**Supplementary Table 2:** List of analyzed genes and assays ID (all from Applied Biosystems).

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| **Gene abbreviation** | **Name of gene** | **Assay ID** |
| ADAR | Adenosine deaminase, RNA specific | Hs00241666\_m1 |
| ADARB1 | Adenosine deaminase, RNA specific B1 | Hs00953724\_m1 |
| DDX5 | DEAD-box helicase 5 | Hs00189323\_m1 |
| DDX17 | DEAD-box helicase 17 | Hs00428757\_m1 |
| DDX20 | DEAD-box helicase 20 | Hs00200516\_m1 |
| DGCR8 | DiGeorge syndrome critical region 8 | Hs00256062\_m1 |
| DICER1 | Dicer 1, ribonuclease III | Hs00229023\_m1 |
| DROSHA | Drosha, ribonuclease III | Hs00203008\_m1 |
| EIF2C1 | Eukaryotic translation initiation factor 2C, 1 | Hs01084653\_m1 |
| EIF2C2 | Eukaryotic translation initiation factor 2C, 2 | Hs01085579\_m1 |
| EIF2C3 | Eukaryotic translation initiation factor 2C, 3 | Hs01087121\_m1 |
| EIF2C4 | Eukaryotic translation initiation factor 2C, 4 | Hs01059731\_m1 |
| GEMIN4 | Gem nuclear organelle associated protein 4 | Hs00249038\_m1 |
| LIN28A | Lin-28 homolog A | Hs00702808\_s1 |
| LIN28B | Lin-28 homolog B | Hs01013729\_m1 |
| PMM1 | Phosphomannomutase 1 | Hs00160195\_m1 |
| POLR2A | RNA polymerase II subunit A | Hs00172187\_m1 |
| TARBP2 | TARBP2, RISC loading complex RNA binding subunit | Hs00366328\_m1 |
| TNRC6A | Trinucleotide repeat containing 6A | Hs00325721\_m1 |
| XPO5 | Exportin 5 | Hs00382453\_m1 |