

|    |         |     |           |           |     |
|----|---------|-----|-----------|-----------|-----|
| Mm | Tmc1    | 512 | CWETMVGQ. | EFVRLTVSD | 528 |
| Mm | Tmc2    | 556 | CWETAvgI. | EFMRLTVSD | 572 |
| Mm | Tmc3    | 500 | CWETYVGQ. | EMLKLSVID | 516 |
| Mm | Tmc5    | 476 | CWETLIgQ. | DIYRLLLMD | 492 |
| Mm | Tmc6    | 539 | CWEDFVGQ. | ELYRFMVVD | 555 |
| Mm | Tmc4    | 457 | CWETRLGQ. | EMYKLVLFd | 476 |
| Mm | Tmc7    | 484 | CWETQVGQ. | EMYKLMIFD | 500 |
| Mm | Tmc8    | 422 | CWENSVGE. | ELYKLIIFN | 438 |
| Hs | TMC1    | 515 | CWETMVGQ. | EFVRLTVSD | 531 |
| Hs | TMC2    | 558 | CWETAvgI. | EFMRLTVSD | 574 |
| Hs | TMC3    | 498 | CWETYVGQ. | EMLKLSIID | 514 |
| Hs | TMC5    | 478 | CWETLIgQ. | DIYRLLLMD | 494 |
| Hs | TMC6    | 540 | CWEDFVGQ. | ELYRFLVMD | 556 |
| Hs | TMC4    | 470 | CWETVLGQ. | EMYKLLLFd | 486 |
| Hs | TMC7    | 486 | CWETQVGQ. | EMYKLMIFD | 502 |
| Hs | TMC8    | 418 | CWENSVGE. | ELYKLSIFN | 434 |
| Fr | Tmc2rs1 | 625 | CWETAvgI. | EFVKLIVSD | 641 |
| Fr | Tmc2rs2 | 438 | CWETAvgI. | EFVKLTVSD | 454 |
| Fr | Tmc3    | 395 | CWETYVGQV | EMLKLSIID | 412 |
| Fr | Tmc5    | 369 | CWESMVGQ. | ALYRLVFFD | 385 |
| Fr | Tmc6rs1 | 540 | CWESYVGQ. | ELYRFLIME | 556 |
| Fr | Tmc6rs2 | 475 | CWESFVGQ. | ELYRLLLVd | 491 |
| Fr | Tmc4    | 445 | CWETRVGQ. | EMYKLTVFD | 461 |
| Fr | Tmc7    | 456 | CWETRVGQ. | EMYKLTIFD | 472 |
| Ce | TmcAh1  | 629 | CWETIIgQ. | EITKLVTMD | 645 |
| Ce | TmcAh2  | 594 | CWETIIgQ. | EIVKLVTMD | 520 |
| Ag | TmcAh   | 481 | CWETMFGQ. | ELAKLTVMD | 497 |
| Ag | TmcBh   | 399 | CWETAIGQ. | ELYRLLVVD | 415 |
| Ag | TmcCh   | 495 | CWETFVGQ. | QFYKLFIVD | 511 |
| Dr | TmcAh   | 404 | CWETSLGQ. | ELSKVIVFD | 420 |

Consensus: CWETXVGQEly (K/R) LtvXD

■: identical residues  
■: similar residues