clones

- IGHV1–18*01.IGHD1–26*01.IGHJ1*01.IGHM_IGKV3–11*01.IGKJ3*01.IGKC;IGLV1–40*01.IGLJ1*01.IGLC1
- IGHV1–18*01.IGHD2–15*01.IGHJ4*02.IGHM_IGKV2–18*01.IGKJ4*01.IGKC;IGLV2–14*01.IGLJ1*01.IGLC1
- IGHV1–18*01.IGHD3–10*01.IGHJ4*02.IGHA1_IGLV2–8*01.IGLJ2*01.IGLC2
- IGHV1–18*01.IGHD3–3*01.IGHJ6*02.IGHM_IGKV2–28*01.IGKJ4*01.IGKC;IGLV1–40*01.IGLJ1*01.IGLC1
- IGHV1–46*01.IGHD1–1*01.IGHJ4*02.IGHM_IGLV1–47*01.IGLJ2*01.IGLC3_IGLC7
- IGHV1–69*02.IGHD2–15*01.IGHJ3*02.IGHM_IGKV1–5*03.IGKJ2*01.IGKC
- IGHV1–69*02.IGHD3–10*01.IGHJ4*02.IGHM_IGKV1–33*01.IGKJ2*01.IGKC;IGLV1–36*01.IGLJ3*02.IGLC3_IGLC7
- IGHV2–26*01.IGHD3–3*01.IGHJ6*02.IGHM_IGKV2–28*01.IGKJ2*01.IGKC
- IGHV3–21*01.IGHD2–15*01.IGHJ4*02.IGHM_IGKV3–15*01.IGKJ4*01.IGKC;IGLV1–36*01.IGLJ2*01.IGLC2
- IGHV4–34*01.IGHD3–10*01.IGHJ5*02.IGHA1_NA
- NA_IGKV1–17*01.IGKJ4*01.IGKC
- NA_IGLV3–19*01.IGLJ1*01.IGLC1
- IGHV1–18*01.IGHD3–10*01.IGHJ4*02.IGHM_IGKV3–11*01.IGKJ4*01.IGKC;IGLV2–11*01.IGLJ2*01.IGLC2
- IGHV1–69*04.IGHD2/OR15–2a*01.IGHJ4*02.IGHA1_IGLV1–36*01.IGLJ2*01.IGLC2
- IGHV2–5*01.IGHD6–13*01.IGHJ4*02.IGHM_IGLV1–51*01.IGLJ2*01.IGLC2
- IGHV2–5*01.IGHD6–13*01.IGHJ5*02.IGHM_IGKV1–39*01.IGKJ1*01.IGKC;IGLV3–1*01.IGLJ2*01.IGLC2
- IGHV3–11*05.IGHD4–17*01.IGHJ4*02.IGHA1_IGKV1–39*01.IGKJ2*01.IGKC;IGLV3–19*01.IGLJ1*01.IGLC1
- IGHV3–15*01.IGHD1–26*01.IGHJ4*02.IGHM_IGLV7–43*01.IGLJ2*01.IGLC3_IGLC7
- IGHV3–23*01.IGHD5–12*01.IGHJ4*02.IGHM_IGLV3–1*01.IGLJ2*01.IGLC2
- IGHV5–51*01.IGHD3–16*01.IGHJ6*02.IGHM_NA

Proportion

clones

- IGHV4–34*01.IGHD3–10*01.IGHJ5*02.IGHA1_NA
- NA_IGLV1–36*01.IGLJ3*02.IGLC2
- NA_IGLV3–9*01.IGLJ2*01.IGLC2
- IGHV1–2*04.IGHD3–22*01.IGHJ4*02.IGHA1_IGLV3–9*01.IGLJ2*01.IGLC2
- IGHV1–46*01.IGHD2–15*01.IGHJ4*02.IGHM_IGKV2–30*01.IGKJ4*01.IGKC;IGLV2–11*01.IGLJ2*01.IGLC2
- IGHV1–69*02.IGHD3–10*01.IGHJ4*02.IGHA1_IGKV3–20*01.IGKJ4*01.IGKC;IGLV2–8*01.IGLJ2*01.IGLC2
- IGHV1–69*08.IGHD3–3*01.IGHJ4*02.IGHA1_IGLV2–14*01.IGLJ3*02.IGLC3_IGLC7
- IGHV2–70*01.IGHD6–6*01.IGHJ4*02.IGHM_IGLV3–16*01.IGLJ3*02.IGLC3_IGLC7
- IGHV3–11*06.IGHD1–1*01.IGHJ6*02.IGHA1_IGKV3–20*01.IGKJ4*01.IGKC;IGLV6–57*01.IGLJ3*02.IGLC2
- IGHV4–61*07.IGHD6–6*01.IGHJ6*02.IGHM_NA

SampleTag03_hs

clones

- NA_IGKV1−5*03.IGKJ1*01.IGKC
- NA_IGLV2−14*01.IGLJ2*01.IGLC2
- NA_IGLV3−19*01.IGLJ2*01.IGLC2
- IGHV1−2*02.IGHD3−22*01.IGHJ4*02.IGHA1_IGKV3−20*01.IGKJ1*01.IGKC;IGLV3−9*01.IGLJ2*01.IGLC2
- IGHV1−69*02.IGHD2−2*01.IGHJ6*02.IGHD_IGKV2−29*01.IGKJ2*01.IGKC;IGLV2−14*01.IGLJ1*01.IGLC1
- IGHV1−8*01.IGHD5−24*01.IGHJ4*02.IGHM_IGKV2−28*01.IGKJ4*01.IGKC;IGLV2−11*01.IGLJ1*01.IGLC1
- IGHV3−23*01.IGHD2−2*01.IGHJ6*02.IGHM_IGKV3−20*01.IGKJ3*01.IGKC;IGLV1−51*01.IGLJ3*02.IGLC3_IGLC7
- IGHV3−30*01.IGHD6−19*01.IGHJ4*02.IGHM_NA
- IGHV3−30*02.IGHD2−2*01.IGHJ4*02.IGHM_IGKV3−20*01.IGKJ1*01.IGKC;IGLV2−14*01.IGLJ1*01.IGLC1
- IGHV3−30*02.IGHD2−2*01.IGHJ4*02.IGHM_IGKV3D−20*01.IGKJ3*01.IGKC;IGLV3−21*02.IGLJ1*01.IGLC1
- IGHV3−30*02.IGHD3−10*01.IGHJ3*02.IGHM_IGKV3−20*01.IGKJ5*01.IGKC;IGLV3−19*01.IGLJ1*01.IGLC1
- IGHV4−39*07.IGHD3−3*01.IGHJ3*02.IGHG1_IGKV4−1*01.IGKJ3*01.IGKC;IGLV2−8*01.IGLJ1*01.IGLC1
- NA_IGLV3−25*03.IGLJ3*02.IGLC2
- IGHV1−2*02.IGHD2−15*01.IGHJ4*02.IGHM_IGKV1−39*01.IGKJ3*01.IGKC;IGLV2−11*01.IGLJ2*01.IGLC2
- IGHV1−2*02.IGHD3−10*01.IGHJ3*02.IGHM_NA
- IGHV1−3*01.IGHD3−9*01.IGHJ4*02.IGHA1_NA
- IGHV1−46*01.IGHD6−19*01.IGHJ5*02.IGHG1_IGKV3−15*01.IGKJ1*01.IGKC;IGLV3−1*01.IGLJ2*01.IGLC2
- IGHV2−26*01.IGHD3−3*01.IGHJ5*02.IGHD_IGKV1−39*01.IGKJ1*01.IGKC
- IGHV3−11*01.IGHD3−3*01.IGHJ4*02.IGHA1_IGLV2−14*01.IGLJ3*02.IGLC2
- IGHV4−34*01.IGHD2−2*01.IGHJ4*02.IGHM_IGKV1−16*01.IGKJ1*01.IGKC

clones
- NA_IGKV1–5*03.IGKJ1*01.IGKC
- NA_IGKV3–11*01.IGKJ4*01.IGKC
- NA_IGKV3–20*01.IGKJ4*01.IGKC
- NA_IGLV3–19*01.IGLJ1*01.IGLC1
- NA_IGKV3–20*01.IGKJ5*01.IGKC
- NA_IGLV2–14*01.IGLJ2*01.IGLC2
- NA_IGKV1–39*01.IGKJ3*01.IGKC
- IGHV1–46*01.IGHD3–16*01.IGHJ4*02.IGHA1_IGKV1–5*03.IGKJ1*01.IGKC;IGLV3–19*01.IGLJ1*01.IGLC1
- IGHV1–69*01.IGHD3–16*01.IGHJ4*02.IGHM_IGKV1–33*01.IGKJ3*01.IGKC;IGLV3–21*02.IGLJ2*01.IGLC2
- IGHV4–34*01.IGHD1–26*01.IGHJ3*02.IGHM_IGKV2–24*02.IGKJ2*01.IGKC
- IGHV5–10–1*01.IGHD1–14*01.IGHJ6*02.IGHM_IGKV2–28*01.IGKJ5*01.IGKC
- NA_IGLV3–25*03.IGLJ2*01.IGLC2
- IGHV1–2*04.IGHD6–13*01.IGHJ4*02.IGHG2_IGKV3–20*01.IGKJ3*01.IGKC
- IGHV1–3*01.IGHD3–22*01.IGHJ5*02.IGHM_IGKV4–1*01.IGKJ2*01.IGKC
- IGHV1–46*01.IGHD1–26*01.IGHJ3*02.IGHM_IGKV3–15*01.IGKJ5*01.IGKC
- IGHV1–46*01.IGHD6–19*01.IGHJ4*02.IGHM_IGKV1–17*01.IGKJ1*01.IGKC
- IGHV4–34*01.IGHD6–13*01.IGHJ4*02.IGHM_IGKV2–28*01.IGKJ5*01.IGKC;IGLV2–23*02.IGLJ2*01.IGLC2
- IGHV5–51*01.IGHD2–2*01.IGHJ6*02.IGHA2_IGKV3–15*01.IGKJ1*01.IGKC;IGLV4–69*01.IGLJ1*01.IGLC1