

Table S2: Basic sequencing statistics of NK samples

Sample	Total sequences aligned with genome	Sequences randomly selected from total	Of the 16 M Sequences aligned with MSCC tags
Normal NK-1	20,785,135	16,000,000	10,046,778
Normal NK-2	20,785,135	16,000,000	10,045,209
Normal NK-3	20,785,135	16,000,000	10,048,175
Case-1	16,811,889	16,000,000	10,153,638
Case-2	16,237,707	16,000,000	10,637,424
Case-3	28,343,486	16,000,000	9,695,201
Case-4	25,943,305	16,000,000	10,586,580
Case-5	25,285,865	16,000,000	10,224,865
Case-6	27,181,243	16,000,000	10,670,754
Case-7	22,588,715	16,000,000	10,419,002
Case-8	24,897,587	16,000,000	10,183,300
Case-9	27,920,918	16,000,000	10,416,247
Case-10	20,741,523	16,000,000	8,797,670
Case-11	16,327,104	16,000,000	9,802,306
Case-12	32,326,246	16,000,000	9,770,669
KHYG1	26,345,811	16,000,000	11,387,656
NK92	27,448,510	16,000,000	11,422,058

Normal NK: 48h IL2 activated human peripheral blood NK cells.