Use of the HLA-B leader to optimize cord blood transplantation

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Supplementary Materials

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### Supplemental Table 1. Participating transplant centers

| Country          | City                        | Institution                                                                 |
|------------------|-----------------------------|-----------------------------------------------------------------------------|
| Algérie          | Alger                       | Centre Pierre et Marie Curie                                               |
| Argentine        | Buenos Aires                | Fundacion Favaloro                                                         |
|                  | La Plata                    | Instituto de Trasplante de Médula Osea                                    |
| Australian       | Perth Western Australia     | RP Group Royal Perth Hospital                                              |
|                  | Randwick                    | Sydney Children's Hospital                                                 |
|                  | Sydney                      | The Children's Hospital at Westmead                                        |
| Austrian         | Linz                        | Elisabethinen-Hospital                                                     |
|                  | Graz                        | Medical University                                                         |
|                  | Graz                        | Medical University Graz                                                    |
|                  | Vienna                      | Medizinische Universitaet Wien                                             |
|                  | Vienna                      | St. Anna Kinderspital                                                      |
| Belarus          | Minsk                       | Belorussian Centre for Paediatric Oncology and Hematology                  |
| Belgian          | Brussels                    | Children’s University Hospital BMT Unit                                    |
|                  | Brussels                    | Cliniques Universitaires St. Luc                                          |
|                  | Brussels                    | Universitair Ziekenhuis Brussel                                             |
|                  | Gent                        | University Hospital Gent                                                    |
|                  | Hasselt                     | Jessa Ziekenhuis Dept. of Hematology                                       |
|                  | Leuven                      | University Hospital Gasthuisberg Dept. of Hematology                       |
|                  | Liege                       | University of Liege                                                        |
| Brazilian        | Jaú                         | Hospital Amaral Carvalho                                                   |
|                  | São Paulo                   | Hospital Sírio-Libanês Hematology Bone Marrow Transplant Unit              |
| Canadian         | Montréal                    | Ste-Justine Hospital                                                       |
| Croatian         | Zagreb                      | University Hospital Center Rebro                                           |
| Czech Republic   | Prague                      | Institute of Hematology and Blood Transfusion                              |
|                  | Prague                      | University Hospital Motol                                                   |
| Danish           | Copenhagen                  | Rigshospitalet                                                             |
| Finnish          | Helsinki                    | University of Helsinki - Hospital for Children & Adolescents              |
|                  | Turku                       | Turku University Central Hospital                                           |
| French           | Angers                      | Centre Hospitalier Universitaire (CHU) Angers                              |
|                  | Besançon                    | CHU Saint Jacques                                                          |
|                  | Bordeaux                    | CHU Pellegrin-Enfants                                                      |
|                  | Bordeaux                    | CHU Haut-Lévêque                                                           |
|                  | Brest                       | Augustin Morvan                                                            |
| Location                  | Institution                                                                 |
|---------------------------|------------------------------------------------------------------------------|
| Caen                      | Centre François Baclesse                                                     |
| Clamart                   | Hôpital d'Instruction des Armées Percy                                       |
| Clermont-Ferrand          | CHU Hotel Dieu/Jean Perrin                                                   |
| Créteil                   | CHU Henri Mondor                                                             |
| Lille                     | CHU Claude Huriez                                                           |
| Lille                     | Hôpital Jeane de Flandre                                                     |
| Limoges                   | CHU Service d'Hématologie Clinique                                           |
| Lyon                      | Debrousse/Institut HématoLOGIE Oncologie Pendiatrique                       |
| Lyon                      | CHU Edouard Herriot/Lyon Sud                                                |
| Marseille                 | La Timone                                                                    |
| Marseille                 | Institut Paoli Calmettes                                                    |
| Marseille                 | CHU La Conception                                                           |
| Montpellier               | CHU Arnaud de Villeneuve                                                    |
| Montpellier               | CHU Lapeyronie- adulte                                                       |
| Nancy                     | CHU Brabois                                                                  |
| Nantes                    | CHU Hotel Dieu                                                               |
| Nice                      | CHU l'Archet                                                                 |
| Paris                     | Hôpital Saint Louis - Assistance Publique –Hôpitaux de Paris                |
| Paris                     | Hôpital Saint-Antoine – Assistance Publique –Hôpitaux de Paris              |
| Paris                     | Hôpital Pitié Salpétrière - Assistance Publique –Hôpitaux de Paris          |
| Paris                     | Hôpital Necker - Assistance Publique –Hôpitaux de Paris                     |
| Paris                     | Hôpital Robert Debré - Assistance Publique –Hôpitaux de Paris               |
| Poitiers                  | CHU Jean Bernard                                                            |
| Rennes                    | CHU Pontchaillou                                                            |
| Rouen                     | Centre Henry Becquerel                                                      |
| Rouen                     | CHU Charles Nicolle                                                          |
| Saint-Etienne             | CHU Hôpital Nord / Institut de Cancérologie de la Loire                     |
| Strasbourg                | CHU Hôpital Hautepierre                                                     |
| Toulouse                  | CHU Purpan                                                                  |
| Villejuif                 | Institut Gustave Roussy                                                     |

**Germany**

| Location                  | Institution                                                                 |
|---------------------------|------------------------------------------------------------------------------|
| Berlin                    | Charité-CVK University Medicine                                            |
| Dresden                   | Universitaetsklinikum Dresden                                               |
| Düsseldorf                | Universitaetsklinikum                                                       |
| Frankfurt am Main         | Klinikum der Johann Wolfgang Goethe-Universität                            |
| Halle                     | Martin-Luther-Univ. Halle-Wittenberg                                       |
| Hamburg                   | University Hospital Eppendorf                                               |
| Hannover                  | Medical School Dept. Haematology/Oncology/Stem Cell Transplantation         |
| Idar-Oberstein            | Klinik Hamatologie/Onkologie                                                 |
| Munich                    | Klinikum Schwabing                                                          |
| Regensburg                | University Regensburg                                                      |
| Tübingen                  | University Hospital                                                         |
| Ulm                       | Universitaet Ulm                                                           |
| Würzburg                  | Julius Maximilian University of Würzburg                                    |

**Greece**

| Location                  | Institution                                                                 |
|---------------------------|------------------------------------------------------------------------------|
| Athens                    | Evangelismos Hospital                                                       |
| Athens                    | St. Sophia Children's Hospital                                              |
| Patras                    | University Medical School                                                   |

**Hungary**
| Country | City | Hospital/Specialty |
|---------|------|--------------------|
| Budapest | - | St. István & St. Laszlo Hospital of Budapest |
| Budapest | - | St. László Hospital |
| Miskolc | - | Postgraduate Medical School |
| India | Chennai | Apollo Specialty Hospital |
| Iran | Teheran | Shariati Hospital |
| Ireland | Dublin | Our Lady's Hospital for Sick Children |
| Israel | Haifa | Rambam Medical Center |
| | Jerusalem | Hadassah University Hospital |
| | Petach-Tikva | Beilinson Hospital |
| | Petach-Tikva | Schneider Children's Medical Center of Israel |
| | Tel Hashomer | Chaim Sheba Medical Center |
| | Tel Hashomer | Edmond & Lily Safra Children's Hospital, Chaim |
| | Tel Aviv | Sourasky Medical Center |
| Italy | Ancona-Torre Ancona | Azienda Ospedali Riuniti di Ancona |
| | Bergamo | Ospedali Riuniti di Bergamo |
| | Bologna | Azienda Ospedaliero-Università di Bologna |
| | Bologna | Bologna University, S.Orsola-Malpighi Hospital |
| | Brescia | Spedali Civili |
| | Brescia | TMO Adulti Brescia |
| | Brescia | Università degli Studi di Brescia |
| | Catania | Ospedale Ferrarotto |
| | Catania | Ospedale Ferrarotto |
| | Cuneo | Azienda Ospedaliera S. Croce e Carle |
| | Florence | Azienda Ospedaliero Universitaria Meyer - Ospedale di Careggi |
| | Genoa | Institute G. Gaslini |
| | Genoa | Ospedale San Martino Department of Haematology II |
| | Milan | Ospedale Maggiore di Milano |
| | Milan | San Raffaele Scientific Institute |
| | Milan | University of Milano Istituto Nazionale dei Tumori |
| | Modena | Azienda Ospedaliera-Università |
| | Monza | Ospedale San Gerardo |
| | Monza | Ospedale San Gerardo Clinica Pediatrica dell Universita di Milano Bicocca |
| | Naples | Hospital Pausilipon |
| | Padua | Clinica di Oncoematologia Pediatrica |
| | Palermo | Ospedale dei Bambini |
| | Palermo | Ospedale La Maddalena |
| | Palermo | Ospedale V. Cervello |
| | Pavia | Fondazione IRCCS Policlinico San Matteo |
| | Pavia | Policlinico San Matteo |
| | Perugia | Università di Perugia |
| | Pesaro | Pesaro Hospital |
| | Pescara | Ospedale Civile Department of Hematology |
| | Pisa | Azienda Ospedaliera Universitaria Pisa |
| | Rome | Ospedale S. Camillo |
| | Rome | Rome Transplant Network |
| Country   | City                          | Institution                                                                 |
|-----------|-------------------------------|-----------------------------------------------------------------------------|
| Rome      | Universita Cattolica S. Cuore |                                             |
| Rome      | Ospedale Pediatrico Bambino Gesù |                                             |
| Rome      | Universita La Sapienza       |                                             |
| Rozzano   | Istituto Clinico Humanitas   |                                             |
| Siena     | Azienda Ospedaliera Universitaria Senese Policlinico S.Maria alle Scotte |                                             |
| Trieste   | Istituto per l’Infanzia Burlo Garofolo |                                             |
| Turin     | Ospedale Infantile Regina Margherita Onco-Ematologia Pediatrica |                                             |
| Turin     | Ospedale Universitaria San Giovanni Battista |                                             |
| Udine     | University Hospital          |                                             |
| Verona    | Policlinico G.B. Rossi       |                                             |
| Jordan    | Amman                        | King Hussein Cancer Centre                                                      |
| New Zealand | Christchurch               | Canterbury Health Laboratories                                                   |
| Norway    | Rikshospitalet Department of Medicine |                                             |
| Poland    | Bydgoszcz                    | University Hospital Collegium Medicum                                           |
| Poznan    | University of Medical Sciences Department of Hematology |                                             |
| Poznan    | University of Medical Sciences |                                             |
| Wroclaw   | Wroclaw Medical University   |                                             |
| Portugal  | Lisbon                       | Instituto Portugues de Oncologia                                                |
| Portugal  | Porto                        | Inst. Portugues de Oncologia do Porto                                          |
| Russia    | Moscow                       | Russian s Children's Hospital                                                   |
| Russia    | Saint Petersburg            | Saint Petersburg State Medical Pavlov University                               |
| Saudi Arabia | Riyadh                  | King Faisal Specialist Hospital & Research Centre                             |
| Singapore | Singapore                    | Department of Haematology Singapore General Hospital                          |
| Slovenia  | Ljubljana                    | University Med. Center                                                         |
| South Africa | Cape Town                | University of Cape Town Faculty of Health Sciences                           |
| South Africa | Pretoria                  | Netcare Pretoria East Hospital                                                 |
| Spain     | Barcelona                    | Hospital Clinic                                                               |
| Spain     | Barcelona                    | Hospital Santa Creu i Sant Pau                                                |
| Spain     | Barcelona                    | Hospital Universitari Germans Trias i Pujol                                  |
| Spain     | Barcelona                    | Hospital Vall d’ Hebron                                                        |
| Spain     | Barcelona                    | Hospital Duran i Reynals                                                       |
| Spain     | Cadiz Jerez de la Frontera   | Hospital del SAS                                                              |
| Spain     | Cordova                      | Hosp. Reina Sofia                                                            |
| Spain     | Granada                      | Hospital Univ. Virgen de las Nieves                                            |
| Spain     | La Coruña                    | Complejo Hospitalario de A Coruña                                             |
| Spain     | Madrid                       | Hospital Gregorio Marañón                                                     |
| Spain     | Madrid                       | Hospital Ramon y Cajal                                                         |
| Spain     | Madrid                       | Hospital Universitario La Paz                                                 |
| City            | Hospital/University/Healthcare Institution                                      |
|-----------------|---------------------------------------------------------------------------------|
| Madrid          | Hospital Universitario Puerta de Hierro                                        |
| Madrid          | Niño Jesús Children’s Hospital                                                  |
| Málaga          | Hospital Carlos Haya                                                            |
| Murcia          | Hospital Morales Meseguer                                                       |
| Murcia          | Hospital Universitario Virgen de la Arrixaca                                   |
| Oviedo          | University Hospital of Asturias                                                 |
| Palma de Mallorca | Hospital Universitari Son Dureta                                                |
| Salamanca       | Hospital Clínico                                                                |
| Santander       | Hospital U. Marqués de Valdecilla                                               |
| Santiago de Compostela | Complexo Hospitalario Universitario de Santiago      |
| Seville         | Hospital Universitario Virgen del Rocío                                        |
| Valencia        | Hospital Clínico Universitario                                                   |
| Valencia        | Hospital Universitario La Fe                                                    |
| Valencia Hospital Infantil La Fe |                                                 |
| Vigo            | Hospital Álvaro Cunqueiro - Complejo Hospitalario Universitario de Vigo         |
| Sweden          | Goeteborg - Sahlgrenska University Hospital                                     |
| Lund            | University Hospital                                                             |
| Stockholm       | Karolinska University Hospital Children’s Hospital                              |
| Umea            | Umea University Hospital                                                        |
| Uppsala         | University Hospital                                                             |
| Switzerland     | Basel - University Hospital                                                     |
| Genève          | Hôpitaux Universitaires de Genève                                               |
| Zurich          | University Hospital                                                             |
| Zurich          | University Children’s Hospital                                                   |
| The Netherlands | Amsterdam - Academisch Ziekenhuis bij de Universiteit                           |
| Leiden          | University Hospital                                                             |
| Rotterdam       | Erasmus MC-Daniel den Hoed Cancer Centre                                        |
| Utrecht         | University Medical Centre                                                       |
| Utrecht         | Princess Máxima Center                                                          |
| Turkey          | Ankara - University Faculty of Medicine                                         |
| Antalya         | Akdeniz University Medical School                                               |
| Antalya         | Medical Park Antalya Hospital                                                    |
| Izmir           | Ege University                                                                  |
| United Kingdom  | Birmingham - Birmingham Children’s Hospital                                     |
| Birmingham      | Queen Elizabeth Hospital                                                        |
| Bristol         | Royal Hospital for Children                                                     |
| Cambridge       | Addenbrookes Hospital Department of Haematology                                 |
| Cardiff Wales   | University of Wales                                                             |
| Glasgow         | Royal Hospital for Sick Children                                                 |
| Leeds           | Mid Yorkshire Hospitals NHS Trust                                               |
| Leicester       | Leicester Royal Infirmary                                                       |
| Liverpool       | Alder Hey Children’s NHS Foundation Trust                                       |
| London          | Great Ormond Street Hospital                                                    |
| London          | King’s Denmark Hill Campus School of Medicine                                  |
| London          | Royal Free and University College Medical School                                |
London - St. George's Hospital
London - St. Mary's Hospital Division of Paediatrics
London Surrey Royal Marsden Hospital
Manchester - Christie NHS Trust Hospital
Manchester - Department of Paediatric Haematology
Manchester - Manchester Royal Infirmary Haematology
Newcastle-Upon-Tyne - Newcastle General Hospital Dept. of Paediatric Immunology
Nottingham - Nottingham City Hospital
Oxford - Churchill Hospital
Sheffield - Royal Hallamshire Hospital
**Supplemental Table 2.** Patient and cord-blood unit leader genotype and outcome among 4822 transplants

All cord-blood transplants regardless of HLA match status are included in models that examine the risks of MT and MM genotypes relative to TT in patients separately from units, for acute GVHD, relapse, non-relapse mortality and overall mortality.

| Clinical endpoint | Group* | Odds ratio or hazard ratio | 95% Confidence interval | P value (Global P value) |
|-------------------|--------|---------------------------|-------------------------|-------------------------|
| Grades II-IV acute GVHD Patient genotype TT (911/2735=33%) | 1 | - | (Global P 0.46) |
| | MT (532/1695=31%) | 0.92 | 0.81-1.05 | 0.23 |
| | MM (89/288=31%) | 0.93 | 0.71-1.21 | 0.58 |
| Relapse TT (576/2217=26%) | 1 | - | (Global P 0.09) |
| | MT (366/1303=28%) | 1.06 | 0.93-1.21 | 0.40 |
| | MM (43/208=21%) | 0.73 | 0.52-1.02 | 0.06 |
|                          | TT                  | 1         | -         | (Global P) |
|--------------------------|---------------------|-----------|-----------|------------|
| Non-relapse mortality    | (741/2217=33%)      |           |           | 0.46       |
|                          | MT                  | 0.93      | 0.82-1.05 | 0.22       |
|                          | (405/1303=31%)      |           |           |            |
|                          | MM                  | 0.95      | 0.74-1.22 | 0.68       |
|                          | (68/208=33%)        |           |           |            |
| Mortality                | (1435/2804=51%)     | 1         |           | (Global P |
|                          |                     |           |           | 0.37       |
|                          | MT                  | 0.96      | 0.88-1.05 | 0.36       |
|                          | (850/1723=49%)      |           |           |            |
|                          | MM                  | 0.89      | 0.75-1.07 | 0.22       |
|                          | (132/293=45%)       |           |           |            |
| Grades II-IV acute GVHD  | Cord-blood unit     |           |           | (Global P |
|                          | genotype            |           |           | 0.49       |
|                          | (874/2635=33%)      | 1         |           | (Global P |
|                          |                     |           |           | 0.24       |
|                          | MT                  | 0.92      | 0.81-1.05 | 0.24       |
|                          | (563/1791=31%)      |           |           |            |
|                          | MM                  | 0.98      | 0.76-1.28 | 0.91       |
|                          | (95/292=33%)        |           |           |            |
| Relapse                  | (528/2121=25%)      | 1         | -         | (Global P |
|                          |                     |           |           | 0.13       |
|                  | MT                      | MM                      | Non-relapse mortality | TT                      | MT                      | MM                      | Mortality                  | TT                      | MT                      | MM                      |
|------------------|-------------------------|-------------------------|-----------------------|-------------------------|-------------------------|-------------------------|---------------------------|-------------------------|-------------------------|-------------------------|
|                  | (395/1397=28%)          | (62/210=30%)            |                       | (709/2121=33%)          | (445/1397=32%)          | (60/210=29%)            |                           | (1360/2698=50%)          | (920/1827=50%)          | (137/295=46%)           |
|                  | 1.15                    | 1.03                    |                       | 1                       | 0.94                    | 0.83                    |                           | 1.00                    | 1.00                    | 0.90                    |
|                  | 1.00-1.31               | 0.77-1.37               |                       | -                       | 0.83-1.06               | 0.64-1.09               |                           | 0.92                    | 0.92                    | 0.75-1.07               |
|                  |                          |                          |                       |                          |                         |                         |                           |                         |                         |                         |
|                  |                          |                          |                       |                          |                         |                         |                           |                         |                         |                         |
|                  |                          |                          |                       |                          |                         |                         |                           |                         |                         |                         |
|                  |                          |                          |                       |                          |                         |                         |                           |                         |                         |                         |
|                  |                          |                          |                       |                          |                         |                         |                           |                         |                         |                         |
| *The numbers refer to the number of patients who developed the clinical endpoint out of the total number of evaluable patients (for whom data for the clinical endpoint was available).*
**Supplemental Table 3.** Patient and cord-blood unit leader genotype and outcome among 2178 transplants mismatched for one HLA-B

Study pairs have one mismatch at HLA-B without consideration of match status at other HLA loci.

Models examine the risks of MT and MM genotypes relative to TT in patients separately from units, for acute GVHD, relapse, non-relapse mortality and overall mortality.

| Clinical endpoint | Group/model*                          | Odds ratio or hazard ratio | 95% Confidence interval | P value (Global P Value) |
|-------------------|---------------------------------------|---------------------------|--------------------------|--------------------------|
| Grades II-IV acute GVHD | Patient genotype TT (448/1290=35%) | 1                         | -                        | (Global P 0.82)           |
|                   | MT (240/724=33%)                      | 0.95                      | 0.78-1.16                | 0.60                     |
|                   | MM (41/115=36%)                       | 1.05                      | 0.70-1.58                | 0.81                     |
|                   |                                       |                           |                          |                          |
|                   | Unit genotype TT (419/1196=35%)       | 1                         | -                        | (Global P 0.20)           |
|                   | MT (262/814=32%)                      | 0.87                      | 0.72-1.06                | 0.16                     |
|                   | MM (48/119=40%)                       | 1.18                      | 0.80-1.75                | 0.41                     |
|                  | Patient genotype | TT     | 1     | -     | (Global P 0.27) |
|------------------|------------------|--------|-------|-------|----------------|
| Relapse          |                  |        |       |       |                |
|                  | MT               | 1.00   | 0.82-1.21 | >0.99 |                |
|                  | MM               | 0.67   | 0.41-1.09 | 0.11  |                |
|                  |                  |        |       |       |                |
|                  | Unit genotype    |        |       |       |                |
|                  | MT               | 1.21   | 1.00-1.47 | 0.05  |                |
|                  | MM               | 1.17   | 0.79-1.73 | 0.43  |                |
|                  |                  |        |       |       |                |
| Mortality        | Patient genotype |        |       |       | (Global P 0.83) |
|                  | MT               | 0.97   | 0.85-1.09 | 0.57  |                |
|                  | MM               | 0.96   | 0.74-1.25 | 0.76  |                |
|                  |                  |        |       |       |                |
|                  | Unit genotype    |        |       |       | (Global P 0.46) |
|                  | TT               |        |       |       |                |
| Non-relapse mortality | Patient genotype | TT  | 1  | -  | (Global P 0.83) |
|-----------------------|------------------|-----|----|----|-----------------|
|                       | MT (473/836=57%) | 1.04 | 0.93-1.18 | 0.47 |
|                       | MM (63/120=53%)  | 0.89 | 0.69-1.16 | 0.39 |
|                       | TT (391/1118=35%)| 0.95 | 0.80-1.12 | 0.56 |
|                       | MT (212/625=34%) | 1.01 | 0.72-1.42 | 0.96 |
|                       | MM (38/100=38%)  | 0.98 | 0.83-1.15 | 0.78 |
|                       | TT (366/1035=35%)| 0.71 | 0.48-1.06 | 0.09 |

*The numbers refer to the number of patients who developed the clinical endpoint out of the total number of evaluable patients (for whom data for the clinical endpoint was available).*
**Supplemental Table 4.** Patient and cord-blood unit leader genotype among 1013 single HLA-B-mismatched cord-blood transplants who are matched at HLA-A and HLA-DRB1

A total of 814 patients are evaluable for relapse and non-relapse mortality.

| Clinical endpoint | Group/model* | Odds ratio or hazard ratio | 95% Confidence interval | P value (Global P Value) |
|-------------------|--------------|----------------------------|-------------------------|-------------------------|
| Grades II-IV acute GVHD | Patient genotype TT (219/616=36%) | 1 | - | (Global P 0.77) |
|                    | MT (122/328=37%) | 1.09 | 0.82-1.45 | 0.55 |
|                    | MM (17/44=39%) | 1.18 | 0.62-2.27 | 0.61 |
| Unit genotype      | TT (205/555=36%) | 1 | - | (Global P 0.17) |
|                    | MT (124/372=33%) | 0.87 | 0.65-1.15 | 0.33 |
|                    | MM (29/61=48%) | 1.48 | 0.85-2.55 | 0.16 |
| Relapse            | Patient genotype TT (139/508=27%) | 1 | - | (Global P 0.25) |
|                    | MT (79/272=29%) | 1.08 | 0.80-1.44 | 0.62 |
| Unit genotype | Patient genotype | 0.51 | 0.22-1.21 | 0.13 |
|---------------|----------------|------|-----------|------|
| MM (6/34=18%) | TT (111/468=24%) | 1    | -         | (Global P 0.06) |
|               | MT (91/294=31%) | 1.29 | 0.96-1.73 | 0.09 |
|               | MM (22/52=42%) | 1.69 | 1.03-2.75 | 0.04 |

| Mortality | Patient genotype | 0.58 | 0.89-1.29 | 0.48 |
|-----------|----------------|------|-----------|------|
| MM (30/62=48%) | TT (286/572=50%) | 1    | -         | (Global P 0.58) |
|           | MT (198/379=52%) | 1.07 | 0.89-1.29 | 0.48 |
|           | MM (18/45=40%) | 0.68 | 0.42-1.11 | 0.13 |
| Non-relapse mortality | Patient genotype | TT (158/508=31%) | 1 | - | (Global P 0.11) |
|-----------------------|------------------|-------------------|---|---|------------------|
|                       | MT (82/272=30%)  | 0.99              | 0.76-1.30 | 0.94 |
|                       | MM (7/34=21%)    | 0.59              | 0.27-1.28 | 0.18 |
| Unit genotype         | TT (150/468=32%) | 1                 | -         | (Global P 0.11) |
|                       | MT (89/294=30%)  | 0.99              | 0.75-1.30 | 0.93 |
|                       | MM (8/52=15%)    | 0.46              | 0.23-0.95 | 0.03 |

*The numbers refer to the number of patients who developed the clinical endpoint out of the total number of evaluable patients (for whom data for the clinical endpoint was available).*