**Table S9**.

|  |  |
| --- | --- |
| **Protein type** | **Protein name** |
| DEAD/DEAH box containing protiens | DDX1, DDX21, DDX3X, DDX41, DDX5 |
| Heterogeneous neclear ribonucleoprotein | HNRNPK, HNRNPL, HNRNPM |
| RNA binding protein | Rbm12b, YBX1, NCL, NPM1, EIF2S1, EIF2C2 (AGO2), PABPC4, PABPC1, SFPQ, NONO,TUT1 |