|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | ***S. mansoni*** | | | | ***S. haematobium*** | | | ***S. japonicum*** | |
| **PDE4A** | **PDE4B** | **PDE4C** | **PDE4D** | **PDE4A (XM\_012943524.1)** | **PDE4B (XM\_012941682.1)** | **PDE4D (XM\_012937519.1)** | **PDE4A (Sjp\_0072560)** | **PDE4B (Sjp\_0099480)** |
| ***S. mansoni*** | **PDE4A** (Smp\_134140) |  | 61 | 51 | 34 | 83 | 62 | 32 | 63 | 33 |
| **PDE4B** (Smp\_141980) | 61 |  | 51 | 35 | 61 | 90 | 33 | 30 | 34 |
| **PDE4C**  (Smp\_129270) | 51 | 51 |  | 33 | 51 | 51 | 30 | 46 | 36 |
| **PDE4D** (Smp\_044060) | 34 | 35 | 33 |  | 34 | 35 | 89 | 37 | 31 |
| ***H. sapiens*** | **PDE4B2** (NP\_001032416) | 59 | 63 | 48 | 34 | 65 | 63 | 31 | 56 | 33 |
| ***C. elegans*** | NP\_495601 | 48 | 61 | 51 | 32 | 45 | 61 | 30 | 45 | 33 |