**Supplementary File 1**

**A**

|  |  |
| --- | --- |
| **CRISPR guide** | GAGTCAGCAGCTTCTTGTAGAGG |
| ***CYBC1\_* GF1** | CTTCATAGGAATCTTGTCGATTGGC |
| ***CYBC1*\_ GR1** | GTCCACAAACTCATCTCCTCTCC |

**B**

*CYBC1* clone A07: CRISPR mutation resulting in 46bp frameshift

