Prepared by: Jonathan Keeling Date: 20-Sep-2017

Description: This change request includes an addition of a new variant tier to the variant annotation step and two separate formatting changes to the report generation procedure

HPS-47: Add a "Director Override (DO)" tier to the variant quality control page. Variants that are assigned to this tier will be included in the "Significant Genomic Alterations" section in the report. In addition a new section titled "Other Significant Findings" will be placed after the tier 2 section and before the VUS section and will include all variants in the DO tier.

HPS-49: Remove the "Special Considerations" label from above report level comment. This means the report level comment should now directly follow the header "Interpretation"

Reason for change: The Clinical Directors have requested this new tier as a way to deal with variants that do not fall into Tier 1 or Tier 2 but should still be brought the requesting phyisicans attention

Software Changes: This request requires changes to the report generation code as well as the Variant Annotation and Report Configuration pages

Impact: The expected impact to the codebase of these changes is minor however the risk is high due to the nature of the code that is being modified. PQ scripts will need to be supplemented during validation testing to encompass all possible combinations of report generation.

**Approval**

*Test Scripts have been reviewed and the change has been approved for release to production.*

Business owner/Designee: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_

Quality Assurance Review: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_

Clinical Lab Director/Designee: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_

Dir of Bioinformatics/Designee: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_

**Post Go-live**

Implemented by: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_

Date Changes Implemented: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_