TBC1D25 Regulates Cardiac Remodeling Through TAK1 Signaling Pathway

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**Supplementary table 1. The primer pairs used in this study**

| Gene name       | Forward primer (mouse)          | Reverse primer (mouse)          |
|-----------------|---------------------------------|---------------------------------|
| ANP             | TCGGAGCCTACGAAGATCCA             | TTCGGTACCGGAAGCTGTGTTG          |
| BNP             | GAAGGACCAAGGCCTCACAA            | TTCAGTCCGTACAGCAGCCCA           |
| MYH7            | CAACCTGTCCAAGTTCGCA             | TACTCCTCATTACGGCCCCCTTG         |
| Collagen Iα     | TGCTAACGTGGTTCGTCAGCCGT         | ACATCTTGAGGTCCGGCATGT           |
| Collagen III A  | ACGTAAGCAGTGGTGGACAG            | CCGGCTGAAGAAGAGTTCTGA           |
| CTGF            | TGACCCTGCAGCCCACA               | TACACCGACCCACCAGACACAG          |
| GAPDH           | ACTCCACTACGCGGCAAATCC           | TCTCCATGGTGGTGAAGACA            |

**Supplementary table 2. The antibodies used in this study**

| Antibody | Manufacturer | Catalogue number | Source of species | Dilution |
|----------|--------------|------------------|-------------------|----------|
| TBC1D25  | Boster       | A11691           | rabbit            | 1:500    |
| ANP      | Abclonal     | A1609            | rabbit            | 1:1000   |
| p-TAK1   | CST          | 4531             | rabbit            | 1:1000   |
| TAK1     | CST          | 5206             | rabbit            | 1:1000   |
| p-ERK    | CST          | 4370             | rabbit            | 1:1000   |
| ERK      | CST          | 4695             | rabbit            | 1:1000   |
| P-JNK    | CST          | 4668             | rabbit            | 1:1000   |
| JNK      | CST          | 9252             | rabbit            | 1:1000   |
| p-p38    | CST          | 4511             | rabbit            | 1:1000   |
| p38      | CST          | 9212             | rabbit            | 1:1000   |
| p-p65    | CST          | 3033             | rabbit            | 1:1000   |
| p65      | CST          | 8242             | rabbit            | 1:1000   |
| Flag     | MBL          | M185             | mouse             | 1:2000   |
| HA       | MBL          | M180-3           | mouse             | 1:2000   |
| GAPDH    | CST          | 2118             | rabbit            | 1:5000   |