

Gene Symbol	Gene Name	No stimulation (RPKM)	R1881 (RPKM)	R1881 + Enzalutamide (RPKM)	R1881 + GNE-049 (RPKM)
CHRNA2	cholinergic receptor, nicotinic, alpha 2 (neuronal)	0.136	2.08	0.0913	4.35
KLK2	kallikrein-related peptidase 2	2.9	43.9	1.46	26.4
KLK3	kallikrein-related peptidase 3	36	292	19.2	0.879
ST6GALNAC1	ST6 (alpha-N-acetylneuraminyl-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 1	0.863	6.3	0.595	3.19
KLKP1	kallikrein pseudogene 1	0.791	4.28	0.535	5.5
KLK4	kallikrein-related peptidase 4	48.3	225	29.9	4.18
DTL	denticleless E3 ubiquitin protein ligase homolog (Drosophila)	1.2	4.63	1.01	18.4
ZNF367	zinc finger protein 367	0.651	2.5	0.548	0.399
RRM2	ribonucleotide reductase M2	2.33	8.57	1.99	8.05
FAM111B	family with sequence similarity 111, member B	4.48	16.1	3.32	75.6
SLC45A3	solute carrier family 45, member 3	13.1	47	9.11	17.6
SLC15A2	solute carrier family 15 (oligopeptide transporter), member 2	0.665	2.37	0.576	20
KCNN2	potassium intermediate/small conductance calcium-activated channel, subfamily N, member 2	4.88	17.2	4.02	0.0617
MCM10	minichromosome maintenance complex component 10	0.824	2.76	0.572	2.02
CDC45	cell division cycle 45	0.967	3.23	0.919	53
CDC6	cell division cycle 6	2.72	8.73	2.43	2.26
C19orf48	chromosome 19 open	31.2	100	24.9	14.2

	reading frame 48				
LOC101927078	uncharacterized LOC101927078	0.76	2.32	0.537	0.0958
CEP55	centrosomal protein 55kDa	0.822	2.44	0.679	4.26
ORC6	origin recognition complex, subunit 6	1.96	5.76	1.94	7.87
EAF2	ELL associated factor 2	3.07	8.92	2.56	12.2
PMEPA1	prostate transmembrane protein, androgen induced 1	8.63	24.9	6.86	2.74
DDIAS	DNA damage-induced apoptosis suppressor	0.762	2.17	0.742	0.338
TMPRSS2	transmembrane protease, serine 2	30.4	85.1	19.6	32.6
ASF1B	anti-silencing function 1B histone chaperone	3.48	9.64	2.57	12.5
RAD54L	RAD54-like (<i>S. cerevisiae</i>)	1.37	3.73	1.4	5.64
AZGP1	alpha-2-glycoprotein 1, zinc-binding	5.81	15.6	4.5	2.75
MYBL2	v-myb avian myeloblastosis viral oncogene homolog-like 2	3.61	9.44	2.92	17.3
RAD51	RAD51 recombinase	0.785	2.05	0.819	10.8
NDC80	NDC80 kinetochore complex component	1.64	4.25	1.39	28.6
KIFC1	kinesin family member C1	1.32	3.41	1.24	12.9
ORC1	origin recognition complex, subunit 1	1.23	3.17	1.18	7.8
ESCO2	establishment of sister chromatid cohesion N-acetyltransferase 2	1.02	2.61	0.786	3.86
BRCA1	breast cancer 1, early onset	1	2.54	0.912	114
no	SHC SH2-domain binding protein 1	1.01	2.54	0.716	18.6
TTK	TTK protein kinase	0.806	2.01	0.625	0.177
PBK	PDZ binding kinase	2.14	5.3	2.45	0.551
MKI67	marker of proliferation Ki-67	1.16	2.86	0.947	9.98
CDCA5	cell division cycle associated 5	2.19	5.36	2.29	0.834

FAM83D	family with sequence similarity 83, member D	1.77	4.32	2.13	15
NKX3-1	NK3 homeobox 1	101	244	66.1	1.2
TROAP	trophinin associated protein	0.915	2.21	1.22	33.4
CENPU	centromere protein U	3.21	7.61	3.12	6.18
BUB1B	BUB1 mitotic checkpoint serine/threonine kinase B	2.11	4.87	2.18	3.3
SNORD88B	small nucleolar RNA, C/D box 88B	5.31	12.2	3.67	27.9
ELOVL7	ELOVL fatty acid elongase 7	2	4.59	2.05	42.3
FAM64A	family with sequence similarity 64, member A	1.31	2.99	1.09	26.8
UBE2C	ubiquitin-conjugating enzyme E2C	2.55	5.8	2.16	9.23
DUSP27	dual specificity phosphatase 27 (putative)	0.921	2.09	0.699	17.6
RMI2	RecQ mediated genome instability 2	2.37	5.37	1.9	5.19
HJURP	Holliday junction recognition protein	0.976	2.21	0.711	1.11
CDCA7	cell division cycle associated 7	1.56	3.52	1.38	1.6
AURKB	aurora kinase B	1.34	3.02	1	41.2
ANLN	anillin, actin binding protein	1.43	3.21	1.07	56.2
NUF2	NUF2, NDC80 kinetochore complex component	1.29	2.89	1.43	7.29
KIF2C	kinesin family member 2C	1.21	2.67	1.09	46.3
FEN1	flap structure-specific endonuclease 1	6.69	14.5	6.65	4.46
TOP2A	topoisomerase (DNA) II alpha 170kDa	2.22	4.77	1.85	44.5
FKBP5	FK506 binding protein 5	3.03	6.51	2.6	11.2
GPR158	G protein-coupled receptor 158	8.72	18.7	6.86	4.67
TYMS	thymidylate synthetase	9.05	19.4	8.17	5.26
KCNMA1	potassium large	4.06	8.7	3.49	0.903

	conductance calcium-activated channel, subfamily M, alpha member 1				
E2F1	E2F transcription factor 1	5.22	11.1	4.27	0.164
MIR3658	microRNA 3658	21.5	45.6	24.7	69.8
LOC101930278	uncharacterized LOC101930278	1.46	3.08	2.29	1.44
RAD51AP1	RAD51 associated protein 1	1.33	2.79	1.22	6.87
PRIM2	primase, DNA, polypeptide 2 (58kDa)	1.64	3.41	1.68	0.741
MELK	maternal embryonic leucine zipper kinase	1.52	3.16	1.13	14.5
USP43	ubiquitin specific peptidase 43	8.89	18.4	6.17	7.6
GINS2	GINS complex subunit 2 (Psf2 homolog)	5.74	11.8	5.34	8.52
MCM2	minichromosome maintenance complex component 2	11.5	23.6	10.6	13.7
LOC101928588	uncharacterized LOC101928588	1.35	2.76	1.6	6.9
SNORD35B	small nucleolar RNA, C/D box 35B	4.06	8.3	0.1	1.07
SEMA3C	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C	16.2	33	13	16.7
CDC25A	cell division cycle 25A	2.03	4.13	1.78	7.91
GNMT	glycine N-methyltransferase	3.99	8.11	4.04	4.95
GREB1	growth regulation by estrogen in breast cancer 1	4.61	9.35	3.89	17.6
TMEFF2	transmembrane protein with EGF-like and two follistatin-like domains 2	86.8	176	66.7	40.4
BIRC5	baculoviral IAP repeat containing 5	3.17	6.38	3	286
CENPN	centromere protein N	5.14	10.3	4.6	10
CDCA8	cell division cycle	2.26	4.51	2.36	21.3

	associated 8				
NUSAP1	nucleolar and spindle associated protein 1	4.51	8.99	4.28	21.2
DLGAP5	discs, large (Drosophila) homolog-associated protein 5	1.21	2.4	1.17	0.85
LOC101929375	uncharacterized LOC101929375	1.37	2.71	1.76	0.1
RAB6C-AS1	RAB6C antisense RNA 1	1.61	3.17	1.91	0.508
RNU86	RNA, U86 small nucleolar	9.36	18.4	13.7	15.5
GPR158-AS1	GPR158 antisense RNA 1	3.41	6.63	2.54	15.1
MBOAT2	membrane bound O-acyltransferase domain containing 2	21.5	41.7	19	5.19
MCM4	minichromosome maintenance complex component 4	9.57	18.5	8.37	5.17
TCF19	transcription factor 19	2.97	5.74	2.71	7.22
ENDOD1	endonuclease domain containing 1	71.5	138	65.1	20.7
GINS4	GINS complex subunit 4 (Sld5 homolog)	1.34	2.58	1.2	7.25
GLYATL2	glycine-N-acyltransferase-like 2	1.65	3.17	1.57	8.98
MCM5	minichromosome maintenance complex component 5	6.93	13.3	5.89	12.2
FAM174B	family with sequence similarity 174, member B	10.5	20.1	9.52	10.3
ZBTB10	zinc finger and BTB domain containing 10	6.12	11.7	5.91	13.1
MIR6777	microRNA 6777	5.99	11.3	10.6	6.49
NCAPG	non-SMC condensin I complex, subunit G	1.39	2.62	1.34	0.454
KIF20A	kinesin family member 20A	1.12	2.11	0.943	28.2
CENPM	centromere protein M	1.19	2.23	0.943	9.96
SNORD22	small nucleolar RNA, C/D box 22	5.2	9.66	7.07	8.89
PTGFR	prostaglandin F receptor (FP)	2.53	4.67	2.31	31.1
ZWINT	ZW10 interacting kinetochore protein	8.2	15.1	7.7	8.61

SLC4A4	solute carrier family 4 (sodium bicarbonate cotransporter), member 4	14.1	25.9	13.2	31.6
POC1A	POC1 centriolar protein A	2.12	3.89	2.15	2.35
GCNT1	glucosaminyl (N-acetyl) transferase 1, core 2	1.92	3.52	2.1	24.3
SPC24	SPC24, NDC80 kinetochore complex component	3.04	5.57	2.99	15.7
KIAA0101	KIAA0101	3.02	5.52	2.8	167
PKMYT1	protein kinase, membrane associated tyrosine/threonine 1	3.19	5.83	2.98	35.3
SNORD68	small nucleolar RNA, C/D box 68	7.44	13.5	7.92	15.7
CCNA2	cyclin A2	2.13	3.86	2.04	56.8
BUB1	BUB1 mitotic checkpoint serine/threonine kinase	1.22	2.21	1	19.5
CDCA3	cell division cycle associated 3	1.81	3.27	1.56	8.46
KIF11	kinesin family member 11	1.27	2.29	1.16	1.03
CLGN	calmegin	11.8	21.2	11.3	46.1
ZBTB16	zinc finger and BTB domain containing 16	6.58	11.8	5	27.8
CENPF	centromere protein F, 350/400kDa	1.64	2.93	1.48	80.3
TMEM79	transmembrane protein 79	11.7	20.9	11.2	39.1
CDC20	cell division cycle 20	3.33	5.93	3.3	4.25
CDK2	cyclin-dependent kinase 2	10.9	19.2	11.3	10.9
ELL2	elongation factor, RNA polymerase II, 2	4.21	7.33	4.18	35
MCM3	minichromosome maintenance complex component 3	14.5	25.2	13.5	8.75
FANCI	Fanconi anemia, complementation group I	5.82	10.1	6.19	10
EFCAB12	EF-hand calcium binding	1.35	2.34	1.25	6.51

	domain 12				
ELOVL5	ELOVL fatty acid elongase 5	46.5	80.5	43.4	9.25
IFT57	intraflagellar transport 57	13.7	23.6	12	11.6
SNORD86	small nucleolar RNA, C/D box 86	12.6	21.7	14	8.62
ABCC4	ATP-binding cassette, sub-family C (CFTR/MRP), member 4	21.9	37.5	20.6	31.7
ARG2	arginase 2	78.4	134	72.3	11.8
CCNB2	cyclin B2	3.86	6.59	3.38	4.17
ZNF75D	zinc finger protein 75D	4.78	8.16	5.17	11.5
GLYATL1	glycine-N-acyltransferase-like 1	11.6	19.8	10.9	88.3
PIK3AP1	phosphoinositide-3-kinase adaptor protein 1	1.3	2.21	1.45	10.1
ATAD2	ATPase family, AAA domain containing 2	10	17	9.97	20.4
TK1	thymidine kinase 1, soluble	12.1	20.4	12.1	13.2
MCM7	minichromosome maintenance complex component 7	18.4	31	16.6	56.4
MAD2L1	MAD2 mitotic arrest deficient-like 1 (yeast)	2.48	4.17	2.18	9.9
CDCA4	cell division cycle associated 4	3.45	5.76	2.87	9.46
HMMR	hyaluronan-mediated motility receptor (RHAMM)	1.95	3.25	1.71	3.68
C1orf116	chromosome 1 open reading frame 116	66.8	111	54.9	13.1
MESP1	mesoderm posterior basic helix-loop-helix transcription factor 1	18	29.9	14.8	45.4
LIG1	ligase I, DNA, ATP-dependent	2.06	3.42	2.31	5.64
PRC1	protein regulator of cytokinesis 1	3.77	6.25	3.9	11.9
PCNA	proliferating cell nuclear antigen	35.7	59	33	18.4
STIL	SCL/TAL1 interrupting	1.61	2.66	1.43	0.125

	locus				
KNTC1	kinetochore associated 1	2.23	3.68	2.2	20.9
TRNR	tRNA-Arg	14.4	23.7	27.8	5.92
PCAT1	prostate cancer associated transcript 1 (non-protein coding)	2	3.29	1.69	12
POLA2	polymerase (DNA directed), alpha 2, accessory subunit	5.55	9.11	5.59	0.113
TPX2	TPX2, microtubule-associated	5.02	8.24	4.42	6.68
ARHGEF26	Rho guanine nucleotide exchange factor (GEF) 26	38.7	63.4	31.3	8.97
RHOU	ras homolog family member U	10.7	17.5	9.28	133
ZWILCH	zwilch kinetochore protein	4.77	7.8	4.6	3.06
FAM110B	family with sequence similarity 110, member B	1.31	2.14	1.19	0.0104
MALT1	mucosa associated lymphoid tissue lymphoma translocation gene 1	6.37	10.4	6.05	11.4
DSCC1	DNA replication and sister chromatid cohesion 1	2.7	4.37	2.56	73.4
TMEM194A	transmembrane protein 194A	2.96	4.79	3.12	12.9
PPAP2A	phosphatidic acid phosphatase type 2A	102	165	89.4	26.7
RFC4	replication factor C (activator 1) 4, 37kDa	5.99	9.67	6.09	6.21
PRR16	proline rich 16	1.63	2.63	1.63	122
MNS1	meiosis-specific nuclear structural 1	1.94	3.13	2.14	8.56
TRNG	tRNA-Gly	17.1	27.5	35.4	35.2
CD274	CD274 molecule	10.2	16.4	8.85	4.08
LPAR3	lysophosphatidic acid receptor 3	24.7	39.6	22.1	8.09
PLK1	polo-like kinase 1	2.76	4.41	2.72	10.7
MDGA1	MAM domain containing glycosylphosphatidylinositol anchor 1	2.17	3.46	2.2	2.06

AADAT	aminoadipate aminotransferase	2.89	4.59	2.73	5.65
PCGEM1	PCGEM1, prostate-specific transcript (non-protein coding)	1.74	2.76	1.37	6.78
WDHD1	WD repeat and HMG-box DNA binding protein 1	2.15	3.41	2.18	90.2
DHCR24	24-dehydrocholesterol reductase	217	343	197	5.29
LOC102724017	uncharacterized LOC102724017	3.49	5.51	4.4	0.092
APOBEC3B	apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3B	2.01	3.16	1.71	12.8
SNHG12	small nucleolar RNA host gene 12 (non-protein coding)	5.51	8.66	7.85	47.1
MAFB	v-maf avian musculoaponeurotic fibrosarcoma oncogene homolog B	28	44	19.9	4.3
LOC100130872	uncharacterized LOC100130872	3.03	4.76	3.07	1.14
IL1RAPL1	interleukin 1 receptor accessory protein-like 1	1.71	2.68	1.45	16.7
GLRX2	glutaredoxin 2	8.17	12.8	8.08	9.56
DCLRE1B	DNA cross-link repair 1B	2.45	3.83	2.25	1.2
SORD	sorbitol dehydrogenase	51.2	80	45.7	3.2
TRPV6	transient receptor potential cation channel, subfamily V, member 6	5.86	9.15	5.28	4.27
PARPBP	PARP1 binding protein	1.66	2.59	1.83	32
GINS1	GINS complex subunit 1 (Psf1 homolog)	3.45	5.38	3.3	8
SERPINE2	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2	2.02	3.15	2.28	1.21
RFC3	replication factor C (activator 1) 3, 38kDa	2.79	4.35	2.86	6.04
OAS3	2'-5'-oligoadenylate synthetase 3, 100kDa	2.54	3.96	2.19	4.17

HOMER2	homer homolog 2 (Drosophila)	7.12	11.1	6.73	7.75
WNT7B	wingless-type MMTV integration site family, member 7B	5.25	8.18	4.89	1.99
GALNT7	polypeptide N-acetylgalactosaminyltransferase 7	5.4	8.41	4.38	0.0567
GINS3	GINS complex subunit 3 (Psf3 homolog)	2.21	3.44	2.04	0.216
CAMK2D	calcium/calmodulin-dependent protein kinase II delta	2.99	4.65	2.81	0.342
MTFP1	mitochondrial fission process 1	2.98	4.63	2.7	11.8
TNFAIP8	tumor necrosis factor, alpha-induced protein 8	2.48	3.85	2.2	3.61
ALDH1A3	aldehyde dehydrogenase 1 family, member A3	9.6	14.9	9.21	0.232
BTG1	B-cell translocation gene 1, anti-proliferative	20.9	32.4	18.2	5.85
LOC150776	sphingomyelin phosphodiesterase 4, neutral membrane (neutral sphingomyelinase-3) pseudogene	1.82	2.82	2.3	1.71
TRIM36	tripartite motif containing 36	3.5	5.41	3.32	10.4
HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	10.5	16.2	9.11	6.69
LOC100507424	uncharacterized LOC100507424	5.34	8.23	5.96	2.28
PMCH	pro-melanin-concentrating hormone	1.36	2.09	1.34	168
CKS2	CDC28 protein kinase regulatory subunit 2	13.7	21	11.8	2.81
RAB6C	RAB6C, member RAS oncogene family	1.69	2.59	1.75	6.33
TMSB15A	thymosin beta 15a	1.9	2.91	2.08	77.3
LOC100289533	uncharacterized LOC100289533	1.63	2.49	2.19	1.26

PRR15L	proline rich 15-like	23.9	36.5	20.8	60.4
CAMKK2	calcium/calmodulin-dependent protein kinase kinase 2, beta	16.9	25.8	15.8	2.63
MYC	v-myc avian myelocytomatosis viral oncogene homolog	43.6	66.5	38.1	1.07
LIN9	lin-9 DREAM MuvB core complex component	1.74	2.65	1.84	4.13
NETO2	neuropilin (NRP) and tolloid (TLL)-like 2	11.9	18.1	11.3	41.9
ANKH	ANKH inorganic pyrophosphate transport regulator	13.7	20.8	12.6	7.36
LMNB1	lamin B1	11.2	17	10.1	1.18
SNORA7A	small nucleolar RNA, H/ACA box 7A	2.69	4.08	5.7	4.15
SLC2A12	solute carrier family 2 (facilitated glucose transporter), member 12	11.9	18	9.85	0.843
CRYM	crystallin, mu	3.17	4.79	2.51	16.8
CROT	carnitine O-octanoyltransferase	6.15	9.28	5.72	2.61
SPAG5	sperm associated antigen 5	5.39	8.13	4.91	27.4
TACC3	transforming, acidic coiled-coil containing protein 3	9.35	14.1	9.55	2.67
TMPO-AS1	TMPO antisense RNA 1	2.76	4.16	2.52	0.378
RNASEH2A	ribonuclease H2, subunit A	13.9	20.9	12.7	0.175
LOC101929647	uncharacterized LOC101929647	1.83	2.75	3.3	0.671
CDK1	cyclin-dependent kinase 1	13.4	20.1	12	6.53
FAT1	FAT atypical cadherin 1	17	25.5	17	10.6
MCM8	minichromosome maintenance complex component 8	3.68	5.52	3.4	16
FSTL1	folliculin-like 1	51.6	77.3	43.5	9.51
MPHOSPH9	M-phase phosphoprotein 9	4.68	7	4.41	8.1
KIF22	kinesin family member	15.4	23	13.6	12.9

	22				
RAD54B	RAD54 homolog B (<i>S. cerevisiae</i>)	2.38	3.54	2.4	64
HGD	homogentisate 1,2-dioxygenase	11.5	17.1	10.1	2.12
KIAA1524	KIAA1524	1.53	2.27	1.4	0.274
RLN1	relaxin 1	18.2	27	16.9	40.2
TRNS2	tRNA-Ser	32.5	48.2	54.2	32.1
C1orf21	chromosome 1 open reading frame 21	6.88	10.2	6.69	11.7
OIP5	Opa interacting protein 5	2.24	3.32	1.96	7.12
ZNF589	zinc finger protein 589	5.38	7.97	5.44	76
SLC29A1	solute carrier family 29 (equilibrative nucleoside transporter), member 1	5.47	8.09	5.29	5.54
CTPS1	CTP synthase 1	6.28	9.28	6.67	0.331
ZNF93	zinc finger protein 93	1.47	2.17	1.35	10.5
PEX10	peroxisomal biogenesis factor 10	44	64.9	41.8	11.2
LOC101927204	uncharacterized LOC101927204	7.19	10.6	7.16	1.2
RAB27A	RAB27A, member RAS oncogene family	5.43	7.99	5.11	1.47
PSRC1	proline/serine-rich coiled-coil 1	1.53	2.25	1.48	1.53
MPC2	mitochondrial pyruvate carrier 2	82.3	121	76.5	17
CDT1	chromatin licensing and DNA replication factor 1	6.04	8.83	5.71	3.14
SLC25A37	solute carrier family 25 (mitochondrial iron transporter), member 37	11.7	17.1	11.9	10.5
PRIM1	primase, DNA, polypeptide 1 (49kDa)	4.09	5.97	4.02	22.4
MCCC2		69.9	102	62.9	2.81
PSD3	pleckstrin and Sec7 domain containing 3	1.57	2.29	1.62	0.863
TRIP13	thyroid hormone receptor interactor 13	3.73	5.44	2.99	19.3
REPS2	RALBP1 associated Eps domain containing 2	5.57	8.12	5.48	0.0899
PDIA5	protein disulfide isomerase family A,	19.3	28.1	17.1	103

	member 5				
EMP2	epithelial membrane protein 2	2.77	4.03	2.15	2.29
RFC5	replication factor C (activator 1) 5, 36.5kDa	6.53	9.49	5.95	19.8
PCNA-AS1	PCNA antisense RNA 1	42.8	62.2	36.6	7.42
LOC81691	exonuclease NEF-sp	2.98	4.33	3.05	4.42
TEX2	testis expressed 2	23.5	34.1	23.1	7.38
BBS4	Bardet-Biedl syndrome 4	28.4	41.2	28.3	1.71
GPC6		3.04	4.41	2.72	0.879
EZH2	enhancer of zeste 2 polycomb repressive complex 2 subunit	3.47	5.03	3.61	8.04
HAUS8	HAUS augmin-like complex, subunit 8	2.59	3.75	2.15	33.8
PTPRJ	protein tyrosine phosphatase, receptor type, J	3.62	5.24	3.17	2.79
VRK1	vaccinia related kinase 1	5.7	8.25	5.88	6.21
FRK	fyn-related Src family tyrosine kinase	1.73	2.5	1.7	1.64
NCAPG2	non-SMC condensin II complex, subunit G2	3.65	5.26	3.62	11.7
RN7SL1	RNA, 7SL, cytoplasmic 1	24.5	35.3	33.9	3.87
HMGB2	high mobility group box 2	12.3	17.7	11.6	7.82
PPFIBP2	PTPRF interacting protein, binding protein 2 (liprin beta 2)	3.5	5.03	3.38	33.9
TONSL	tonsoku-like, DNA repair protein	5.13	7.36	4.85	14.1
CCDC152	coiled-coil domain containing 152	15.9	22.8	15.6	5.6
FANCD2	Fanconi anemia, complementation group D2	2.56	3.67	2.37	4.49
SLC19A2	solute carrier family 19 (thiamine transporter), member 2	13.2	18.9	11.6	4.55
TMPO	thymopoietin	7.2	10.3	6.71	28.6
MCM6	minichromosome maintenance complex component 6	12.8	18.3	11.8	13.7

S1PR3	sphingosine-1-phosphate receptor 3	2.67	3.81	2.38	1.98
NRARP	NOTCH-regulated ankyrin repeat protein	5.93	8.46	5.31	0.737
TCOF1	Treacher Collins-Franceschetti syndrome 1	4.23	6.03	3.47	76.8
MYCBP2	MYC binding protein 2, E3 ubiquitin protein ligase	8.14	11.6	7.95	5.74
UAP1	UDP-N-acetylglucosamine pyrophosphorylase 1	34.6	49.3	32.3	1.64
CENPH	centromere protein H	4.27	6.08	4.44	66.2
LOC102724456	uncharacterized LOC102724456	5.43	7.73	7.7	1.85
COL4A5	collagen, type IV, alpha 5	19.6	27.9	19.7	3.88
PTGR1	prostaglandin reductase 1	24.8	35.2	22.4	11.4
CDKN3	cyclin-dependent kinase inhibitor 3	2.37	3.35	2.04	56.8
LOC102723786	uncharacterized LOC102723786	1.94	2.74	2.68	13.2
PDE9A	phosphodiesterase 9A	8.64	12.2	7.62	36.6
L3MBTL3	l(3)mbt-like 3 (Drosophila)	1.61	2.27	1.49	3.63
ZMIZ1	zinc finger, MIZ-type containing 1	27.1	38.1	24.9	80.5
FBXO5	F-box protein 5	2.73	3.83	2.71	5.63
RACGAP1	Rac GTPase activating protein 1	4.08	5.7	3.88	0.27
DEGS1	delta(4)-desaturase, sphingolipid 1	205	284	181	30.2
PAK1IP1	PAK1 interacting protein 1	7.28	10	7.34	139
RAB3B	RAB3B, member RAS oncogene family	5.68	7.75	5.6	3.77
SUV39H2	suppressor of variegation 3-9 homolog 2 (Drosophila)	2.67	3.63	2.53	30.9
LYAR	Ly1 antibody reactive	6.21	8.39	5.66	5.87
FSBP	fibrinogen silencer binding protein	1.66	2.16	1.61	1.42

Supplementary Table 2 The CBP/p300 bromodomain is required for androgen stimulated gene expression and growth.

LNCaP cells were deprived of androgen for 5 days, and then stimulated with 0.1nM R1881 for 24h ± 1 uM Enzalutamide or GNE-049.

Gene expression was then evaluated by RNA seq, N=3.

Table shows all genes up-regulated 1.5 fold or more by R1881 treatment, along with their mean expression in each treatment.