

Supplementary Table 2:

Supplementary Table 2: AZD5363 activity in prostate cancer cell lines *in vitro* (3 day MTS assay)

Cell Line	Derivation	AR	AR genetics	Androgen dependence	PTEN	GI50 (mM)
LNCaP	Prostate cancer lymph node metastasis	+	T877A	Dependent	-	0.1
22RV1	Prostate cancer: derived from CWR22 Xenograft after castration	+	H874Y, L57Q (exon 3 dup and LBD deletion)	Independent	+	3
DU145	Prostate cancer brain metastasis	-	WT	Independent	+	>20
PC3	Prostate cancer bone metastasis	-	WT	Independent	-	5
PC346-Flu1	Prostate cancer; derived from PC346C cell line after long term culture in charcoal stripped serum and Flutamide	+	WT Amplified	Independent	-	0.1
VCAP	Prostate cancer vertebra metastasis	+	WT Amplified	Dependent	+	0.4
LAPC4	Prostate cancer LN metastasis	+	WT	Independent	+	0.02
RWPE-1	Normal Prostate epithelial cells immortalised with HPV-18	+ (low)		Dependent	+	>20
BPH1	Benign Prostatic Hyperplasia	-			+	14