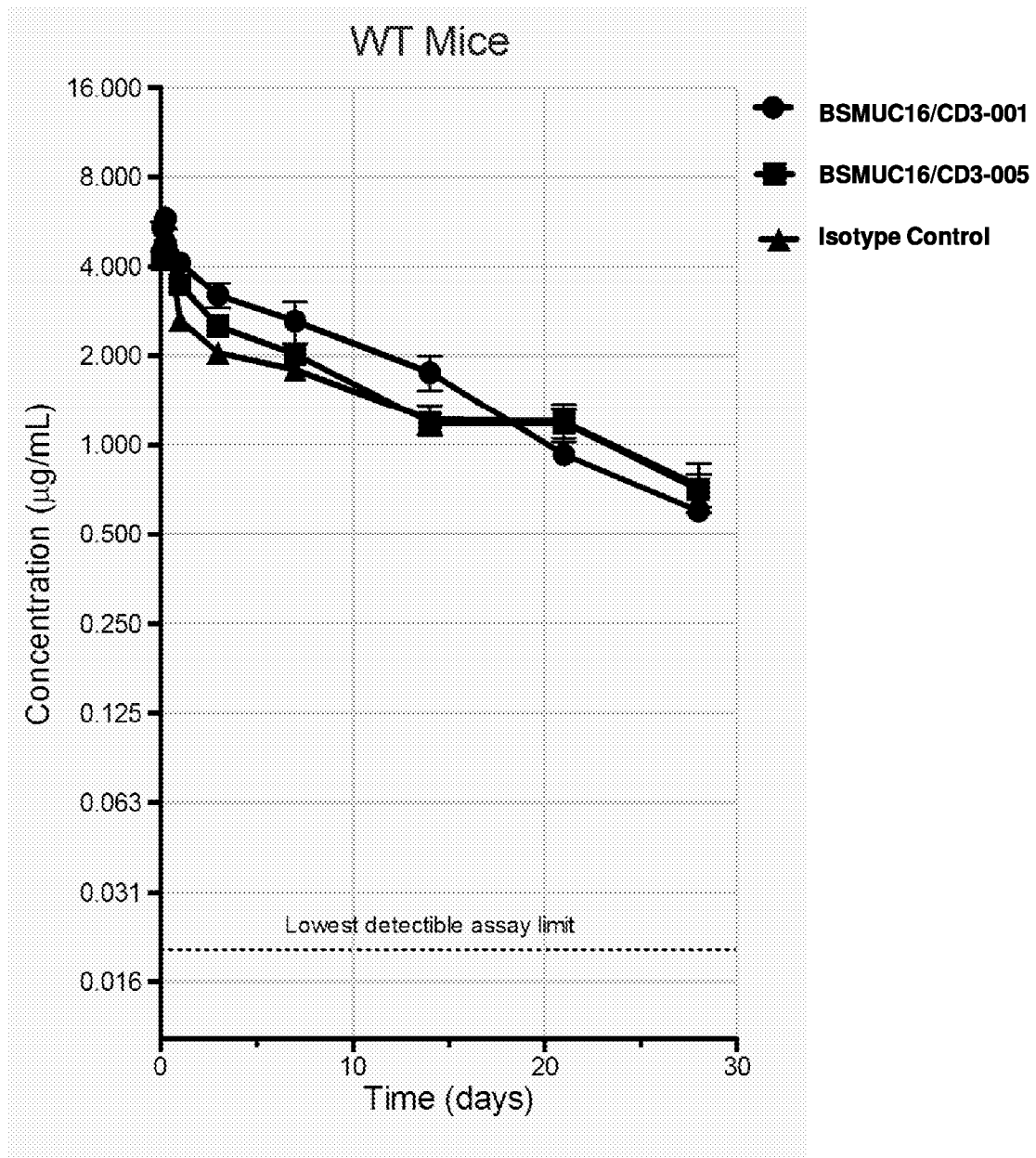


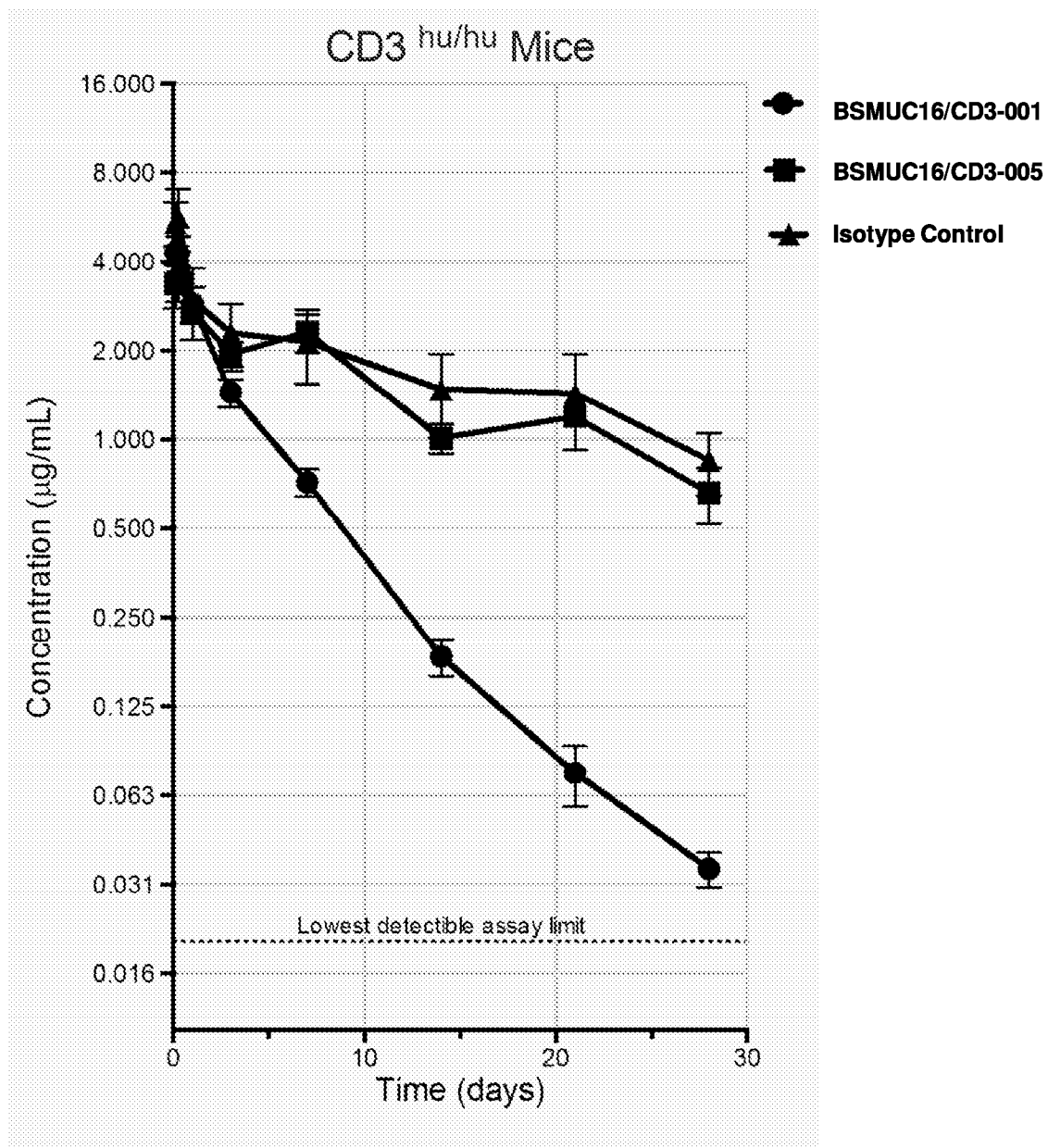
	Framework 1	CDR 1	Framework 2	CDR 2
germline highV	EVQLVESGGGLVQPGKSLRLTSCAASGFTTFDDY	AMHWVRQAPGKGLEWVSGISWNSGSI		
CD3-VH-P	EVQLVESGGGLVQPGKSLRLTSCVASGFTTFDDY	SMHWVRQAPGKGLEWVSGISWNSGSK		
CD3-VH-G	EVQLVESGGGLVQPGKSLRLTSCAASGFTTFDDY	SMHWVRQAPGKGLEWVSGISWNSGSK		
CD3-VH-G2	EVQLVESGGGLVQPGKSLRLTSCAASGFTTFDDY	AMHWVRQAPGKGLEWVSGISWNSGSI		
CD3-VH-G3	EVQLVESGGGLVQPGKSLRLTSCAASGFTTFDDY	SMHWVRQAPGKGLEWVSGISWNSGSI		
CD3-VH-G4	EVQLVESGGGLVQPGKSLRLTSCAASGFTTFDDY	AMHWVRQAPGKGLEWVSGISWNSGSI		
CD3-VH-G5	EVQLVESGGGLVQPGKSLRLTSCAASGFTTFDDY	SMHWVRQAPGKGLEWVSGISWNSGSI		
CD3-VH-G8	EVQLVESGGGLVQPGKSLRLTSCAASGFTTFDDY	SMHWVRQAPGKGLEWVSGISWNSGSI		
CD3-VH-G9	EVQLVESGGGLVQPGKSLRLTSCAASGFTTFDDY	SMHWVRQAPGKGLEWVSGISWNSGSK		
CD3-VH-G10	EVQLVESGGGLVQPGKSLRLTSCAASGFTTFDDY	SMHWVRQAPGKGLEWVSGISWNSGSK		
CD3-VH-G11	EVQLVESGGGLVQPGKSLRLTSCAASGFTTFDDY	SMHWVRQAPGKGLEWVSGISWNSGSI		
CD3-VH-G12	EVQLVESGGGLVQPGKSLRLTSCAASGFTTFDDY	SMHWVRQAPGKGLEWVSGISWNSGSI		
CD3-VH-G13	EVQLVESGGGLVQPGKSLRLTSCAASGFTTFDDY	SMHWVRQAPGKGLEWVSGISWNSGSI		
CD3-VH-G14	EVQLVESGGGLVQPGKSLRLTSCAASGFTTFDDY	SMHWVRQAPGKGLEWVSGISWNSGSI		
CD3-VH-G15	EVQLVESGGGLVQPGKSLRLTSCAASGFTTFDDY	SMHWVRQAPGKGLEWVSGISWNSGSK		
CD3-VH-G16	EVQLVESGGGLVQPGKSLRLTSCAASGFTTFDDY	SMHWVRQAPGKGLEWVSGISWNSGSK		
CD3-VH-G17	EVQLVESGGGLVQPGKSLRLTSCAASGFTTFDDY	SMHWVRQAPGKGLEWVSGISWNSGSI		
CD3-VH-G18	EVQLVESGGGLVQPGKSLRLTSCAASGFTTFDDY	SMHWVRQAPGKGLEWVSGISWNSGSI		
CD3-VH-G19	EVQLVESGGGLVQPGKSLRLTSCAASGFTTFDDY	SMHWVRQAPGKGLEWVSGISWNSGSI		
CD3-VH-G20	EVQLVESGGGLVQPGKSLRLTSCAASGFTTFDDY	SMHWVRQAPGKGLEWVSGISWNSGSI		
CD3-VH-G21	EVQLVESGGGLVQPGKSLRLTSCAASGFTTFDDY	SMHWVRQAPGKGLEWVSGISWNSGSK		

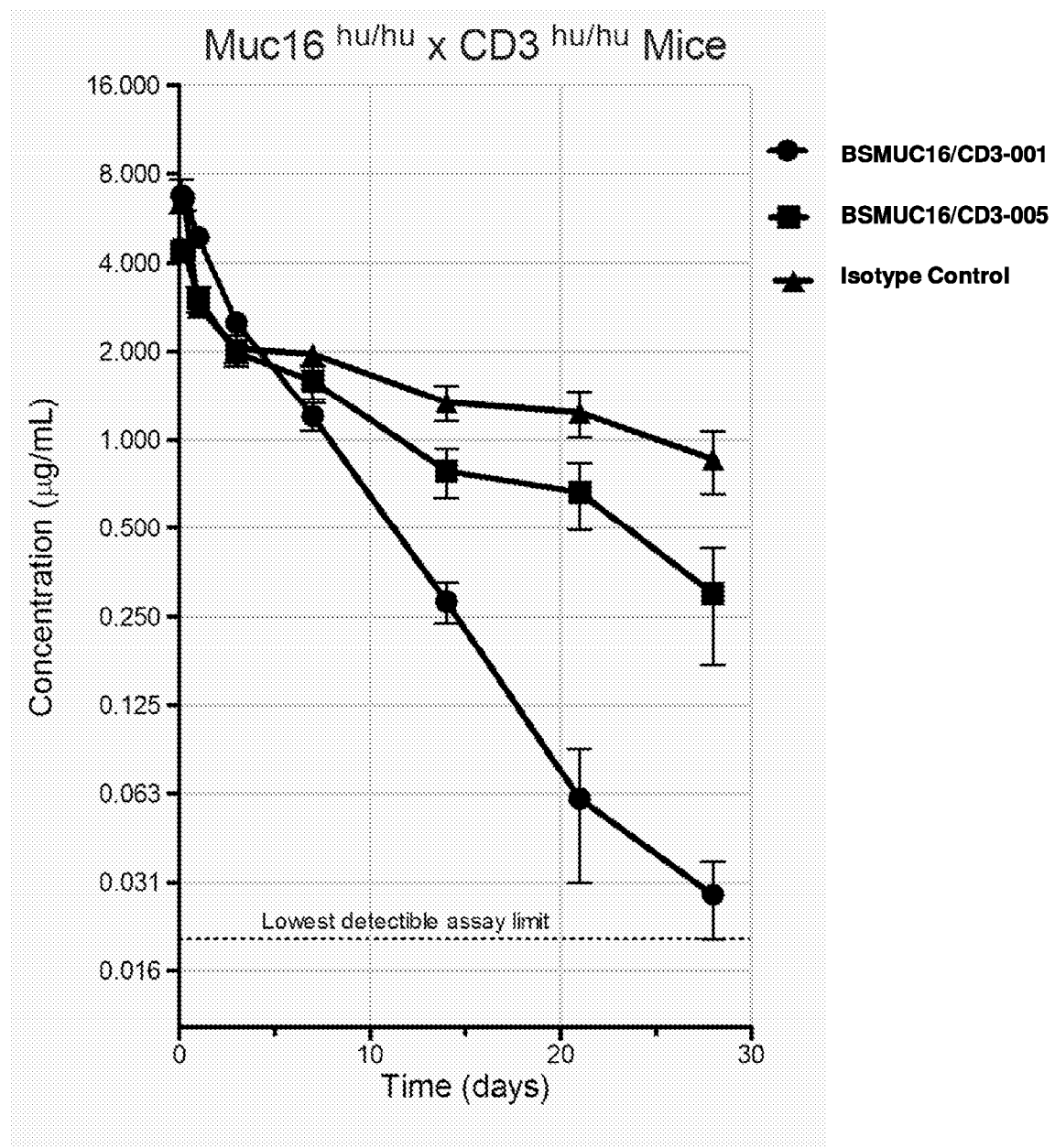
FIG. 1

	Framework 3	CDR 3	Framework 4
germline highV	GYADSVKGRFTISRDNAKNSLYIQMNSLR	AE	DTALYYCAKDG
CD3-VH-P	DYADSVKGRFTISRDNAKNSLYIQMNSLR	AE	DTALYYCAKYG
CD3-VH-G	GYADSVKGRFTISRDNAKNSLYIQMNSLR	AE	DTALYYCAKYG
CD3-VH-G2	GYADSVKGRFTISRDNAKNSLYIQMNSLR	AE	DTALYYCAKDG
CD3-VH-G3	GYADSVKGRFTISRDNAKNSLYIQMNSLR	AE	DTALYYCAKDG
CD3-VH-G4	GYADSVKGRFTISRDNAKNSLYIQMNSLR	AE	DTALYYCAKDG
CD3-VH-G5	GYADSVKGRFTISRDNAKNSLYIQMNSLR	AE	DTALYYCAKDG
CD3-VH-G8	GYADSVKGRFTISRDNAKNSLYIQMNSLR	AE	DTALYYCAKYG
CD3-VH-G9	GYADSVKGRFTISRDNAKNSLYIQMNSLR	AE	DTALYYCAKDG
CD3-VH-G10	GYADSVKGRFTISRDNAKNSLYIQMNSLR	AE	DTALYYCAKYG
CD3-VH-G11	GYADSVKGRFTISRDNAKNSLYIQMNSLR	AE	DTALYYCAKYG
CD3-VH-G12	GYADSVKGRFTISRDNAKNSLYIQMNSLR	AE	DTALYYCAKDG
CD3-VH-G13	GYADSVKGRFTISRDNAKNSLYIQMNSLR	AE	DTALYYCAKYG
CD3-VH-G14	GYADSVKGRFTISRDNAKNSLYIQMNSLR	AE	DTALYYCAKYG
CD3-VH-G15	GYADSVKGRFTISRDNAKNSLYIQMNSLR	AE	DTALYYCAKDG
CD3-VH-G16	GYADSVKGRFTISRDNAKNSLYIQMNSLR	AE	DTALYYCAKDG
CD3-VH-G17	GYADSVKGRFTISRDNAKNSLYIQMNSLR	AE	DTALYYCAKYG
CD3-VH-G18	GYADSVKGRFTISRDNAKNSLYIQMNSLR	AE	DTALYYCAKDG
CD3-VH-G19	GYADSVKGRFTISRDNAKNSLYIQMNSLR	AE	DTALYYCAKDG
CD3-VH-G20	GYADSVKGRFTISRDNAKNSLYIQMNSLR	AE	DTALYYCAKYG
CD3-VH-G21	GYADSVKGRFTISRDNAKNSLYIQMNSLR	AE	DTALYYCAKDG

FIG. 1
(Cont.)

**Figure 2A**

**Figure 2B**

**Figure 2C**