

Set of rules with size 2

S.No.	Invariants	Accuracy (%)
1	MV301=OFF, MV302=ON => MV303=OFF, FIT301>Delta	100
2	MV302=ON, MV303=OFF => FIT301>Delta	100
3	MV303=OFF, FIT301>Delta => MV301=OFF	100
4	P602=ON, FIT101>Delta => MV101=ON, MV301=ON, MV302=OFF, MV304=OFF, P302=OFF, FIT301<Delta	100
5	P602=ON, MV101=ON => FIT301<Delta, MV301=ON, MV302=OFF, MV304=OFF, P302=OFF	100
6	P602=ON, FIT301<Delta => MV301=ON, MV302=OFF, MV304=OFF, P302=OFF	100
7	P602=ON, MV301=ON => MV302=OFF, MV304=OFF, P302=OFF,	100
8	P602=ON, MV304=OFF => MV302=OFF	100
9	P602=ON, P302=OFF => MV302=OFF, MV304=OFF	100
10	MV301=ON, FIT101>Delta => MV101=ON, FIT301<Delta, MV302=OFF, MV304=OFF, P302=OFF	100
11	MV301=ON, MV101=ON => FIT301<Delta, MV302=OFF, MV304=OFF, P302=OFF	100
12	MV301=ON, FIT301<Delta => MV302=OFF, MV304=OFF, P302=OFF	100
13	MV301=ON, MV302=OFF => MV304=OFF, P302=OFF	100
14	MV301=ON, MV304=OFF => P302=OFF	100
15	FIT601>Delta, FIT101>Delta => MV101=ON, FIT301<Delta, MV302=OFF, MV303=ON, MV304=OFF, P302=OFF	100
16	FIT601>Delta, MV101=ON => FIT301<Delta, MV302=OFF, MV303=ON, MV304=OFF, P302=OFF	100
17	FIT601>Delta, FIT301<Delta => MV302=OFF, MV303=ON, MV304=OFF, P302=OFF	100
18	FIT601>Delta, MV302=OFF => MV303=ON, MV304=OFF, P302=OFF	100
19	FIT601>Delta, MV304=OFF => MV303=ON	100
20	FIT601>Delta, P302=OFF => MV303=ON, MV304=OFF	100
21	MV303=ON, FIT101>Delta => MV101=ON, FIT301<Delta, MV302=OFF,	100
22	MV303=ON, FIT301<Delta => MV101=ON, MV302=OFF	100
23	MV303=ON, MV302=OFF => MV101=ON	100
24	MV304=ON, MV301=OFF => FIT601<Delta, P602=OFF	100
25	MV304=ON, FIT601<Delta => P602=OFF	100
26	MV201=OFF, P101=OFF => P203=OFF, P205=OFF	100
27	MV201=OFF, P203=OFF => P205=OFF	100
28	FIT201<Delta, P203=OFF => P205=OFF	100
29	FIT101<Delta, MV101=OFF => MV301=OFF, MV303=OFF, FIT601<Delta, P602=OFF	100
30	FIT101<Delta, MV301=OFF => MV303=OFF, FIT601<Delta, P602=OFF	100
31	FIT101<Delta, MV303=OFF => FIT601<Delta, P602=OFF	100
32	FIT101<Delta, FIT601<Delta => P602=OFF	100
33	MV101=OFF, MV301=OFF => MV303=OFF, FIT601<Delta, P602=OFF	100
34	MV101=OFF, MV303=OFF => FIT601<Delta, P602=OFF	100
35	MV101=OFF, FIT601<Delta => P602=OFF	100
36	P203=ON, FIT201>Delta => MV201=ON, P205=ON	100
37	P203=ON, P205=ON => MV201=ON	100
38	P205=ON, FIT201>Delta => MV201=ON	100
39	MV302=ON, FIT301>Delta => MV301=OFF, MV303=OFF	100
40	MV302=ON, MV301=OFF => MV303=OFF, FIT601<Delta, P602=OFF	100
41	MV302=ON, FIT301>Delta => FIT601<Delta, P602=OFF	100
42	MV302=ON, MV303=OFF => FIT601<Delta, P602=OFF	100
43	MV302=ON, FIT601<Delta => P602=OFF	100
44	P302=ON, MV301=OFF => FIT601<Delta, P602=OFF	100
45	P302=ON, FIT601<Delta => P602=OFF	100
46	FIT301>Delta, MV301=OFF => MV303=OFF, FIT601<Delta, P602=OFF	100
47	FIT301>Delta, MV303=OFF => FIT601<Delta, P602=OFF	100
48	FIT301>Delta, FIT601<Delta => P602=OFF	100
49	MV301=OFF, P302=ON => MV303=OFF	99.96
50	MV302=ON, MV304=OFF => MV303=OFF	99.9
51	MV301=OFF, MV302=ON => MV304=OFF	99.9
52	MV302=ON, MV304=OFF => FIT301>Delta	99.9
53	MV302=ON, MV303=OFF => P302=2	99.87
54	MV302=ON. MV301=OFF => P302=ON	99.87
55	P302=ON, MV302=ON => FIT301>Delta	99.87
56	P302=ON, MV302=ON => MV304=OFF	99.78
57	P302=ON, MV302=ON, MV303=OFF => MV304=OFF	99.78
58	P302=ON, MV303=OFF => FIT301>Delta	99.74
59	MV301=OFF, P302=ON => FIT301>Delta	99.74
60	P602=ON, MV201=ON => FIT101>Delta	99.14
61	P602=ON, MV201=ON => MV101=ON	99.14
62	P602=ON, FIT301<Delta => MV201=ON	99.14
63	P602=ON, MV301=ON => MV201=ON	99.14

64	P602=ON, MV302=OFF => MV201=ON	99.14
65	P602=ON, MV303=ON => FIT201>Delta	99.05
66	P602=ON, MV303=ON => MV201=ON	98.98
67	MV303=OFF, MV304=OFF => MV301=OFF	98.7
68	MV304=OFF, FIT301>Delta => MV303=OFF	98.36
69	MV301=OFF, FIT301>Delta => MV304=OFF	97.84
70	P302=ON, MV303=OFF => MV304=OFF	97.58
71	P302=ON, MV304=OFF =>MV301=OFF	97.58
72	P302=ON, MV304=OFF => FIT301>Delta	97.58
73	MV301=OFF, P302=ON, MV303=OFF => MV304=OFF	97.58
74	P302=ON, MV303=OFF, MV304=OFF => FIT301>Delta	97.58