>Ppa\_RAD-51

MSAQMAHVDADVENEENAGLACQSIMSLEQRGFVKGDLNKLKEAGYHTIEAIAFATRKELIAVKGISEQKAERLQTEAYKLCPMGFTTASEMHARRADMVQIRTGSQALDQLLGGGIETGSITELFGEYRTGKSQICHSLAVICQLPIDMGGAEGKCMWIDTENTFRPERIVAAAQRFGMDPSSVLENVAIARCYNSEHQFHLSVAAAAMMSESRYALLIVDSATGLFRADYNGRGELANRQMALGRFMRQLMKLADQFGIAVVITNQVVSQVDGGAMFQADAKKPIGGHIVAHASTTRLGLRKGKGENRVCKVHQSPCLAEGEATFSITTTGIEDGKDN

>Cele\_RAD-51

MGQSWGYEGIAKRSLCTHKWLYNLNLHSINLFLPIESKMSAQASRQKKSDQEQRAADQALLNAAIEDNAMEQDENFTVIDKLESSGISSGDISKLKEAGYYTYESLAFTTRRELRNVKGISDQKAEKIMKEAMKFVQMGFTTGAEVHVKRSQLVQIRTGSASLDRLLGGGIETGSITEVYGEYRTGKTQLCHSLAVLCQLPIDMGGGEGKCMYIDTNATFRPERIIAIAQRYNMDSAHVLENIAVARAYNSEHLMALIIRAGAMMSESRYAVVIVDCATAHFRNEYTGRGDLAERQMKLSAFLKCLAKLADEYGVAVIITNQVVAQVDGGASMFQADAKKPIGGHIIAHMSTTRLYLRKGKGENRVAKMVQSPNLPEAEATYSITNHGIEDARED

>Hsap\_RAD51

MAMQMQLEANADTSVEEESFGPQPISRLEQCGINANDVKKLEEAGFHTVEAVAYAPKKELINIKGISEAKADKILAEAAKLVPMGFTTATEFHQRRSEIIQITTGSKELDKLLQGGIETGSITEMFGEFRTGKTQICHTLAVTCQLPIDRGGGEGKAMYIDTEGTFRPERLLAVAERYGLSGSDVLDNVAYARAFNTDHQTQLLYQASAMMVESRYALLIVDSATALYRTDYSGRGELSARQMHLARFLRMLLRLADEFGVAVVITNQVVAQVDGAAMFAADPKKPIGGNIIAHASTTRLYLRKGRGETRICKIYDSPCLPEAEAMFAINADGVGDAKD

>Mmus\_Rad51

MAMQMQLEASADTSVEEESFGPQPISRLEQCGINANDVKKLEEAGYHTVEAVAYAPKKELINIKGISEAKADKILTEAAKLVPMGFTTATEFHQRRSEIIQITTGSKELDKLLQGGIETGSITEMFGEFRTGKTQICHTLAVTCQLPIDRGGGEGKAMYIDTEGTFRPERLLAVAERYGLSGSDVLDNVAYARGFNTDHQTQLLYQASAMMVESRYALLIVDSATALYRTDYSGRGELSARQMHLARFLRMLLRLADEFGVAVVITNQVVAQVDGAAMFAADPKKPIGGNIIAHASTTRLYLRKGRGETRICKIYDSPCLPEAEAMFAINADGVGDAKD

>Athal\_Rad51

MTTMEQRRNQNAVQQQDDEETQHGPFPVEQLQAAGIASVDVKKLRDAGLCTVEGVAYTPRKDLLQIKGISDAKVDKIVEAASKLVPLGFTSASQLHAQRQEIIQITSGSRELDKVLEGGIETGSITELYGEFRSGKTQLCHTLCVTCQLPMDQGGGEGKAMYIDAEGTFRPQRLLQIADRFGLNGADVLENVAYARAYNTDHQSRLLLEAASMMIETRFALLIVDSATALYRTDFSGRGELSARQMHLAKFLRSLQKLADEFGVAVVITNQVVAQVDGSALFAGPQFKPIGGNIMAHATTTRLALRKGRAEERICKVISSPCLPEAEARFQISTEGVTDCKD

>Scer\_Rad51

MSQVQEQHISESQLQYGNGSLMSTVPADLSQSVVDGNGNGSSEDIEATNGSGDGGGLQEQAEAQGEMEDEAYDEAALGSFVPIEKLQVNGITMADVKKLRESGLHTAEAVAYAPRKDLLEIKGISEAKADKLLNEAARLVPMGFVTAADFHMRRSELICLTTGSKNLDTLLGGGVETGSITELFGEFRTGKSQLCHTLAVTCQIPLDIGGGEGKCLYIDTEGTFRPVRLVSIAQRFGLDPDDALNNVAYARAYNADHQLRLLDAAAQMMSESRFSLIVVDSVMALYRTDFSGRGELSARQMHLAKFMRALQRLADQFGVAVVVTNQVVAQVDGGMAFNPDPKKPIGGNIMAHSSTTRLGFKKGKGCQRLCKVVDSPCLPEAECVFAIYEDGVGDPREEDE

>Spom\_Rhp51

MADTEVEMQVSAADTNNNENGQAQSNYEYDVNVQDEEDEAAAGPMPLQMLEGNGITASDIKKIHEAGYYTVESIAYTPKRQLLLIKGISEAKADKLLGEASKLVPMGFTTATEYHIRRSELITITTGSKQLDTLLQGGVETGSITELFGEFRTGKSQICHTLAVTCQLPIDMGGGEGKCLYIDTEGTFRPVRLLAVADRYGLNGEEVLDNVAYARAYNADHQLELLQQAANMMSESRFSLLVVDSCTALYRTDFSGRGELSARQMHLARFMRTLQRLADEFGIAVVITNQVVAQVDGISFNPDPKKPIGGNILAHSSTTRLSLRKGRGEQRICKIYDSPCLPESEAIFAINSDGVGDPKEIIAPV

>Dmel\_Spn-A

MEKLTNVQAQQEEEEEEGPLSVTKLIGGSITAKDIKLLQQASLHTVESVANATKKQLMAIPGLGGGKVEQIITEANKLVPLGFLSARTFYQMRADVVQLSTGSKELDKLLGGGIETGSITEIFGEFRCGKTQLCHTLAVTCQLPISQKGGEGKCMYIDTENTFRPERLAAIAQRYKLNESEVLDNVAFTRAHNSDQQTKLIQMAAGMLFESRYALLIVDSAMALYRSDYIGRGELAARQNHLGLFLRMLQRLADEFGVAVVITNQVTASLDGAPGMFDAKKPIGGHIMAHSSTTRLYLRKGKGETRICKIYDSPCLPESEAMFAILPDGIGDARES