

Table 1

GENOMIC KNOWLEDGE CONTINUUM				
KNOWLEDGE LEVEL	Basic <i>Remembering and understanding/ Recall and reproduction</i>	Intermediate <i>Applying/Skills and concepts</i>	Proficient <i>Analyzing/ Strategic thinking</i>	Applied <i>Evaluating and Creating/ Extended thinking</i>
KNOWLEDGE	At this level the individual has mastery of basic concepts and is able to outline the primary points and/or perform simple procedures if appropriate.	At this level the individual is well versed in the topic and able to explain the ‘how’ and/or ‘why’ and apply that information in to a different case scenario or context. At this level they are able to perform routine bench procedures or commonly used statistical analyses (i.e. regression, multifactorial analysis)	At this level the individual is highly conversant with the topic and able to develop, implement and execute a research protocol involving an omics approach	At this level the individual is completely immersed in the content area and is able to apply complex reasoning, development and application to research projects utilizing one or more omics approaches.
ROLE ON THE PROJECT	Member of the interprofessional research team	Co-investigator or multi Principal Investigator – clinical lead on grants where the omics approach is conducted in another collaborators lab	Principal Investigator with co-investigators with strength in bench science – at this level the individual is conversant with the bench procedures	Principal Investigator – leads and manages their own lab and conducts (or directs the conduct of) all necessary scientific bench methodology and procedures