|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Endpoint (w)** | **INI (n)** | **Ctr (n)** | **VF – INI (n)** | **VF – ctrl (n)** | **Resistance in INI arm** | **Resistance in ctrl arm** |
| **STARTMRK**  | *156* | 281 | 282 | 50 | 54 | 4/19 RAL RAMs; 6/19 FTC RAMs | 7/16 EFV RAMs; 5/16 FTC RAMs |
| **Protocol 004**  | *96* | 160 | 38 | 6 | 2 | 3/6 RAL RAMSs; 1/6 TDF RAMs; 4/6 3TC RAMs | 2/2 EFV RAMs; 2/2 FTC RAMs |
| **GS-236-0102**  | *48* | 348 | 352 | 14 | 17 | 7/14 EVG RAMs; 8/14 NRTI RAMs; 0/14 NNRTI RAMs | 8/17 EFV RAMs; 2/17 NRTI RAMs; 0/17 INI RAMs |
| **SPRING-1**  | *48* | 155 | 50 | 10 | 4 | 0/2 DTG RAMs; 0/2 INI RAMs; 1/2 NRTI RAMs | 0/1 EFV RAMs; 0/1 NRTI RAMs; 0/1 INI RAMs |
| **GS-236-0103**  | *48* | 353 | 355 | 12 | 8 | 4/12 EVG RAMs; 4/12 NRTI RAMs | 0/8 PI RAMs; 0/8 NRTI RAMs; 0/8 INI RAMs |
| **SPRING -2**  | *48* | 413 | 414 | 21 | 33 | No treatment-emergent resistance was observed | 1/? RAL RAMs; 4/? NRTI RAMs |
| **QDMRK**  | *48* | 382 | 388 | 67 | 39 | 9/27 RAL RAMs; 11/28 FTC RAMs | 2/12 RAL RAMs; 4/13 FTC RAMs |
| **SPARTAN**  | *24* | 63 | 31 | 11 | 8 | 4/5 RAL RAMs; 0/6 PI RAMs | No treatment-emergent resistance was observed |
| **PROGRESS**  | *48* | 101 | 105 | 10 | 10 | 2/4 RAL RAMs; 0/4 PI RAMs | 1/3 FTC RAMs; 0/3 TDF RAMs; 0/3 PI RAMs |
| **RADAR**  | *24* | 40 | 40 | 4 | 5 | No treatment-emergent resistance was observed | No treatment-emergent resistance was observed |
| **BENCHMRK 1 and 2**  | *96* | 462 | 237 | 150 | 148 | 73/112 RAL RAMs | No data |
| **Protocol 005**  | *24* | 133 | 45 | 38 | 38 | 35/38 RAL RAMs | No data |
| **GS-183-0145**  | *48* | 205 | 73 | 70 | 77 | 16/60 EVG new RAMs; 4/59 PI RAMs; 8/59 NNRTI RAMs; 7/59 NRTI RAMs | 15/72 RAL new RAMs; 3/75 PI RAMs; 5/75 NNRTI RAMs; 10/75 NRTI RAMs |
| **SWITCHMRK 1 and 2**  | *24* | 353 | 354 | 32 | 17 | 9/11 RAL RAMs; 6/11 NRTI RAMs | 1/3 RAL RAMs; 1/3 NRTI RAMs |
| **SPIRAL**  | *48* | 139 | 134 | 4 | 6 | 0/1 RAL RAMs; 0/1 PI or NRTI RAMs | 3/4 extensive PI or NRTI RAMs |
| **ODIS**  | *24* | 149 | 73 | 12 | 1 |  8/13 RAL RAM; 10/13 NRTI RAM |

**Supplementary Table S1: Overview of resistance data in the controlled studies on INI use**