

**Table 2** Regionalized gene expression in the adult non-primate epididymis: genes encoding cellular proteins

Gene	Species	Tissue	Region	mRNA (kb)	Protein (kDa)	AR/TR	Identity	Reference
ER $\alpha$	rat	many	ED, IS	6.6	67	ND	estrogen receptor $\alpha$ / transcription factor	Hess et al., 1997a
PEA3	mouse	epididymis brain	IS	2.2, 4.2	62	AR/TR	polyomavirus enhancer 3 transcription factor	Xin et al., 1992
A-raf	mouse	many	IS	2.6, 4.3	72	ND	serine threonine kinase	Winer et al., 1993
EAP1/	rat	epididymis	IS, p. caput	4.0	89	AR/TR	desintegrin and metalloprotease	Perry et al., 1992; Cornwall and Hsia, 1997
Adam7	mouse	pituitary						
B-myc	mouse	many	IS, p.caput	1.3	32	AR/TR	transcription factor	Cornwall et al., 2001
C/EBP $\beta$	mouse	many	IS, p. caput	1.8	32	no	CCAAT/enhancer binding protein $\beta$ /transcription factor	Hsia and Cornwall, 2000
5 $\alpha$ -red	rat	many	IS, caput	2.5	28	AR/TR	5 $\alpha$ -reductase	Viger and Robaire, 1996
c-ros	mouse	epididymis	IS, caput	8.3	260	ND	receptor tyrosine kinase	Sonnenberg-Riethmacher et al., 1996
RAR $\alpha$	rat	many	IS, caput, cauda	3.4, 2.7	51	ND	retinoic acid receptor $\alpha$ / transcription factor	Akmal et al., 1996
Pem	mouse	many	p. caput	0.85	23	AR/TR	homeobox transcription factor	Pitman et al., 1998
Angio- tensinogen	rat	many	corpus, cauda	1.8	56, 60	AR	vasoactive peptide precursor/ electrolyte regulation	Leung et al., 1999
CRBP	rat	many	caput	0.7	14	ND	cellular retinol binding protein	Rajan et al., 1990
CE9	dog	epididymis	caput	1.2	30	ND	multiple transmembrane protein	Gebhardt et al., 1999
AR	rat	many	caput, corpus	10	98	AR	androgen receptor/ transcription factor	Viger and Robaire, 1995
CAII-IV	rat	many	corpus	1.7, 1.2	29, 39	AR	carbonic anhydrase	Kaunisto et al., 1999
c-fos	mouse	many	corpus, cauda	2.0	69	ND	transcription factor	Hsia and Cornwall, unpub. Observ.

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### References

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