

Figure S7. Multiple alignment of GH46 motif sequences.

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tr	D1XP65	D1XP65_9ACTO	DGRGYTAGIIGFCSGTG
tr	C9NEY0	C9NEY0_9ACTO	DGRGYTAGIIGFCSGTG
tr	Q82LJ5	Q82LJ5_STRAW	DGRGYTAGIIGFCSGTG
tr	Q9RJ88	Q9RJ88_STRCO	DGRGYTAGIIGFCSGTG
tr	C9E0E7	C9E0E7_STRLI	DGRGYTAGIIGFCSGTG
tr	A0AD68	A0AD68_STRAM	DGRGYTAGIIGFCSGTG
tr	B4VD22	B4VD22_9ACTO	DQRGYTAGIIGFCSGTG
tr	B1Q2K4	B1Q2K4_9ACTO	DGRGYTGGIIGFCSGTH
tr	B5GIH8	B5GIH8_9ACTO	DGRGYTAGIIGFCSGTG
tr	D2AW85	D2AW85_STRRD	DGRGYTAGIIGFCSGTG
tr	B5GRN3	B5GRN3_STRCL	DGRGYTAGVAGFCSGTG
tr	B5HRQ8	B5HRQ8_9ACTO	DGRGYTAGIIGFCSGTS
tr	C6WIU3	C6WIU3_ACTMD	DGRGYTAGIIGFCSGTG
tr	Q9LBG4	Q9LBG4_9PSEU	DGRGYTAGIIGFCSGTG
tr	A9WUI6	A9WUI6_RENSM	DDRGYTGGIIGFTSGTG
tr	C2BY78	C2BY78_LISGR	DGRGYTAGIIGFCSGTG
tr	D3J1N7	D3J1N7_9BURK	MG-GYTGGLIGFTSGTS
tr	C9NEX9	C9NEX9_9ACTO	DGRGYTAGIIGFCSGTG
tr	D1XP66	D1XP66_9ACTO	DGRGYTAGVIGFCSGTG
tr	B5HFR3	B5HFR3_STRPR	DGRGYTAGIIGFCSGTG
tr	Q8KZM5	Q8KZM5_9PSED	DGRGYTGGLIGFTSGTG
tr	A7KBW5	A7KBW5_9MICO	DGRGYTGGLIGFTSGTG
tr	Q7WT07	Q7WT07_9ACTO	DGRGYTAGIIGFCSGTG
tr	D1XSH1	D1XSH1_9ACTO	DNGYTAGIVGFCSGTN
tr	B5H4T0	B5H4T0_STRPR	DNGYTAGIIGFCSGTN
tr	Q82A68	Q82A68_STRAW	DGRGYTAGVIGFCTGTH
tr	A7Z8H9	A7Z8H9_BACA2	DGRGYTCGRAGFTTATG
tr	A0EQW7	A0EQW7_9BACI	DGRGYTCGRAGFTTATG
tr	Q9ET84	Q9ET84_BACAM	DGRGYTCGRAGFTTATG
tr	B9W6G0	B9W6G0_BACSU	DGRGYTCGRAGFTTATG
tr	D0FHB6	D0FHB6_BACSU	DGRGYTCGRAGFTTATG
tr	Q0PVM7	Q0PVM7_BACAM	DGRGYTCGRAGFTTATG
tr	O24825	O24825_9BACL	DERGYSIGLIFGATTGGP
tr	Q2PWA1	Q2PWA1_9BACL	DDRGYTIIVLFGATTGGS
tr	Q7NR53	Q7NR53_CHRVO	DKRGYTIIGLIFGATTGGP
tr	Q9XDS6	Q9XDS6_BURGA	DDRGYTMGIFGATTGGP
tr	Q7M0I1	Q7M0I1_BACCO	DQPAYPFAIGGASADGG
tr	Q8VU68	Q8VU68_BACCO	GQPAYPFAIGGASADGG
tr	A7RBE5	A7RBE5_PBCVA	DGRGWTVTLYGACSGTG
tr	A7IWR8	A7IWR8_PBCVN	DGRGWTVTLYGACSGTG
tr	Q84608	Q84608_PBCV1	DGRGWTVTIYGACSGTG
tr	O12288	O12288_9PHYC	DGRGWTVTIYGACSGTG
tr	A7J6E1	A7J6E1_PBCVF	DGRGWTVTIYGACSGTG
tr	A7ITH1	A7ITH1_PBCVM	DGRGWTVTIYGACSGTG
tr	A7K8G4	A7K8G4_9PHYC	DGRGWTVTLYGACSGTG
tr	B2J4Y1	B2J4Y1_NOSP7	DGRGVTIIGIYGATTCKG