**Key Expert Stakeholder perceptions of the law of genomics:**

**Identified problems & potential solutions**

# **Supplemental information**

## *LawSeq Semi-structured Interview Guide*

**Introduction**

Hello NAME--Thank you for allowing us to interview you about your opinions about the law surrounding genomics.

Before we begin the interview, which should take about 30 minutes, I want to inform you that this call is being recorded now so I may obtain your consent. I will then ask you if we can continue recording the call. I would like to audio record the interview to accurately capture your responses. The interview recording will be transcribed for analysis purposes and afterwards the audio recording will be deleted and identifying information will be deleted from the interview transcription. Please verbally consent to participating in this study by stating: I consent to participate in this study and agree to the audio recording of the interview, or I consent to participate in this study but do not agree to an audio recording; you may take notes instead. **[if they do not agree to the audio recording, the recording will be turned off]**

I would like to reiterate that this interview is voluntary and you can skip any question you do not want to answer, or end the interview at any time.

Do you have any questions before we begin? If not, let’s begin.

**Questions**

1. What do you think are the most important legal issues facing genomics research and clinical care?

***Probes*** for each of the issues mentioned

* Tell me more about that issue.
* What aspects are most pressing?
* What might be done to address the issues?
* Who should be involved in solving the problems?
* What entities should be involved in overseeing the solutions?
1. Would you describe any differences you see in research vs clinical care?
2. We divided the issues into four areas: liability, quality, privacy and access, and framework. How useful or appropriate do you view this categorization?
* Does thinking about the issues in these areas make you think of any additional things to mention?
1. Could you describe any personal examples of dealing with legal issues related to genomics?

***Ask this question if more elaboration is needed.***

* Given the following examples (present one example at a time), how would you solve the problem?

**Examples include**:

* How should results be returned?
* What should be the potential liability for failure to use or the misuse of genomic data?
* How should the quality of genomic data and interpretation be regulated including VUS’s?
* When should progress in understanding genomic information lead to reanalysis of data and recontact?
1. Is there anything else would you like to share about legal issues surrounding genomics?

**Closure**

Thank you very much for sharing your opinions with me. Our project manager will contact you by email about payment. Your data will be analyzed and combined with information from other experts like yourself and used by our working group to develop recommendations about the law surrounding genomics. Would you like to receive and/or have the opportunity to comment on these recommendations? Our hope is that initial drafts will be shared as they become available later in this 3-year project. Please feel free to contact us any time with questions.