**T2D-GENES PROPOSAL SUBMISSION FORM**  **May 2013 version**

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| **Proposal #** |  |
| **Proposed by** | Pablo Cingolani & Rob Sladek |
| **T2D-GENES group** (if any) | T2D exomes project |
| **Date submitted** |  |
| **Project participants**  (include at least PIs for sites involved; no need to update members of PI groups) | Pablo Cingolani, Mathieu Blanchette & Rob Sladek |
| **Title of project** | Epistatic GWAS analysis |
| **Data type** (e.g. Project 2 genomes, Project 1 exomes, all exomes) | Project 1 (Exomes) |
| **Phenotypes/clinical data** | Type 2 Diabetes |
| **Will data be used from all available samples or a subset?** | All available samples. |
| **Brief description of project analysis plans or lookup requested** | We developed methods and pipelines to perform large scale epistatic analysis of pair of variants whose epistatic interaction might affect phenotypic (T2D) risk. |
| **How may this analysis overlap primary T2D-GENES consortium projects?** | None |
| **What are your current plans for publication and authorship?** | This is a thesis project. We’d like to submit a paper by mid February (after the main paper is submitted). |
| **Will data (e.g. VCFs) be shared with investigators outside T2D-GENES?** Only aggregate data may be shared directly. Outside investigators must access individual-level data through dbGaP. | No |
| **Will results be distributed to investigators outside T2D-GENES?** | We intend to publish only a list of “top hits” and execution times. |
| **Status of institutional IRB(s)** (approved, pending, not applicable) | - |
| **Additional comments** | - |