**Additional files 2. Reagent or Resource**

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| --- | --- | --- |
| REAGENT or RESOURCE | SOURCE | IDENTIFIER |
| Antibodies |  |  |
| anti-β-actin | Cell Signaling Technology | Cat #4970 |
| anti-GAPDH (14C10)anti-E-cadherin | Cell Signaling TechnologyCell Signaling Technology | Cat #2118Cat#3195 |
| anti-rabbit IgG | Cell Signaling Technology | Cat #7074S |
| anti-mouse IgGanti-HMOX1anti-Nrf2anti-KEAP1anti-CUL3anti-α-SMAanti-Vimentin | Cell Signaling TechnologyProteintechBioworldBioworldProteintechEarthOxSanta Cruz | Cat #7076S10701-1-APBS1258BS678511107-1-APA307717-01sc-5565 |
| anti-ALKBH5 | Sigma-Aldrich | Cat #HPA007196 |
| anti-FLAG | Sigma-Aldrich | Cat #F3165 |
| anti-METTL3 | Proteintech | Cat #15073-1-AP |
| anti-YTHDF1 | Proteintech | Cat #17479-1-AP |
| anti-YTHDF2 | Proteintech | Cat #24744-1-AP |
| anti-YTHDF3anti-IGF2BP1anti-IGF2BP2anti-IGF2BP3 | ProteintechCell Signaling TechnologyAbcamAbcam | Cat #25537-1-APCat#8482ab128175ab177477 |
| anti-m6A | Synaptic Systems | Cat #202 003 |
| Recombinant DNA |
| LentiORF pLEX-MCS | Thermo Fisher Scientific | Cat #OHS4735 |
| LentiORF pLEX-MCS-METTL3 | Generated in our lab before. |   |
| lentiCRISPR v2 | Addgene | Cat #52961 |
| lentiCRISPR v2-METTL3 | Generated in our lab before. |  |
| pcDNA3-Flag 2AB | gifted from Wang Min |  |
| pcDNA3-Flag 2AB-YTHDF1 | Generated in our lab before. |  |
| pcDNA3-Flag 2AB-YTHDF2 | This paper |  |
| pcDNA3-Flag 2AB-YTHDF3 | Thermo Fisher Scientific |  |
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