|  |  |  |
| --- | --- | --- |
| GO-Terms | #Seqs |  |
| binding | 22 | SlHsp70-11, SlHsp70-13, SlHsp70-9, SlHsp70-16, SlHsp70-3, SlHsp70-19, SlHsp70-10, SlHsp70-2, SlHsp70-8, SlHsp70-1, SlHsp70-23, SlHsp70-4, SlHsp70-12, SlHsp70-18, SlHsp70-21, SlHsp70-5, SlHsp70-15, SlHsp70-14, SlHsp70-20, SlHsp70-6, SlHsp70-7, SlHsp70-22 |
| heterocyclic compound binding | 21 | SlHsp70-4, SlHsp70-11, SlHsp70-13, SlHsp70-12, SlHsp70-9, SlHsp70-16, SlHsp70-3, SlHsp70-19, SlHsp70-10, SlHsp70-2, SlHsp70-8, SlHsp70-18, SlHsp70-1, SlHsp70-21, SlHsp70-5, SlHsp70-15, SlHsp70-14, SlHsp70-6, SlHsp70-23, SlHsp70-7, SlHsp70-22 |
| adenyl nucleotide binding | 21 | SlHsp70-4, SlHsp70-11, SlHsp70-13, SlHsp70-12, SlHsp70-9, SlHsp70-16, SlHsp70-3, SlHsp70-19, SlHsp70-10, SlHsp70-2, SlHsp70-8, SlHsp70-18, SlHsp70-1, SlHsp70-21, SlHsp70-5, SlHsp70-15, SlHsp70-14, SlHsp70-6, SlHsp70-23, SlHsp70-7, SlHsp70-22 |
| organic cyclic compound binding | 21 | SlHsp70-4, SlHsp70-11, SlHsp70-13, SlHsp70-12, SlHsp70-9, SlHsp70-16, SlHsp70-3, SlHsp70-19, SlHsp70-10, SlHsp70-2, SlHsp70-8, SlHsp70-18, SlHsp70-1, SlHsp70-21, SlHsp70-5, SlHsp70-15, SlHsp70-14, SlHsp70-6, SlHsp70-23, SlHsp70-7, SlHsp70-22 |
| nucleoside phosphate binding | 21 | SlHsp70-4, SlHsp70-11, SlHsp70-13, SlHsp70-12, SlHsp70-9, SlHsp70-16, SlHsp70-3, SlHsp70-19, SlHsp70-10, SlHsp70-2, SlHsp70-8, SlHsp70-18, SlHsp70-1, SlHsp70-21, SlHsp70-5, SlHsp70-15, SlHsp70-14, SlHsp70-6, SlHsp70-23, SlHsp70-7, SlHsp70-22 |
| small molecule binding | 21 | SlHsp70-4, SlHsp70-11, SlHsp70-13, SlHsp70-12, SlHsp70-9, SlHsp70-16, SlHsp70-3, SlHsp70-19, SlHsp70-10, SlHsp70-2, SlHsp70-8, SlHsp70-18, SlHsp70-1, SlHsp70-21, SlHsp70-5, SlHsp70-15, SlHsp70-14, SlHsp70-6, SlHsp70-23, SlHsp70-7, SlHsp70-22 |
| purine nucleotide binding | 21 | SlHsp70-4, SlHsp70-11, SlHsp70-13, SlHsp70-12, SlHsp70-9, SlHsp70-16, SlHsp70-3, SlHsp70-19, SlHsp70-10, SlHsp70-2, SlHsp70-8, SlHsp70-18, SlHsp70-1, SlHsp70-21, SlHsp70-5, SlHsp70-15, SlHsp70-14, SlHsp70-6, SlHsp70-23, SlHsp70-7, SlHsp70-22 |
| nucleotide binding | 21 | SlHsp70-4, SlHsp70-11, SlHsp70-13, SlHsp70-12, SlHsp70-9, SlHsp70-16, SlHsp70-3, SlHsp70-19, SlHsp70-10, SlHsp70-2, SlHsp70-8, SlHsp70-18, SlHsp70-1, SlHsp70-21, SlHsp70-5, SlHsp70-15, SlHsp70-14, SlHsp70-6, SlHsp70-23, SlHsp70-7, SlHsp70-22 |
| purine ribonucleoside triphosphate binding | 21 | SlHsp70-4, SlHsp70-11, SlHsp70-13, SlHsp70-12, SlHsp70-9, SlHsp70-16, SlHsp70-3, SlHsp70-19, SlHsp70-10, SlHsp70-2, SlHsp70-8, SlHsp70-18, SlHsp70-1, SlHsp70-21, SlHsp70-5, SlHsp70-15, SlHsp70-14, SlHsp70-6, SlHsp70-23, SlHsp70-7, SlHsp70-22 |
| ribonucleotide binding | 21 | SlHsp70-4, SlHsp70-11, SlHsp70-13, SlHsp70-12, SlHsp70-9, SlHsp70-16, SlHsp70-3, SlHsp70-19, SlHsp70-10, SlHsp70-2, SlHsp70-8, SlHsp70-18, SlHsp70-1, SlHsp70-21, SlHsp70-5, SlHsp70-15, SlHsp70-14, SlHsp70-6, SlHsp70-23, SlHsp70-7, SlHsp70-22 |
| ion binding | 21 | SlHsp70-4, SlHsp70-11, SlHsp70-13, SlHsp70-12, SlHsp70-9, SlHsp70-16, SlHsp70-3, SlHsp70-19, SlHsp70-10, SlHsp70-2, SlHsp70-8, SlHsp70-18, SlHsp70-1, SlHsp70-21, SlHsp70-5, SlHsp70-15, SlHsp70-14, SlHsp70-6, SlHsp70-23, SlHsp70-7, SlHsp70-22 |
| anion binding | 21 | SlHsp70-4, SlHsp70-11, SlHsp70-13, SlHsp70-12, SlHsp70-9, SlHsp70-16, SlHsp70-3, SlHsp70-19, SlHsp70-10, SlHsp70-2, SlHsp70-8, SlHsp70-18, SlHsp70-1, SlHsp70-21, SlHsp70-5, SlHsp70-15, SlHsp70-14, SlHsp70-6, SlHsp70-23, SlHsp70-7, SlHsp70-22 |
| ATP binding | 21 | SlHsp70-4, SlHsp70-11, SlHsp70-13, SlHsp70-12, SlHsp70-9, SlHsp70-16, SlHsp70-3, SlHsp70-19, SlHsp70-10, SlHsp70-2, SlHsp70-8, SlHsp70-18, SlHsp70-1, SlHsp70-21, SlHsp70-5, SlHsp70-15, SlHsp70-14, SlHsp70-6, SlHsp70-23, SlHsp70-7, SlHsp70-22 |
| purine ribonucleotide binding | 21 | SlHsp70-4, SlHsp70-11, SlHsp70-13, SlHsp70-12, SlHsp70-9, SlHsp70-16, SlHsp70-3, SlHsp70-19, SlHsp70-10, SlHsp70-2, SlHsp70-8, SlHsp70-18, SlHsp70-1, SlHsp70-21, SlHsp70-5, SlHsp70-15, SlHsp70-14, SlHsp70-6, SlHsp70-23, SlHsp70-7, SlHsp70-22 |
| carbohydrate derivative binding | 21 | SlHsp70-4, SlHsp70-11, SlHsp70-13, SlHsp70-12, SlHsp70-9, SlHsp70-16, SlHsp70-3, SlHsp70-19, SlHsp70-10, SlHsp70-2, SlHsp70-8, SlHsp70-18, SlHsp70-1, SlHsp70-21, SlHsp70-5, SlHsp70-15, SlHsp70-14, SlHsp70-6, SlHsp70-23, SlHsp70-7, SlHsp70-22 |
| adenyl ribonucleotide binding | 21 | SlHsp70-4, SlHsp70-11, SlHsp70-13, SlHsp70-12, SlHsp70-9, SlHsp70-16, SlHsp70-3, SlHsp70-19, SlHsp70-10, SlHsp70-2, SlHsp70-8, SlHsp70-18, SlHsp70-1, SlHsp70-21, SlHsp70-5, SlHsp70-15, SlHsp70-14, SlHsp70-6, SlHsp70-23, SlHsp70-7, SlHsp70-22 |
| protein binding | 19 | SlHsp70-4, SlHsp70-11, SlHsp70-13, SlHsp70-12, SlHsp70-9, SlHsp70-16, SlHsp70-3, SlHsp70-19, SlHsp70-10, SlHsp70-2, SlHsp70-8, SlHsp70-1, SlHsp70-21, SlHsp70-5, SlHsp70-20, SlHsp70-15, SlHsp70-14, SlHsp70-23, SlHsp70-22 |
| unfolded protein binding | 17 | SlHsp70-4, SlHsp70-11, SlHsp70-13, SlHsp70-9, SlHsp70-16, SlHsp70-3, SlHsp70-19, SlHsp70-10, SlHsp70-2, SlHsp70-8, SlHsp70-1, SlHsp70-21, SlHsp70-5, SlHsp70-15, SlHsp70-14, SlHsp70-23, SlHsp70-22 |
| heat shock protein binding | 16 | SlHsp70-4, SlHsp70-11, SlHsp70-13, SlHsp70-9, SlHsp70-16, SlHsp70-3, SlHsp70-19, SlHsp70-10, SlHsp70-2, SlHsp70-8, SlHsp70-1, SlHsp70-5, SlHsp70-15, SlHsp70-20, SlHsp70-23, SlHsp70-22 |
| protein folding chaperone | 16 | SlHsp70-4, SlHsp70-11, SlHsp70-13, SlHsp70-12, SlHsp70-9, SlHsp70-16, SlHsp70-3, SlHsp70-19, SlHsp70-10, SlHsp70-2, SlHsp70-8, SlHsp70-1, SlHsp70-5, SlHsp70-15, SlHsp70-23, SlHsp70-22 |
| hydrolase activity, acting on acid anhydrides, in phosphorus-containing anhydrides | 15 | SlHsp70-4, SlHsp70-11, SlHsp70-13, SlHsp70-9, SlHsp70-16, SlHsp70-3, SlHsp70-19, SlHsp70-10, SlHsp70-2, SlHsp70-8, SlHsp70-1, SlHsp70-5, SlHsp70-15, SlHsp70-23, SlHsp70-22 |
| ATPase activity | 15 | SlHsp70-4, SlHsp70-11, SlHsp70-13, SlHsp70-9, SlHsp70-16, SlHsp70-3, SlHsp70-19, SlHsp70-10, SlHsp70-2, SlHsp70-8, SlHsp70-1, SlHsp70-5, SlHsp70-15, SlHsp70-23, SlHsp70-22 |
| hydrolase activity | 15 | SlHsp70-4, SlHsp70-11, SlHsp70-13, SlHsp70-9, SlHsp70-16, SlHsp70-3, SlHsp70-19, SlHsp70-10, SlHsp70-2, SlHsp70-8, SlHsp70-1, SlHsp70-5, SlHsp70-15, SlHsp70-23, SlHsp70-22 |
| nucleoside-triphosphatase activity | 15 | SlHsp70-4, SlHsp70-11, SlHsp70-13, SlHsp70-9, SlHsp70-16, SlHsp70-3, SlHsp70-19, SlHsp70-10, SlHsp70-2, SlHsp70-8, SlHsp70-1, SlHsp70-5, SlHsp70-15, SlHsp70-23, SlHsp70-22 |
| misfolded protein binding | 15 | SlHsp70-4, SlHsp70-11, SlHsp70-13, SlHsp70-9, SlHsp70-16, SlHsp70-3, SlHsp70-19, SlHsp70-10, SlHsp70-2, SlHsp70-8, SlHsp70-1, SlHsp70-5, SlHsp70-15, SlHsp70-23, SlHsp70-22 |
| catalytic activity | 15 | SlHsp70-4, SlHsp70-11, SlHsp70-13, SlHsp70-9, SlHsp70-3, SlHsp70-16, SlHsp70-19, SlHsp70-10, SlHsp70-2, SlHsp70-8, SlHsp70-1, SlHsp70-5, SlHsp70-15, SlHsp70-23, SlHsp70-22 |
| pyrophosphatase activity | 15 | SlHsp70-4, SlHsp70-11, SlHsp70-13, SlHsp70-9, SlHsp70-16, SlHsp70-3, SlHsp70-19, SlHsp70-10, SlHsp70-2, SlHsp70-8, SlHsp70-1, SlHsp70-5, SlHsp70-15, SlHsp70-23, SlHsp70-22 |
| hydrolase activity, acting on acid anhydrides | 15 | SlHsp70-4, SlHsp70-11, SlHsp70-13, SlHsp70-9, SlHsp70-16, SlHsp70-3, SlHsp70-19, SlHsp70-10, SlHsp70-2, SlHsp70-8, SlHsp70-1, SlHsp70-5, SlHsp70-15, SlHsp70-23, SlHsp70-22 |
| 2-alkenal reductase [NAD(P)+] activity | 2 | SlHsp70-3, SlHsp70-8 |
| oxidoreductase activity, acting on the CH-CH group of donors, NAD or NADP as acceptor | 2 | SlHsp70-3, SlHsp70-8 |
| oxidoreductase activity, acting on the CH-CH group of donors | 2 | SlHsp70-3, SlHsp70-8 |
| oxidoreductase activity | 2 | SlHsp70-3, SlHsp70-8 |