**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}19108880FranceAFIJI (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}17681590SwitzerlandNR | 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}18004210ItalyNR | 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}19268736ItalyRECLOSE 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}19926050New ZealandNR | NR | YES | YES | LOW | LOW | NO | NO | HIGH | LOW | NO | NR | UNCLEAR | HIGH | NO | YES | YES | YES | LOW |
| Jinnai, 2009{Jinnai, 2009 120 /id}19531897JapanPartly 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}19106084Multinational 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}19706858USASinai 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}19193675GermanyNR | 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}20083681GermanyPart 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}19429918SwedenGenetic 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}18394438FranceNONE | 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}19496924FrancePart 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} 200919932784FranceNR | NO | YES | YES | LOW | LOW | NR | YES | UNCLEAR | LOW | NO | NR | HIGH | HIGH | NO | YES | YES | YES | LOW |
| Harmsze 2010{Harmsze, 2010 102 /id}19934793NetherlandsNR | YES | YES | YES | LOW | LOW | NR | YES | UNCLEAR | LOW | NO | NR | HIGH | HIGH | NO | YES | YES | YES | LOW |
| Trenk 2008{Trenk, 2008 171 /id}18482659GermanyEXCELSIOR (Impact of Extent of Clopidogrel- Induced Platelet Inhibition During Elective Stent Implantationon 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}21079055Multicountry - North America and EuropeGenetic 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}20801498Multiple 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}20510210GermanyEXCELSIOR | 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}20650435KoreaNR | 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}20965456USANR | NO | YES | NO | UNCLEAR | LOW | NR | YES | UNCLEAR | LOW | NO | NR | HIGH | HIGH | NO | YES | YES | YES | LOW |
| Bonello, 2010{Bonello, 2010 45 /id}20708365FranceNR | NR | YES | YES | LOW | LOW | NR | NO | UNCLEAR | HIGH | YES | NR | UNCLEAR | LOW | NO | YES | YES | YES | LOW |
| Gurbel 2011{Gurbel, 2011 24 /id}21392617USANR | 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}21075428Souh KoreaNR | YES | YES | NR | LOW | LOW | NR | YES | UNCLEAR | LOW | NO | NR | HIGH | HIGH | NO | YES | YES | YES | HIGH |
| Kang, 2010{Kang, 2010 40 /id}20724801KoreaNR | 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}21163112ChinaNR | 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}21178986JapanNR | NR | YES | YES | LOW | LOW | NR | NR | UNCLEAR | LOW | NO | NR | HIGH | HIGH | NO | YES | YES | YES | LOW |
| Malek, 2010{Malek, 2010 43 /id}20924183PolandNR | 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}21262992FranceNR | NO | YES | YES | LOW | LOW | NR | NR | unclear | NR | YES | NR | NR | LOW | NR | YES | YES | NO | low |
| Yamamoto 2011{Yamamoto, 2011 25 /id}21168310JapanNR | 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}21345843KoreaCILON-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}20826260GermanyNR | 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}20492467707 sites in 30 countriesSubstudy 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}20492469Germany | YES | YES | YES | LOW | LOW | YES | NO | HIGH | LOW | NO | YES | HIGH | HIGH | NO | YES | YES | YES | LOW |
| Sawada, 2010{Sawada, 2010 36 /id}21099121JapanNR | 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}20979470Multiple countriesCURE 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}20801494707 sites in 30 countriesTRITON-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}21628721NetherlandsGenetic 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}21679849ItalyNR | 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}21696537AustraliaNR | 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}18781853GermanyNR | 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}19463375New ZealandPRINC (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}19817997USANR | 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}20833683NetherlandsNR | 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}21511217South koreaCCELAMI2C19 | 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}21786436South KoreaNR | No  | Yes  | Yes  | LOW  | LOW  | NR | No | High  | Low  | No  | NR | High  | High  | No  | YES | YES | YES | LOW  |
| Malek 2008{Malek, 2008 167 /id}18577829PolandNR | 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}21426546NorwayAspirin 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}21527445GermanyNR | 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}19106083FranceFAST-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  |
| Hwang2010{Hwang, 2010 55 /id}20823393KoreaACCEL | no | yes | no | high | low | yes | yes | low | low | no | NR | high | high | no | yes | yes | no | unclear |
| Chen. 2012{Chen, 2012 18196 /id}22723959TaiwanCAPTAIN | NR | no | yes | unclear | low | NR | NR | unclear | high | yes | NR | unclear | low | no | yes | yes | yes | low |
| Cuisset, 2011{Cuisset, 2011 18195 /id}21803320FranceNR | yes | yes  | yes | low | low | NR | yes | unclear | high | no | NR | high | high | no | yes | yes | yes | low |
| Gajos, 2012{Gajos, 2012 18197 /id}22623230PolandOMEGA-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}22118006ChinaNR | 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}22116003Spainstudy 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}22116003Spainstudy 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}22624833USGIFT (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}22154242AustriaNR | UNCLEAR | YES | YES | LOW | LOW | YES | YES | LOW | LOW | NO | YES | HIGH | HIGH | NO | YES | YES | YES | LOW |
| Harmsze, 2012{Harmsze, 2012 18224 /id}22228204NetherlandsNR | YES  | YES | YES | LOW | LOW | UNCLEAR | NO | UNCLEAR | LOW | YES | YES | LOW | LOW | YES | YES | YES | YES | LOW |
| Kreutz, 2012{Kreutz, 2012 18223 /id}22427735USNR | UNCLEAR | YES | YES | LOW | LOW | UNCLEAR | UNCLEAR | UNCLEAR | LOW | NO | UNCLEAR | UNCLEAR | HIGH | NO | YES | YES | YES | LOW |
| Dai, 2012{Dai, 2012 18226 /id}22704413ChinaNR | UNCLEAR | YES | YES | LOW | LOW | UNCLEAR | YES | UNCLEAR | LOW | YES | UNCLEAR | UNCLEAR | LOW | NO | YES | YES | YES | LOW |
| Harmsze, 2011{Harmsze, 2011 18201 /id}21854540NetherlandsPOPular | yes | yes | no  | low | low | NR | NR | unclear | high | yes | yes | low | low | yes | yes | yes | no | low |
| Ono, 2011{Ono, 2011 18202 /id}21862109JapanNR | yes | yes | yes | low | low | NR | NR | unclear | HIGH | yes | NR | unclear | low | yes | yes | yes | yes | low |
| Delaney, 2012{Delaney, 2012 18204 /id} 22190063USA 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}22450429USACHARISMA | NR | yes | yes | low | low | NR | NR | UNCLEAR | low | yes | NR | unclear | low | yes | yes | yes | yes | low |
| Fontana 2011 {Fontana, 2011 18211 /id}21692977SwitzerlandADRIE | yes | yes | yes | low | low | NR | NR | UNCLEAR | high | no | NR | high | high | no | yes | yes | yes | low |
| Aleil, 2009{Aleil, 2009 18222 /id}19624462FranceVASP-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}22071359ChinaNR | YES | YES | YES | LOW | LOW | NR | NR | UNCLEAR | LOW | YES | NR | UNCLEAR | LOW | YES | YES | YES | YES | LOW |
| Kreutz, 2012{Kreutz, 2012 18218 /id}22385219USANR | NR | YES | YES | LOW | LOW | NR | NR | UNCLEAR | LOW | NO | NR | HIGH | HIGH | NO | YES | YES | YES | LOW |
| Marcucci, 2012{Marcucci, 2012 18217 /id}22390861ItalyNR | NR | YES | YES | LOW | LOW | NR | NR | UNCLEAR | LOW | NR | NR | UNCLEAR | LOW | YES | YES | YES | YES | LOW |
| Mega, 2011{Mega, 2011 18190 /id}22088980USAELEVATE-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}22785462JapanNR | NR | YES | YES | LOW | LOW | NR | NR | UNCLEAR | LOW | NR | NR | UNCLEAR | LOW | YES | YES | YES | YES | LOW |
| Park, 2012{Park, 2012 18216 /id}22507978KoreaACCEL-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}22377481PortugalNR | NR | YES | YES | LOW | LOW | NR | NR | UNCLEAR | LOW | YES | NR | UNCLEAR | LOW | NO | YES | YES | YES | LOW |
| Parri, 2012{Parri, 2012 18215 /id}22727972ItalyNR | NR | YES | YES | LOW | LOW | NR | YES | LOW | LOW | YES | NR | UNCLEAR | LOW | NO | YES | YES | YES | LOW |
| Yamane, 2012{Yamane, 2012 18229 /id}22472213JapanNR | NR | yes | yes | low | low | NR | NR | unclear  | high | no  | NR | unclear | high  | no | yes | yes | yes | low |
| Hsu, 2011{Hsu, 2011 18235 /id}21144850TaiwanNR | yes | yes | no | low | low | NR | NR | unclear | low | yes | NR | unclear | low | no | yes | yes | no | unclear |
| Kim, 2012 {Kim, 2012 18236 /id}22007612KoreaACCEL-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}22260716AustriaPEGASUS-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}22285300FranceNR | 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}21918510FranceFAST-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}21511218FranceCLOVIS-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}22298798GermanyNR | 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}21884870NREXCELSIOR | 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}21831410GreeceNR | 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}22265638IranNR | 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}21806387HungaryDOSER | 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}22045970KoreaNR | 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}22462746SingaporeNR | 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}22261200Multi-countryPLATO | 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}22735685KoreaCROSS-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}22459907USANR | 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}21778720ChinaNR | 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}22028352FranceONASSIST | 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}21972404FranceAFIJI | 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 FranceCLOVIS-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}22837373KoreaACCEL-DM | no | yes | yes | low | low | NR | NR | unclear | low | yes | NR | unclear | low | no | yes | yes | yes | low |