**Supplementary File 1**

**Flo11-type A domain sequences used for phylogenetic analysis.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Strain1** | **Accession number2,3** | **Protein sequence** | **Source or Reference** |
| S288c | P086402 | GCPNLDFNWHMDQQNIMQYTLDVTSVSWVQDNTYQITIHVKGKENIDLKYLWSLKIIGVTGPKGTVQLYGYNENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAQYASSWQWGTTSFDLSTGCNNYDNQGHSQTDFP | UniProtKB |
| 1278b | E9P9G22 | GCPNLDFNWHMNQQNIMQYTLDVTSVSWVQDNTYQITIHVKGEENIDLKYLSSLKIIGVTGPKDTVQLYGYDENTDWIDNPLVSRCDENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAEYACSWEWGTTSFYLSTGCDNYDNQGYSQTDFP | UniProtKB |
| YJM789 | A6ZVT82 | GCPNLDFNWHMNQQNIMQYTLDVTSVSWVQDNTYQITIHVKGEENIDLEYLSSLKIIGVTGPKDTVQLYGYNEDTYLIDNPLVSRCDEYTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQDIAPEDECSWEWGTTSFTLSTGCDNYDNQGYSQTDFP | UniProtKB |
| K7 | 2WFU72 | GCPNLDFNWHMNQQNIMQYTLDVTSVSWVQDNTYQITIHVKGEENIDLKYLWSLKIIGVTGPKDTVQLYGYDEDTDWIDNPLVSRCDENTHLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAEHACSWEWGTTSFYLSTGCDNYDNQGYSQTDFP | UniProtKB |
| RM11-1a | B3LTJ02 | GCPNLDFNWHMNQQTIMQYTLDVTSVSWVQDNTYQITIHVKGKENIDLNYLSSLKIIGVTGPKDTVQLYGCNENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAQYASSWKWGTTSFNLSTGCNNYDNQGHSQTDFP | UniProtKB |
| 133d | E9P8M02 | GCPNLDFNWHMNQQTIMQYTLDVTSVSWVQDNTYQITIHVKGKENIDLKYLRSLKIIGVTGPKGTVQLYGYNENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAQYASSWKWGTTSFYLSTGCNNYDNQGHSQTDFP | UniProtKB |
| Lalvin\_EC1118 | C8ZAR82 | GCPNLDFNWHMNQQTIMQYTLDVTSVSWVQDNTYQITIHVKGKENIDLNYLSSLKIIGVTGPKDTVQLYGCNENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAQYASSWKWGTTSFNLSTGCNNYDNQGHSQTDFP | UniProtKB |
| FostersO | E7NPK42 | GCPNLDFNWHMNQQNIMQYTLDVTSVSWVQDNTYQITIHVKGEENIDLKYLSSLKIIGVTGPKDTVQLYGYDENTDWIXNPLVSRCDENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAEYACSWEWGTTSFYLSTGCDNYDNQGYSQTDFP | UniProtKB |
| AWRI796 | B5VKV52 | GCPNLDFNWHMNQQTIMQYTLDVTSVSWVQDNTYQITIHVKGKENIDLKYLWSLKIIGVTGPKGTVQLYGYNENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAQYASSWKWGTTSFDLSTGCNNYDNQGHSQTDFP | UniProtKB |
| P283 | W7RDJ22 | GCPNLDFNWHMNQQTIMQYTLDVTSVSWVQDNTYQITIHVKGKENIDLNYLSSLKIIGVTGPKDTVQLYGCNENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAQYASSWKWGTTSFNLSTGCNNYDNQGHSQTDFP | UniProtKB |
| SK1 |  | GCPNLDFNWHMDQQNIMEYTLDVTSVSWVQDNTYQITVHVKGKENIDLKYLWSLKIIGVTGPKGTVQLYGYNENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAQYASSWKWGTTSFDLSTRCNNYDNQGHSQTDFP | SGRP (Liti et al., 2009),Sanger Institute |
| W303 |  | GCPNLDFNWHMDQQNIMQYTLDVTSVSWVQDNTYQITIHVKGKENIDLKYLWSLKIIGVTGPKGTVQLYGYNENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAQYASSWQWGTTSFDLSTGCNNYDNQGHSQTDFP | SGRP (Liti et al., 2009),Sanger Institute |
| 322134S |  | GCPNLDFNWHMNQQNIMQYTLDVTSVSWVQDNTYQITIHVKGKENIDLKYLSSLKIIGVTGPKDTVQLYGYNENTYLIDNPLVSRCDENTYLIDNPTDFTATFEVYATQDVN | SGRP (Liti et al., 2009),Sanger Institute |
| YS2 |  | GCPNLDFNWHMNQQNIMQYTLDVTSVSWVQDNTYQITIHVKGEENIDLKYLSSLKIIGVTGPKDTVQLYGYDENTDWIDNPLVSRCDENTYLIDNPTDFTATFEVYATQDVNS | SGRP (Liti et al., 2009),Sanger Institute |
| YS9 |  | GCPNLDFNWHMNQQNIMQYTLDVTSVSWVQDNTYQITIHVKGEENIDLKYLSSLKIIGVTGPKDTVQLYGYDENTDWIDNPLVSRCDENTYLIDNPTDFTATFEVYATQDVNS | SGRP (Liti et al., 2009),Sanger Institute |
| BC187 |  | GCPNLDFNWHMNQQTIMQYTLDVTSVSWVQDNTYQITIHVKGKENIDLNYLSSLKIIGVTGPKDTVQLYGYNENTYLIDNPTDFTATFEVYATQDVNSC | SGRP (Liti et al., 2009),Sanger Institute |
| DBVPG1106 |  | GCPNLDFNWHMNQQTIMQYTLDVTSVSWVQDNTYQITIHVKGKENIDLKYLWSLKIIGVTGPKGTVQLYGYNENTYLIDNPTDFTATFEVYATQDVNSC | SGRP (Liti et al., 2009),Sanger Institute |
| DBVPG6765 |  | GCPNLDFNWHMNQQTIMQYTLDVTSVSWVQDNTYQITIHVKGKENIDLNYLWSLKIIGVTGPKGTVQLHSYNENTYLIDNPTDFTATFEVYATQDVNSCQVWMPDFQIQFEYLQDSAAQYASSWKWGTTSFNLSTGCNNYDNQGHSQTDFP | SGRP (Liti et al., 2009),Sanger Institute |
| DBVPG6040 |  | GCPNLDFNWHMNQQTIMQYTLDVTSVSWVQDNTYQITIHVKGKENIDLNYLSSLKIIGVTGPKDTVQLYGCNENTYLIDNPTDFTATFEVYATPDVNSCQVWMPNFQIQFEYLQDSAAQYASSWKWGTTSFALSTGCNNYDDQGYSQTDFP | SGRP (Liti et al., 2009),Sanger Institute |
| DBVPG1788 |  | GCPNLDFNWHMNQQTIMQYTLDVTSVSWVQDNTYQITIHVKGKENIDLKYLWSLKIIGVTGPKGTVQLYGYNENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAQYASSWKWGTTSFDLSTGCNNYDNQGHSQTDFP | SGRP (Liti et al., 2009),Sanger Institute |
| UWOPS03\_461.4 |  | GCPNLDFNWHMNQQNIMQYTLDVTSVSWVQDNTYQITIHVKGKENIDLKYLWSLKIIGVTGPKGTVQLYGYNENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAQYASSWKWGTTSFDLSTGCNNYDNQGHSQTDFP | SGRP (Liti et al., 2009),Sanger Institute |
| UWOPS05\_217.3 |  | GCPNLDFNWHMNQQNIMQYTLDVTSVSWVQDNTYQITIHVKGKENIDLKYLWSLKIIGVTGPKGTVQLYGYNENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAQYASSWKWGTTSFDLSTGCNNYDNQGHSQTDFP | SGRP (Liti et al., 2009),Sanger Institute |
| UWOPS05\_227.2 |  | GCPNLDFNWHMNQQNIMQYTLDVTSVSWVQDNTYQITIHVKGKENIDLKYLWSLKIIGVTGPKGTVQLYGYNENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAQYASTWKWGTTSFDLSTGCNNYDNQGHSQTDFP | SGRP (Liti et al., 2009),Sanger Institute |
| K11 |  | GCPNLDFNWHMNQQNIMQYTLDVTSVSWVQDNTYQITIHVKGEENIDLKYLSSLKIIGVTGPKDTVQLYGYHENTYLIDNPIDFVRCSENTHLIDNPTDFTATFEVYATQDVN | SGRP (Liti et al., 2009),Sanger Institute |
| Y9 |  | GCPNLDFNWHMNQQNIMQYTLDVTSVSWVQDNTYQITIHVKGEENIDLKYLWSLKIIGVTGPKDTVQLYGYDEDTDWIDNPLVSRCDENTHLIDNPTDFTATFEVYA | SGRP (Liti et al., 2009),Sanger Institute |
| Y12 |  | GCPNLDFNWHMNQQNIMQYTLDVTSVSWVQDNTYQITIHVKGEENIDLKYLWSLKIIGVTGPKDTVQLYGYDEDTDWIDNPLVSRCDENTHLIDNPTDFTATFEVYATQDVNS | SGRP (Liti et al., 2009),Sanger Institute |
| YPS606 |  | GCPNLDFNWHMDQQNIMQYTLDVTSVSWVQDNTYQITIHVKGKENIDLKYLWSLKIIGVTGPKGTVQLYGYNENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAQYASSWKWGTTSFDLSTGCNNYDNQGHSQTDFP | SGRP (Liti et al., 2009),Sanger Institute |
| YPS128 |  | GCPNLDFNWHMDQQNIMQYTLDVTSVSWVQDNTYQITIHVKGKENIDLKYLWSLKIIGVTGPKGTVQLYGYNENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAQYASSWKWGTTSFDLSTGCNNYDNQGHSQTDFP | SGRP (Liti et al., 2009),Sanger Institute |
| NCYC110 |  | GCPNLDFNWHMDQQNIMEYTLDVTSVSWVQDNTYQITVHVKGKENIDLKYLWSLKIIGVTGPKGTVQLYGYNENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAQYASSWKWGTTSFDLSTGCNNYDNQGHSQTDFP | SGRP (Liti et al., 2009),Sanger Institute |
| Y10 | PRJNA602013 | GCPNLDFNWHMNQQNIMQYTLDVTSVSWVQDNTYQITIHVKGEENIDLKYLWSLKIIGVTGPKDTVQLYGYDEDTDWIDNPLVSRCDENTHLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAQYASSWKWGTTSFDLSTGCNNYDNQGHSQTDFP | NCBI |
| YJSH1 | PRJNA724033 | GCPNLDFNWHMNQQNIMQYTLDVTSVSWVQDNTYQITIHVKGEENIDLKYLSSLKIIGVTGPKDTVQLYGYHENTYLIDNPIDFVRCSENTHLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAQYACSWEWGTTSFYLSTGCNNYDHQGHSQTDFP | NCBI |
| UC5 | PRJNA601973 | GCPNLDFNWHMNQQNIMQYTLDVTSVSWVQDNTYQITIHVKGEENIDLKYLWSLKIIGVTGPKDTVQLYGYDEDTDWIDNPLVSRCDENTHLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAEHACSWEWGTTSFYLSTGCDNYDNQGYSQTDFP | NCBI |
| SIHA\_74 | KX1891023 | GCPNLDFNWHMNQQTIMQYTLDVTSVSWVQDNTYQITIHVKGKENIDLNYLSSLKIIGVTGPKDTVQLYGCDENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAQYASSWKWGTTSFNLSTGCNNYDNQGHSQTDFP | This study |
| SIHA\_Whitearome4 | KX1891033 | GCPNLDFNWHMDQQNIMQYTLDVTSVSWVQDNTYQITIHVKGKENIDLKYLWSLKIIGVTGPKGTVQLYGYNENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAQYASSWQWGTTSFDLSTGCNNYDNQGHSQTDFP | This study |
| Lalvin\_R-HST4 | KX1891043 | GCPNLDFNWHMNQQTIMQYTLDVTSVSWVQDNTYQITIHVKGKENIDLKYLWSLKIIGVTGPKGTVQLYGYNENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAQYASSWKWGTTSFDLSTGCNNYDNQGHSQTDFP | This study |
| Uvaferm\_SVG4 | KX1891053 | GCPNLDFNWHMNQQTIMQYTLDVTSVSWVQDNTYQITIHVKGKENIDLKYLWSLKIIGVTGPKGTVQLYGYNENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAQYASSWKWGTTSFDLSTGCNNYDNQGHSQTDFP | This study |
| Uvaferm\_CEG4 | KX1891063 | GCPNLDFNWHMNQQTIMQYTLDVTSVSWVQDNTYQITIHVKGKENIDLNYLSSLKIIGVTGPKDTVQLYGCNENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAQYASSWKWGTTSFNLSTGCNNYDNQGHSQTDFP | This study |
| SSI24 | KX1891073 | GCPNLDFNWHMNQQNIMQYTLDVTSVSWVQDNTYQITIHVKGEENIDLKYLSSLKIIGVTGPKDTVQLYGYDENTDWIDNPLVSRCDENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAEYACSWEWGTTSFYLSTGCNNYDNQGHSQTDFP | This study |
| SSI64 | KX1891083 | GCPNLDFNWHMNQQNIMQYTLDVTSVSWVQDNTYQITIHVKGEENIDLKYLWSLKIIGVTGPKDTVQLYGYDEDTDWIDNPLVSRCDENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAEYACSWEWGTTSFYLSTGCDNYDNQGYSQTDFP | This study |
| YJM1284 | KX1891093 | GCPNLDFNWHMNQQNIMQYTLDVTSVSWVQDNTYQITIHVKGEENIDLEYLSSLKIIGVTGPKDTVQLYGYNEDTYLIDNPLVSRCDEYTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQDIAPEDECSWEWGTTSFTLSTGCDNYDNQGYSQTDFP | This study |
| YJM2224 | KX1891103 | GCPNLDFNWHMNQQNIMQYTLDVTSVSWVQDNTYQITIHVKGKENIDLKYLWSLKIIGVTGPKGTVQLYGYNENTYLIDNPTDFTATFEVYATQDANSCQVWMPNFQIQFEYLQGSAAQYASTWTWGTTSFDLSTGCNNYDNQGHSQTDFP | This study |
| YJM3084 | KX1891113 | GCPNLDFNWHMNQQNIMQYTLDVTSVSWVQDNTYQITIHVKGKENIDLKYLWSLKIIGVTGPKGTVQLYGYNENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAQYACSWEWGTTSFDLSTGCNNYDNQGHSQTDFP | This study |
| YJM3094 | KX1891123 | GCPNLDFNWHMNQQNIMQYTLDVTSVSWVQDNTYQITIHVKGEENIDLEYLSSLKIIGVTGPKDTVQLYGYNEDTYLIDNPLVSRCDEYTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQDIAPEDECSWEWGTTSFTLSTGCDNYDNQGYSQTDFP | This study |
| YJM3114 | KX1891133 | GCPNLDFNWHMNQQNIMQYTLDVTSVSWVQDNTYQITIHVKGKENIDLKYLWSLKIIGVTGPKGTVQLYGYNENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAQYASSWKWGTTSFDLSTGCNNYDNQGHSQTDFP | This study |
| YJM3124 | KX1891143 | GCPNLDFNWHMNQQNIMQYTLDVTSVSWVQDNTYQITIHVKGEENIDLKYLWSLKIIGVTGPKDTVQLYGYDEDTDWIDNPLVSRCDENTHLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAQYASSWQWGTTSFDLSTGCNNYDNQGHSQTDFP | This study |
| SSI34 | KX1891153 | GCPNLDFNWHMNQQNIMQYTLDVTSVSWVQDNTYQITIHVKGKENIDLKYLWSLKIIGVTGPKGTVQLYGYNENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAQYASSWKWGTTSFDLSTGCNNYDNQGHSQTDFP | This study |
| SSI44 | KX1891163 | GCPNLDFNWHMNQQSIMQYTLDVISVSWVQDDTYQITIHVEGKENIDLNYLSSLKIIDVTGPEDTVQLYGCNEEDTYLIDNPTDFTATFEVYATQDVNSGQVWMSDFQIQFEYLQDSAAQYASSWEWGATSFGLSTGCNNYDDQGHSQTDFP | This study |
| SSI94 | KX1891173 | GCSNLDFNWHMNQQNIMQYTLDVTSVSWVQDNTYQITIHVKGEENIDLNYLSSLKIIGVTGPKDTVQLYGYDENTYLIDNPLVSRYDENTYLIDNPTDFTATFEVYATQDVNSCQVWMPDFQIQFEYLQDSAAQYASSWEWGTTSFTLSTGCDNYDDQGYSQTDFP | This study |
| A64 | KX1891183 | GCPNLDFNWHMNQQNIMQYTLDVTSVSWVQDNTYLITIHVKGKENIDLNYLSSLKIIGLTGPEDTVQLYGCNEYTYLIDNPTDFTATFEVYATPDVNSCQVWMPDFQIQFEYLQDSAAQYASSWKWGTTSFTLSTGCNNYDSQGHSQTDFP | This study |
| A184 | KX1891193 | GCPNLDFNWHMNQQNIMQYTLDVTSVSWVQYNTYQITIHVKGKENIDLKYLSSLKIIGLTGPKDTVQLYGCNENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFKYLQGRAAQYASSWKWGTTSFDLSTGCNNYDNQGHSLTDFP | This study |
| KVL0124 | KX1891203 | GCPNLDFNWHMNQQTIMQYTLDVTSVSWVQDNTYQITIHVKGKENIDLKYLWSLKIIGVTGPKGTVQLYGYNENTYLIDNPTDFTATFEVYATQDVNSCQVWMPDFQIQFEYLQDSAAQYASSWKWGTTSFALSTGCNNYDNQGHSQTDFP | This study |
| C14 | KX1891213 | GCPNLDFNWHMNQQNIMQYTLDVTSVSWVQYNTYQITIHVKGKENIDLKYLSSLKIIGLTGPKDTVQLYGCNENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFKYLQGRAAQYASSWKWGTTSFDLSTGCNNYDSQGHSQTDFP | This study |
| *S. paradoxus*CBS432 |  | GCPNLDFNWHMDQQNIMEYTLDVTSVSWVQDNTYQITIHVKGKENIDLKYLWSLKVIGVTGPKGTVQLYGTNENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGTAAQYASTWKWGTTSFDLSTGCNNYDNQGHSQTDFP | SGRP (Liti et al., 2009),Sanger Institute |
| *S. kudriavzevii*IFO1802 | PRJNA14423 | GCPSLDFNWHMNQQNIMQYTLDVTSVSWVQDNTYQIQIHVKGKENIDLKYLWSLKVIGVNGPKGTVQLYGFNENTFLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGSAAQYSSTWEWGTTSFDLSTGCNNYDNQGHSQTDFP | NCBI |
| *S. bayanus*MCYC623 | PRJNA14433 | GCPSLNFNWHMDQQNIMEYTLDVTSVSWVQDNTYQIQIHVKGKENIDLKYLWSLKVIGVTGPQGTVQLYGTNENTYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLQGTAAQYASTWEWGTTSFDLSTGCNNYDNQGHSQTDFP | NCBI |
| *S. mikatae*IFO1815T | PRJNA3743 | GCPSLDFNWHMNQQNIMQYTLDVTSVSWVRDNTYQIQIHVKGKENIDLKYLWSLKVIGVNGPKGTVQLYGHNENTYLIDNPTDFTATFEVYATQDVDSCQVWMPNFQIQFEYLQGSAAQYASSGKWGTTSFDLSTGSNNYDNQGHSQTDFP | NCBI |
| *S. arboricolus* | PRJNA885333 | GCPSLNFDWHMDQQNIMEYTLDVTSVSWVQDNTYQIQIHVKGKETIDIKYLWSLKVIGVSGPQGTVQLYGHNENVYLIDNPTDFTATFEVYATQDVNSCQVWMPNFQIQFEYLEGSTAQYSSTWKWGKSAFDLSTGCNNYDNQGHSQTDFP | NCBI |
| *K. pastoris* | C4R2D7\_A2 | CYANQWETTFPPSDIKITGATWVQDNIYDVTLSYEAESLELENLTELKIIGLNSPTGGTKLVWSLNSKVYDIDNPAKWTTTLRVYTKSSADDCYVEMYPFQIQVDWCEAGASTDGCSAWKWPKSYDYDIGCDNMQDGVSRKHHP | UniProtKB |
| *K. pastoris* | C4R2D7\_B2 | CYADQWETTFPPSDIKITGATWVEDNIYDVTLSYEAESLELENLTELKIIGLNSPTGGTKVVWSLNSGIYDIDNPAKWTTTLRVYTKSSADDCYVEMYPFQIQVDWCEAGASTDGCSAWKWPKSYDYDIGCDNMQDGVSRKHHP | UniProtKB |
| *C. lusitaniae* | C4XZ24\_A2 | ACPNQKFTFHAQVVNFPQATITVTDPSDNGDGTWDVTINFNADATMSLKSLSELKILSLSKTYFLYSYNLKVDNINNPGSWSQRVTVTPRSVGDYKTCMPQFTIQYDWCSAGVTDWSECQNWKYQGSYDYITGCDNFDQSTGFSQKDAP | UniProtKB |
| *C. lusitaniae* | C4XZ24\_B2 | ACPNQKFTFHAQVVNFPQATITVTDPSDNGDGTWDVTINFNAVATMSLKSLSELKILSLSKTYFLYSYNLKVDNINNPGSWSQRVTVTPRSVGNYKTCMPQFTIQFDWCSAGVTDQSECQNWKYQGSYDYITGCDNFDQSTGFSQKDAP | UniProtKB |
| *C. lusitaniae* | C4XZ24\_C2 | ACPNQKFTFHAQVVNFPQATITVTDPSDNGDGTWDVTINFNAVATMSLKSLSELKILSLSKTYFLYSYNLKVDNINNPGSWSQRVTVTPRSVGNYKTCMPQFTIQYDWCSAGVTDWSECQNWKYQGSYDYITGCDNFDQSTGFSQKDAP | UniProtKB |
| *K. lactis* | Q6CPZ4\_A2 | GCPCLDFSFRSQNTRTMPYNIELENVKWVESNIYTVTLHVTGQKQIPLKSLWSLKIIGVNSPDGSTFQLFGYNEKTYLIDNPTDWTATFRVYGQADSNDPSIVWMPTFQIQYEYCQGSADCSDWSYGTTTFDLITGCNNYDNYKRSQTDAG | UniProtKB |
| *K. lactis* | Q6CPZ4\_B2 | GCPCLDFSFHSQNTGTMQYSIVPEEVNWVQDNIYTVTLHVTGQKQIPLKSLWSLKIIGVNSPDGSTFQLFGYNEKTYLIDNPTDWTATFRVYGQADSNDPSIVWMPTFQIQYEYCQGSADCSDWSYGTTTFDLITGCNNYDNYKRSQTDAG | UniProtKB |
| *S. passalidarum* | G3AVC2\_A2 | ICDSPFGALSKANNQPELKIFEFKSIKWIEDNFYEVMIEFEIDGNSYTESELRAIYIFSLQTPDYYLGSVELFVESWEQNLLGDSPFHFYFTWVMEAEDIDQLTCTTPFQVYYDWDTYFATYQHGCFSDELTDLPAQCWDKPNFAETSSQQNLETSSQQNLE | UniProtKB |
| *S. passalidarum* | G3AVC2\_B2 | IPIGAHALSESTYPKVKTFNFESIKFIQDDLYEVTLEFEIEDTIPKSELHAVFAYYLQTPDDYLSSIQLDAYVGNSPYHFYLVWIMKTQNIDQYICTTPFTIEYNWNGIPFSYTHGCL | UniProtKB |
| *T. delbrueckii* | G8ZQZ32 | ACPGLDFKWRSTYYGIMNYDMNVIGVNYLGKDSYEVTIHVVGDKQIPLKFLYSLSISNIGGPDRIVPLHHCDKGINKIDNPTDFTATFVVNSRPDLFGRVWMPDFKLDFEYVLGPARQYAKEWKWGKTSFSLASGCDLADFWGRSYADFP | UniProtKB |
| *M. guilliermondii* | A5DGW92 | AGLLQQRATQQPPKAVFQVSAVAHVEANLFKVTLDFETAASAQLFQSFANSAKSAKVTGLGSDLQSDAVVVGADASTGIDNLFAFSVSVLIEASIHNGLFCLPDGLAIELDLDLDVNTDVGKLWQEYFPQNIKYALDQNFQDAKQFTPSKRQD | UniProtKB |

1For *S. cerevisiae* strains, only names are shown.

2UniProt KnowledgeBase (UniProtKB) identification number followed by relative position of Flo11-type domain (A, B or C) for proteins with multiple Flo11A domains.

3GenBank database Gene, Genome or BioProject identification number (www.ncbi.nlm.nih.gov).

4Strains were described (Liti et al., 2009, Klingberg et al., 2008) and used in the current study for isolation and sequencing of *FLO11A* encoding DNA fragments.

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