

Table S2. AR backsplice junctions in circRNA databases

Databases	Chr	Start	End	Gene	ExonStart-ExonEnd	Samples
MiOncoCirc (Josh NV <i>et al.</i> , 2019)	chrX	67711401	67717622	AR	E4-E5	PRAD
	chrX	67643255	67686126	AR	E2-E3	VCaP, PRAD, BRCA, LMSARC
	chrX	67643255	67643407	AR	E2	VCaP, PRAD, BRCA, THCA
	chrX	67711401	67711689	AR	E4	VCaP, PRAD, BRCA
	chrX	67686009	67711689	AR	E3-E4	VCaP, PRAD, BRCA
	chrX	67711401	67722984	AR	E4-E7	PRAD
	chrX	67680719	67686126	AR	CE4-E3	22Rv1, PRAD
	chrX	67643255	67711689	AR	E2-E4	VCaP, PRAD
	chrX	67717477	67721963	AR	E5-E6	Unknown
	chrX	67686009	67686126	AR	E3	22Rv1, PRAD
	chrX	67643255	67681003	AR	E2-CE4	Unknown
	chrX	67643255	67717622	AR	E2-E5	PRAD
	chrX	67686009	67717622	AR	E3-E5	VCaP
	chrX	67685940	67686126	AR	Intron2-E3	Unknown
	chrX	67686009	67721963	AR	E3-E6	Unknown
	chrX	67643255	67722984	AR	E2-E7	PRAD
chrX	67711401	67721963	AR	E4-E6	Unknown	
CIRCpedia (Rui D <i>et al.</i> , 2018)	chrX	67643255	67643407	AR	E2	Hs68, HUVEC, H9, A549
	chrX	67643255	67686126	AR	E2-E3	A549, Liver
	chrX	67686009	67686126	AR	E3	H1, Liver
	chrX	67686009	67711689	AR	E3-E4	Liver
	chrX	67711401	67711689	AR	E4	Liver
	chrX	67711401	67722984	AR	E4-E8	Liver
circBase (Glažar P <i>et al.</i> , 2014)	chrX	67568840	67730619	AR	Inside Intron1-E8	H1hesc
	chrX	67643255	67643407	AR	E2	HUVEC
	chrX	67643255	67717622	AR	E2-E5	H1-hESC
	chrX	67686009	67686126	AR	E3	H1-hESC
cancer-specific circRNA database (CSCD) (Xia S <i>et al.</i> , 2018)	chrX	67686009	67711689	AR	E3-E4	SJCRH30, SJSA1
	chrX	67728422	67729278	AR	Inside exon 8	A549
	chrX	67725204	67725536	AR	Inside exon 8	HT1080
	chrX	67553838	67647006	AR	Inside Intron1-Intron2	RPMI-7951
circRNADb (Chen X <i>et al.</i> , 2016)	chrX	67643255	67643407	AR	E2	H9 hESCs
CirInteractome (Dudekula DB <i>et al.</i> , 2016)	chrX	67568840	67730619	AR	Inside Intron1-E8	H1-hESC
	chrX	67643255	67643407	AR	E2	HUVEC
	chrX	67643255	67717622	AR	E2-E5	H1-hESC
	chrX	67686009	67686126	AR	E3	H1-hESC

PRAD: prostate adenocarcinoma; BRCA: breast carcinoma; LMSARC: Leiomyosarcoma; THCA: thyroid gland medullary carcinoma; other samples: cell lines or liver