Vampire4.2	13484	1686.72112	545
Isabelİe2016	11022	833.46051	108
Isabelle-HOT2016	10945	822.4266	79
E2.1 E-SAT2.1	10907 10858	758.36337 748.77883	46 238
Vampire-SAT4.2	10472	748.77883 729.68161	35
CVC41.5.2	9453	658.221	29
Zipperpin1.4	8412	654.83948	26
Z34.4.1	8236	574.12895	24 23
iProver2.7.5 iProver-SAT2.6	8066 7960	514.83677 448.32528	
SPASS3.9	7826	440.32526	
Beagle0.9.47	7631	438.48381	
CVC4-SAT1.5.2	7619	428.58417	
SNARK20120808r022	6917	402.10913	10
LEO-II1.7.0 Leo-III1.2	6703 6618	378.9634 374.55576	
E-Darwin1.5	6538	374.55576 359.71084	9 8
Prover91109a	6432	329.3057	7
Equinox6.0.1a	6071	327.63809	5
iProver-Eq0.85	5921	321.41232	
Darwin1.4.5 Metis2.3	5893 5256	279.59144	4
Bliksem1.12	5256 5202	268.96032 265.03692	
ET2.0	4988	251.04449	
Princess170717	4614	248.61085	3
Geo-III2016C	4573	246.3472	
Twee2.1.5	4319 3817	234.8645	$\times$
Fampire1.3 SInE0.4	3817 3743	220.34405 216.13781	
SRASS0.1	3695	204.59678	2
Gabtatpe1236	3575	202.24939	
		200.64648	
ePrincess1.0 iProverMo2.5-0.1	3402 3355	189.65476 183.60851	$\times$
ZenonModulo0.4.1	3355	183.60851 181.75005	
SOS2.0	3186	173.81307	
lean-nanoCoP1.0	2892	167.41002	
leanCoP2.2	2801	159.45511	
Satallax3.2 FDP0.9.16	2394 2387	155.70645	
Satallax_MaLeS1.3	2036	143.71188 142.74415	\
Faust1.0	1884	110.73791	
SuperZenon0.0.1	1868	107.25136	
Zenon0.7.1	1802	105.75849	
S-SETHEO0.0	1768	104.46689	
agsyHOL1.0 Nitpick2016	1742 1718	90.51958 89.09083	
Muscadet4.5	1698	88.7314	
Paradox4.0	1565	87.85906	
TPS3.120601S1b	1480	86.80079	
DarwinFM1.4.5	1400	82.29643	
Otter3.3 SETHEO3.3	1294 1100	71.03751 66.11056	
Mace41109a	1039	58.25823	
Waldmeister710	841	56.91691	
SPASS+T2.2.22	812	55.46965	0
CARINE0.734	745 722	48.69159	
cocATP0.2.0 GrAnDe1.1	722 645	43.27135 39.96252	
Fiesta2	633	37.24205	
EQP0.9e	571	29.34648	
Matita1.0	551	24.61934	
CiME2.01	530	23.71346	
SPASS-XDB0.8 Refute2015	479 463	22.62929 22.62366	
ScavengerEP-0.2	403 5	0.22222	
Crossbow0.1	$\tilde{2}$	0.19271	
HOLyHankattakkypex14066	0	0	

Vampire——4.2 Nitpick——2016 Leo-III——1.2 DCTP——1.31 Satallax——3.2 Vampire—SAT——4.2 Twee——2.1.5 Waldmeister——710 Z3——4.4.1 CVC4——1.5.2 EPS——2.30.120601S1b

**EPiptametiqui/10--1:12:4**5-0.1

Prover9---1109a

iProver---2.7.5 Geo-III---2016C agsyHOL---1.0 SNARK---20120808r022

**DEMORES** AT **3.49**751 75.72

**SEE-CANOTIP**\* **SMATUZE (\$)** 2.6-1.3

**Established (2003)6-**0.4.1

**EXPLIGITATION DESCRIPTION**