Supplemental

Figure S1 primary antibodies used for Flow Cytometry

Phenotype	Marker	Fluorophore	Supplier and Code	
Pluripotent	OCT 4	PE	Sony	3868520
	SOX 2	Unconjugated	Abcam	ab93689
	NANOG	Alexa 647	Sony	3971050
EMT/MSC	CD90	FITC	BD bioscience	11-0909-42
	CD73	APC-780	BD bioscience	47-0739-42
	CD105	PE	BD bioscience	17-1057-42
	CD44	APC	BD bioscience	17-0441-82

List of primary antibodies used for Flow Cytometry analysis

Figure S2 RT-qPCR Primers and Melting curve

Target Gene	Primer Sequence
hTLR3	Forward: 5′-ACACACTTCCAGCATCTGTC-3′ Reverse: 5′-TCACACGTGCAATCAAAGGG-3′
hTLR4	Forward: 5′- TGGGAGCCTTTTCTGGACTA-3′ Reverse: 5′-TGGAAAGGTCCAAGTGCTCT-3′
hIL-6	Forward: 5′-CAGAGCTGTGCAGATGAGTA-3′ Reverse: 5′-CTCCTTAAAGCTGCGCAGAA-3′
hIL-8	Forward: 5′-GTGCAGTTTTGCCAAGGAGT-3′ Reverse: 5′- AACCCTCTGCACCCAGTTTT-3′
HLA-A	Forward: 5′-TCCTTGGAGCTGTGATCACT-3′ Reverse: 5′- AAGGGCAGGAACAACTCTTG -3′
HLA-B	Forward: 5′-ATTACATCGCCCTGAACGAG-3′ Reverse: 5′-ATCTCCGCAGGGTAGAAACC-3′
HLA-C	Forward: 5′-TCCTGGTTGTCCTAGCTGTC-3′ Reverse: 5′-CAGGCTTTACAAGTGATGAG-3′
GAPDH	Forward: 5′-CCCACTAACATCAAATGGGG-3′ Reverse: 5′-CCTTCCACAATGCCAAAGTT-3′

List of primers used for RT-qPCR analysis

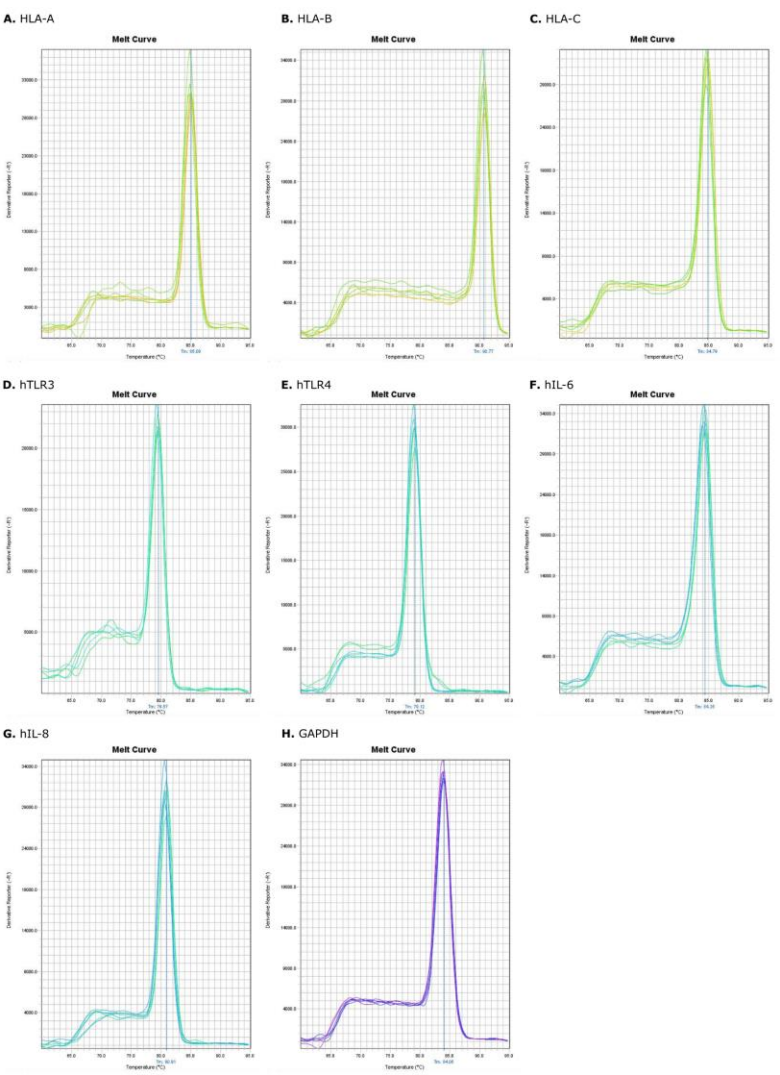


Figure S3 FITC ALDH sorting MDA-MB-468

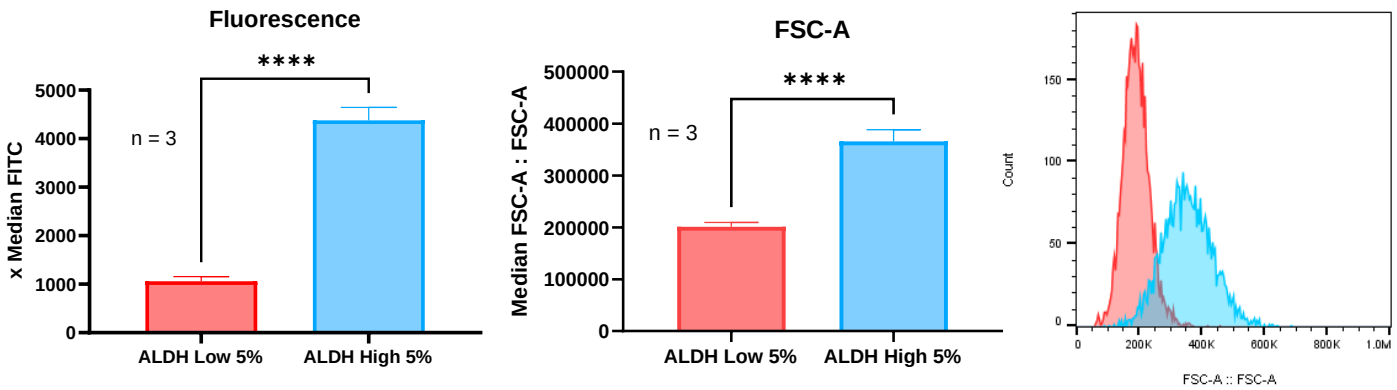


Figure S4 RFP Vimentin sorting MDA-MB-231)

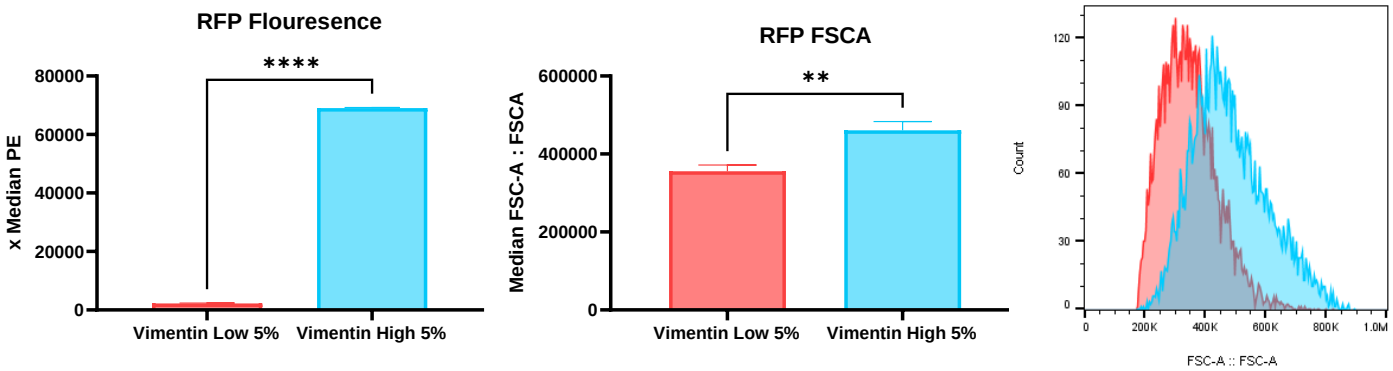


Figure S5 Mammospheres MDA-MB-468

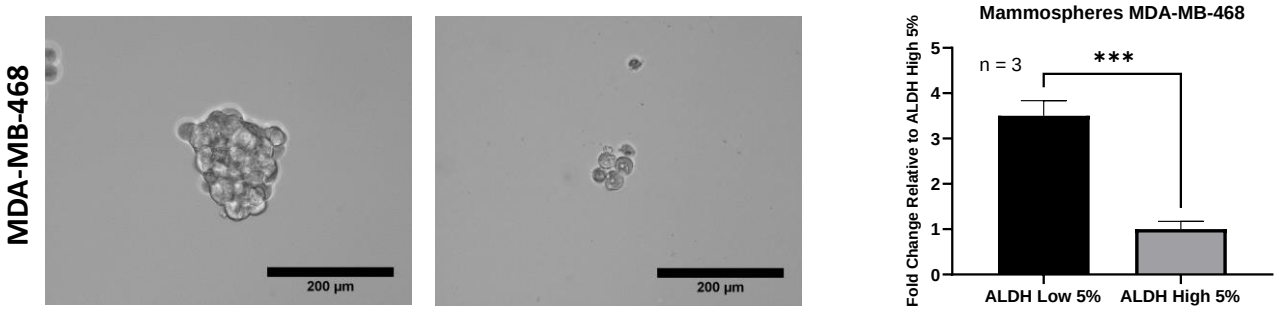
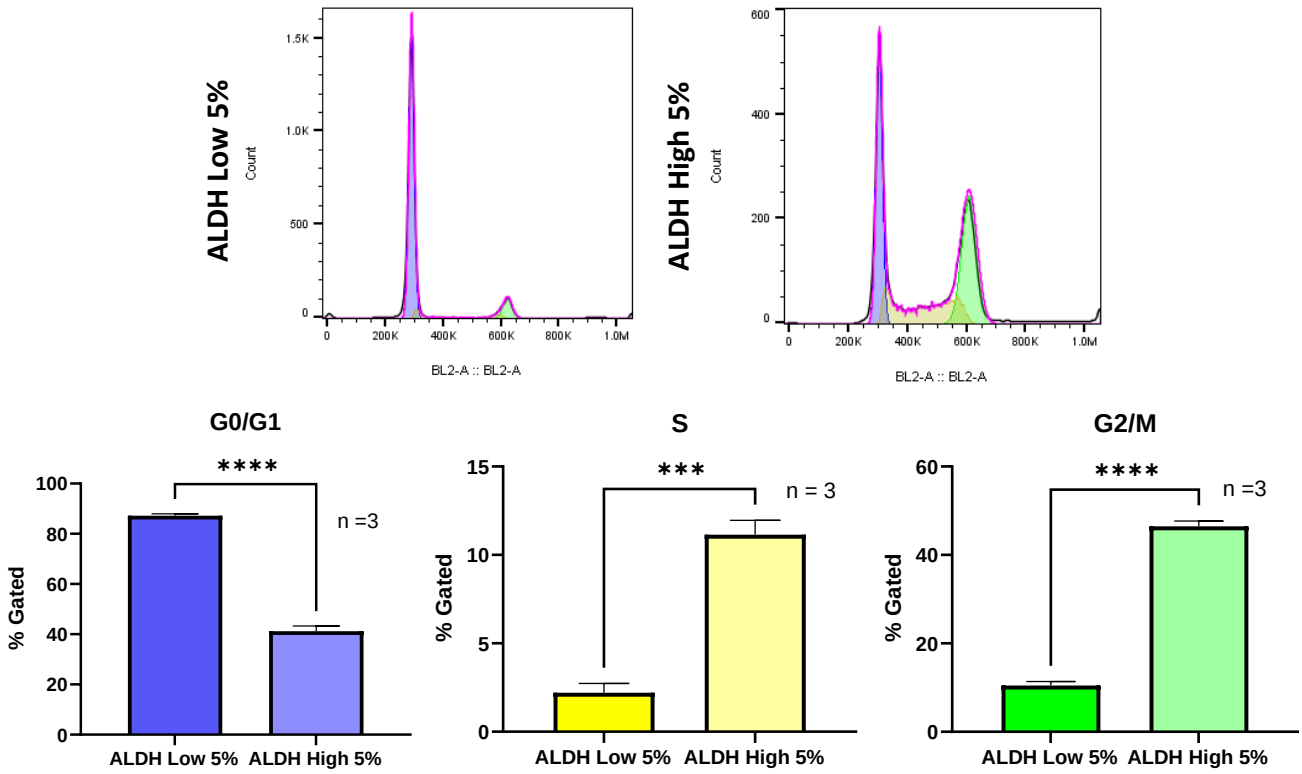


Figure S6 Cell Cycle MDA-MB-468



Supplemental 7 (Lysotracker red MDA-MB-468)

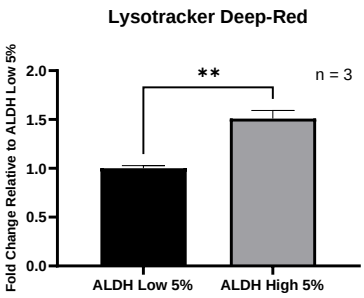
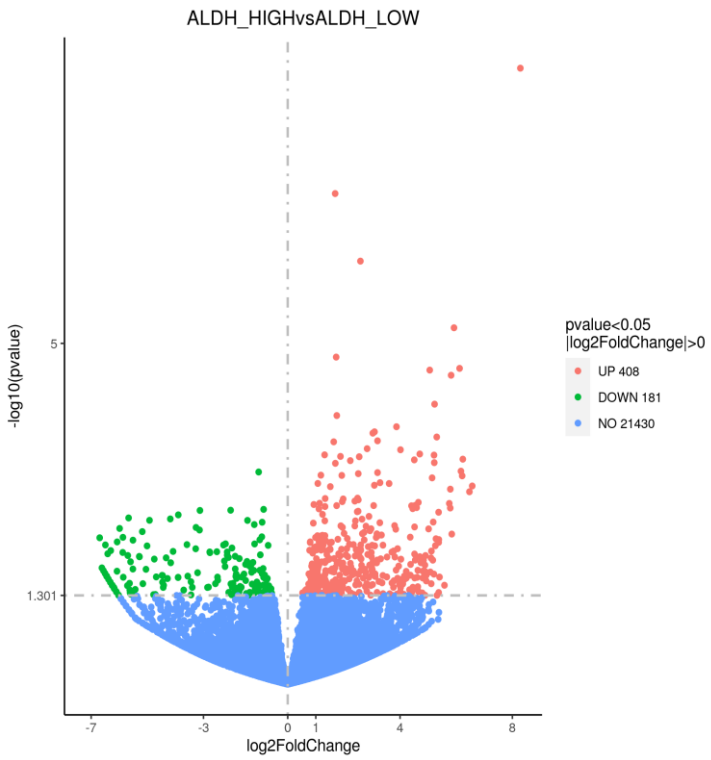


Figure S8 RNA seq Data

A

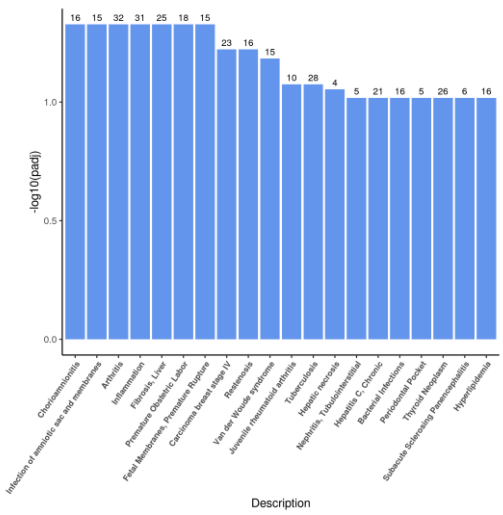


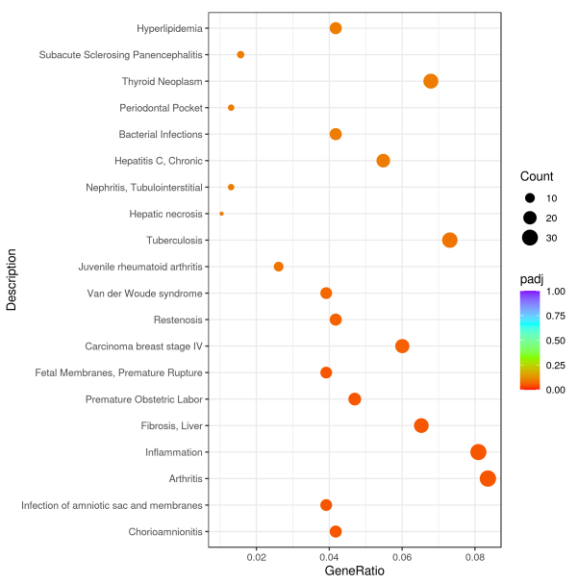
Upregulated DEGs

log2FoldCh	pvalue	padj	gene_nam
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1.68926	6.33E-08	0.000692	UBE2C
2.589034	6.21E-07	0.004519	CEMIP
5.921715	5.90E-06	0.032228	ANXA8L1
1.725117	1.59E-05	0.069448	CDK1
6.120344	2.33E-05	0.076989	PDZK1IP1
5.057611	2.47E-05	0.076989	SORCS2
5.818748	2.94E-05	0.080159	PLEKHS1
5.229763	7.80E-05	0.189303	HLA-F
1.74765	0.000115	0.250333	HLA-B

B

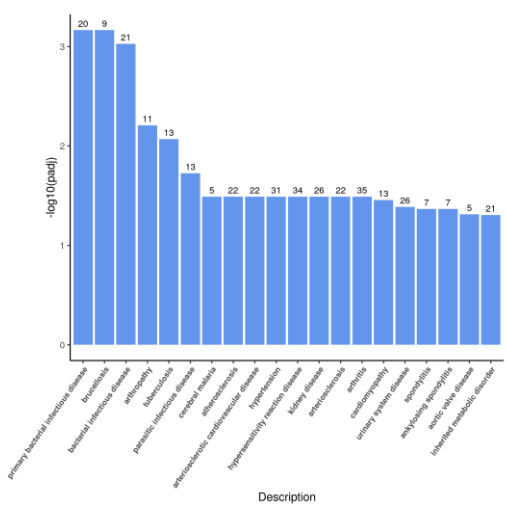
DisGenNet

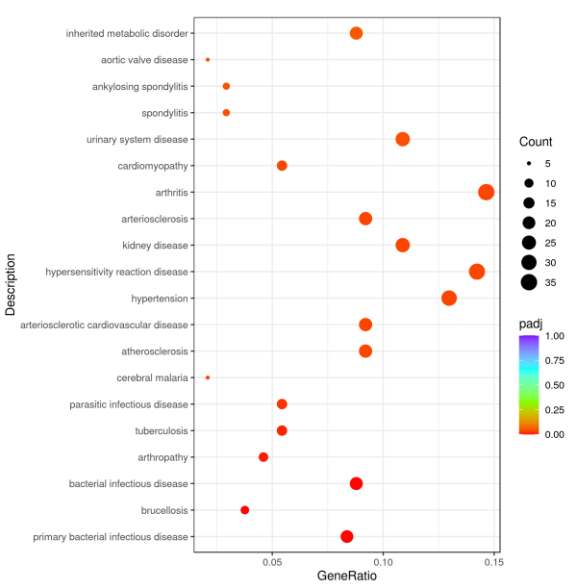




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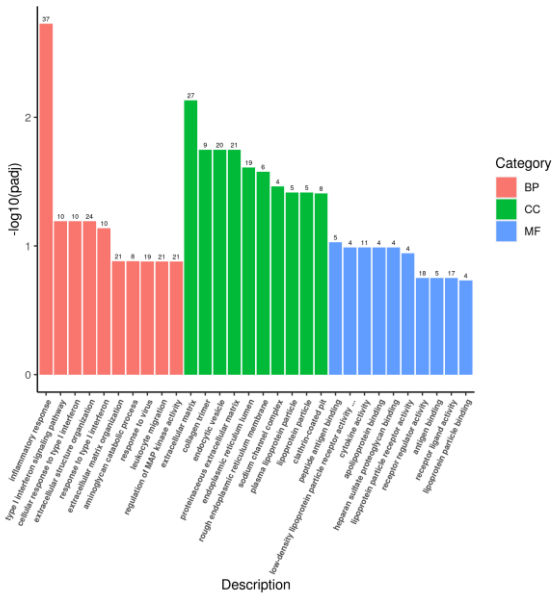
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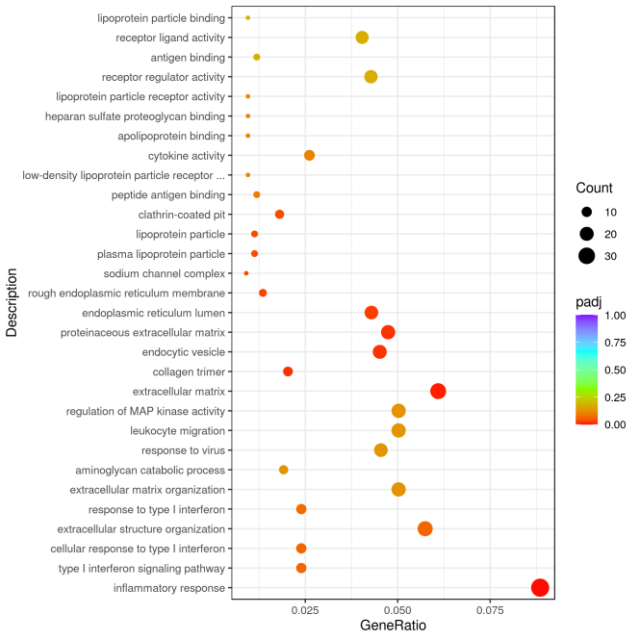




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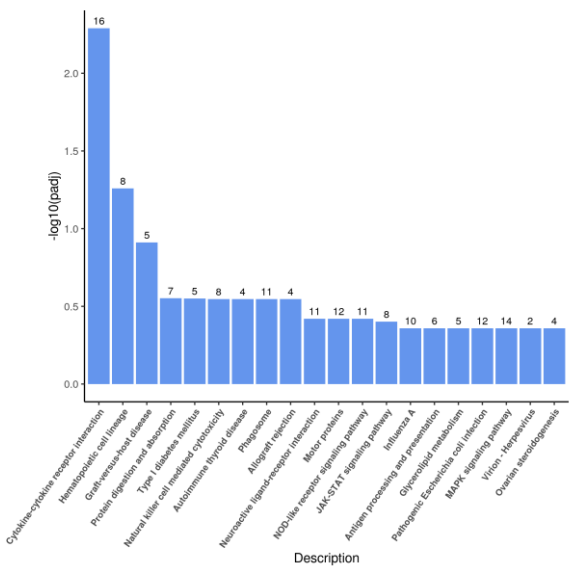
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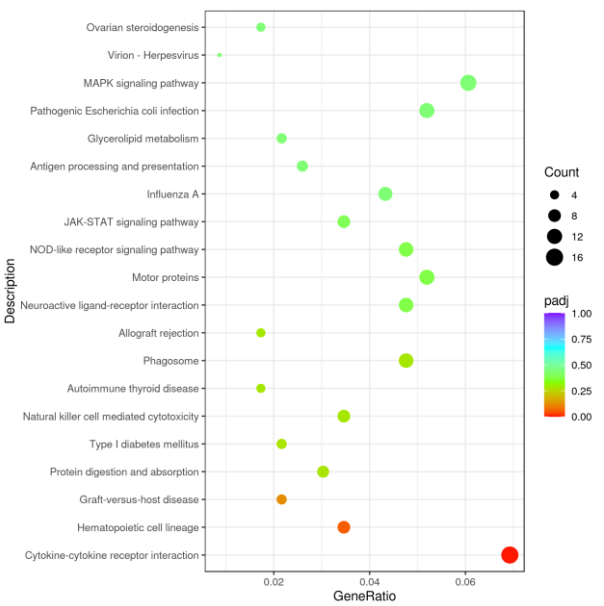




E

KEGG





F

Reactome

