Bioinformatics & Systems Biology PhD program
PhD Qualifying Examination Evaluation Form

Student Name: Date of examination:
Thesis Advisor: Thesis Co-advisors (if any):

	D (1.0)	C (2.0)	B (3.0)	A (4.0)
Student **explains** foundations of five areas: 1) Molecular Biology & Molecular Biochemistry, 2) Bioinformatics & High-throughput Data Analysis, 3) Sequence Analysis and Annotation, 4) Systems Biology, and 5) Data Mining for Bioinformatics.	O Poor understanding of most (≥3) areas.	O Adequate understanding of most (≥3) areas.	O Adequate understanding of all five (5) areas.	O Adequate understanding of all five (5) areas with superior depth of understanding of some areas.
Student comprehensively **searches/reviews** and critically **evaluates** literature relevant to the topic.	O Deficient information relevant to topic and little critical evaluation.	O Adequate information relevant to topic.	O Appropriate selection, clear contextual relevance.	O Appropriate selection, clear contextual relevance with critical evaluation.
Student **identifies** research gap(s) with an understanding of the role of bioinformatics and systems biology in it.	O Most or all of key issues are not identified or defined inaccurately	O Identifies some key issues. May have some inaccuracies that interfere with meaning	O Identifies most or all key issues. Some minor inaccuracies may be present, but do not interfere with meaning	O Clearly, accurately, and appropriately identifies key issues

* In order to pass the QE, the student must get **an average score of B (3.0) or higher** from all indicators from all committee.

Final Assessment
O PASS O FAIL

Suggestions & Comments

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Committee