




Test Alignment

SPS		
1aboA	.NLFV..ALYDFVASGDNTLSITKGEKLRV.....LGYN	31
1ycsB	KGVIY..ALWDYEPQNDDELPMEKGDGMTI.....IHRE	32
1pht	.GYQYRALYDYKKEREEDIDLHLGDILTVNKGSLVALGFS	39
1vieDRVRKKSG..AAWQGQIVGW.....YC	20
1ihvANFRVYYRDSRD..PVWKGPAKLL.....WK	23
consensus	** ** *	

TC	
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SPS		
1aboA	HNG.....EWCEA..QTKNGQGWVPSNYITPVN.....	57
1ycsB	DEDEI.....EWWA..RLNDKEGYVPRNLLGLYP.....	60
1pht	DGQEARPEEIGWLNNGYNETTGERGDFPGTYVEYIGRKKIS	79
1vie	TNLTP....EGYAVESEAHPGSVQIYPVAALERIN.....	51
1ihvA	GEG.....AVVIQ...DNSDIKVPPRRKAKIIRD....	49
consensus	* * ** *	

TC	
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SPS		
1aboA	.	57
1ycsB	.	60
1pht	P	80
1vie	.	51
1ihvA	.	49
consensus		

TC	
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Reference Alignment

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1aboA	.NLFV..ALYDFVASGDNTLSITKGEKLRV.....LGYN	31
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