

2016/02/28

Do

Disp

1

DISPONIBILITA'

Lav	
07:36	

2016/02/29

Lu

2

INTERVALLO

2016/03/01

Ma

3

Riposo

	Rip.
	60:05

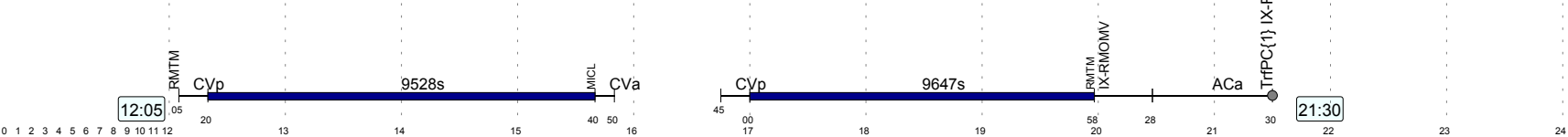
2016/03/02

Me

FR1213

4

Lav	Cef
09:25	06:18
Km	Not
1135	No
Rip.G	
19:35	



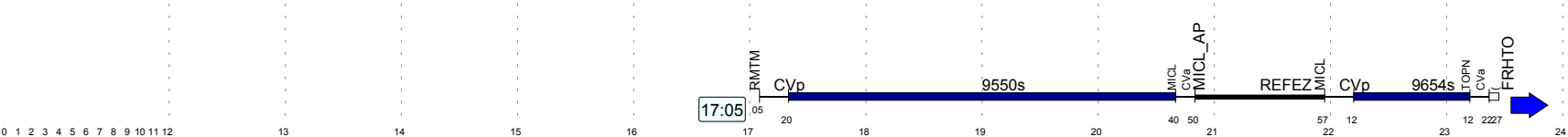
2016/03/03

Gi

FR1223

5

Lav	Cef
06:17	04:20
Km	Not
716	No
RFR	
08:03	



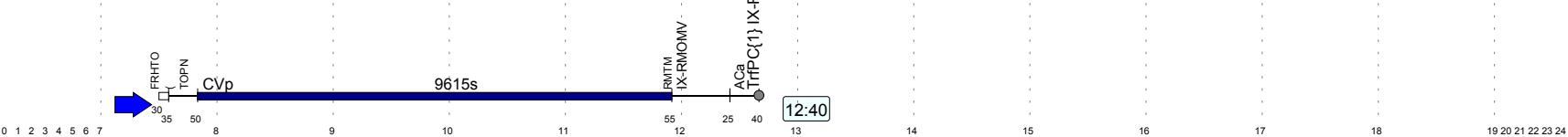
2016/03/04

Ve

FR1223

6

Lav	Cef
05:05	04:05
Km	Not
716	No
Rip.G	
16:20	



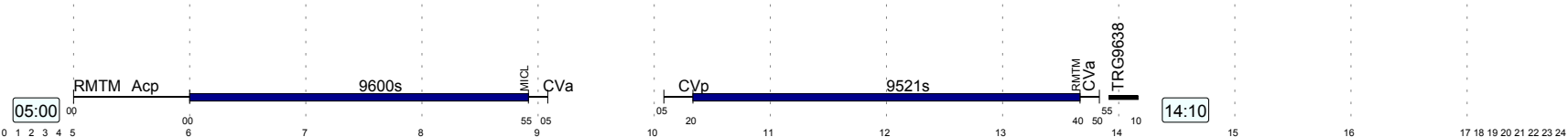
2016/03/05

Sa

FR1200

7

Lav	Cef
09:10	06:15
Km	Not
1133	No
Rip.G	
00:00	



2016/03/06

Do

8

FERIE

2016/03/07

Lu

9

Riposo

	Rip.
	43:45

2016/03/08

Ma

FR1226

10

Lav	Cef
03:20	02:55
Km	Not
566	No
RFR	
09:00	



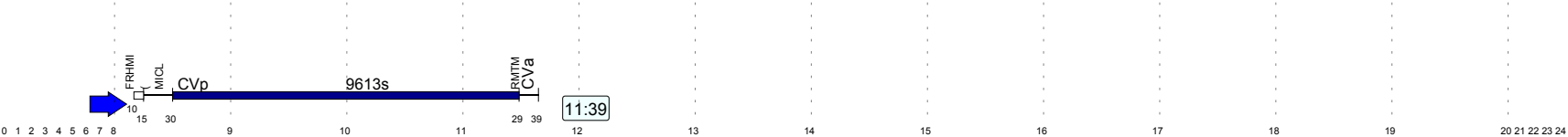
2016/03/09

Me

FR1226

11

Lav	Cef
03:24	02:59
Km	Not
565	No
Rip.G	
00:00	



2016/03/10

Gi

12

FERIE

2016/03/11

Ve

13

FERIE

2016/03/12

Sa

14

INTERVALLO

2016/03/13

Do

15

Riposo Weekend

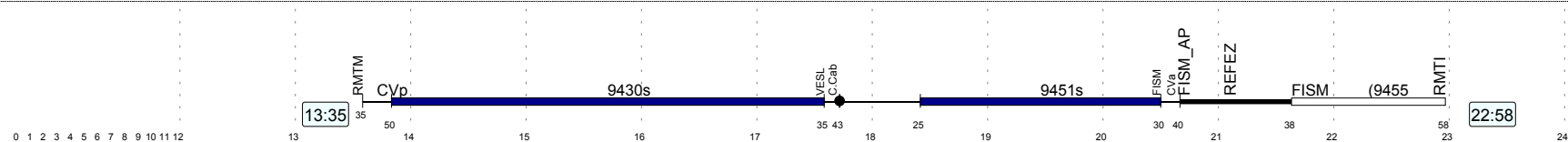
	Rip.
	61:35

2016/03/14

Lu

FR1216

16



Lav	Cef
09:23	05:50
Km	Not
761	No
Rip.G	
00:00	

2016/03/15

Ma

Disp

17

DISPONIBILITA'

Lav	
07:36	

2016/03/16

Me

18

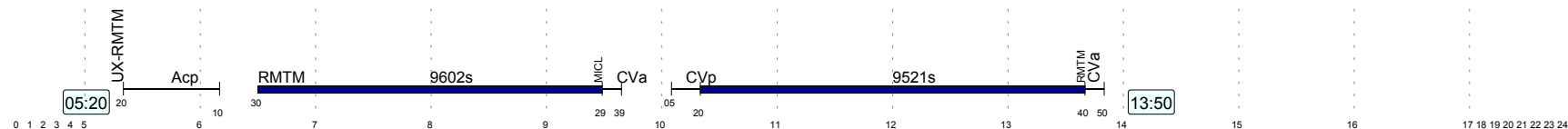
FERIE

2016/03/17

Gi

FR1200

19



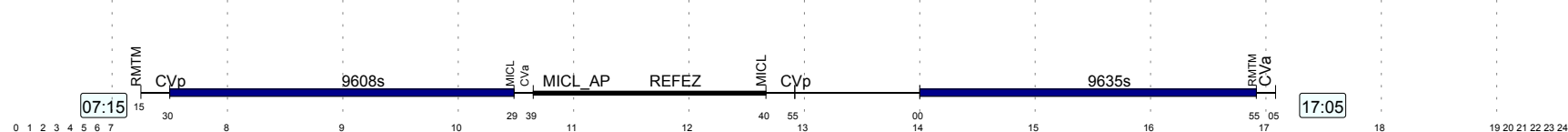
Lav	Cef
08:30	06:19
Km	Not
1133	No
Rip.G	
17:25	

2016/03/18

Ve

FR1205

20



Lav	Cef
09:50	05:54
Km	Not
1131	No
Rip.G	
00:00	

2016/03/19

Sa

21

Riposo Weekend

	Rip.
	68:40

2016/03/20

Do

22

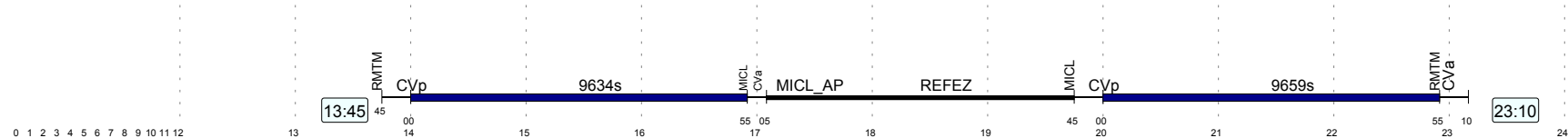
INTERVALLO

2016/03/21

Lu

FR1217

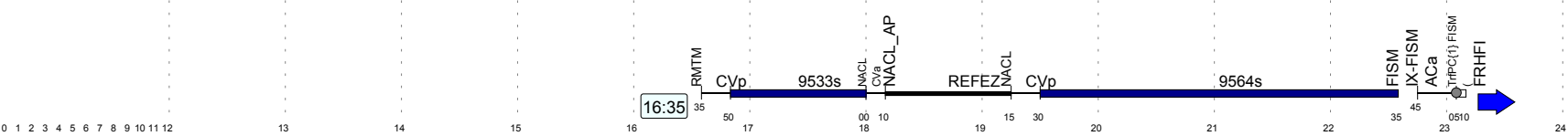
23



Lav	Cef
09:25	05:50
Km	Not
1131	No
Rip.G	
17:25	

2016/03/22

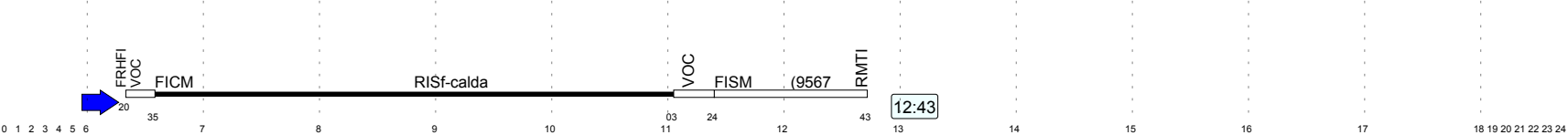
Ma  
FR1222  
24



Lav	Cef
06:30	04:15
Km	Not
712	No
RFR	
07:10	

2016/03/23

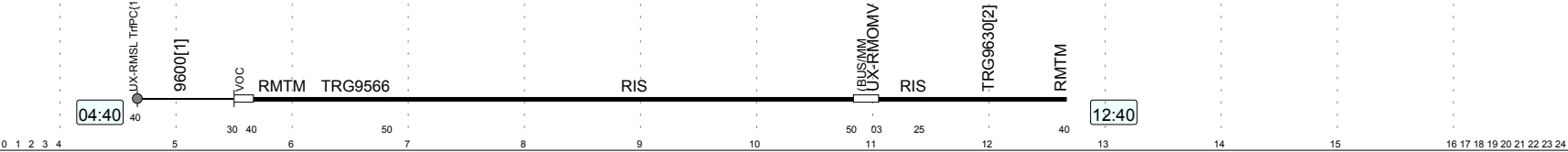
Me  
FR1222  
25



Lav	Cef
06:23	00:00
Km	Not
0	No
Rip.G	
15:57	

2016/03/24

Gi  
FR-RM01  
26



NOTE: [1]ETR1000 [2]ETR1000

Lav	Cef
08:00	00:00
Km	Not
0	Si
Rip.G	
00:00	

2016/03/25

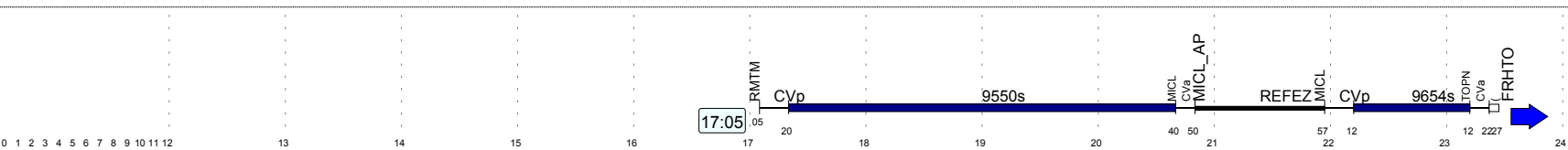
Ve  
27

Riposo

	Rip.
	52:25

2016/03/26

Sa  
FR1223  
28



Lav	Cef
06:17	04:20
Km	Not
716	No
RFR	
08:03	

2016/03/27

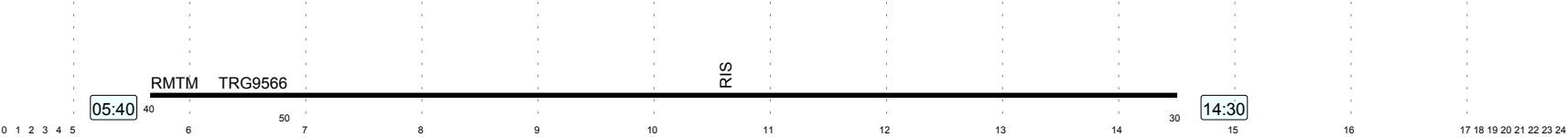
Do  
FR1223  
29



Lav	Cef
04:30	04:05
Km	Not
714	No
Rip.G	
17:35	

2016/03/28

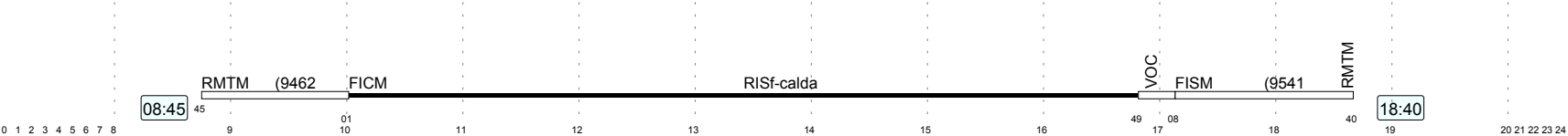
Lu  
FR-RM01  
30



Lav	Cef
08:50	00:00
Km	Not
0	No
Rip.G	
18:15	

2016/03/29

Ma  
FR-RM04  
31



Lav	Cef
09:55	00:00
Km	Not
0	No
Rip.G	
00:00	

2016/03/30

Me  
32

INTERVALLO

2016/03/31

Gi  
33

Riposo

	Rip.
	66:04

Genomic map showing the 9584s and 9655s regions. The map includes labels for various genes and features: UX-RMPP, Acp, RMTM, MCL, Cya, TMCL-AP, REFZ, MCL, CVp, RMTM, and Cya. The map is divided into segments numbered 0 to 24. Time markers 12:44 and 22:05 are shown at the beginning and end of the map.

Lav	
07:36	

Lav	Cef
08:15	06:15
Km	Not
1133	No
Rip.G	
19:45	

Lav	Cef
03:20	02:55
Km	Not
566	No
RFR	
09:00	

Lav	Cef
03:24	02:59
Km	Not
565	No
Rip.G	
00:00	

	Rip.
	53:26

Lav	Cef
06:17	04:20
Km	Not
716	No
RFR	
08:03	

Timeline diagram showing the sequence of events from 0 to 24 hours. Key events include ERTO (Emergency Response Team) at 30 minutes, TOPN (Total Onboard Personnel) at 35 minutes, CVp (Crew Vehicle) at 50 minutes, 9615s (9615 seconds) at 10:55, ERMTM (Emergency Response Mission Team) at 12:00, IX-RMPP (IX-RMPP) at 12:00, and ACa (Academy) at 12:50. A blue arrow points to the 30-minute mark.

Lav	Cef
05:15	04:05
Km	Not
716	No
Rip.G	
16:10	

Figure 1: Schematic representation of the two experiments. The top part shows the first experiment with a timeline from 00:00 to 09:05. It includes a 5-minute RMTM period, a 6-minute Acp period, a 9600-second (2.67-hour) dark period, a 55-minute MICL period, and a 5-minute CVa period. The bottom part shows the second experiment with a timeline from 10:05 to 14:10. It includes a 20-minute CVp period, a 9521-second (2.64-hour) dark period, a 40-minute RMTM period, a 55-minute CVa period, and a 14-minute TRG9638 period.

Lav	Cef
09:10	06:15
Km	Not
1133	No
Rip.G	
00:00	

Lav	
07:36	

2016/04/11

Lu  
Disp  
44

DISPONIBILITA'

Lav	
07:36	

2016/04/12

Ma  
45

Riposo

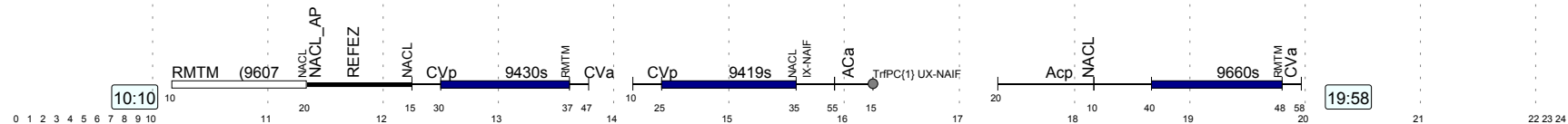
	Rip.
	58:10

2016/04/13

Me  
46

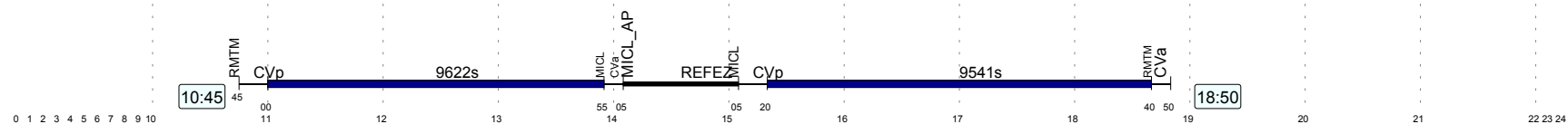
INTERVALLO

2016/04/14

Gi  
FR1209  
47

Lav	Cef
09:48	03:25
Km	Not
669	No
Rip.G	
14:47	

2016/04/15

Ve  
FR1210  
48

Lav	Cef
08:05	06:15
Km	Not
1133	No
Rip.G	
15:55	

2016/04/16

Sa  
FR1212  
49

Lav	Cef
09:23	05:53
Km	Not
1131	No
Rip.G	
00:00	

2016/04/17

Do  
50

INTERVALLO

2016/04/18

Lu  
51

Riposo

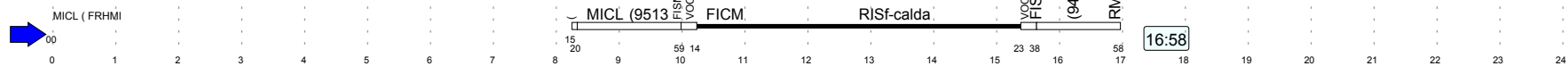
	Rip.
	71:12

2016/04/19

Ma  
FR1225  
52

Lav	Cef
08:38	00:00
Km	Not
0	No
Rip.G	
20:22	

2016/04/20

Me  
FR1225  
53

Lav	Cef
04:35	04:10
Km	Not
569	No
Rip	

Lav	Cef
08:38	00:00
Km	Not
0	No
RFR	

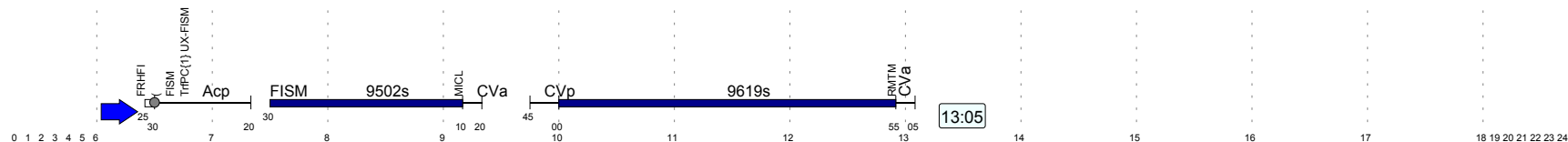
2016/04/21

Gi  
FR-RM06  
54

Lav	Cef
08:55	00:00
Km	Not
0	No
RFR	
08:10	

2016/04/22

Ve  
FR-RM06  
55



Lav	Cef
06:35	05:25
Km	Not
872	No
Rip.G	
00:00	

2016/04/23

Sa

56

2016/04/24

Do

57

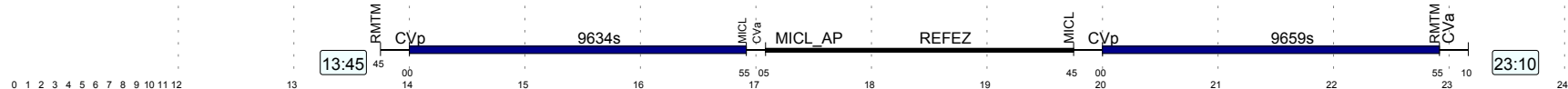
INTERVALLO

Riposo Weekend

	Rip.
	72:40

2016/04/25

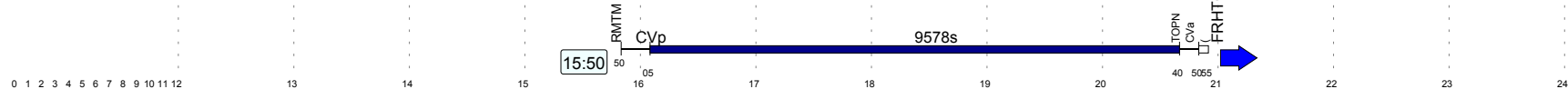
Lu  
FR1217  
58



Lav	Cef
09:25	05:50
Km	Not
1131	No
Rip.G	
16:40	

2016/04/26

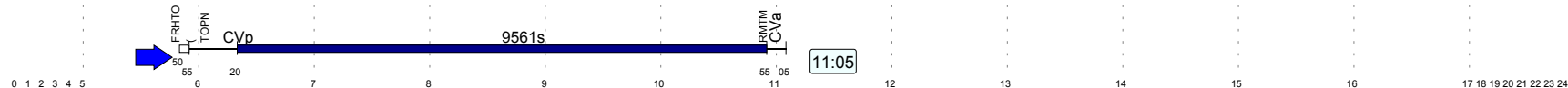
Ma  
FR1220  
59



Lav	Cef
05:00	04:35
Km	Not
714	No
RFR	
08:55	

2016/04/27

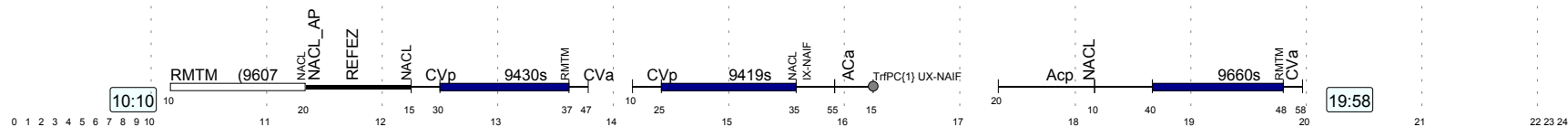
Me  
FR1220  
60



Lav	Cef
05:10	04:35
Km	Not
714	No
Rip.G	
23:05	

2016/04/28

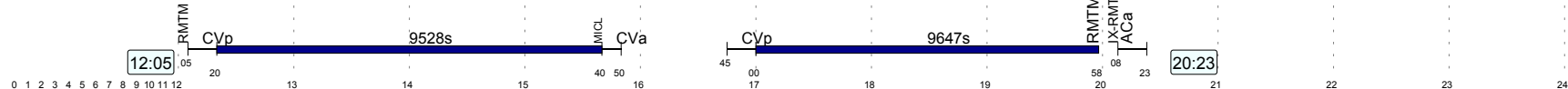
Gi  
FR1209  
61



Lav	Cef
09:48	03:25
Km	Not
669	No
Rip.G	
16:07	

2016/04/29

Ve  
FR1213  
62



Lav	Cef
08:18	06:18
Km	Not
1133	No
Rip.G	
00:00	

2016/04/30

Sa

63

2016/05/01

Do

64

2016/05/02

Lu

65

Riposo Weekend

NON ASSEGNATO

NON ASSEGNATO

	Rip.
	00:00

2016/05/03	NON ASSEGNATO					
Ma						
66						
2016/05/04	NON ASSEGNATO					
Me						
67						
2016/05/05	NON ASSEGNATO					
Gi						
68						
2016/05/06	Riposo	<table><tr><td></td><td>Rip.</td></tr><tr><td></td><td>00:00</td></tr></table>		Rip.		00:00
	Rip.					
	00:00					
Ve						
69						
2016/05/07	NON ASSEGNATO					
Sa						
70						
2016/05/08	NON ASSEGNATO					
Do						
71						
2016/05/09	NON ASSEGNATO					
Lu						
72						
2016/05/10	NON ASSEGNATO					
Ma						
73						
2016/05/11	NON ASSEGNATO					
Me						
74						
2016/05/12	Riposo	<table><tr><td></td><td>Rip.</td></tr><tr><td></td><td>00:00</td></tr></table>		Rip.		00:00
	Rip.					
	00:00					
Gi						
75						
2016/05/13	NON ASSEGNATO					
Ve						
76						
2016/05/14	NON ASSEGNATO					
Sa						
77						
2016/05/15	NON ASSEGNATO					
Do						
78						
2016/05/16	NON ASSEGNATO					
Lu						
79						
2016/05/17	NON ASSEGNATO					
Ma						
80						
2016/05/18	Riposo	<table><tr><td></td><td>Rip.</td></tr><tr><td></td><td>00:00</td></tr></table>		Rip.		00:00
	Rip.					
	00:00					
Me						
81						
2016/05/19	NON ASSEGNATO					
Gi						
82						
2016/05/20	NON ASSEGNATO					
Ve						
83						

2016/05/21	NON ASSEGNATO					
Sa						
84						
2016/05/22	NON ASSEGNATO					
Do						
85						
2016/05/23	NON ASSEGNATO					
Lu						
86						
2016/05/24	Riposo	<table><tr><td></td><td>Rip.</td></tr><tr><td></td><td>00:00</td></tr></table>		Rip.		00:00
	Rip.					
	00:00					
Ma						
87						
2016/05/25	NON ASSEGNATO					
Me						
88						
2016/05/26	NON ASSEGNATO					
Gi						
89						
2016/05/27	NON ASSEGNATO					
Ve						
90						
2016/05/28	NON ASSEGNATO					
Sa						
91						
2016/05/29	NON ASSEGNATO					
Do						
92						
2016/05/30	Riposo	<table><tr><td></td><td>Rip.</td></tr><tr><td></td><td>00:00</td></tr></table>		Rip.		00:00
	Rip.					
	00:00					
Lu						
93						
2016/05/31	NON ASSEGNATO					
Ma						
94						
2016/06/01	NON ASSEGNATO					
Me						
95						
2016/06/02	NON ASSEGNATO					
Gi						
96						
2016/06/03	NON ASSEGNATO					
Ve						
97						
2016/06/04	NON ASSEGNATO					
Sa						
98						
2016/06/05	Riposo Weekend	<table><tr><td></td><td>Rip.</td></tr><tr><td></td><td>00:00</td></tr></table>		Rip.		00:00
	Rip.					
	00:00					
Do						
99						
2016/06/06	NON ASSEGNATO					
Lu						
100						
2016/06/07	NON ASSEGNATO					
Ma						
101						



2016/06/08	NON ASSEGNATO
Me	
102	
2016/06/09	NON ASSEGNATO
Gi	
103	
2016/06/10	NON ASSEGNATO
Ve	
104	
2016/06/11	Riposo Weekend
Sa	
105	

	Rip.
	00:00