

**Table S2. The sequence identity of four retinoids binding proteins**

Protein name	RBP	ERABP	CRBP	CRABP
PDB ID	1brp	1epb	1crb	1cbs
Amino acid number	182AA	164 AA	134 AA	137 AA
RBP	-			
ERABP	21.9%	-		
CRBP	9.34%	12.8%	-	
CRABP	13.74%	15.85%	41.84%	-