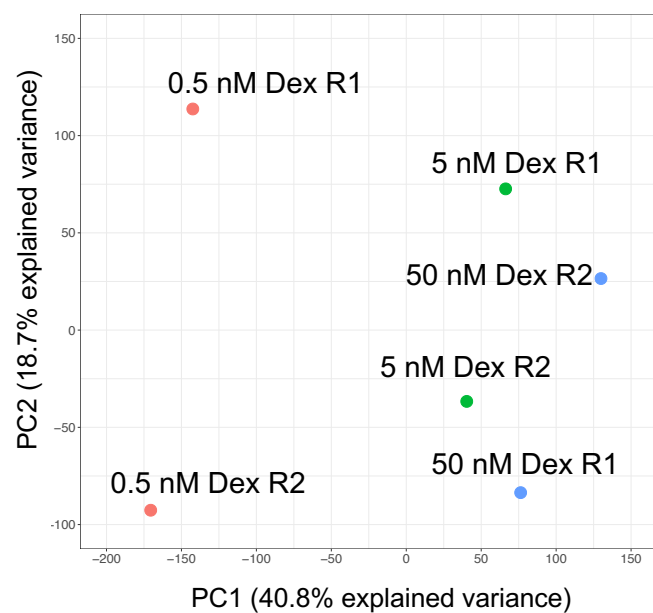


A



B

Cluster	Motif	Name	P Value	Log ₁₀ (P Value)	# Target sequences with motif	% of Target sequences with motif	# Background sequences with motif	% of Background sequences with motif
1		GRE(NR)JR3RAW264.7-GRE-ChIP-Seq(Unpublished)/Homer	1e-2378	-5477.435464	3019.0	44.27%	1521.0	3.63%
		GRE(NR)JR3A549-GR-ChIP-Seq(GSE32465)/Homer	1e-2142	-4932.236126	2349.0	34.44%	824.5	1.97%
		ARE(NR)LNCAP-AR-ChIP-Seq(GSE27824)/Homer	1e-2031	-4677.025589	2876.0	42.17%	1742.3	4.16%
		PGR(NR)EndoStromal-PGR-ChIP-Seq(GSE69539)/Homer	1e-1835	-4225.926702	2602.0	38.15%	1540.2	3.67%
		PR(NR)T47D-PR-ChIP-Seq(GSE31130)/Homer	1e-1225	-2820.686095	5632.0	82.58%	16086.6	38.37%
2		Fra1(bZIP)/BT549-Fra1-ChIP-Seq(GSE46166)/Homer	1e-1129	-2599.846466	2798.0	41.03%	3627.8	8.65%
		Fra2(bZIP)/Striatum-Fra2-ChIP-Seq(GSE43429)/Homer	1e-1093	-2518.963525	2590.0	37.98%	3139.8	7.49%
		JunB(bZIP)/Dendritic-Cells-Junb-ChIP-Seq(GSE36099)/Homer	1e-1040	-2396.976282	2728.0	40.00%	3729.9	8.90%
		Aif3(bZIP)/GBM-ATF3-ChIP-Seq(GSE33912)/Homer	1e-1037	-2389.268204	2975.0	43.62%	4536.5	10.82%
		BATF(bZIP)/Th17-BATF-ChIP-Seq(GSE39756)/Homer	1e-1027	-2365.228649	2920.0	42.82%	4396.5	10.49%
		FosD2(bZIP)/3T3L1-FosD2-ChIP-Seq(GSE56872)/Homer	1e-1015	-2338.547207	2128.0	31.20%	2151.7	5.13%
		AP-1(bZIP)/ThaoMac-PU.1-ChIP-Seq(GSE21512)/Homer	1e-950	-2188.543174	3045.0	44.65%	5166.9	12.32%
		Jun-AP1(bZIP)/K562-cJun-ChIP-Seq(GSE31477)/Homer	1e-918	-2115.098968	1762.0	25.84%	1544.5	3.68%
		Bach2(bZIP)/OCI.Ly7-Bach2-ChIP-Seq(GSE44420)/Homer	1e-493	-1135.631294	1172.0	17.18%	1285.2	3.07%
		Bach1(bZIP)/K562-Bach1-ChIP-Seq(GSE31477)/Homer	1e-191	-440.281436	392.0	5.75%	343.5	0.82%
		NF-E2(bZIP)/K562-NFE2-ChIP-Seq(GSE31477)/Homer	1e-189	-435.587020	427.0	6.26%	422.3	1.01%
		Nrf2(bZIP)/Lymphoblast-Nrf2-ChIP-Seq(GSE37589)/Homer	1e-168	-387.840346	362.0	5.31%	336.6	0.80%
		NFE2L2(bZIP)/HepG2-NFE2L2-ChIP-Seq(Encode)/Homer	1e-141	-325.917248	322.0	4.72%	320.6	0.76%
		MafA(bZIP)/Tset-MafA-ChIP-Seq(GSE30298)/Homer	1e-76	-175.974922	1475.0	21.63%	5620.6	13.41%