### 2ai. Domain Expert Response (Short, Technical, Formal, Precise, Step-by-step List)

The automated planning system has produced a robust, multi-agent plan and a set of optimal solutions, detailed as follows:

1. **Plan Agent Task Distribution:** Agent worker2 (Human Worker) executes a sequence of movements from initial location l1 to l4, l7, l9, and finally l6, responsible for all **Harvesting (t1)** and **Grapevine Identification (t3)** task instances along this path. Agent r1 (Robot) is assigned all **Observation (t2)** task instances at locations l5 and l8, moving from l1 to l2, l5, and l8.
2. **Pareto Front Definition:** The Pareto front represents the computed set of non-dominated solutions in the bi-objective optimization space. These solutions define the maximal achievable **Mission Success Probability** for any given **Total Cost**, thereby establishing the boundary of optimal performance trade-offs.
3. **Optimal Solution Specification (Solution ID 1):** The optimal solution with the highest success metric achieves an overall **Probability of Success of 1.0** with a total calculated **Cost of $38.177**. Task retry allocations are strategic: robot Observation tasks, such as t2l8b, are allocated up to **9 maximum retries** to mitigate mechanical risk, contrasting with the **1 retry** allocated to the high-reliability human Harvesting task t1l6b.