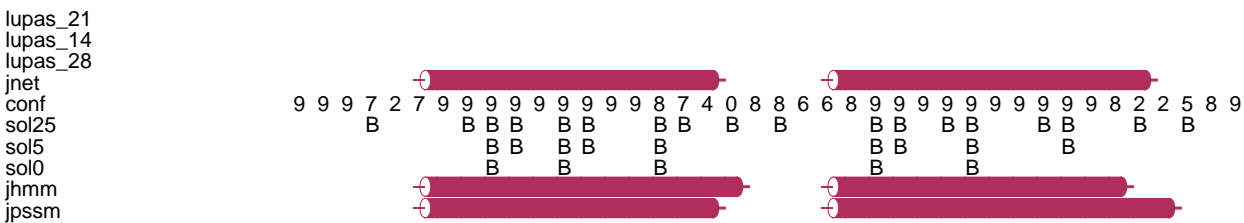


Multi-sequence alignment of UniRef90 and QUERY sequences. Columns are numbered 1, 10, 20, 30, and 40. Amino acid residues are shown in uppercase letters, with conserved residues highlighted in yellow, green, and red. Gaps are indicated by dashes.



QUERY	
UniRef90_Q7WY62	K I
UniRef90_UPI000248DCC4	I I
UniRef90_M5JI06	K L
UniRef90_D3FXI4	K I
UniRef90_Q8EPU6	K I
UniRef90_A6CS21	R I
UniRef90_L5N421	R L
UniRef90_I3EAR3	K I
UniRef90_K6DTT5	K L
UniRef90_M1Z404	
UniRef90_N0AWJ6	K I
UniRef90_X0RB51	K I
UniRef90_I8UEB6	R L
UniRef90_K0J3Q9	M L
UniRef90_A0A015LXZ4	
UniRef90_D5DMR5	
UniRef90_Q9KD96	K L
UniRef90_U4WPN2	
UniRef90_L0EGN8	
UniRef90_Q5WIV5	
UniRef90_G9QPY6	
UniRef90_E6TWO6	K
UniRef90_B5V681	K L
UniRef90_W4F729	K V
UniRef90_N4WTE5	
UniRef90_Q9K7P9	
UniRef90_UPI00035DC727	
UniRef90_UPI000288CE88	
UniRef90_W8Z082	
UniRef90_X0REH8	
UniRef90_E0IFS5	
UniRef90_U1X3S6	
UniRef90_UPI0003792499	
UniRef90_E6TUS7	K V
UniRef90_S9TBE7	
UniRef90_C6J0V4	
UniRef90_W4CKB5	
UniRef90_UPI00036F26E0	
UniRef90_I0JP72	
UniRef90_V6MCHO	
UniRef90_UPI000289922B	
UniRef90_Q9KDA9	
UniRef90_H3SDF5	
UniRef90_W4EG96	
UniRef90_W2E894	
UniRef90_U6SP11	
UniRef90_U1WXM6	
UniRef90_F5LQP6	
UniRef90_M5QUE1	
UniRef90_F8FHH0	
UniRef90_UPI0003677CEB	R L
UniRef90_W7ZEF4	
UniRef90_L0EIL2	K
UniRef90_UPI00047178B7	
UniRef90_A0A024PMR5	
UniRef90_D3EHJ0	

lupas_21	
lupas_14	
lupas_28	
jnet	
conf	9 9
sol25	
sol5	
sol0	
jhmm	
jpssm	