

Figure S4. Multiple sequence alignment (CLUSTAL 0(1.2.2)) of *A. terreus* MUCL38669 VosA splice variants with predicted protein domains as indicated.

		pfam11754 Velvet	
VosA-alpha 430aa	MSASTFSDASLARDPQSSEFDLIIRQQPTRARVAGGKEKERKPVDPPIVQIRVKEDGTY	60	
VosA-beta 350aa	MSASTFSDASLARDPQSSEFDLIIRQQPTRARVAGGKEKERKPVDPPIVQIRVKEDGTY	60	
VosA-gamma 348aa	MSASTFSDASLARDPQSSEFDLIIRQQPTRARVAGGKEKERKPVDPPIVQIRVKEDGTY	60	
VosA-delta 140aa	MSASTFSDASLARDPQSSEFDLIIRQQPTRARVAGGKEKERKPVDPPIVQIRVKEDGTY	60	
VosA-epsilon 418aa	-----MLSPSEFDLIIRQQPTRARVAGGKEKERKPVDPPIVQIRVKEDGTY	48	
VosA-zeta 338aa	-----MLSPSEFDLIIRQQPTRARVAGGKEKERKPVDPPIVQIRVKEDGTY	48	
VosA-eta 336aa	-----MLSPSEFDLIIRQQPTRARVAGGKEKERKPVDPPIVQIRVKEDGTY	48	
VosA-theta 128aa	-----MLSPSEFDLIIRQQPTRARVAGGKEKERKPVDPPIVQIRVKEDGTY	48	

	pfam11754 Velvet		
VosA-alpha 430aa	LASHYLQSPYYFMCCSLYDATEDTPVPVPPSTALTGTLVSSLHRLKVDNTDGGFFVFGD	120	
VosA-beta 350aa	LASHYLQSPYYFMCCSLYDATEDTPVPVPPSTALTGTLVSSLHRLKVDNTDGGFFVFGD	120	
VosA-gamma 348aa	LASHYLQSPYYFMCCSLYDATEDTPVPVPPSTALTGTLVSSLHRLKVDNTDGGFFVFGD	120	
VosA-delta 140aa	LASHYLQSPYYFMCCSLYDATEDTPVPVPPSTALTGTLVSSLHRLKVDNTDGGFFVFGD	120	
VosA-epsilon 418aa	LASHYLQSPYYFMCCSLYDATEDTPVPVPPSTALTGTLVSSLHRLKVDNTDGGFFVFGD	108	
VosA-zeta 338aa	LASHYLQSPYYFMCCSLYDATEDTPVPVPPSTALTGTLVSSLHRLKVDNTDGGFFVFGD	108	
VosA-eta 336aa	LASHYLQSPYYFMCCSLYDATEDTPVPVPPSTALTGTLVSSLHRLKVDNTDGGFFVFGD	108	
VosA-theta 128aa	LASHYLQSPYYFMCCSLYDATEDTPVPVPPSTALTGTLVSSLHRLKVDNTDGGFFVFGD	108	

	pfam11754 Velvet		
VosA-alpha 430aa	LSVKIEGDFRLKFTLFEMRKEMVYYLKSIIISERFTVSPPKSFPGMAESTFLSRSFADQGV	180	
VosA-beta 350aa	LSVKIEGDFRLKFTLFEMRKEMVYYLKSIIISERFTVSPPKSFPGMAESTFLSRSFADQGV	180	
VosA-gamma 348aa	LSVKIEGDFRLKFTLFEMRKEMVYYLKSIIISERFTVSPPKSFPGMAESTFLSRSFADQGV	180	
VosA-delta 140aa	LSVKIEGDFRLKFTLFEMRK-----	140	
VosA-epsilon 418aa	LSVKIEGDFRLKFTLFEMRKEMVYYLKSIIISERFTVSPPKSFPGMAESTFLSRSFADQGV	168	
VosA-zeta 338aa	LSVKIEGDFRLKFTLFEMRKEMVYYLKSIIISERFTVSPPKSFPGMAESTFLSRSFADQGV	168	
VosA-eta 336aa	LSVKIEGDFRLKFTLFEMRKEMVYYLKSIIISERFTVSPPKSFPGMAESTFLSRSFADQGV	168	
VosA-theta 128aa	LSVKIEGDFRLKFTLFEMRK-----	128	

	pfam11754 Velvet cl21454 NADB_Rossmann superfamily		
VosA-alpha 430aa	KLRIRKEPRTLIRKQVPRPEDYPQPLPPRSPDRISMQMPGSAFGGYPAAGRDYGYYSNPV	240	
VosA-beta 350aa	KLRIRKEPRTLIRKQVPRPEDYPQPLPPRSPDRISMQMPGSAFGGYPAAGRDYGYYSNPV	240	
VosA-gamma 348aa	KLRIRKEPRTLIRKQVPRPEDYPQPLPPRSPDRISMQMPGSAFGGYPAAGRDYGYYSNPV	240	
VosA-delta 140aa	-----	140	
VosA-epsilon 418aa	KLRIRKEPRTLIRKQVPRPEDYPQPLPPRSPDRISMQMPGSAFGGYPAAGRDYGYYSNPV	228	
VosA-zeta 338aa	KLRIRKEPRTLIRKQVPRPEDYPQPLPPRSPDRISMQMPGSAFGGYPAAGRDYGYYSNPV	228	
VosA-eta 336aa	KLRIRKEPRTLIRKQVPRPEDYPQPLPPRSPDRISMQMPGSAFGGYPAAGRDYGYYSNPV	228	
VosA-theta 128aa	-----	128	
	cl21454 NADB_Rossmann superfamily		
VosA-alpha 430aa	KRQRTSMDFGPRGVYDADGRMRQVEAYPQAAAMYSNPPGAYQTPMVPGYPTGHAGVPDYS	300	
VosA-beta 350aa	KRQRTSMDFGPRGVYDADGRMRQVEAYPQAAAMYSNPPGAYQTPMVPGYPTGHAGVPDYS	300	
VosA-gamma 348aa	KRQRTSMDFGPRGVYDADGRMRQVEAYPQAAAMYSNPPGAYQTPMVPGYPTGHAGVPDYS	300	
VosA-delta 140aa	-----	140	
VosA-epsilon 418aa	KRQRTSMDFGPRGVYDADGRMRQVEAYPQAAAMYSNPPGAYQTPMVPGYPTGHAGVPDYS	288	
VosA-zeta 338aa	KRQRTSMDFGPRGVYDADGRMRQVEAYPQAAAMYSNPPGAYQTPMVPGYPTGHAGVPDYS	288	
VosA-eta 336aa	KRQRTSMDFGPRGVYDADGRMRQVEAYPQAAAMYSNPPGAYQTPMVPGYPTGHAGVPDYS	288	
VosA-theta 128aa	-----	128	
	cl21454 NADB_Rossmann superfamily		
VosA-alpha 430aa	LSYGMSAQVPQMOPGAHGRSSQATMQPFGMANAPGTPADATGAMMQQGYPRGQYQTG	360	
VosA-beta 350aa	LSYGMSAQVPQMOPGAHGRSSQATMQPFGMANAPGTPFWDQQTRQER-----	350	
VosA-gamma 348aa	LSYGMSAQVPQMOPGAHGRSSQATMQPFGMANAPGTPVCIDSHVSD-----	348	
VosA-delta 140aa	-----	140	
VosA-epsilon 418aa	LSYGMSAQVPQMOPGAHGRSSQATMQPFGMANAPGTPADATGAMMQQGYPRGQYQTG	348	
VosA-zeta 338aa	LSYGMSAQVPQMOPGAHGRSSQATMQPFGMANAPGTPFWDQQTRQER-----	338	
VosA-eta 336aa	LSYGMSAQVPQMOPGAHGRSSQATMQPFGMANAPGTPVCIDSHVSD-----	336	
VosA-theta 128aa	-----	128	

VosA-alpha 430aa	STILPPLQRSRNITQGSNGTPTRGYYDQSSQAATPILPSQPIGTNEAERYGLAPGQTAYE	420
VosA-beta 350aa	-----	350
VosA-gamma 348aa	-----	348
VosA-delta 140aa	-----	140
VosA-epsilon 418aa	STILPPLQRSRNITQGSNGTPTRGYYDQSSQAATPILPSQPIGTNEAERYGLAPGQTAYE	408
VosA-zeta 338aa	-----	338
VosA-eta 336aa	-----	336
VosA-theta 128aa	-----	128

VosA-alpha 430aa	HPGSADGTPR	430
VosA-beta 350aa	-----	350
VosA-gamma 348aa	-----	348
VosA-delta 140aa	-----	140
VosA-epsilon 418aa	HPGSADGTPR	418
VosA-zeta 338aa	-----	338
VosA-eta 336aa	-----	336
VosA-theta 128aa	-----	128