**Supplementary File 2:**

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| **sgRNA** | **Sequence** |
| CARD8 sgRNA1 | CUCUGCAGUGACAUCAAACA |
| CARD8 sgRNA2 | UGACGAUUGCGUUUGGUUCC |
| CARD8 sgRNA3 | AGCGUUUGGUUCCCCACUGC |
| AAVS1 sgRNA 1 | GUUAAUGUGGCUCUGGUUCU |
| AAVS1 sgRNA 2 | ACCCCACAGUGGGGCCACUA |
| AAVS1 sgRNA 3 | CCUUCCUAGUCUCCUGAUAU |
| NLRP3 sgRNA 1 | GCUCAGAAUGCUCAUCAUCG |
| NLRP3 sgRNA 2 | GAUGAUGUUGGACUGGGCAU |
| NLRP3 sgRNA 3 | CAAGGCUCACCUCCCGACAG |