**Appendix Table D16. Quality assessment**

| **Author, year**  **UID**  **Country**  **Study name** | **Patients selection** |  |  |  |  | **Index test** |  |  |  | **Reference standard** |  |  |  | **Flow and timing** |  | |  | |  | |  | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **ROB**  **(selection)** | **Applicability**  **(selection)** | **4** | **5** | **ROB**  **(index)** | **Applicability**  **(index)** | **6** | **7** | **ROB**  **(reference)** | **Applicability**  **(reference)** | **8** | **9** | | **10** | | **11** | | **ROB**  **(flow & timing)** | |
| Collet, 2009{Collet, 2009 140 /id}  19108880  France  AFIJI (Appraisal of risk Factors in young Ischemic patients Justifying aggressive Intervention) registry | YES  (explicitly states consecutive patients were enrolled) | YES | NO  [the study included person time during which patients were not exposed to clopidogrel – and the drug was started a subsequent hospitalization; 16%] | LOW | LOW  (all patients younger than 45 yrs) | NR | NO  (no rationale for the grouping of genotypes) | HIGH | LOW | YES | YES  (events adjudicate by 2 cardiologists blind to the genetic analysis) | LOW | LOW | YES  (mean FU = 2.84 yr) | YES | | YES | | YES | | LOW | |
| Fontana, 2008{Fontana, 2008 182 /id}  17681590  Switzerland  NR | YES | YES | YES | LOW | LOW | YES  (genotype technician was blind to phenotypic status) | NO  (based on observed sample size) | HIGH | HIGH  (PCR-RFLP assay home-brew) | NO  (laboratory measurements only) | NO | HIGH | YES | NO  (median = 19 d) | YES | | YES | | YES | | LOW | |
| Giusti, 2007{Giusti, 2007 190 /id}  18004210  Italy  NR | YES | YES | YES | LOW | LOW | NR | NO  (multiple genetic models tested) | HIGH | HIGH | NO  (lab measurements only) | NR | HIGH | HIGH | NO  (24 h; 6 d for patients receiving IIb/IIIa inhibitors) | YES | | YES | | YES | | LOW | |
| Giusti, 2009{Giusti, 2009 134 /id}  19268736  Italy  RECLOSE study  (Low Responsiveness to Clopidogrel and Sirolimus- or Paclitaxel-Eluting Stent Thrombosis) | YES | YES | YES | LOW | LOW | NR | NO | HIGH | HIGH | YES | YES  (states that event adjudication was blind to laboratory results) | LOW | LOW | NO  (6 mo) | YES | | YES | | YES | | LOW | |
| Gladding, 2009{Gladding, 2009 248 /id}  19926050  New Zealand  NR | NR | YES | YES | LOW | LOW | NO | NO | HIGH | LOW | NO | NR | UNCLEAR | HIGH | NO | YES | | YES | | YES | | LOW | |
| Jinnai, 2009{Jinnai, 2009 120 /id}  19531897  Japan  Partly industry funded | NO | YES | NO | HIGH | LOW | NR | NO | HIGH | LOW | YES  (for stent thrombosis) | NR | UNCLEAR | UNCLEAR (because the ascertainment method for stent thromboses was not reported) | NO | YES | | YES | | YES  (2/25 = 8%) | | LOW | |
| Mega, 2009{Mega, 2009 141 /id}  19106084  Multinational Genetics substudy of TRITON-TIMI 38 [Therapeutic Outcomes by Optimizing Platelet Inhibition with Prasugrel-Thrombolysis in Myocardial Infarction] | NO  (sample selected from those participating in a trial) | YES | YES | LOW | LOW | NR | YES  (literature based) | UNCLEAR | LOW | YES | NR  (blinding was to treatment assignment, not genotype status) | UNCLEAR | LOW | YES  (upto 15 mo) | YES | | YES | | YES | | LOW | |
| Shuldiner, 2009{Shuldiner, 2009 116 /id}  19706858  USA  Sinai Hospital of Baltimore Study | NR | YES | YES | LOW | LOW | NR | No | HIGH | LOW | YES | YES | LOW | LOW (composite outcome only) | YES (12 month for time-to-event analyses) | YES | | YES | | YES | | LOW | |
| Sibbing, 2009{Sibbing, 2009 133 /id}  19193675  Germany  NR | NO | YES | NO  [convenience sample of 46% of the patients in 4 ISAR trials + genotyping material not available from all] | HIGH | LOW | NR | YES | UNCLEAR | LOW | YES | YES  (explicitly states blinding of outcome assessor to genotype data) | LOW | LOW | NO  (30d) | YES | | YES | | YES | | LOW | |
| Sibbing, 2010{Sibbing, 2010 95 /id}  20083681  Germany  Part of a prospective study of the Multiplate analyzer | YES | YES | YES | LOW | LOW | YES (blind genotyping) | NO  (analyses performed with multiple genetic models) | HIGH | LOW | YES  (several clinical endpoints) | YES (blind outcome adjudication) | LOW | LOW | NO  (all outcome ascertained at 30 d) | YES | | YES | | YES | | LOW | |
| Varenhorst, 2009{Varenhorst, 2009 122 /id}  19429918  Sweden  Genetic sub-study | NO | YES | NO  (11% of eligible patients refused to provide Conseco) | HIGH | LOW | NR  (unclear when genetic testing was performed) | YES  (grouping was based on literature) | UNCLEAR | LOW | NO | NR (unclear if blinding was used for the test results) | HIGH | HIGH | NO  [max followup was 29 d] | YES | | YES | | YES  [1 patients was classified as “uncertain functional status”] | | LOW | |
| Frere, 2008{Frere, 2008 176 /id}  18394438  France  NONE | YES | YES | YES | LOW | LOW | NR | NO | HIGH | HIGH | NO | NR | YES | HIGH | NO | NO [not for all assays; i.e. there was incomplete verification] | | YES [there was no differential verification] | | NO [at least for some of the assays] | | HIGH | |
| Frere, 2009{Frere, 2009 117 /id}  19496924  France  Part of larger observational study | NO | YES | NR  (appears that patients were selected from a previous study but criteria NR) | UNCLEAR | UNCLEAR | NR | NO | HIGH | UNCLEAR (genotyping assay not reported) | NO  (only lab measurements) | NR | HIGH | HIGH | NO  (details about timing poorly reported) | YES | | YES | | YES | | LOW | |
| Bonello-Palot{Bonello-Palot, 2009 107 /id} 2009  19932784  France  NR | NO | YES | YES | LOW | LOW | NR | YES | UNCLEAR | LOW | NO | NR | HIGH | HIGH | NO | YES | | YES | | YES | | LOW | |
| Harmsze 2010{Harmsze, 2010 102 /id}  19934793  Netherlands  NR | YES | YES | YES | LOW | LOW | NR | YES | UNCLEAR | LOW | NO | NR | HIGH | HIGH | NO | YES | | YES | | YES | | LOW | |
| Trenk 2008{Trenk, 2008 171 /id}  18482659  Germany  EXCELSIOR (Impact of Extent of Clopidogrel- Induced Platelet Inhibition During Elective Stent Implantation  on Clinical Event Rate) | NO  (included all patients in the prospective EXCELSIOR cohort that had genotypic information) | YES | NO | HIGH | LOW | YES | YES | LOW | LOW | YES | YES | LOW | LOW | YES; 12 months | YES | | YES | | YES | | LOW | |
| Tantry 2010{Tantry, 2010 39 /id}  21079055  Multicountry - North America and Europe  Genetic substtudy of ONSET/OFFSET and RESPOND | NO [but patients are volunteers from 2 RCTs] | YES | YES | LOW | LOW | NR | NO [not explicitly based on independent information] | HIGH | LOW | NO [lab measurements] | NR | HIGH | HIGH | NO [2-6 weeks] | YES | | YES | | YES | | LOW | |
| Wallentin, 2010{Wallentin, 2010 56 /id}  20801498  Multiple countries (43 countries in North America, South America, Europe, Asia, Australia)  PLATO | NO [substudy, voluntary provision of samples ] | YES | YES | LOW | LOW | NR  [study was “double-blind, double-dummy” but genetic testing done only in substudy and NR there] | NO | HIGH | LOW | YES | NR  [study was “double-blind, double-dummy” but genetic testing done only in substudy and NR there] | UNCLEAR | LOW | YES  [12months] | YES | | YES | | YES | | LOW | |
| Hochholzer, 2010{Hochholzer, 2010 76 /id}  20510210  Germany  EXCELSIOR | NO | YES | YES | LOW | LOW | NR | YES | UNCLEAR | LOW | NO | NR | HIGH | HIGH | NO  [6months] | YES | | YES | | YES | | LOW | |
| Jeong 2010{Jeong, 2010 70 /id}  20650435  Korea  NR | NO | YES | YES | LOW | LOW | NR | NO | HIGH | HIGH | NO | NR | HIGH | HIGH | NO [1 month] | YES | | YES | | YES | | LOW | |
| Barker, 2010{Barker, 2010 52 /id}  20965456  USA  NR | NO | YES | NO | UNCLEAR | LOW | NR | YES | UNCLEAR | LOW | NO | NR | HIGH | HIGH | NO | YES | | YES | | YES | | LOW | |
| Bonello, 2010{Bonello, 2010 45 /id}  20708365  France  NR | NR | YES | YES | LOW | LOW | NR | NO | UNCLEAR | HIGH | YES | NR | UNCLEAR | LOW | NO | YES | | YES | | YES | | LOW | |
| Gurbel 2011{Gurbel, 2011 24 /id}  21392617  USA  NR | YES | YES | No [1 patient with CYP2C19\*3 excluded] | LOW | LOW | NR | YES | UNCLEAR | LOW | NO | NR | HIGH | HIGH | NR | YES | | YES | | YES | | LOW | |
| Hwang 2011{Hwang, 2011 35 /id}  21075428  Souh Korea  NR | YES | YES | NR | LOW | LOW | NR | YES | UNCLEAR | LOW | NO | NR | HIGH | HIGH | NO | YES | | YES | | YES | | HIGH | |
| Kang, 2010{Kang, 2010 40 /id}  20724801  Korea  NR | YES | YES | No[19.1% excluded] | LOW | LOW | NR | YES | UNCLEAR | LOW | NO | NR | HIGH | HIGH | No [1 month] | YES | | YES | | NO [176 of 215 included;19.1% excluded] | | HIGH | |
| Liu 2010{Liu, 2010 38 /id}  21163112  China  NR | YES | YES | NR | LOW | LOW | NR | NR | NR | HIGH | NO | NR | HIGH | HIGH | YES [12 months] | YES | | YES | | YES | | LOW | |
| Maeda, 2010{Maeda, 2011 30 /id}  21178986  Japan  NR | NR | YES | YES | LOW | LOW | NR | NR | UNCLEAR | LOW | NO | NR | HIGH | HIGH | NO | YES | | YES | | YES | | LOW | |
| Malek, 2010{Malek, 2010 43 /id}  20924183  Poland  NR | YES | YES | YES | LOW | LOW | NR | NR | UNCLEAR | LOW | YES | NR | UNCLEAR | LOW | YES [4 years] | YES | | YES | | YES | | LOW | |
| Simon 2011{Simon, 2011 27 /id}  21262992  France  NR | NO | YES | YES | LOW | LOW | NR | NR | unclear | NR | YES | NR | NR | LOW | NR | YES | | YES | | NO | | low | |
| Yamamoto 2011{Yamamoto, 2011 25 /id}  21168310  Japan  NR | YES | YES | YES | LOW | LOW | NR | YES | UNCLEAR | HIGH | YES | NR | UNCLEAR | LOW | YES [1 year] | YES | | YES | | NO [20%] | | LOW | |
| Park 2011{Park, 2011 21 /id}  21345843  Korea  CILON-T | YES | YES | YES | LOW | LOW | NR | YES | UNCLEAR | LOW | NO | NR | HIGH | HIGH | NO [6 months] | YES | | YES | | YES | | LOW | |
| Tiroch, 2010{Tiroch, 2010 62 /id}  20826260  Germany  NR | YES | YES | YES | LOW | LOW | NR | NR | UNCLEAR | LOW | YES | NR | UNCLEAR | LOW | YES [1 year] | YES | | YES | | YES | | LOW | |
| Sorich, 2010{Sorich, 2010 49 /id}  20492467  707 sites in 30 countries  Substudy of TRITON-TIMI 38 | YES | YES | YES | LOW | LOW | NR | NR | UNCLEAR | LOW | YES | NR | UNCLEAR | LOW | YES [15 months] | YES | | YES | | YES | | LOW | |
| Sibbing, 2010{Sibbing, 2010 48 /id}  20492469  Germany | YES | YES | YES | LOW | LOW | YES | NO | HIGH | LOW | NO | YES | HIGH | HIGH | NO | YES | | YES | | YES | | LOW | |
| Sawada, 2010{Sawada, 2010 36 /id}  21099121  Japan  NR | NR | YES | NR [367 patients at start, end up 100] | UNCLEAR | LOW | NR | NR | UNCLEAR | LOW | YES | NR | UNCLEAR | LOW | NO | YES | | YES | | YES | | LOW | |
| Pare, 2010{Pare, 2010 46 /id}  20979470  Multiple countries  CURE and ACTIVE | YES | YES | YES | LOW | LOW | NR | NR | UNCLEAR | UNCLEAR | YES | NR | UNCLEAR | LOW | Yes/no[ 3-12 months for CURE; 3.6 years for ACTIVE] | YES | | YES | | YES | | LOW | |
| Mega, 2010{Mega, 2010 57 /id}  20801494  707 sites in 30 countries  TRITON-TIMI 38 | YES | YES | YES | LOW | LOW | NR | NR | UNCLEAR | LOW | YES | NR | UNCLEAR | LOW | YES [15 months] | YES | | YES | | YES | | LOW | |
| Bouman 2011{Bouman, 2011 9 /id}  21628721  Netherlands  Genetic substudy of the Popular study | yes | Yes | NO [but 45 (4%) of patients without DNA samples were excluded | Low | Low | NR | NA (no grouping used) | Unclear | UNCLEAR [manufacturer not reported] | NO [lab measurements] | NR | High | High | NR | | Yes | | Yes | | NO | | UNCLEAR | |
| Campo 2011{Campo, 2011 185 /id}  21679849  Italy  NR | Yes | Yes | Yes | Low | Low | NR | Yes | Low | Low | Yes | NR | Unclean | Low | Yes 12 mo | | Yes | | Yes | | Yes | | LOW | |
| Fernando 2011{Fernando, 2011 233 /id}  21696537  Australia  NR | NO [but study is a randomized crossover trial] | Yes | Yes | Low | Low | NR | NO | High | Low | No | NR | High | High | No | | Yes | | Yes | | Yes  2/31<10% | | Low | |
| Geisler 2008{Geisler, 2008 161 /id}  18781853  Germany  NR | Yes | Yes | Yes | Low | Low | Yes | No | High | Low | No | NR | High | High | No max 285 hours | | Yes | | Yes | | Yes | | LOW | |
| Gladding 2008{Gladding, 2008 149 /id}  19463375  New Zealand  PRINC (Plavix Response in Coronary Intervention) Trial | Yes | Yes | Yes | Low | Low | NR | Yes | Unclear | Low | No | NR | High | Low | No 7 days | | Yes | | Yes | | Yes | | LOW | |
| Gurbel 2010{Gurbel, 2010 91 /id}  19817997  USA  NR | No | Yes | Yes (20 pts were excluded on basis of HPR threshold but this was part of study?] | Low | Low | NR | Yes | Unclear | Low | No | NR | High | High | No 97-10 days) | | Yes | | Yes | | Yes | | LOW | |
| Harmsze 2010{Harmsze, 2010 6 /id}  20833683  Netherlands  NR | Yes | No | no [176/210, N was reduced on basis of available DNA samples] | high | LOW | NR | NA | Unclear | UNCLEAR [manufacturer not named] | Yes | NR | Unclean | Low | Yes | | Yes | | Yes | | no | | LOW | |
| Kim 2011{Kim, 2011 18 /id}  21511217  South korea  CCELAMI2C19 | Yes | Yes | no | LOW | LOW | NR | NO | High | Low | No | NR | High | High | No (30 days) | | Yes | | Yes | | NO  [14 patients (11.4%) excluded for lack of DNA sample or poor compliance] | | HIGH | |
| Lee 2011{Lee, 2011 4 /id}  21786436  South Korea  NR | No | Yes | Yes | LOW | LOW | NR | No | High | Low | No | NR | High | High | No | | YES | | YES | | YES | | LOW | |
| Malek 2008{Malek, 2008 167 /id}  18577829  Poland  NR | NR | Yes | Yes | LOW | LOW | NR | No | High | Low | Yes | NR | Unclean | Low | Yes (12 mo) | | YES | | YES | | YES | | LOW | |
| Pettersen 2011{Pettersen, 2011 228 /id}  21426546  Norway  Aspirin and Clopidogrel non-responsiveness clinical Endpoint Trial (ASCET) | Yes | Yes | Yes | LOW | LOW | NR | Yes | Unclear | Low | No | NR | High | High | NR | | Yes | | Yes | | Yes | | LOW | |
| Sibbing 2011{Sibbing, 2011 2 /id}  21527445  Germany  NR | NO [but from larger consecutive samples] | NO [it was in one group—the main, PCI cohort, but not in the second part of the study] | Yes | High | LOW | NR | NA | UNCLEAR | Low | YES | NR | Low | Low | NR | | YES | | YES | | YES | | LOW | |
| Simon 2009{Simon, 2009 142 /id}  19106083  France  FAST-MI | yes | yes | YES [66% of FAST-MI patients had genetic data] | low | LOW | NR | No | high | low | YES | YES | low | low | YES | | YES | | YES | | YES | | LOW | |
| Hwang  2010{Hwang, 2010 55 /id}  20823393  Korea  ACCEL | no | yes | no | high | low | yes | yes | low | low | no | NR | high | high | no | | yes | | yes | | no | | unclear | |
| Chen. 2012{Chen, 2012 18196 /id}  22723959  Taiwan  CAPTAIN | NR | no | yes | unclear | low | NR | NR | unclear | high | yes | NR | unclear | low | no | | yes | | yes | | yes | | low | |
| Cuisset, 2011{Cuisset, 2011 18195 /id}  21803320  France  NR | yes | yes | yes | low | low | NR | yes | unclear | high | no | NR | high | high | no | | yes | | yes | | yes | | low | |
| Gajos, 2012{Gajos, 2012 18197 /id}  22623230  Poland  OMEGA-PCI | yes | yes | yes | low | low | yes | NA | unclear | low | no | NR | unclear | high | no | | yes | | yes | | yes | | low | |
| Luo, 2011{Luo, 2011 18198 /id}  22118006  China  NR | yes | yes | yes | low | low | NR | NA | unclear | low | yes | yes | low | low | no | | yes | | yes | | yes | | low | |
| Tello-Montoliu 2012{Tello-Montoliu, 2012 18200 /id}  22116003  Spain  study one of the paper | no | yes | yes | low | low | yes | NA | unclear | low | no | NR | unclear | high | no | | yes | | yes | | yes | | low | |
| Tello-Montoliu 2012  {Tello-Montoliu, 2012 18200 /id}22116003  Spain  study two of the paper | yes | yes | no | low | low | yes | NA | unclear | low | yes | NR | unclear | low | no | | yes | | yes | | no | | high | |
| Price, 2012{Price, 2012 18227 /id}  22624833  US  GIFT (Genotype Information and Functional Testing) Study—a prespeciﬁed genetic substudy of GRAVITAS [Price 2011, PMID 21406646] | YES (substudy of RCT) | YES | YES | LOW | LOW | UNCLEAR | NO | UNCLEAR | LOW | YES | YES | LOW | LOW | NO | | YES | | YES | | YES | | LOW | |
| Gremmel, 2012{Gremmel, 2012 18228 /id}  22154242  Austria  NR | UNCLEAR | YES | YES | LOW | LOW | YES | YES | LOW | LOW | NO | YES | HIGH | HIGH | NO | | YES | | YES | | YES | | LOW | |
| Harmsze, 2012{Harmsze, 2012 18224 /id}  22228204  Netherlands  NR | YES | YES | YES | LOW | LOW | UNCLEAR | NO | UNCLEAR | LOW | YES | YES | LOW | LOW | YES | | YES | | YES | | YES | | LOW | |
| Kreutz, 2012{Kreutz, 2012 18223 /id}  22427735  US  NR | UNCLEAR | YES | YES | LOW | LOW | UNCLEAR | UNCLEAR | UNCLEAR | LOW | NO | UNCLEAR | UNCLEAR | HIGH | NO | | YES | | YES | | YES | | LOW | |
| Dai, 2012{Dai, 2012 18226 /id}  22704413  China  NR | UNCLEAR | YES | YES | LOW | LOW | UNCLEAR | YES | UNCLEAR | LOW | YES | UNCLEAR | UNCLEAR | LOW | NO | | YES | | YES | | YES | | LOW | |
| Harmsze, 2011{Harmsze, 2011 18201 /id}  21854540  Netherlands  POPular | yes | yes | no | low | low | NR | NR | unclear | high | yes | yes | low | low | yes | | yes | | yes | | no | | low | |
| Ono, 2011{Ono, 2011 18202 /id}  21862109  Japan  NR | yes | yes | yes | low | low | NR | NR | unclear | HIGH | yes | NR | unclear | low | yes | | yes | | yes | | yes | | low | |
| Delaney, 2012{Delaney, 2012 18204 /id}  22190063  USA  NR | no | no | no | high | low | NR | NR | unclear | low | yes | NR | low | low | yes | | yes | | yes | | no | | low | |
| Bhatt, 2012{Bhatt, 2012 18205 /id}  22450429  USA  CHARISMA | NR | yes | yes | low | low | NR | NR | UNCLEAR | low | yes | NR | unclear | low | yes | | yes | | yes | | yes | | low | |
| Fontana 2011 {Fontana, 2011 18211 /id}  21692977  Switzerland  ADRIE | yes | yes | yes | low | low | NR | NR | UNCLEAR | high | no | NR | high | high | no | | yes | | yes | | yes | | low | |
| Aleil, 2009{Aleil, 2009 18222 /id}  19624462  France  VASP-02 [genetic reanalysis thereof] | YES | YES | YES | LOW | LOW | NR | NR | UNCLEAR | LOW | NO | NR | HIGH | HIGH | NO | | YES | | YES | | YES | | LOW | |
| Chen, 2012{Chen, 2012 18221 /id}  22071359  China  NR | YES | YES | YES | LOW | LOW | NR | NR | UNCLEAR | LOW | YES | NR | UNCLEAR | LOW | YES | | YES | | YES | | YES | | LOW | |
| Kreutz, 2012{Kreutz, 2012 18218 /id}  22385219  USA  NR | NR | YES | YES | LOW | LOW | NR | NR | UNCLEAR | LOW | NO | NR | HIGH | HIGH | NO | | YES | | YES | | YES | | LOW | |
| Marcucci, 2012{Marcucci, 2012 18217 /id}  22390861  Italy  NR | NR | YES | YES | LOW | LOW | NR | NR | UNCLEAR | LOW | NR | NR | UNCLEAR | LOW | YES | | YES | | YES | | YES | | LOW | |
| Mega, 2011{Mega, 2011 18190 /id}  22088980  USA  ELEVATE-TIMI 56 | NR | YES | YES | LOW | LOW | YES | NR | UNCLEAR | LOW | NO | YES | HIGH | LOW | YES | | YES | | YES | | YES | | LOW | |
| Nishio, 2012{Nishio, 2012 18214 /id}  22785462  Japan  NR | NR | YES | YES | LOW | LOW | NR | NR | UNCLEAR | LOW | NR | NR | UNCLEAR | LOW | YES | | YES | | YES | | YES | | LOW | |
| Park, 2012{Park, 2012 18216 /id}  22507978  Korea  ACCEL-STATIN | NR | YES | YES | LOW | LOW | NR | NR | UNCLEAR | LOW | NO | NR | UNCLEAR | HIGH | NO | | YES | | YES | | YES | | LOW | |
| Teixeira, 2012{Teixeira, 2012 18219 /id}  22377481  Portugal  NR | NR | YES | YES | LOW | LOW | NR | NR | UNCLEAR | LOW | YES | NR | UNCLEAR | LOW | NO | | YES | | YES | | YES | | LOW | |
| Parri, 2012{Parri, 2012 18215 /id}  22727972  Italy  NR | NR | YES | YES | LOW | LOW | NR | YES | LOW | LOW | YES | NR | UNCLEAR | LOW | NO | | YES | | YES | | YES | | LOW | |
| Yamane, 2012{Yamane, 2012 18229 /id}  22472213  Japan  NR | NR | yes | yes | low | low | NR | NR | unclear | high | no | NR | unclear | high | no | | yes | | yes | | yes | | low | |
| Hsu, 2011{Hsu, 2011 18235 /id}  21144850  Taiwan  NR | yes | yes | no | low | low | NR | NR | unclear | low | yes | NR | unclear | low | no | | yes | | yes | | no | | unclear | |
| Kim, 2012 {Kim, 2012 18236 /id}  22007612  Korea  ACCEL-TRIPLE | NR | yes | yes | low | low | NR | NR | unclear | low | yes | NR | unclear | low | no | | yes | | yes | | yes | | low | |
| Siller-Matula, 2012{Siller-Matula, 2012 18177 /id} 22260716 Austria PEGASUS-PCI | Yes | yes | yes | low | low | yes | yes | low | low | yes | yes | low | low | yes[12 months] | | yes | | yes | | yes | | low | |
| Bonello, 2012{Bonello, 2012 18189 /id} 22285300 France NR | NR | Yes | Yes | Low | Low | NR | No | High | Low | No | NR | High | High | No (1 day) | | Yes | | Yes | | No | | High | |
| Simon, 2011{Simon, 2011 18191 /id} 21918510 France FAST-MI | NR | yes | Yes | Low | Low | NR | Yes | Unclear | Low | Yes | Yes | Low | Low | Yes [1 year] | | Yes | | Yes | | Yes | | Low | |
| Collet, 2011{Collet, 2011 18192 /id} 21511218 France CLOVIS-2 | NR | Yes | Yes | Low | Low | NR | Yes | Unclear | Low | No | Yes | High | high | No; 0.25 days | | Yes | | yes | | Yes | | Low | |
| Jaitner, 2012{Jaitner, 2012 18188 /id} 22298798 Germany NR | No | No | No | High | LOW | NR | NR | Unclear | Low | YES | NR | High | Low | No (<30 days) | | Yes | | Yes | | Yes | | Low | |
| Hochholzer, 2011{Hochholzer, 2011 18208 /id}  21884870  NR  EXCELSIOR | NR | Yes | Yes | Low | Low | NR | NR | Unclear | Low | No | NR | High | High | No [1 day] | | Yes | | Yes | | Yes | | Low | |
| Kassimis, 2012{Kassimis, 2012 18209 /id}  21831410  Greece  NR | Yes | Yes | Yes | Low | Low | Yes | Yes | Low | Low | No | NR | High | High | No [1 day] | | Yes | | Yes | | Yes | | Low | |
| Namazi, 2012{Namazi, 2012 18206 /id}  22265638  Iran  NR | No | Yes | Yes | Low | Low | Yes | Yes | Low | Low | No | NR | High | High | No [30 days] | | Yes | | Yes | | Yes | | Low | |
| Rideg, 2011{Rideg, 2011 18210 /id}  21806387  Hungary  DOSER | No | Yes | Yes | Low | Low | Yes | Yes | Low | Low | YES | Yes | Low | Low | Yes [1 year] | | Yes | | Yes | | Yes | | Low | |
| Jeong, 2011{Jeong, 2011 18207 /id}  22045970  Korea  NR | No | Yes | Yes | Low | Low | Yes | Yes | Low | Low | YES | Yes | Low | Low | Yes [1 year] | | Yes | | Yes | | Yes | | Low | |
| Chan,2012{Chan, 2012 18212 /id}  22462746  Singapore  NR | Yes | Yes | Yes | Low | Low | Yes | Yes | Low | Low | No | NR | High | High | No [7 days] | | Yes | | Yes | | Yes | | Low | |
| Goodman, 2012{Goodman, 2012 18213 /id}  22261200  Multi-country  PLATO | Yes | Yes | Yes | Low | Low | Yes | Yes | Low | Low | YES | Yes | Low | Low | Yes [1 year] | | Yes | | Yes | | Yes | | Low | |
| Park, 2012{Park, 2012 18238 /id}  22735685  Korea  CROSS-VERIFY | Yes | Yes | No  (CYP2C19 results were only reporter for CYP3A5 expressers) | Low | Low | Yes | Yes | Low | Low | YES | Yes | Low | Low | Yes [1 year] | | Yes | | Yes | | Yes | | Low | |
| Kreutz, 2012{Kreutz, 2012 18237 /id}  22459907  USA  NR | NR | Yes | Yes | Low | Low | Yes | Yes | Low | Low | No | NR | High | High | No [1 day] | | Yes | | Yes | | Yes | | Low | |
| Yan, 2011{Yan, 2011 18304 /id}  21778720  China  NR | Yes | Yes | Yes | Low | Low | NR | Yes | Unclear | Low | Yes | Yes | Low | Low | Yes[2 years] | | Yes | | Yes | | Yes | | Low | |
| Cayla, 2011{Cayla, 2011 18320 /id}  22028352  France  ONASSIST | No | No | Yes | High | Low | NR | Yes | Unclear | Low | Yes | NR | Unclear | Low | NA [case-control study] | | Yes | | yes | | Yes | | Low | |
| Hulot, 2011{Hulot, 2011 18321 /id}  21972404  France  AFIJI | No | Yes | Yes | Low | Low | Yes | Yes | Low | Low | Yes | Yes | Low | Low | No [6 months] | | Yes | | Yes | | Yes | | Low | |
| Hulot, 2011{Hulot, 2011 18321 /id}  21972404  France  CLOVIS-2 | No | Yes | Yes | Low | Low | Yes | Yes | Low | Low | No | Yes | High | High | No [6 hours] | | Yes | | Yes | | Yes | | Low | |
| Roberts, 2012{Roberts, 2012 18260 /id}  22464343 | Yes | Yes | Yes | Low | Low | yes | NR | Unclear | Low | No | NR | High | High | No [7 days] | | Yes | | Yes | | Yes | | Low | |
| Jeong, 2012{Jeong, 2012 18322 /id}  22837373  Korea  ACCEL-DM | no | yes | yes | low | low | NR | NR | unclear | low | yes | NR | unclear | low | no | | yes | | yes | | yes | | low | |