Table S1 Potential Lem8 interacting proteins identified by yeast two-hybrid screenings

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| --- | --- | --- | --- |
| Gene name  | protein | Hit times | Verification by IP |
| 14-3-3ζ | 14-3-3ζ | 50 | Yes |
| BAD97321.1 | DnaJ homolog subfamily B member 6 | 13 | ND |
| ACI04420.1 | NADH dehydrohenase subunit 1 | 5 | ND |
| NP\_005944.1 | Metallothiolein-2 | 5 | ND |
| BAA00525.1 | Glutathione peroxidase | 3 | ND |
| BAK23994.1 | Cytochrome b | 3 | ND |
| NP\_001186913.1 | NADH-ubiquinone oxireductase 75 kda | 2 | ND |
| NP\_001139660.1 | TOX high motility group box family member 3 | 2 | No |
| NP\_001136153.1 | Chitinase domain-containing protein 1 | 2 | ND |
| NP\_001121164.1 | Propinyl-coA carboxylase a-chain | 2 | ND |
| NP\_115982.1 | Histidine triad nucleotide binding protein | 2 | ND |
| NP\_072047.4 | Vacuolar protein sorting 52 homolog | 2 | No |
| AAP97148.1 | AF086918\_1 E3-13 | 1 | ND |
| NP\_001004067.1 | Nodal modulator 3 precursor  | 1 | ND |

Note: Shown are 93 clones that harbored identifiable proteins from 96 sequenced candidates.

ND: not determined