

Supplemental table 1. Comparisons of amino acid sequences between the XB3-related proteins from rice and Arabidopsis

	XB3	XBOS31	XBOS32	XBOS33	XBOS34	XBOS35	XBOS36	XBAT31	XBAT32	XBAT33	XBAT34	XBAT35
XB3	---											
XBOS31	69, 76	---										
XBOS32	33, 41	32, 38	---									
XBOS33	34, 42	36, 43	55, 59	---								
XBOS34	24, 28	25, 34	24, 43	18, 35	---							
XBOS35	36, 42	32, 39	62, 68	49, 54	20, 31	---						
XBOS36	35, 42	33, 39	52, 57	54, 59	22, 25	47, 55	---					
XBAT31	67, 73	60, 68	33, 39	32, 40	30, 30	35, 41	33, 39	---				
XBAT32	33, 38	30, 35	64, 69	50, 55	17, 17	57, 63	47, 54	30, 35	---			
XBAT33	34, 42	32, 38	54, 61	65, 72	22, 27	50, 57	56, 62	32, 39	51, 58	---		
XBAT34	24, 31	26, 32	33, 33	24, 30	49, 57	23, 30	24, 31	27, 34	24, 30	23, 29	---	
XBAT35	23, 31	22, 30	15, 35	19, 30	59, 64	31, 38	21, 24	30, 50	23, 23	20, 30	68, 73	---

(Left: identity; right: similarity)