

- (a-d) read mapping and NumtS filtering;
- (e-h) post-mapping processing;
- (i-m) genome assembly, haplogroup prediction and variant annotation.
- (h) In brackets, programs or modules particularly important for the associated process. Solid connectors indicate mandatory pipeline steps; dashed connectors (e–g) indicate that the corresponding postmapping steps can be optional, otherwise the OUT2.sam file directly undergoes the assembly process (h).

