**Additional file 2 Primer sequences used in this study for gene cloning.**

|  |  |  |
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| **Primer name** | **Primer sequence (5′-3′)** | **Purpose** |
| gHMGB1-F1 | CCACACGGAAAATCATCAAA | Gene cloning |
| gHMGB1-R1 | TGTACCAGGCAAGGTTAGTGG |
| gHMGB1-F2 | AGTGTGAGGAGGCTGCGTAT | Gene cloning |
| gHMGB1-R2 | CGGCCTTGGCAACTACTTTT |
| rHMGB1-F | CTTGGTACCGAGCTCGGATCCGCCACCATGGGCAAAGGCGATCCTAAG | Gene cloning |
| rHMGB1-R | CTCTAGACTCGAGCGGCCGCTTATTCATCATCATCATCATC |