

Figure 1

Alignment result of Sso7d variants

CLUSTAL 2.1 multiple sequence alignment

Sso7d/Ssh7A/SsoP2	MATVKFKYKGEEKEVDISKIKKVVVRVGKKMISFTYDEGGGKTGRGA ⁻ VSEKDAPKELLQMLE	60
Sssh7b	MVTVKFKYKGEEKEVDTSKI KKVWRVGKKMISFTYDEGGGKTGRGA ⁻ VSEKDAPKELLQMLE	60
Sto7e	MVTVKFKYKGEEKEVDISKIKKVVVRVGKKMISFTYDDNG-KTGRGA ⁻ VSEKDAPKELLQMLE	59
Sac7d	MVKVKFKYKGEEKEVDTSKI KKVWRVGKKMVSFYDDNG-KTGRGA ⁻ VSEKDAPKELLDMLA	59
Sac7e	MAKRVFKYKGEEKEVDTSKI KKVWRVGKKMVSFYDDNG-KTGRGA ⁻ VSEKDAPKELMDMLA	59
	..:***** *****;*****;. * *****:*** **	
Sso7d/Ssh7A/SsoP2	KQ-KK--	64
Sssh7b	KQ-KK--	64
Sto7e	KSGKK--	64
Sac7d	RAEREKK	66
Sac7e	RAEKKK-	65
	: : :	

Bolded and underlined K = K28

Bolded and underlined R = R43