**Table S1:** Corresponding accession numbers to the sequences shown in the phylogenetic tree (Figure 1).

|  |  |
| --- | --- |
| **Animal** | **Accession number** |
| ELB\_WW\_Water vole 1\_ clone 1 | MF186640 |
| ELB\_WW\_Water vole 3\_clone 3 | MF186641 |
| ELB\_WW\_Water vole 2\_clone 3 | MF186642 |
| ELB\_WW\_Water vole 2\_clone 2 | MF186643 |
| ELB\_WW\_Water vole 1\_ clone 2 | MF186644 |
| ELB\_WW\_Captive Water vole 3\_Subculture\_clone 4 | MF186645 |
| ELB\_WW\_Captive Water vole 1\_Subculture\_clone 3 | MF186646 |
| ELB\_WW\_Captive Water vole 1\_Subculture\_clone 2 | MF186647 |
| ELB\_WW\_Water vole 34\_clone 3 | MF186648 |
| ELB\_WW\_Water vole 34\_clone 1 | MF186649 |
| ELB\_WW\_Water vole 34\_clone 2 | MF186650 |
| ELB\_WW\_Water vole 32\_clone 3 | MF186651 |
| ELB\_WW\_Water vole 32\_clone 2 | MF186652 |
| ELB\_WW\_Water vole 32\_clone 1 | MF186653 |
| ELB\_WW\_Water vole 30\_clone 3 | MF186654 |
| ELB\_WW\_Water vole 30\_clone 2 | MF186655 |
| ELB\_WW\_Water vole 30\_clone 1 | MF186656 |
| ELB\_WW\_Water vole 5\_clone 2 | MF186657 |
| ELB\_WW\_Water vole 5\_clone 3 | MF186658 |
| ELB\_WW\_Water vole 5\_clone 1 | MF186659 |
| ELB\_WW\_Water vole 5\_clone 5 | MF186660 |
| ELB\_WW\_Water vole 4\_clone 3 | MF186661 |
| ELB\_WW\_Water vole 4\_clone 3 | MF186662 |
| ELB\_WW\_Water vole 4\_clone 1 | MF186663 |
| ELB\_WW\_Elk 1\_clone 3 | MF186664 |
| ELB\_WW\_Elk 1\_clone 1 | MF186665 |
| ELB\_WW\_Bison\_1 | MF186666 |
| ELB\_WW\_Red squirrel\_1 | MF186667 |
| ELB\_WW\_Red deer\_1 | MF186668 |
| ELB\_WW\_Red deer\_2 | MF186669 |
| ELB\_WW\_Captive Water vole\_1 | MF186670 |
| ELB\_WW\_Red deer\_3 | MF186671 |
| ELB\_WW\_Bison\_2 | MF186672 |
| ELB\_WW\_Captive Water vole\_2 | MF186673 |
| ELB\_WW\_Captive Water vole\_3 | MF186674 |
| ELB\_WW\_Bison 2\_1 | MF186675 |
| ELB\_WW\_Bison\_3 | MF186676 |
| ELB\_WW\_Red deer\_4 | MF186677 |
| ELB\_WW\_Bison\_4 | MF186678 |
| ELB\_WW\_Red deer\_5 | MF186679 |
| ELB\_WW\_Bison 2\_2 | MF186680 |
| ELB\_WW\_Bison\_5 | MF186681 |
| ELB\_WW\_Bison\_6 | MF186682 |
| ELB\_WW\_Red deer\_6 | MF186683 |
| ELB\_WW\_Captive Water vole\_4 | MF186684 |
| ELB\_WW\_Red deer\_7 | MF186685 |
| ELB\_WW\_Bison\_7 | MF186686 |
| ELB\_WW\_Captive Water vole\_5 | MF186687 |
| ELB\_WW\_Bison\_8 | MF186688 |
| ELB\_WW\_Red deer\_8 | MF186689 |
| ELB\_WW\_Captive Water vole\_6 | MF186690 |
| ELB\_WW\_Captive Water vole\_7 | MF186691 |
| ELB\_WW\_Captive Water vole\_8 | MF186692 |
| ELB\_WW\_Captive Water vole\_9 | MF186693 |
| ELB\_WW\_Wallaby\_1 | MF186694 |
| ELB\_WW\_Bison\_SP6\_clone 1 | MF186695 |
| ELB\_WW\_Elk\_clone 1 | MF186696 |
| ELB\_WW\_Elk\_clone 3 | MF186697 |
| ELB\_WW\_Goat 2\_clone 1 | MF186698 |
| ELB\_WW\_Goat 2\_clone 2 | MF186699 |
| ELB\_WW\_Muntjac\_clone 3 | MF186700 |
| ELB\_WW\_Pine marten\_clone 1 | MF186701 |
| ELB\_WW\_Water vole 1\_clone 3 | MF186702 |
| ELB\_WW\_Water vole 2\_clone 1 | MF186703 |
| ELB\_WW\_Water vole 3\_clone 2 | MF186704 |
| ELB\_WW\_Water vole 3\_clone 3 | MF186705 |
| ELB\_WW\_Water vole 5\_clone 3 | MF186706 |
| ELB\_WW\_Sheep\_clone 1 | MF186707 |
| ELB\_WW\_Wallaby\_clone 1 | MF186708 |
| ELB\_WW\_Wild boar\_clone 1 | MF186709 |
| ELB\_WW\_Goat 1\_clone 1 | MG592389 |