

Homo_sapiens	1	- - - - - MQLRNPELHLGCALALRFLALVS	23					
Coffea_arabica	1	- - - - - MVKSPGT	7					
Oryza_sativa	1	SSPPSPRLLLLLLVAVAATLLPEAAALGNFTAESRGARWR	40					
Homo_sapiens	24	WDIPGARALDNGLARTPTMGWLHWERFMCNLDCQEEP	DSC 63					
Coffea_arabica	8	EDYTRRSLLANGLGLTPPMGWNSWNHFR	CN - - - - - 37					
Oryza_sativa	41	SRRARRRAFENGLGRTPQMGWNSWNHFYCG	- - - - - 70					
Homo_sapiens	64	ISEKLFMEMAELMVSEGWKDAGYEYLCIDDCWMA	PQRDSE 103					
Coffea_arabica	38	LDEKLIRETADAMVSKGLAALGYKYINLDDCWAEL	NRDSQ 77					
Oryza_sativa	71	INEQIIRETADALVNTGLAKLGYQYVNIDDCWAEYS	RDSQ 110					
Homo_sapiens	104	GRLQADPQRFPHGIRQLANYVHSGKLKLG	IYADVGNKTCA 143					
Coffea_arabica	78	GNLVPKGSTFPSGIKALADYVHSGKLKLG	IYSDAGTQTCS 117					
Oryza_sativa	111	GNFVPNRQTFPSGIKALADYVHAKGLKLG	IYSDAGSQTCS 150					
Homo_sapiens	144	G-FPGSFGYYDIDAQTFADWGV	LDLLKFDGCYCD	SLENLAD 182				
Coffea_arabica	118	KTMPGSLGHEEQDAKTFASWGV	DYLYDNCNNNNI	SPKER 157				
Oryza_sativa	151	NKMPGSLDHEEQDVKTFA	SWGV	DYLYDNCNDAGRSV	MER 190			
Homo_sapiens	183	GYKHMSLALNRTGRSIVYS	-CEW	PLYMWP	FQKPNYTE	IRQ 221		
Coffea_arabica	158	-YPIMSKALLNSGRS	IFFSL	CEW	GE	- - - - -EDPATWAKE 190		
Oryza_sativa	191	-YTRMSNAMKTYGKN	IFFSL	CEW	GK	- - - - -ENPATWAGR 223		
Homo_sapiens	222	YCNHWRNFADIDDSWKS	IKS	ILDWT	SFNQER	IVDVAGPGG 261		
Coffea_arabica	191	VGNSWRTTGDIDDSWSSMT	SRADMN	- - - -	DKWASYAGPGG 226			
Oryza_sativa	224	MGNSWRTTGD	IADNWGSMT	SRADEN	- - - -	DQWAAYAGPGG 259		
Homo_sapiens	262	WNPDMLVIGNFGLSWNQ	QVTQMALWA	IMAAP	LFMSNDLR 301			
Coffea_arabica	227	WNPDMLEVGNGG	MTTTEYRSHFS	IWALAKAPLL	IGCDIR 266			
Oryza_sativa	260	WNPDMLEVGNGG	MSEAEYRSHFS	IWALAKAPLL	IGCDVR 299			
Homo_sapiens	302	HISPQAKALLQDKDVIA	INQDPLGKQGYQL	RQGD	NFEVWE 341			
Coffea_arabica	267	SMDGATFQLLSNAEVI	AVNQDKLG	VQGNKV	KTYGDL	EVWA 306		
Oryza_sativa	300	SMSQQTKNILSNSEVI	AVNQDSL	GVQGGK	KVQSDN	GLEVWA 339		
Homo_sapiens	342	RPLSGLAWAVAMINRQE	IGGPRSYT	IAVASLGKGV	ACNPA 381			
Coffea_arabica	307	GPLSGKRVAVALWNRGS	STAT	- - - -	ITAYWSDVGLP	STAV 342		
Oryza_sativa	340	GPLSNNRKAVVLWNRQ	SYQAT	- - - -	ITAHWSNIGLAG	SVA 375		
Homo_sapiens	382	CFITQLLPVKRKLGFYEWTSRLRSH	INPTGT	VLLQLENTM 421				
Coffea_arabica	343	VNARDLWAHSTEKSVKGQ	IS	- - -	AAVDAHDSKMY	VLT	TPQ - 378	
Oryza_sativa	376	VTARDLWAHSSFA	-AQQQ	IS	- - -	ASVAPHDCKMY	VLT	PN - 410
Homo_sapiens	422	QMSLKDLL						429
Coffea_arabica		- - - - -						
Oryza_sativa		- - - - -						

Suppl Fig. (1). Comparison in the amino acid sequences of GLAs from human, green coffee bean, and rice. The conserved CEW sequence is highlighted.