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| --- | --- | --- | --- | --- | --- |
| SCIENTIFIC NAME | COMMON NAME | HPG | CODE | ORIGIN | GB # |
| *Addax nasomaculatus* | White screw horn antelope | - | - | - | NC\_020674 |
| *Bos taurus* | Cattle | - | - | - | NC\_006853 |
| *Boselaphus tragocamelus* | Nilgai antelope | - | - | - | NC\_020614 |
| *Bubalus bubalis* | Water buffalo | - | - | - | AY488491 |
| *Connochaetes taurinus* | Blue wildebeest | - | - | - | NC\_020699 |
| *Hippotragus niger* | Sable antelope | - | - | - | NC\_020713 |
| *Kobus ellipsiprymnus* | Waterbuck | - | - | - | NC\_020715 |
| *Kobus leche* | Red lechwe | - | - | - | NC\_018603 |
| *Moschus moschiferus* | Siberian musk deer | - | - | - | JN632662 |
| *Oreamnos americanus* | Rocky Mountain goat | - | - | - | FJ207535 |
| *Pantholops hodgsoni* | Tibetan antelope | - | - | - | DQ191826 |
| *Redunca arundinum* | Southern reedbuck | - | - | - | NC\_020794 |
| *Ovis ammon* | Argali | - | - | Kazakhstan | HM236188 |
| *Ovis aries* | Domestic sheep | A | HPG-A1 | Australia | HM236174 |
| A | HPG-A2 | Australia | HM236175 |
| B | HPG-B1 | Turkey | HM236176 |
| B | HPG-B2 | Turkey | HM236177 |
| C | HPG-C1 | Turkey | HM236178 |
| C | HPG-C2 | Turkey | HM236179 |
| D | HPG-D1 | Turkey | HM236180 |
| D | HPG-D2 | Turkey | HM236181 |
| E | HPG-E1 | Israel | HM236182 |
| E | HPG-E2 | Turkey | HM236183 |
| *Ovis orientalis musimon* | mainland Europe mouflon | B | Eur\_M | Germany | HM236184 |
| *Ovis orientalis musimon* | Sardinian mouflon | B | Sar\_M | Italy (Sardinia) | MG489885† |
| *Ovis canadensis* | Bighorn | - | - | Canada | JN181255 |
| *Ovis orientalis* | Asian mouflon | B | As\_M | Kazakhstan | KF938360 |
| *Ovis orientalis ophion* | Cyprus mouflon | - | Cyp\_M | Cyprus | KF312238 |
| *Ovis vignei* | Urial | - | - | Kazakhstan | HM236189 |

† Sequences obtained in the present study.