Supplementary Table. 1 Alignment of Notch1 homologs between Human and Zebrafish by Clustal Omega
**Supplementary Table. 2** Alignment of YTHDF2 homologs between Human and Zebrafish by Clustal Omega

|                      | Human                          | Zebrafish                      |
|----------------------|--------------------------------|--------------------------------|
|                      | MAASISLLEPGRQGGNNSGVGNGTQDMP   | MAASISLLEPGRQGGNNSGVGNGTQDMP  |
|                      | Y30S        | Y30S                              |
|                      | 60              | 60                               |
|                      | **-----------------------------** | **-----------------------------** |
|                      | **_queue**       | **queue**                        |
|                      | **-----------------------------** | **-----------------------------** |
|                      | SPFLDQGAMIGP    | SPFLDQGAMIGP                      |
|                      | 120             | 120                              |
|                      | **-----------------------------** | **-----------------------------** |
|                      | GRFFPFP       | GRFFPFP                          |
|                      | 178             | 180                              |
|                      | **-----------------------------** | **-----------------------------** |
|                      | PGNTIDDGMAALKL | PGNTIDDGMAALKL                   |
|                      | 238             | 238                              |
|                      | **-----------------------------** | **-----------------------------** |
|                      | ADISSPAPKAFPCPL | ADISSPAPKAFPCPL                  |
|                      | 297             | 298                              |
|                      | **-----------------------------** | **-----------------------------** |
|                      | QRTGGGGPQGGG   | QRTGGGGPQGGG                      |
|                      | 345             | 366                              |
|                      | **-----------------------------** | **-----------------------------** |
|                      | GAAPTTW       | GAAPTTW                          |
|                      | 402             | 410                              |
|                      | **-----------------------------** | **-----------------------------** |
|                      | FDNLHNY       | FDNLHNY                          |
|                      | 492             | 475                              |
|                      | **-----------------------------** | **-----------------------------** |
|                      | VTNRDQ       | VTNRDQ                           |
|                      | 579             | 599                              |

CLUSTAL 0(1.2.4) multiple sequence alignment