**S1 Table**

|  |
| --- |
| **Signal sequences: Junction sequences between signal and ChABC gene** |
|  |
|  | PRL |  | SpeI |
| Prolactin | GTG | AGC | GCA | ACT | AGT |
|  | V | S | A | T | S |
|  |  |  | ChABC |
|  |
|  | MMP-2 |  |  |  |
| MMP-2 | ATC | GCC | GCC | ACT | AGT |
|  | I | A | A | T | S |
|  |
|  | Bsig |  |  |  |
| Native bacterial | CTG | GCC | GCA | ACT | AGT |
|  | L | A | A | T | S |
|  |
|  | Ig |  |  |  |
| Ig kappa | GGT | GAG | GCA | ACT | AGT |
|  | G | D | A | T | S |
|  |
|  | GDNF |  |  |  |
| GDNF | TCT | GCC | GCC | ACT | AGT |
|  | S | A | A | T | S |