| ID      | 0  | Task Name  | Duration  | Start            | Finish      | Preded | Resource Names | 16<br>M |
|---------|--|--|-----------|------------------|-------------|--------|----------------|---------|
| 1       |  | calntegrator2 1.0  | 126 days? | Wed 3/19/08      | Mon 9/15/08 |        |                | 101     |
| 2       |  | Inception phase  | 23 days?  | Wed 3/19/08      | Fri 4/18/08 |        |                |         |
| 24      | III  | Inception Complete   | 1 day?    | Fri 4/18/08      | Fri 4/18/08 |        |                |         |
| 25      |  | Elaboration Phase  | 103 days? | Mon 4/21/08      | Mon 9/15/08 | 24     |                |         |
| 26      |  | Elaboration - Iteration 1  | 20 days?  | Mon 4/21/08      | Fri 5/16/08 |        |                |         |
| 66      |  | Elaboration - Iteration 2  | 33 days?  | Mon 5/19/08      | Thu 7/3/08  | 65     |                |         |
| 107     |  | Elaboration - Iteration 3  | 50 days?  | Mon 7/7/08       | Mon 9/15/08 | 66     |                |         |
| 108     |  | Project Management   | 28 days   | Mon 7/7/08       | Wed 8/13/08 |        |                |         |
| 109     | III  | Schedule   | 1 day     | Mon 7/7/08       | Mon 7/7/08  |        | SJ             |         |
| 110     | TITE OF THE PERSON OF THE PERS | Risk Management  | 3 days    | Mon 7/7/08       | Wed 7/9/08  |        | SJ             |         |
| 11      | III  |  |           | Thu 8/7/08       | Fri 8/8/08  |        | SJ             |         |
| 12      | III.   | E3 Iteration Plan  | 3 days    | Mon 8/11/08      | Wed 8/13/08 |        | SJ             |         |
| 113     | Requirements   |  |           | Mon 7/7/08       | Thu 9/4/08  |        |                |         |
| 114     | ===  | Wireframes for Perform Analysis                                    | 10 days?  | Mon 7/7/08       | Fri 7/18/08 |        | WF             |         |
| 115     | TITE .   | Requirements for View Images                                       | 10 days?  | Mon 7/14/08      | Fri 7/25/08 |        | WF             |         |
| 116     | TITE .   | Finalize requirements for view images                              | 5 days    | Mon 8/25/08      | Fri 8/29/08 |        | WF             |         |
| 117     | III  | Review Vision Document   | 1 day     | Mon 8/25/08      | Mon 8/25/08 |        | SJ             |         |
| 118     | III  | Draft Storyboard for calntegrator2                                 | 2 days    | Tue 9/2/08       | Wed 9/3/08  |        | SJ             |         |
| 119     | III  | External Review of Use Cases/Vision                                | 1 day?    | Thu 9/4/08       | Thu 9/4/08  |        | SJ             |         |
| 120     |  | Analysis and Design  | 35 days?  | Mon 7/7/08       | Fri 8/22/08 |        |                |         |
| 121     | 111  | Manage Queries-Supporting Class Model                              | 5 days    | Mon 7/7/08       | Fri 7/11/08 |        | ET             |         |
| 122     |  | Use-Case Design:Manage Queries                                     | 3 days    | Tue 7/15/08      | Thu 7/17/08 | 121    | ET             |         |
| 123     | TITE OF THE PERSON OF THE PERS |  |           | Mon 7/7/08       | Wed 7/9/08  |        | MH             |         |
| 124     |  | Model Changes (UoM, Range Search)                                  |           | Mon 7/7/08       | Wed 7/9/08  |        | MH             |         |
| 125     |  | Work with VCDE/Arc Mentor  | 15 days   | Mon 7/7/08       | Fri 7/25/08 |        | MH             |         |
| 126     | III  | Use-Case Design: Perform Analysis                                  |           | Mon 8/18/08      | Fri 8/22/08 | 114    | JP             |         |
| 127     | III  | Final Software Architecture Document                               | 3 days    | Mon 7/28/08      | Wed 7/30/08 |        | JP             |         |
| 128     |  | Implementation   | 46 days   | Mon 7/7/08       | Tue 9/9/08  |        |                |         |
| 129     |  | Implement Deploy Study   | 38 days   | Mon 7/7/08       | Wed 8/27/08 |        |                |         |
| 130     |  | Mapping functionality Genomics, Retrieve Array Data, Feedback from | 5 days    | Mon 7/7/08       | Fri 7/11/08 |        | ET             |         |
| 131     | <b></b>  | Datatype changes   | 3 days    | Thu 7/10/08      | Mon 7/14/08 |        | ET             |         |
|         |  | Task Milestone   |           | External Tasks   |             |        | 1              |         |
| roject: | trWorkben  | ch 1 0   |           |                  |             |        |                |         |
|         | nu 8/7/08  | Split Summary  |           | External Milesto | •           |        |                |         |
|         |  | Progress Project Summary   |           | Deadline         | $\bigcirc$  |        |                |         |

| ID                       | 0        | Task Name  | Duration | Start            | Finish                  | Predec | Resource Names | 16,<br>M |
|--------------------------|----------|--|----------|------------------|-------------------------|--------|----------------|----------|
| 132                      | 111      | NCIA mapping functionality                                       | 7 days   | Thu 8/7/08       | Fri 8/15/08             |        | SR             | 1.01     |
| 133                      | 111      | Genomics mapping functionality (debug)                           | 4 days   | Tue 8/5/08       | Fri 8/8/08              |        | JP             |          |
| 134                      | ***      | Data type drop-down and caDSR changes for data types             | 3 days   | Mon 8/18/08      | Wed 8/20/08             |        | SR             |          |
| 135                      | 111      | Asynchronous Study Deployment                                    | 5 days   | Thu 8/21/08      | Wed 8/27/08             |        | SR             |          |
| 136                      | 111      | UI improvement for Deploy Study                                  | 3 days   | Thu 8/21/08      | Mon 8/25/08             |        | LN             |          |
| 137                      | 111      | Security - Authentication & Authorization                        | 5 days   | Mon 7/7/08       | Fri 7/11/08             |        | TJ             |          |
| 138                      |          | Implement Manage Queries   | 24 days  | Thu 7/24/08      | Tue 8/26/08             |        |                |          |
| 139                      | 111      | Front End  | 15 days  | Tue 8/5/08       | Mon 8/25/08             |        | JP,TJ          |          |
| 140                      |          | General Service Tier (Query Creation & Persistence)              | 10 days  | Wed 8/6/08       | Tue 8/26/08             |        | ML             |          |
| 141                      |          | Query to Hibernate Query translation                             | 12 days  | Thu 7/24/08      | Fri 8/8/08              |        | TJ             |          |
| 142                      | 111      | ArrayDataService search functionality                            | 5 days   | Mon 8/11/08      | Fri 8/15/08             |        | TJ             |          |
| 143                      | 111      | UI look and feel   | 5 days   | Wed 8/13/08      | Tue 8/19/08             |        | LN             |          |
| 144                      |          | Implement Perform Data Analysis: GenePattern integration & KM PI | 10 days  | Tue 8/26/08      | Tue 9/9/08              |        |                |          |
| 145                      | 111      | GenePattern integration  | 5 days   | Tue 8/26/08      | Tue 9/2/08              |        | TJ             |          |
| 146                      | ***      | Analysis job definition  | 5 days   | Tue 8/26/08      | Tue 9/2/08              | 126    | JP             |          |
| 147                      | 111      | Service tier components for general analysis job management      | 5 days   | Wed 8/27/08      | Wed 9/3/08              |        | ML             |          |
| 148                      | ***      | KM Plot Implementation   | 5 days   | Wed 9/3/08       | Tue 9/9/08              |        | TJ             |          |
| 149                      | 111      | Browse Study   | 5 days   | Thu 8/28/08      | Thu 9/4/08              |        | SR             |          |
| 150                      | 111      | View Images  | 5 days   | Wed 9/3/08       | Tue 9/9/08              | 116    | ML             |          |
| 151                      |          | Test   | 24 days  | Mon 8/11/08      | Fri 9/12/08             |        |                |          |
| 152                      | 111      | Performance/load test Manage Queries                             | 5 days   | Tue 8/26/08      | Tue 9/2/08              |        | ET             |          |
| 153                      | 1        | Unit Tests/Functional Tests                                      | 6 days   | Tue 8/26/08      | Wed 9/3/08              |        |                |          |
| 154                      | 111      | QA Team Test   | 24 days  | Mon 8/11/08      | Fri 9/12/08             |        |                |          |
| 155                      |          | Environment  | 1 day?   | Mon 7/28/08      | Mon 7/28/08             |        |                |          |
| 156                      | 111      | Configure nightly build  |          | Mon 7/28/08      | Mon 7/28/08             |        | ET             |          |
| 157                      |          | Configuration and Change Management                              | 3 days   | Thu 8/7/08       | Mon 8/11/08             |        |                |          |
| 158                      | 111      | Complete Feature Request/Tracking                                | 3 days   | Thu 8/7/08       | Mon 8/11/08             |        | SJ             |          |
| 159                      |          | Deployment   | 45 days? | Mon 7/14/08      | Mon 9/15/08             |        |                |          |
| 160                      | 111      | Deploy to DEV tier   | 2 days   | Mon 7/14/08      | Tue 7/15/08             |        | ET             |          |
| 161                      | 111      | Deploy to QA tier  | 1 day?   | Mon 9/15/08      | Mon 9/15/08             | 154    | TBD            |          |
| 162                      | <b></b>  | Elaboration 3 Complete   | 1 day?   | Mon 9/15/08      | Mon 9/15/08             | 154    |                |          |
|                          |          | Task Milestone   |          | External Tasks   |                         |        | ]              |          |
| Project: trWorkbench 1.0 |          | ench 1 0   |          |                  |                         |        | 1              |          |
|                          | u 8/7/08 |  |          | External Milesto | •                       |        |                |          |
|                          |          | Progress Project Summary   |          | Deadline         | $\overline{\mathbb{Q}}$ |        |                |          |















