



## Clinical trial results:

**Phase 3 open label study evaluating the efficacy and safety of pegylated interferon lambda-1a, in combination with ribavirin and daclatasvir, for treatment of chronic HCV infection with treatment naïve genotypes 1, 2, 3 or 4 in subjects co-infected with HIV.**

### Summary

|                          |                   |
|--------------------------|-------------------|
| EudraCT number           | 2012-003280-22    |
| Trial protocol           | GB BE IT DE ES FR |
| Global end of trial date | 27 August 2015    |

### Results information

|                                |                |
|--------------------------------|----------------|
| Result version number          | v1 (current)   |
| This version publication date  | 21 August 2016 |
| First version publication date | 21 August 2016 |

### Trial information

#### Trial identification

|                       |           |
|-----------------------|-----------|
| Sponsor protocol code | AI452-032 |
|-----------------------|-----------|

#### Additional study identifiers

|                                    |             |
|------------------------------------|-------------|
| ISRCTN number                      | -           |
| ClinicalTrials.gov id (NCT number) | NCT01866930 |
| WHO universal trial number (UTN)   | -           |

Notes:

### Sponsors

|                              |   |
|------------------------------|---|
| Sponsor organisation name    | Bristol-Myers Squibb  |
| Sponsor organisation address | Chaussée de la Hulpe 185, Brussels, Belgium, 1170   |
| Public contact               | EU Study Start-Up Unit, Bristol-Myers Squibb International Corporation, clinical.trials@bms.com |
| Scientific contact           | EU Study Start-Up Unit, Bristol-Myers Squibb International Corporation, clinical.trials@bms.com |

Notes:

### Paediatric regulatory details

|  |    |
|--|----|
| Is trial part of an agreed paediatric investigation plan (PIP)       | No |
| Does article 45 of REGULATION (EC) No 1901/2006 apply to this trial? | No |
| Does article 46 of REGULATION (EC) No 1901/2006 apply to this trial? | No |

Notes:

## Results analysis stage

|  |                |
|--|----------------|
| Analysis stage                                       | Final          |
| Date of interim/final analysis                       | 27 August 2015 |
| Is this the analysis of the primary completion data? | No             |

|                                  |                |
|----------------------------------|----------------|
| Global end of trial reached?     | Yes            |
| Global end of trial date         | 27 August 2015 |
| Was the trial ended prematurely? | Yes            |

Notes:

## General information about the trial

Main objective of the trial:

To evaluate Sustained Virologic Response at post treatment Week 12 (SVR12) following treatment with Lambda/RBV/DCV in chronic HCV GT-1, -2, -3 or -4 subjects co-infected with HIV-1.

Protection of trial subjects:

The study was in compliance with the ethical principles derived from the Declaration of Helsinki and in compliance with all International Conference on Harmonization Good Clinical Practice Guidelines. All the local regulatory requirements pertinent to safety of trial subjects were followed.

Background therapy: -

Evidence for comparator: -

|   |             |
|---|-------------|
| Actual start date of recruitment                          | 31 May 2013 |
| Long term follow-up planned                               | No          |
| Independent data monitoring committee (IDMC) involvement? | No          |

Notes:

## Population of trial subjects

### Subjects enrolled per country

|                                      |                        |
|--------------------------------------|------------------------|
| Country: Number of subjects enrolled | Poland: 18             |
| Country: Number of subjects enrolled | Spain: 93              |
| Country: Number of subjects enrolled | United Kingdom: 25     |
| Country: Number of subjects enrolled | Belgium: 18            |
| Country: Number of subjects enrolled | France: 30             |
| Country: Number of subjects enrolled | Germany: 16            |
| Country: Number of subjects enrolled | Italy: 58              |
| Country: Number of subjects enrolled | Argentina: 38          |
| Country: Number of subjects enrolled | Canada: 43             |
| Country: Number of subjects enrolled | Mexico: 13             |
| Country: Number of subjects enrolled | Russian Federation: 54 |
| Country: Number of subjects enrolled | United States: 47      |
| Worldwide total number of subjects   | 453                    |
| EEA total number of subjects         | 258                    |

Notes:

### Subjects enrolled per age group

|          |   |
|----------|---|
| In utero | 0 |
|----------|---|

|   |     |
|---|-----|
| Preterm newborn - gestational age < 37 wk | 0   |
| Newborns (0-27 days)                      | 0   |
| Infants and toddlers (28 days-23 months)  | 0   |
| Children (2-11 years)                     | 0   |
| Adolescents (12-17 years)                 | 0   |
| Adults (18-64 years)                      | 450 |
| From 65 to 84 years                       | 3   |
| 85 years and over                         | 0   |

## Subject disposition

### Recruitment

Recruitment details:

Subjects were enrolled at 58 investigational sites in 13 countries.

### Pre-assignment

Screening details:

A total of 453 subjects were enrolled in the study. 300 subjects were randomized and received treatment. 153 subjects were not randomized to a treatment group due to Adverse Event (3), withdrawal of consent (13), loss to follow-up (4), administrative reasons per sponsor (5), no longer met study criteria (105), or other reasons (23).

### Period 1

|                              |                         |
|------------------------------|-------------------------|
| Period 1 title               | Treatment Period        |
| Is this the baseline period? | Yes                     |
| Allocation method            | Randomised - controlled |
| Blinding used                | Not blinded             |

### Arms

|                              |                            |
|------------------------------|----------------------------|
| Are arms mutually exclusive? | Yes                        |
| <b>Arm title</b>             | Cohort A: HCV GT-2 or GT-3 |

Arm description:

Subjects with HCV (Genotype 2 or 3) and HIV co-infection were treated with Lambda/RBV/DCV for 12 weeks followed by Lambda/RBV for 12 weeks, for a total treatment duration of 24 weeks.

|  |                                |
|--|--------------------------------|
| Arm type                               | Experimental                   |
| Investigational medicinal product name | Pegylated interferon Lambda-1a |
| Investigational medicinal product code |                                |
| Other name                             | Lambda, pegIFN-1a, BMS-914143  |
| Pharmaceutical forms                   | Solution for injection         |
| Routes of administration               | Subcutaneous use               |

Dosage and administration details:

Subjects were administered 180µg of Lambda via subcutaneous injection, once weekly, for a planned duration of 24 weeks.

|  |                 |
|--|-----------------|
| Investigational medicinal product name | Ribavirin       |
| Investigational medicinal product code |                 |
| Other name                             | RBV, Ribasphere |
| Pharmaceutical forms                   | Tablet          |
| Routes of administration               | Oral use        |

Dosage and administration details:

Subjects were administered 200 mg Ribavirin tablets, orally, twice daily, for a planned duration of 24 weeks. Subjects received a total dose of 800 mg/day in two divided doses (two 200 mg tablets in the morning with food and two 200 mg tablets in the evening with food).

|  |                 |
|--|-----------------|
| Investigational medicinal product name | Daclatasvir     |
| Investigational medicinal product code |                 |
| Other name                             | DCV, BMS-790052 |
| Pharmaceutical forms                   | Tablet          |
| Routes of administration               | Oral use        |

Dosage and administration details:

Subjects were administered 30 mg Daclatasvir tablets, orally, once daily, for a maximum of 12 weeks. The total daily dose was 30, 60 or 90 mg depending on the HIV concomitant regimen.

|                  |                            |
|------------------|----------------------------|
| <b>Arm title</b> | Cohort B: HCV GT-1 or GT-4 |
|------------------|----------------------------|

Arm description:

Subjects with HCV (Genotype 1 or 4) and HIV co-infection were treated with Lambda/RBV/DCV for 12

weeks followed by Lambda/RBV for either 12 or 36 weeks. Subjects who achieved an extended rapid virologic response (eRVR) during the initial 12 weeks of treatment with Lambda/RBV/DCV were then treated with Lambda/RBV for 12 weeks for a total of 24 weeks. Subjects who did not achieve eRVR during the initial 12 weeks of treatment with Lambda/RBV/DCV were then treated with Lambda/RBV for 36 weeks for a total of 48 weeks.

|  |                                |
|--|--------------------------------|
| Arm type                               | Experimental                   |
| Investigational medicinal product name | Pegylated interferon Lambda-1a |
| Investigational medicinal product code |                                |
| Other name                             | Lambda, pegIFN-1a, BMS-914143  |
| Pharmaceutical forms                   | Solution for injection         |
| Routes of administration               | Subcutaneous use               |

Dosage and administration details:

Subjects were administered 180µg of Lambda via subcutaneous injection, once weekly, for a maximum of 48 weeks.

|  |                 |
|--|-----------------|
| Investigational medicinal product name | Ribavirin       |
| Investigational medicinal product code |                 |
| Other name                             | RBV, Ribasphere |
| Pharmaceutical forms                   | Tablet          |
| Routes of administration               | Oral use        |

Dosage and administration details:

Subjects were administered 200 mg Ribavirin tablets , orally, twice daily, for a maximum duration of 48 weeks. For subjects weighing < 75 kg, the total dose was 1000 mg/day in two divided doses (two 200 mg tablets in the morning with food and three 200 mg tablets in the evening with food). For subjects weighing ≥ 75 kg, the total dose was 1200 mg/day in two divided doses (three 200 mg tablets in morning with food and three 200 mg tablets in evening with food).

|  |                 |
|--|-----------------|
| Investigational medicinal product name | Daclatasvir     |
| Investigational medicinal product code |                 |
| Other name                             | DCV, BMS-790052 |
| Pharmaceutical forms                   | Tablet          |
| Routes of administration               | Oral use        |

Dosage and administration details:

Subjects were administered 30 mg Daclatasvir tablets, orally, once daily, for a maximum of 12 weeks. The total daily dose was 30, 60 or 90 mg depending on the HIV concomitant regimen.

| <b>Number of subjects in period 1<sup>[1]</sup></b> | <b>Cohort A: HCV GT-2 or GT-3</b> | <b>Cohort B: HCV GT-1 or GT-4</b> |
|---|-----------------------------------|-----------------------------------|
| Started   | 104                               | 196                               |
| Completed   | 95                                | 161                               |
| Not completed                                       | 9                                 | 35                                |
| Consent withdrawn by subject                        | -                                 | 3                                 |
| Adverse event, non-fatal                            | 4                                 | 12                                |
| Subject request to discontinue study treatment      | 2                                 | 5                                 |
| Death   | -                                 | 2                                 |
| Lost to follow-up                                   | 1                                 | 1                                 |
| Poor/non-compliance                                 | -                                 | 2                                 |
| Subject no longer meets study criteria              | -                                 | 1                                 |
| unspecified   | 1                                 | -                                 |
| Lack of efficacy                                    | 1                                 | 9                                 |

Notes:

[1] - The number of subjects reported to be in the baseline period are not the same as the worldwide number enrolled in the trial. It is expected that these numbers will be the same.

Justification: Of the 453 subjects enrolled, 300 were randomized and received treatment.

## Period 2

|                              |                  |
|------------------------------|------------------|
| Period 2 title               | Follow-up Period |
| Is this the baseline period? | No               |
| Allocation method            | Not applicable   |
| Blinding used                | Not blinded      |

## Arms

|                              |                            |
|------------------------------|----------------------------|
| Are arms mutually exclusive? | Yes                        |
| <b>Arm title</b>             | Cohort A: HCV GT-2 or GT-3 |

Arm description:

Subjects with HCV (Genotype 2 or 3) and HIV co-infection were to be followed up for a planned duration of 24 weeks after 24 weeks of treatment (Lambda/RBV/DCV for 12 weeks followed by Lambda/RBV for 12 weeks).

|   |                            |
|---|----------------------------|
| Arm type  | No intervention            |
| No investigational medicinal product assigned in this arm |                            |
| <b>Arm title</b>  | Cohort B: HCV GT-1 or GT-4 |

Arm description:

Subjects with HCV (Genotype 1 or 4) and HIV co-infection were to be followed up for a planned duration of 24 weeks after 24 or 48 weeks of treatment (Lambda/RBV/DCV for 12 weeks followed by Lambda/RBV for either 12 or 36 weeks).

|   |                 |
|---|-----------------|
| Arm type  | No intervention |
| No investigational medicinal product assigned in this arm |                 |

| <b>Number of subjects in period 2</b>     | Cohort A: HCV GT-2 or GT-3 | Cohort B: HCV GT-1 or GT-4 |
|---|----------------------------|----------------------------|
| Started                                   | 95                         | 161                        |
| Completed                                 | 96                         | 176                        |
| Not completed                             | 6                          | 9                          |
| Consent withdrawn by subject              | 3                          | 3                          |
| Follow-up no longer required per protocol | 1                          | -                          |
| Lost to follow-up                         | 1                          | 1                          |
| unspecified                               | 1                          | 5                          |
| Joined                                    | 7                          | 24                         |
| Rejoined for follow-up                    | 7                          | 24                         |



## Baseline characteristics

### Reporting groups

|                       |                            |
|-----------------------|----------------------------|
| Reporting group title | Cohort A: HCV GT-2 or GT-3 |
|-----------------------|----------------------------|

Reporting group description:

Subjects with HCV (Genotype 2 or 3) and HIV co-infection were treated with Lambda/RBV/DCV for 12 weeks followed by Lambda/RBV for 12 weeks, for a total treatment duration of 24 weeks.

|                       |                            |
|-----------------------|----------------------------|
| Reporting group title | Cohort B: HCV GT-1 or GT-4 |
|-----------------------|----------------------------|

Reporting group description:

Subjects with HCV (Genotype 1 or 4) and HIV co-infection were treated with Lambda/RBV/DCV for 12 weeks followed by Lambda/RBV for either 12 or 36 weeks. Subjects who achieved an extended rapid virologic response (eRVR) during the initial 12 weeks of treatment with Lambda/RBV/DCV were then treated with Lambda/RBV for 12 weeks for a total of 24 weeks. Subjects who did not achieve eRVR during the initial 12 weeks of treatment with Lambda/RBV/DCV were then treated with Lambda/RBV for 36 weeks for a total of 48 weeks.

| Reporting group values                             | Cohort A: HCV GT-2 or GT-3 | Cohort B: HCV GT-1 or GT-4 | Total |
|--|----------------------------|----------------------------|-------|
| Number of subjects                                 | 104                        | 196                        | 300   |
| Age categorical<br>Units: Subjects                 |                            |                            |       |
| In utero   | 0                          | 0                          | 0     |
| Preterm newborn infants (gestational age < 37 wks) | 0                          | 0                          | 0     |
| Newborns (0-27 days)                               | 0                          | 0                          | 0     |
| Infants and toddlers (28 days-23 months)           | 0                          | 0                          | 0     |
| Children (2-11 years)                              | 0                          | 0                          | 0     |
| Adolescents (12-17 years)                          | 0                          | 0                          | 0     |
| Adults (18-64 years)                               | 104                        | 195                        | 299   |
| From 65-84 years                                   | 0                          | 1                          | 1     |
| 85 years and over                                  | 0                          | 0                          | 0     |
| Gender categorical<br>Units: Subjects              |                            |                            |       |
| Female   | 28                         | 40                         | 68    |
| Male   | 76                         | 156                        | 232   |
| HCV Genotype<br>Units: Subjects                    |                            |                            |       |
| HCV GT-1   | 0                          | 149                        | 149   |
| HCV GT-2   | 20                         | 0                          | 20    |
| HCV GT-3   | 83                         | 0                          | 83    |
| HCV GT-4   | 0                          | 41                         | 41    |
| Unknown  | 1                          | 6                          | 7     |



## End points

### End points reporting groups

|  |                            |
|--|----------------------------|
| Reporting group title  | Cohort A: HCV GT-2 or GT-3 |
| Reporting group description:<br>Subjects with HCV (Genotype 2 or 3) and HIV co-infection were treated with Lambda/RBV/DCV for 12 weeks followed by Lambda/RBV for 12 weeks, for a total treatment duration of 24 weeks.  |                            |
| Reporting group title  | Cohort B: HCV GT-1 or GT-4 |
| Reporting group description:<br>Subjects with HCV (Genotype 1 or 4) and HIV co-infection were treated with Lambda/RBV/DCV for 12 weeks followed by Lambda/RBV for either 12 or 36 weeks. Subjects who achieved an extended rapid virologic response (eRVR) during the initial 12 weeks of treatment with Lambda/RBV/DCV were then treated with Lambda/RBV for 12 weeks for a total of 24 weeks. Subjects who did not achieve eRVR during the initial 12 weeks of treatment with Lambda/RBV/DCV were then treated with Lambda/RBV for 36 weeks for a total of 48 weeks. |                            |
| Reporting group title  | Cohort A: HCV GT-2 or GT-3 |
| Reporting group description:<br>Subjects with HCV (Genotype 2 or 3) and HIV co-infection were to be followed up for a planned duration of 24 weeks after 24 weeks of treatment (Lambda/RBV/DCV for 12 weeks followed by Lambda/RBV for 12 weeks).  |                            |
| Reporting group title  | Cohort B: HCV GT-1 or GT-4 |
| Reporting group description:<br>Subjects with HCV (Genotype 1 or 4) and HIV co-infection were to be followed up for a planned duration of 24 weeks after 24 or 48 weeks of treatment (Lambda/RBV/DCV for 12 weeks followed by Lambda/RBV for either 12 or 36 weeks).   |                            |

### Primary: Number of subjects with Sustained Virologic Response at post-treatment week 12 (SVR12)

|   |   |
|---|---|
| End point title   | Number of subjects with Sustained Virologic Response at post-treatment week 12 (SVR12) <sup>[1]</sup> |
| End point description:<br>SVR12 was defined as HCV RNA less than lower limit of quantification (< LLOQ) (25 IU/mL; target detected or not detected) at follow-up week 12. The analysis was performed in all treated subjects using modified intent-to-treat algorithm, where the numerator is based on subjects meeting the response criteria and the denominator is based on all treated subjects (Non-completer = Failure). |   |
| End point type  | Primary   |
| End point timeframe:<br>Follow-up week 12   |   |

#### Notes:

[1] - No statistical analyses have been specified for this primary end point. It is expected there is at least one statistical analysis for each primary end point.

Justification: Only descriptive summary statistics were planned for this outcome measure.

| End point values            | Cohort A: HCV GT-2 or GT-3 | Cohort B: HCV GT-1 or GT-4 |  |  |
|-----------------------------|----------------------------|----------------------------|--|--|
| Subject group type          | Reporting group            | Reporting group            |  |  |
| Number of subjects analysed | 104                        | 196                        |  |  |
| Units: subjects             | 88                         | 149                        |  |  |

## Statistical analyses

No statistical analyses for this end point

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**Secondary: Number of subjects with rapid virologic response (RVR) and extended rapid virologic response (eRVR)**

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|                 |   |
|-----------------|---|
| End point title | Number of subjects with rapid virologic response (RVR) and extended rapid virologic response (eRVR) |
|-----------------|---|

End point description:

RVR is defined as HCV RNA < LLOQ target not detected at Week 4 and eRVR defined as HCV RNA < LLOQ target not detected at Weeks 4 and 12. The analysis was performed in all treated subjects using modified intent-to-treat algorithm, where the numerator is based on subjects meeting the response criteria and the denominator is based on all treated subjects (Non-completer = Failure).

|                |           |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Treatment weeks 4 and 12

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| End point values            | Cohort A: HCV GT-2 or GT-3 | Cohort B: HCV GT-1 or GT-4 |  |  |
|-----------------------------|----------------------------|----------------------------|--|--|
| Subject group type          | Reporting group            | Reporting group            |  |  |
| Number of subjects analysed | 104                        | 196                        |  |  |
| Units: subjects             |                            |                            |  |  |
| RVR                         | 82                         | 149                        |  |  |
| eRVR                        | 80                         | 138                        |  |  |

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**Statistical analyses**

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No statistical analyses for this end point

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**Secondary: Number of subjects with Sustained Virologic Response at post-treatment week 24 (SVR24)**

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|                 |  |
|-----------------|--|
| End point title | Number of subjects with Sustained Virologic Response at post-treatment week 24 (SVR24) |
|-----------------|--|

End point description:

SVR24 was defined as HCV RNA < LLOQ (25 IU/mL; target detected or not detected) at 24 weeks post treatment. The analysis was performed in all treated subjects using modified intent-to-treat algorithm (numerator is based on subjects meeting the response criteria and the denominator is based on all treated subjects (Non-completer = Failure).

|                |           |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Follow-up week 24

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| End point values            | Cohort A: HCV GT-2 or GT-3 | Cohort B: HCV GT-1 or GT-4 |  |  |
|-----------------------------|----------------------------|----------------------------|--|--|
| Subject group type          | Reporting group            | Reporting group            |  |  |
| Number of subjects analysed | 0 <sup>[2]</sup>           | 0 <sup>[3]</sup>           |  |  |
| Units: subjects             |                            |                            |  |  |

Notes:

[2] - The study was ended prematurely, giving few subjects an opportunity to reach follow-up week 24

[3] - The study was ended prematurely, giving few subjects an opportunity to reach follow-up week 24

## Statistical analyses

No statistical analyses for this end point

### Secondary: Number of subjects with treatment emergent cytopenic abnormalities

|                 |  |
|-----------------|--|
| End point title | Number of subjects with treatment emergent cytopenic abnormalities |
|-----------------|--|

End point description:

All treated subjects were monitored for treatment emergent cytopenic abnormalities (anemia as defined by hemoglobin (Hb) < 10 g/dL, and/or neutropenia as defined by absolute neutrophil count (ANC) < 750 mm<sup>3</sup> and/or thrombocytopenia as defined by platelets < 50,000/mm<sup>3</sup>) during the treatment period (Weeks 1, 2, 4, 6, 8, 12, 20, and 24, and at Weeks 28, 32, 36, 40, 44, and 48 for subjects requiring those visits).

|                |           |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

After Day 1 to end of treatment; up to Weeks 24 or 48.

| End point values            | Cohort A: HCV GT-2 or GT-3 | Cohort B: HCV GT-1 or GT-4 |  |  |
|-----------------------------|----------------------------|----------------------------|--|--|
| Subject group type          | Reporting group            | Reporting group            |  |  |
| Number of subjects analysed | 104                        | 196                        |  |  |
| Units: subjects             | 4                          | 15                         |  |  |

## Statistical analyses

No statistical analyses for this end point

### Secondary: Number of subjects with on-treatment IFN-associated Flu-like or Musculoskeletal symptoms

|                 |  |
|-----------------|--|
| End point title | Number of subjects with on-treatment IFN-associated Flu-like or Musculoskeletal symptoms |
|-----------------|--|

End point description:

All treated subjects were monitored for IFN-associated Flu-like and Musculoskeletal symptoms. Flu-like symptoms were defined as pyrexia, chills, or pain. Musculoskeletal symptoms were defined as arthralgia, myalgia, or back pain. Subjects were monitored throughout the treatment period during the treatment period (After day 1 up to week 24, or After day 1 up to week 48 for subjects requiring those visits).

|                |           |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

After day 1 until end of treatment; Up to weeks 24 or 48.

| <b>End point values</b>     | Cohort A: HCV<br>GT-2 or GT-3 | Cohort B: HCV<br>GT-1 or GT-4 |  |  |
|-----------------------------|-------------------------------|-------------------------------|--|--|
| Subject group type          | Reporting group               | Reporting group               |  |  |
| Number of subjects analysed | 104                           | 196                           |  |  |
| Units: subjects             |                               |                               |  |  |
| Musculoskeletal symptoms    | 6                             | 21                            |  |  |
| Flu-like symptoms           | 6                             | 19                            |  |  |

## Statistical analyses

No statistical analyses for this end point

## Secondary: Number of subjects who died or experienced Severe Adverse Events (SAEs), Dose reductions of Lambda or Discontinuation due to Adverse Events (AEs)

|                 |   |
|-----------------|---|
| End point title | Number of subjects who died or experienced Severe Adverse Events (SAEs), Dose reductions of Lambda or Discontinuation due to Adverse Events (AEs) |
|-----------------|---|

End point description:

AE=any new unfavorable symptom, sign, or disease or worsening of a preexisting condition that may not have a causal relationship with treatment. SAE=a medical event that, at any dose, results in death, persistent or significant disability/incapacity, or drug dependency/abuse; is life-threatening, an important medical event, or a congenital anomaly/birth defect; or requires or prolongs hospitalization. Treatment-related=having certain, probable, possible, or missing relationship to study drug. The analysis included all treated subjects up to the end of the treatment period (Day 1 to week 24, or Day 1 to week 48 for subjects requiring those visits).

|                |           |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Day 1 to end of treatment; up to week 24 or week 48

| <b>End point values</b>     | Cohort A: HCV<br>GT-2 or GT-3 | Cohort B: HCV<br>GT-1 or GT-4 |  |  |
|-----------------------------|-------------------------------|-------------------------------|--|--|
| Subject group type          | Reporting group               | Reporting group               |  |  |
| Number of subjects analysed | 104                           | 196                           |  |  |
| Units: subjects             |                               |                               |  |  |
| Deaths                      | 0                             | 3                             |  |  |
| SAEs                        | 6                             | 12                            |  |  |
| Lambda Dose Reduction       | 4                             | 19                            |  |  |
| Discontinuation due to AEs  | 4                             | 13                            |  |  |

## Statistical analyses

No statistical analyses for this end point

## Secondary: Number of Subjects with Treatment-emergent Grade 3/4 Lab Abnormalities

|                 |  |
|-----------------|--|
| End point title | Number of Subjects with Treatment-emergent Grade 3/4 Lab Abnormalities |
|-----------------|--|

End point description:

Grade 3/4 treatment-emergent lab abnormalities that occurred in  $\geq 5\%$  of subjects in either cohort are reported. The analysis included all treated subjects up to the end of the treatment period (Day 1 to week 24, or Day 1 to week 48 for subjects requiring those visits). Grade (Gr) 1=Mild, Gr 2=Moderate, Gr 3=Severe, Gr 4= Potentially Life-threatening or disabling. AST = Aspartate aminotransferase, ALT = Alanine aminotransferase.

|                |           |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

After day 1 to end of treatment; up to week 24 or week 48

| End point values            | Cohort A: HCV GT-2 or GT-3 | Cohort B: HCV GT-1 or GT-4 |  |  |
|-----------------------------|----------------------------|----------------------------|--|--|
| Subject group type          | Reporting group            | Reporting group            |  |  |
| Number of subjects analysed | 104                        | 196                        |  |  |
| Units: subjects             |                            |                            |  |  |
| Total Bilirubin             | 26                         | 63                         |  |  |
| AST                         | 10                         | 13                         |  |  |
| ALT                         | 2                          | 10                         |  |  |

## Statistical analyses

No statistical analyses for this end point

## Secondary: Mean Change in Absolute CD4 T Lymphocyte Count from Baseline to End of Treatment

|                 |  |
|-----------------|--|
| End point title | Mean Change in Absolute CD4 T Lymphocyte Count from Baseline to End of Treatment |
|-----------------|--|

End point description:

All treated subjects were monitored for change in Absolute CD4 T Lymphocyte count from Baseline to the end of the treatment period. The mean change in each arm for all evaluable subjects is reported in Cells/ $\mu$ L.

|                |           |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Day 1 to end of treatment; up to week 24 or week 48

| End point values                     | Cohort A: HCV GT-2 or GT-3 | Cohort B: HCV GT-1 or GT-4 |  |  |
|--------------------------------------|----------------------------|----------------------------|--|--|
| Subject group type                   | Reporting group            | Reporting group            |  |  |
| Number of subjects analysed          | 101                        | 192                        |  |  |
| Units: Cells/ $\mu$ L                |                            |                            |  |  |
| arithmetic mean (standard deviation) | -42.4 ( $\pm$ 99999)       | -104.9 ( $\pm$ 99999)      |  |  |

## Statistical analyses

No statistical analyses for this end point

### Secondary: Mean Percent Change in Absolute CD4 T Lymphocyte Count from Baseline to End of Treatment

|                 |  |
|-----------------|--|
| End point title | Mean Percent Change in Absolute CD4 T Lymphocyte Count from Baseline to End of Treatment |
|-----------------|--|

End point description:

All treated subjects were monitored for percent change in Absolute CD4 T Lymphocyte count from Baseline to the end of the treatment period. The mean percent change in each arm is presented for all evaluable subjects.

|                |           |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Day 1 to end of treatment; up to week 24 or week 48

|                                      |                            |                            |  |  |
|--------------------------------------|----------------------------|----------------------------|--|--|
| <b>End point values</b>              | Cohort A: HCV GT-2 or GT-3 | Cohort B: HCV GT-1 or GT-4 |  |  |
| Subject group type                   | Reporting group            | Reporting group            |  |  |
| Number of subjects analysed          | 101                        | 192                        |  |  |
| Units: Percent change from baseline  |                            |                            |  |  |
| arithmetic mean (standard deviation) | -4 (± 99999)               | -13.4 (± 99999)            |  |  |

## Statistical analyses

No statistical analyses for this end point

### Secondary: Mean Change in Total Lymphocyte Count from Baseline to End of Treatment

|                 |   |
|-----------------|---|
| End point title | Mean Change in Total Lymphocyte Count from Baseline to End of Treatment |
|-----------------|---|

End point description:

All treated subjects were monitored for change in Total Lymphocyte Count from Baseline to the end of the treatment period. The mean change in each arm for all evaluable subjects is reported in Cells/ $\mu$ L.

|                |           |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Day 1 to end of treatment; up to week 24 or week 48

| End point values                     | Cohort A: HCV GT-2 or GT-3 | Cohort B: HCV GT-1 or GT-4 |  |  |
|--------------------------------------|----------------------------|----------------------------|--|--|
| Subject group type                   | Reporting group            | Reporting group            |  |  |
| Number of subjects analysed          | 104                        | 195                        |  |  |
| Units: cells/ $\mu$ L                |                            |                            |  |  |
| arithmetic mean (standard deviation) | -0.38 ( $\pm$ 99999)       | -0.5 ( $\pm$ 99999)        |  |  |

## Statistical analyses

No statistical analyses for this end point

## Secondary: Mean Percent Change in Total Lymphocyte Count from Baseline to End of Treatment

|                 |   |
|-----------------|---|
| End point title | Mean Percent Change in Total Lymphocyte Count from Baseline to End of Treatment |
|-----------------|---|

End point description:

All treated subjects were monitored for percent change in Total Lymphocyte Count from Baseline to the end of the treatment period. The mean percent change in each arm is reported for all evaluable subjects.

|                |           |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Day 1 to end of treatment; up to week 24 or week 48

| End point values                     | Cohort A: HCV GT-2 or GT-3 | Cohort B: HCV GT-1 or GT-4 |  |  |
|--------------------------------------|----------------------------|----------------------------|--|--|
| Subject group type                   | Reporting group            | Reporting group            |  |  |
| Number of subjects analysed          | 104                        | 195                        |  |  |
| Units: percent change                |                            |                            |  |  |
| arithmetic mean (standard deviation) | -15.33 ( $\pm$ 99999)      | -22.95 ( $\pm$ 99999)      |  |  |

## Statistical analyses

No statistical analyses for this end point

## Secondary: Mean change in Platelet Count from Baseline to End of Treatment

|                 |   |
|-----------------|---|
| End point title | Mean change in Platelet Count from Baseline to End of Treatment |
|-----------------|---|

End point description:

All treated subjects were monitored for change in Platelet Count from Baseline to the end of the treatment period. The mean change in each arm is reported for all evaluable subjects (units of measurement =  $\times 10^9$  cells/L)

|                |           |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Day 1 to end of treatment; up to week 24 or week 48

| End point values                     | Cohort A: HCV GT-2 or GT-3 | Cohort B: HCV GT-1 or GT-4 |  |  |
|--------------------------------------|----------------------------|----------------------------|--|--|
| Subject group type                   | Reporting group            | Reporting group            |  |  |
| Number of subjects analysed          | 104                        | 195                        |  |  |
| Units: 10 <sup>9</sup> cells/L       |                            |                            |  |  |
| arithmetic mean (standard deviation) | 32.7 (± 99999)             | 33.3 (± 99999)             |  |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: Mean percent change in Platelet Count from Baseline to End of Treatment

|                 |   |
|-----------------|---|
| End point title | Mean percent change in Platelet Count from Baseline to End of Treatment |
|-----------------|---|

End point description:

All treated subjects were monitored for percent change in Platelet Count from Baseline to the end of the treatment period. The mean percent change in each arm is reported for all evaluable subjects.

|                |           |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Day 1 to end of treatment; up to week 24 or week 48

| End point values                     | Cohort A: HCV GT-2 or GT-3 | Cohort B: HCV GT-1 or GT-4 |  |  |
|--------------------------------------|----------------------------|----------------------------|--|--|
| Subject group type                   | Reporting group            | Reporting group            |  |  |
| Number of subjects analysed          | 104                        | 195                        |  |  |
| Units: percent change                |                            |                            |  |  |
| arithmetic mean (standard deviation) | 16.9 (± 99999)             | 20.1 (± 99999)             |  |  |

### Statistical analyses

No statistical analyses for this end point



## Adverse events

### Adverse events information

Timeframe for reporting adverse events:

Day 1 to end of treatment; up to week 24 or week 48

|                 |            |
|-----------------|------------|
| Assessment type | Systematic |
|-----------------|------------|

### Dictionary used

|                 |        |
|-----------------|--------|
| Dictionary name | MedDRA |
|-----------------|--------|

|                    |      |
|--------------------|------|
| Dictionary version | 18.0 |
|--------------------|------|

### Reporting groups

|                       |                            |
|-----------------------|----------------------------|
| Reporting group title | Cohort B: HCV GT-1 or GT-4 |
|-----------------------|----------------------------|

Reporting group description:

Subjects with HCV (Genotype 1 or 4) and HIV co-infection were treated with Lambda/RBV/DCV for 12 weeks followed by Lambda/RBV for either 12 or 36 weeks. Subjects who achieved an extended rapid virologic response (eRVR) during the initial 12 weeks of treatment with Lambda/RBV/DCV were then treated with Lambda/RBV for 12 weeks for a total of 24 weeks. Subjects who did not achieve eRVR during the initial 12 weeks of treatment with Lambda/RBV/DCV were then treated with Lambda/RBV for 36 weeks for a total of 48 weeks.

|                       |                            |
|-----------------------|----------------------------|
| Reporting group title | Cohort A: HCV GT-2 or GT-3 |
|-----------------------|----------------------------|

Reporting group description:

Subjects with HCV (Genotype 2 or 3) and HIV co-infection were treated with Lambda/RBV/DCV for 12 weeks followed by Lambda/RBV for 12 weeks, for a total treatment duration of 24 weeks.

| Serious adverse events                            | Cohort B: HCV GT-1 or GT-4 | Cohort A: HCV GT-2 or GT-3 |  |
|---|----------------------------|----------------------------|--|
| Total subjects affected by serious adverse events |                            |                            |  |
| subjects affected / exposed                       | 12 / 196 (6.12%)           | 6 / 104 (5.77%)            |  |
| number of deaths (all causes)                     | 3                          | 0                          |  |
| number of deaths resulting from adverse events    |                            |                            |  |
| Investigations                                    |                            |                            |  |
| Alanine aminotransferase increased                |                            |                            |  |
| subjects affected / exposed                       | 1 / 196 (0.51%)            | 0 / 104 (0.00%)            |  |
| occurrences causally related to treatment / all   | 1 / 1                      | 0 / 0                      |  |
| deaths causally related to treatment / all        | 0 / 0                      | 0 / 0                      |  |
| International normalised ratio increased          |                            |                            |  |
| subjects affected / exposed                       | 1 / 196 (0.51%)            | 0 / 104 (0.00%)            |  |
| occurrences causally related to treatment / all   | 1 / 1                      | 0 / 0                      |  |
| deaths causally related to treatment / all        | 0 / 0                      | 0 / 0                      |  |
| Injury, poisoning and procedural complications    |                            |                            |  |
| Accidental overdose                               |                            |                            |  |

|  |                 |                 |  |
|--|-----------------|-----------------|--|
| subjects affected / exposed                          | 1 / 196 (0.51%) | 0 / 104 (0.00%) |  |
| occurrences causally related to treatment / all      | 1 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all           | 0 / 0           | 0 / 0           |  |
| Ankle fracture                                       |                 |                 |  |
| subjects affected / exposed                          | 1 / 196 (0.51%) | 0 / 104 (0.00%) |  |
| occurrences causally related to treatment / all      | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all           | 0 / 0           | 0 / 0           |  |
| Overdose   |                 |                 |  |
| subjects affected / exposed                          | 1 / 196 (0.51%) | 0 / 104 (0.00%) |  |
| occurrences causally related to treatment / all      | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all           | 0 / 0           | 0 / 0           |  |
| Facial bones fracture                                |                 |                 |  |
| subjects affected / exposed                          | 0 / 196 (0.00%) | 1 / 104 (0.96%) |  |
| occurrences causally related to treatment / all      | 0 / 0           | 0 / 1           |  |
| deaths causally related to treatment / all           | 0 / 0           | 0 / 0           |  |
| Blood and lymphatic system disorders                 |                 |                 |  |
| Anaemia  |                 |                 |  |
| subjects affected / exposed                          | 1 / 196 (0.51%) | 0 / 104 (0.00%) |  |
| occurrences causally related to treatment / all      | 1 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all           | 0 / 0           | 0 / 0           |  |
| General disorders and administration site conditions |                 |                 |  |
| Multi-Organ failure                                  |                 |                 |  |
| subjects affected / exposed                          | 1 / 196 (0.51%) | 0 / 104 (0.00%) |  |
| occurrences causally related to treatment / all      | 1 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all           | 1 / 1           | 0 / 0           |  |
| Sudden death   |                 |                 |  |
| subjects affected / exposed                          | 2 / 196 (1.02%) | 0 / 104 (0.00%) |  |
| occurrences causally related to treatment / all      | 1 / 2           | 0 / 0           |  |
| deaths causally related to treatment / all           | 1 / 2           | 0 / 0           |  |
| Gastrointestinal disorders                           |                 |                 |  |
| Small intestinal haemorrhage                         |                 |                 |  |
| subjects affected / exposed                          | 1 / 196 (0.51%) | 0 / 104 (0.00%) |  |
| occurrences causally related to treatment / all      | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all           | 0 / 0           | 0 / 0           |  |

|   |                 |                 |  |
|---|-----------------|-----------------|--|
| Hepatobiliary disorders                         |                 |                 |  |
| Hyperbilirubinaemia                             |                 |                 |  |
| subjects affected / exposed                     | 1 / 196 (0.51%) | 0 / 104 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| Hepatic function abnormal                       |                 |                 |  |
| subjects affected / exposed                     | 1 / 196 (0.51%) | 0 / 104 (0.00%) |  |
| occurrences causally related to treatment / all | 1 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| Jaundice  |                 |                 |  |
| subjects affected / exposed                     | 2 / 196 (1.02%) | 2 / 104 (1.92%) |  |
| occurrences causally related to treatment / all | 1 / 2           | 1 / 2           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| Liver injury                                    |                 |                 |  |
| subjects affected / exposed                     | 1 / 196 (0.51%) | 0 / 104 (0.00%) |  |
| occurrences causally related to treatment / all | 1 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| Psychiatric disorders                           |                 |                 |  |
| Dysthymic disorder                              |                 |                 |  |
| subjects affected / exposed                     | 0 / 196 (0.00%) | 1 / 104 (0.96%) |  |
| occurrences causally related to treatment / all | 0 / 0           | 0 / 1           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| Psychotic disorder                              |                 |                 |  |
| subjects affected / exposed                     | 0 / 196 (0.00%) | 1 / 104 (0.96%) |  |
| occurrences causally related to treatment / all | 0 / 0           | 0 / 2           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| Renal and urinary disorders                     |                 |                 |  |
| Renal failure                                   |                 |                 |  |
| subjects affected / exposed                     | 1 / 196 (0.51%) | 0 / 104 (0.00%) |  |
| occurrences causally related to treatment / all | 1 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| Musculoskeletal and connective tissue disorders |                 |                 |  |
| Arthralgia                                      |                 |                 |  |

|   |                 |                 |  |
|---|-----------------|-----------------|--|
| subjects affected / exposed                     | 1 / 196 (0.51%) | 0 / 104 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| <b>Infections and infestations</b>              |                 |                 |  |
| Bronchopulmonary aspergillosis                  |                 |                 |  |
| subjects affected / exposed                     | 1 / 196 (0.51%) | 0 / 104 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| <b>Device related infection</b>                 |                 |                 |  |
| subjects affected / exposed                     | 1 / 196 (0.51%) | 0 / 104 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| <b>Secondary syphilis</b>                       |                 |                 |  |
| subjects affected / exposed                     | 1 / 196 (0.51%) | 0 / 104 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| <b>Metabolism and nutrition disorders</b>       |                 |                 |  |
| Dehydration                                     |                 |                 |  |
| subjects affected / exposed                     | 0 / 196 (0.00%) | 1 / 104 (0.96%) |  |
| occurrences causally related to treatment / all | 0 / 0           | 0 / 1           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |
| <b>Hyperglycaemia</b>                           |                 |                 |  |
| subjects affected / exposed                     | 1 / 196 (0.51%) | 0 / 104 (0.00%) |  |
| occurrences causally related to treatment / all | 0 / 1           | 0 / 0           |  |
| deaths causally related to treatment / all      | 0 / 0           | 0 / 0           |  |

Frequency threshold for reporting non-serious adverse events: 5 %

| <b>Non-serious adverse events</b>                     | Cohort B: HCV GT-1<br>or GT-4 | Cohort A: HCV GT-2<br>or GT-3 |  |
|---|-------------------------------|-------------------------------|--|
| Total subjects affected by non-serious adverse events |                               |                               |  |
| subjects affected / exposed                           | 159 / 196 (81.12%)            | 70 / 104 (67.31%)             |  |
| Investigations  |                               |                               |  |
| Aspartate aminotransferase increased                  |                               |                               |  |

|  |                         |                         |  |
|--|-------------------------|-------------------------|--|
| subjects affected / exposed<br>occurrences (all)   | 4 / 196 (2.04%)<br>6    | 8 / 104 (7.69%)<br>10   |  |
| Weight decreased<br>subjects affected / exposed<br>occurrences (all)   | 11 / 196 (5.61%)<br>11  | 4 / 104 (3.85%)<br>5    |  |
| Nervous system disorders<br>Headache<br>subjects affected / exposed<br>occurrences (all)   | 32 / 196 (16.33%)<br>39 | 10 / 104 (9.62%)<br>13  |  |
| Blood and lymphatic system disorders<br>Anaemia<br>subjects affected / exposed<br>occurrences (all)                                    | 16 / 196 (8.16%)<br>16  | 7 / 104 (6.73%)<br>7    |  |
| General disorders and administration<br>site conditions<br>Injection site erythema<br>subjects affected / exposed<br>occurrences (all) | 12 / 196 (6.12%)<br>12  | 0 / 104 (0.00%)<br>0    |  |
| Asthenia<br>subjects affected / exposed<br>occurrences (all)   | 32 / 196 (16.33%)<br>34 | 22 / 104 (21.15%)<br>24 |  |
| Fatigue<br>subjects affected / exposed<br>occurrences (all)  | 47 / 196 (23.98%)<br>53 | 9 / 104 (8.65%)<br>9    |  |
| Influenza like illness<br>subjects affected / exposed<br>occurrences (all)   | 5 / 196 (2.55%)<br>6    | 8 / 104 (7.69%)<br>9    |  |
| Pyrexia<br>subjects affected / exposed<br>occurrences (all)  | 13 / 196 (6.63%)<br>13  | 3 / 104 (2.88%)<br>4    |  |
| Gastrointestinal disorders<br>Diarrhoea<br>subjects affected / exposed<br>occurrences (all)  | 30 / 196 (15.31%)<br>43 | 7 / 104 (6.73%)<br>7    |  |
| Abdominal pain<br>subjects affected / exposed<br>occurrences (all)   | 15 / 196 (7.65%)<br>15  | 4 / 104 (3.85%)<br>4    |  |

|   |                   |                   |  |
|---|-------------------|-------------------|--|
| Dyspepsia                                       |                   |                   |  |
| subjects affected / exposed                     | 12 / 196 (6.12%)  | 4 / 104 (3.85%)   |  |
| occurrences (all)                               | 12                | 4                 |  |
| Nausea  |                   |                   |  |
| subjects affected / exposed                     | 36 / 196 (18.37%) | 10 / 104 (9.62%)  |  |
| occurrences (all)                               | 51                | 11                |  |
| Vomiting  |                   |                   |  |
| subjects affected / exposed                     | 23 / 196 (11.73%) | 4 / 104 (3.85%)   |  |
| occurrences (all)                               | 32                | 4                 |  |
| Hepatobiliary disorders                         |                   |                   |  |
| Jaundice  |                   |                   |  |
| subjects affected / exposed                     | 10 / 196 (5.10%)  | 6 / 104 (5.77%)   |  |
| occurrences (all)                               | 11                | 6                 |  |
| Hyperbilirubinaemia                             |                   |                   |  |
| subjects affected / exposed                     | 12 / 196 (6.12%)  | 4 / 104 (3.85%)   |  |
| occurrences (all)                               | 12                | 4                 |  |
| Respiratory, thoracic and mediastinal disorders |                   |                   |  |
| Cough   |                   |                   |  |
| subjects affected / exposed                     | 10 / 196 (5.10%)  | 4 / 104 (3.85%)   |  |
| occurrences (all)                               | 10                | 4                 |  |
| Skin and subcutaneous tissue disorders          |                   |                   |  |
| Pruritus  |                   |                   |  |
| subjects affected / exposed                     | 33 / 196 (16.84%) | 15 / 104 (14.42%) |  |
| occurrences (all)                               | 35                | 17                |  |
| Dry skin  |                   |                   |  |
| subjects affected / exposed                     | 27 / 196 (13.78%) | 9 / 104 (8.65%)   |  |
| occurrences (all)                               | 27                | 10                |  |
| Rash  |                   |                   |  |
| subjects affected / exposed                     | 26 / 196 (13.27%) | 8 / 104 (7.69%)   |  |
| occurrences (all)                               | 28                | 9                 |  |
| Psychiatric disorders                           |                   |                   |  |
| Depressed mood                                  |                   |                   |  |
| subjects affected / exposed                     | 14 / 196 (7.14%)  | 2 / 104 (1.92%)   |  |
| occurrences (all)                               | 15                | 2                 |  |
| Anxiety   |                   |                   |  |

|  |                         |                         |  |
|--|-------------------------|-------------------------|--|
| subjects affected / exposed<br>occurrences (all)   | 15 / 196 (7.65%)<br>15  | 4 / 104 (3.85%)<br>4    |  |
| Depression<br>subjects affected / exposed<br>occurrences (all)   | 18 / 196 (9.18%)<br>18  | 6 / 104 (5.77%)<br>7    |  |
| Insomnia<br>subjects affected / exposed<br>occurrences (all)   | 31 / 196 (15.82%)<br>31 | 16 / 104 (15.38%)<br>19 |  |
| Irritability<br>subjects affected / exposed<br>occurrences (all)   | 23 / 196 (11.73%)<br>24 | 15 / 104 (14.42%)<br>16 |  |
| Metabolism and nutrition disorders<br>Decreased appetite<br>subjects affected / exposed<br>occurrences (all) | 24 / 196 (12.24%)<br>27 | 9 / 104 (8.65%)<br>10   |  |

## More information

### Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? Yes

| Date         | Amendment  |
|--------------|--|
| 18 July 2013 | -Add additional exclusion criteria specific to cirrhotic subjects, -Add Peripheral Blood Mononuclear Cell (PBMC) collection in a subset of 30 subjects who are receiving HAART at selected US sites at Baseline (Day 1), End of Treatment and Post Treatment Week 24 as an exploratory endpoint, -Add that of the total of 200 subjects with GT-1 or -4, there will be at least 10% (n = 20) subjects with GT-4, -Add GT-4 to the evaluation of SVR12 by genotype subtype, -Modify the futility criteria at Week 24 from HCV RNA detected after previously having HCV RNA not detected to HCV RNA $\geq$ LLOQ, -Remove HDV serology testing as a screening requirement, -Add the exclusion of subjects with psychotic disorder, such as bipolar disease, or history of hospitalization for suicidal ideation/attempt, -Add that Investigators should advise subjects to avoid excessive ultraviolet exposure since the potential for Lambda to induce photosensitivity has not been assessed, -Add that the assay being used for HIV-1 RNA quantification is the Abbott Real Time assay on the automated m2000 System with a linear range of 40 - 10,000,000 copies/mL, -Add that Quintiles will be the central laboratory used in the study, -Add that Monogram Biosciences/LabCorps will perform HIV-1 genotypic and phenotypic resistance assays. |

Notes:

### Interruptions (globally)

Were there any global interruptions to the trial? No

### Limitations and caveats

None reported