**#Note Need to be converted into a dataframe**

Sample ID Barcode Sequence

C01 AGTCTGTCTG

C02 ATACACACGA

C03 ATACGCGTGC

C04 ATACTAGCAC

C05 ATAGAGCTAG

C06 ATATAGAGTA

C07 ATCGCTCACG

C08 ATCGTCAGTC

C09 ATCTCTCGTA

C10 ATCTGAGACG

C11 ATGCTACGTC

C12 ATGTGACTAC

C13 CACGAGACAG

C14 CACGCGAGTC

C15 CACGCTACGA

C16 CACGTGTATA

C17 CACTACGATG

C18 CACTATACTC

C19 CAGCGTACTG

C20 CAGTCTCTAG

C21 CATAGTCGCG

C22 CGAGACACTA

C23 CGAGAGTGTG

C24 CGAGTCATCG

C25 CGATCGTATA

C26 CGCAGTACGC

C27 CGCGATCGTA

C28 CGCGCTATAC

C29 CGTACAGATA

C30 CGTAGCTCTC

M01 AGTCGTACAC

M02 AGTGTAGTAG

M03 ATAGTATACG

M04 CAGTACGTAC

M05 CGACGACGCG

M06 CGACGAGTAC

M07 CGATACTACG

M08 CGTACGTCGA

M09 CTACTCGTAG

M10 GTACAGTACG

M11 GTCGTACGTA

M12 GTGTACGACG

M13 ACACAGTGAG

M14 ACACTCATAC

M15 ACAGACAGCG

M16 ACAGACTATA

M17 ACAGAGACTC

M18 ACAGCTCGTG

M19 ACAGTGTCGA

M20 ACGAGCGCGC

M21 ACGATGAGTG

M22 ACGCGAGAGA

M23 ACGCTCTCTC

M24 ACGTCGCTGA

M25 ACGTCTAGCA

M26 ACTAGTGATA

M27 ACTCACACTG

M28 ACTCACTAGC

M29 ACTCTATATA

R01 ACTGATCTCG

R02 ACTGCTGTAC

R03 ACTGTAGCGC

R04 AGACACTCAC

R05 AGACATATAG

R06 AGACGTGATC

R07 AGAGTACAGA

R08 AGAGTATCTC

R09 AGATACGCTG

R10 AGATCTAGTC

R11 AGCAGCGTAG

R12 AGCGCACGAG

R13 AGCGTGTGCG

R14 AGCTAGATAC

R15 AGCTGTCGAC

R16 AGTATGCACG

R17 AGTCGCGCTA

**Forward primer** TTACCGCGGCTGCTGGCAC

**Reverse primer** AGAGTTTGATCCTGGCTCAG

**C stands for Healthy Controls**

**M stands for Active MDD Patients**

**R stands for Responded MDD patients**