**Table S1.** Details of multiple sequence alignment. Selected representative species with their respective NCBI (National Center for Biotechnology Information) accession numbers for *SLC15A4* and *PTGES* gene are summarized.

|  |  |  |
| --- | --- | --- |
| Species | Common Name | NCBI Accession Numbers |
| ***SLC15A4*** | ***PTGES*** |
| Homo sapiens | **Human** | NP\_663623.1 | NP\_004869.1 |
| Mus musculus | **Mouse** | NP\_598656.1 | NP\_071860.1 |
| Rattus norvegicus | **Norway rat** | NP\_653359.1 | NP\_067594.1 |
| Oryctolagus cuniculus | **Rabbit** | XP\_002722114.3 | XP\_017194907.1 |
| Gallus gallus | **Chicken** | XP\_415099.3 | NP\_001181912.1 |
| Pan troglodytes | **Chimpanzee** | XP\_016780109.2 | XP\_009455764.2 |
| Pongo abelii | **Sumatran orangutan** | XP\_002824029.2 | XP\_002820341.1 |
| Callithrix jacchus | **Marmoset** | XP\_009003149.3 | XP\_002743420.1 |
| Macaca mulatta | **Rhesus monkey** | XP\_014965182.2 | NP\_001248097.1 |
| Tupaia chinensis | **Chinese tree shrew** | XP\_006147431.2 | XP\_006154174.2 |
| Sapajus apella | **Tufted capuchin** | XP\_032100059.1 | XP\_032113453.1 |
| Bos taurus | **Cattle** | NP\_001095397.2 | NP\_776868.1 |

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**Figure S1** Histograms of alteration frequencies in different cancers. Data were extracted from cBioPortal (www.cbioportal.org) on 13th of December 2020 using TCGA PanCancer data.

**(a)** Alteration frequencies reported for *SLC15A4*. **(b)** Alteration frequencies reported for *PTGES*.