**Unstressed (no treatment)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **No RNA** | **WT** | **IIIB** | **dII** | **GCC** | **CUG** |
| **1A** | 0.7 ± 0.2 | 1.0 | 0.9 ± 0.1 | 0.7 ± 0.1 | 0.7 ± 0.1 | 1.0 ± 0.2 |
| **2** | 1.6 ± 0.1 | 1.0 | 1.2 ± 0.1 | 1.3 ± 0.2 | 1.3 ± 0.2 | 1.5 ± 0.1 |
| **3B** | 1.1 ± 0.2 | 1.0 | 1.0 ± 0.3 | 1.3 ± 0.4 | 1.1 ± 0.2 | 1.0 ± 0.2 |
| **5B** | ND | 1.0 | 0.4 ± 0.1 | 0.5 ± 0.1 | 2.3 ± 0.1 | 1.5 ± 0.1 |

**Stressed with DTT**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **eIF** | **No RNA** | **WT** | **IIIB** | **dII** | **GCC** | **CUG** |
| **1A** | 0.9 ± 0.1 | 1.0 | 1.2 ± 0.4 | 0.3 ± 0.1 | 0.4 ± 0.1 | 0.7 ± 0.2 |
| **2** | ND | ND | ND | ND | ND | ND |
| **3B** | 1.2 ± 0.0 | 1.0 | 0.7 ± 0.1 | 1.3 ± 0.3 | 0.9 ± 0.1 | 0.8 ± 0.1 |
| **5B** | 0.1 ± 0.1 | 1.0 | 0.2 ± 0.1 | 0.3 ± 0.0 | 0.5 ± 0.1 | 0.6 ± 0.1 |

**Treated with GMP-PNP**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **eIF** | **No RNA** | **WT** | **IIIB** | **dII** | **GCC** | **CUG** |
| **1A** | 1.2 ± 0.2 | 1.0 | 1.0 ± 0.3 | 0.7 ± 0.3 | 0.9 ± 0.3 | 1.4 ± 0.4 |
| **2** | 3.5 ± 2.1 | 1.0 | 1.5 ± 0.4 | 3.9 ± 2.8 | 2.5 ± 1.3 | 4.1 ± 2.5 |
| **3B** | 3.1 ± 1.9 | 1.0 | 1.5 ± 0.3 | 4.0 ± 2.6 | 2.9 ± 1.4 | 3.3 ± 1.7 |
| **5B** | ND | ND | ND | ND | ND | ND |