Plate # 1 of SARE Partnership Grant with Mike Palmer.

|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | target |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A | 35 | 40 | 32 | 36 | 21 | 28 | 29 | 45 | 39 | 41 | 60 | gblock | DWV |
| B | 35 | 40 | 32 | 36 | 21 | 28 | 29 | 45 | 39 | 41 | 60 | NTC |  |
| C | 35 | 40 | 32 | 36 | 21 | 28 | 29 | 45 | 39 | 41 | 60 | gblock | ACTIN |
| D | 35 | 40 | 32 | 36 | 21 | 28 | 29 | 45 | 39 | 41 | 60 | NTC |  |
| E | 42 | 34 | 44 | 22 | 24 | 48 | 61 | 63 | 65 | 30 | 64 | 31 | DWV |
| F | 42 | 34 | 44 | 22 | 24 | 48 | 61 | 63 | 65 | 30 | 64 | 31 |  |
| G | 42 | 34 | 44 | 22 | 24 | 48 | 61 | 63 | 65 | 30 | 64 | 31 | ACTIN |
| H | 42 | 34 | 44 | 22 | 24 | 48 | 61 | 63 | 65 | 30 | 64 | 31 |  |

|  | **Stock** | **Final konc** | **20 µl** | **10 µl** |  | **54** | **\* 80%** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **H2O** |  |  |  | 1.475 |  | **79.65** |  |
| **iTaq Universal SYBR Green mix** | 2x | 1x |  | 5 |  | **270** |  |
| **Primer 1** | 10 μM | 0.2 μM |  | 0.2 |  | **10.8** |  |
| **Primer 2** | 10 μM | 0.2 μM |  | 0.2 |  | **10.8** |  |
| **iScript reverse transcriptase** |  | 1x |  | 0.125 |  | 6.75 | **5.4** |
| **Template RNA** |  |  |  | 3 |  | **3** |  |
|  |  |  |  |  |  |  |  |

DWV, ACTIN

Remember to Spin? Completed \_\_\_\_\_\_\_\_