

Supplementary Table S1: Sequence identity (%) among the twenty GeBP proteins of *Brassica rapa*.

PROTEIN	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
BrGeBP1(A)	100																			
BrGeBP2(B)	32.29	100																		
BrGeBP3(C)	36.36	39.25	100																	
BrGeBP4(D)	30.19	27.18	29	100																
BrGeBP5(E)	31.97	35.14	70.62	29.70	100															
BrGeBP6(F)	35.85	42.45	34.03	30.43	30.80	100														
BrGeBP7(G)	39.25	44.66	32.18	36.67	29.52	37.32	100													
BrGeBP8(H)	32.68	46.36	31.02	31.53	30.20	46.00	43.20	100												
BrGeBP9(I)	38.53	46.24	31.88	36.67	28.95	43.43	60.42	40.75	100											
BrGeBP10(J)	33.91	43.75	33.03	26.09	28.64	34.06	36.54	34.50	37.23	100										
BrGeBP11(K)	32.86	36.47	26.14	-	27.27	36.50	30.04	40.70	34.22	62.01	100									
BrGeBP12(L)	31.48	38.24	32.35	25.48	31.37	45.05	31.37	30.28	33.09	64.81	61.21	100								
BrGeBP13(M)	38.05	44.55	34.22	38.89	30.98	38.01	63.72	41.39	67.54	35.56	28.00	31.82	100							
BrGeBP14(N)	29.82	37.96	26.93	33.33	29.21	36.63	40.56	33.72	39.21	31.11	27.92	28.62	43.09	100						
BrGeBP15(O)	36.30	37.96	30.17	25.44	30.24	34.92	43.70	33.53	39.27	32.89	26.73	29.80	43.61	93.37	100					
BrGeBP16(P)	56.39	60.00	31.48	-	44.44	44.44	34.43	29.11	50.00	-	-	-	30.30	27.78	55.00	100				
BrGeBP17(Q)	37.29	49.19	28.97	34.41	32.71	40.29	37.16	47.56	34.47	39.52	40.00	36.99	35.41	41.09	43.09	46.67	100			
BrGeBP18(R)	28.28	29.47	31.43	28.16	30.10	26.74	29.90	29.29	28.57	27.37	-	25.74	27.93	26.36	26.07	-	32.14	100		
BrGeBP19(S)	50.90	33.33	26.37	-	24.52	25.27	22.14	25.98	23.47	26.23	32.56	24.39	20.67	33.65	60.00	49.40	28.74	33.33	100	
BrGeBP20(T)	66.06	32.99	36.04	28.24	36.04	31.54	40.74	35.14	39.13	33.62	34.29	32.11	39.82	34.92	34.68	46.85	36.13	29.00	56.15	100