

Supplementary Table 1: ABCB1/PGP1 orthologs used in this study. All protein sequences used in the present work have been obtained from BLAST analyzes (blastp, psi-blast, phi-blast and tblastn) using HsABCB1 and AtABCB1 translated cDNAs and a scoring threshold of 1000 points, 90% coverage and e-value < 0.01.

| Abbreviation | Acc.No | Species | Abbreviation | Acc. No | Species |
|--------------|----------------|--------------------------------|--------------|----------------|-----------------------------------|
| AmPGP1 | XM_002913968.1 | <i>Ailuropoda melanoleuca</i> | AtPGP1 | NP_181228.1 | <i>Arabidopsis thaliana</i> |
| CjaPGP1 | XM_002751634.1 | <i>Callithrix jacchus</i> | BcPGP1 | ABB47320.1 | <i>Brassica campestris</i> |
| ChfPGP1 | AY582533.1 | <i>Canis lupus familiaris</i> | BrPGP1 | ABB97035.1 | <i>Brassica rapa</i> |
| CaePGP1 | AAX18881.1 | <i>Chlorocebus aethiops</i> | CrPGP1 | ABG56413.1 | <i>Catharanthus roseus</i> |
| CspPGP1 | NM_001243988.1 | <i>Cricetulus sp.</i> | GbPGP1 | ABG75919.1 | <i>Ginko biloba</i> |
| EcPGP1 | XM_001492023.2 | <i>Equus caballus</i> | GhPGP1 | AAF23176.1 | <i>Gossypium hirsutum</i> |
| FcPGP1 | NM_001171064.1 | <i>Felis catus</i> | HbPGP1 | ADZ48235.1 | <i>Hevea brasiliensis</i> |
| HsPGP1 | AAA59575.1 | <i>Homo sapiens</i> | HvPGP1 | BAJ99824.1 | <i>Hordeum vulgare</i> |
| MfPGP1 | AF537134.2 | <i>Macaca fascicularis</i> | JcPGP1 | BAJ53110.1 | <i>Jatropha curcas</i> |
| MmuPGP1 | AY582534.1 | <i>Macaca mulatta</i> | LcPGP1 | AAP72956.1 | <i>Lactuca sativa</i> |
| MmPGP1 | M33581.1 | <i>Mus musculus</i> | OsPGP1 | BAD12940.1 | <i>Oryza sativa</i> |
| NIPGP1 | XM_003252343.1 | <i>Nomascus leucogenys</i> | PpPGP1 | XP_001779184.1 | <i>Physcomitrella patens</i> |
| OaPGP1 | XP_001508941.2 | <i>Ornithohynchus anatinus</i> | PtPGP1 | XP_002323485.1 | <i>Populus trichocarpa</i> |
| OcPGP1 | NM_001082159.1 | <i>Oryctolagus cuniculus</i> | RcPGP1 | XP_002519488.1 | <i>Ricinus communis</i> |
| OaPGP1 | AM491812.1 | <i>Ovis aries</i> | SmPGP1 | XP_002981381.1 | <i>Selaginella moellendorffii</i> |
| PtrPGP1 | XM_001163417.2 | <i>Pan troglodytes</i> | SIPGP1 | NP_001234209.1 | <i>Solanum lycopersicum</i> |
| PaPGP1 | XM_002818276.1 | <i>Pongo abelii</i> | SpPGP1 | ABX82929.1 | <i>Solanum pennellii</i> |
| RnPGP1 | AY582535.1 | <i>Rattus norvegicus</i> | StPGP1 | AAD10836.1 | <i>Solanum tuberosum</i> |
| SsPGP1 | XM_003130205.2 | <i>Sus scrofa</i> | SbPGP1 | AAR10387.1 | <i>Sorghum bicolor</i> |
| | | | TaPGP1 | AK332498.1 | <i>Triticum aestivum</i> |
| | | | VvPGP1 | XP_002266505.1 | <i>Vitis vinifera</i> |
| | | | ZmPGP1 | AAR00316.1 | <i>Zea mays</i> |