMID_BREAST_CANCER_RELAPSE_IN_LUNG_DN	37	25	
SMID_BREAST_CANCER_RELAPSE_IN_LUNG_UP	21	18	
SMID_BREAST_CANCER_RELAPSE_IN_PLEURA_DN	27	16	
SMID_BREAST_CANCER_RELAPSE_IN_PLEURA_UP	6	6	