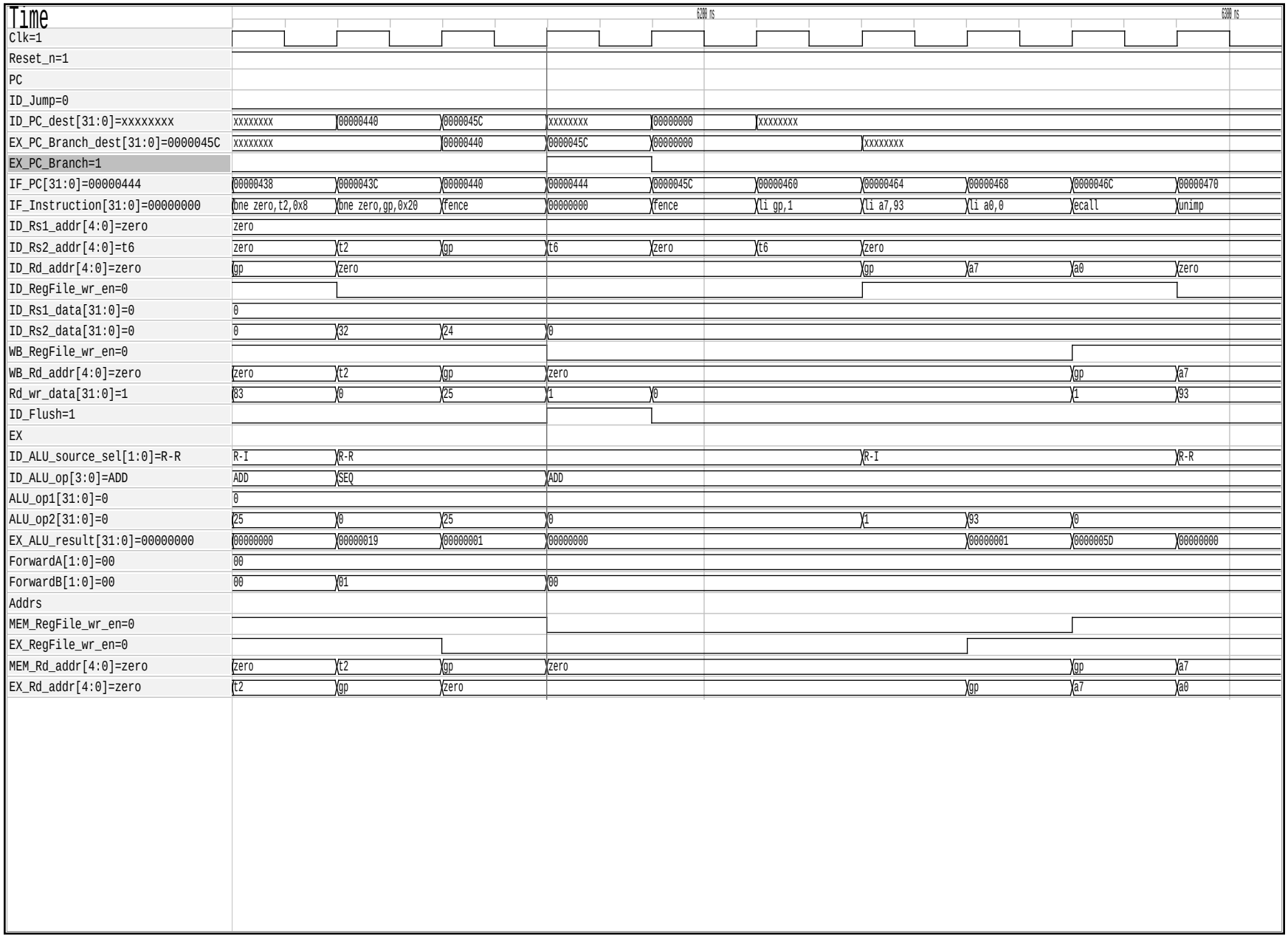
Time
Clk=1
Reset_n=1
PC
ID_Jump=0
ID_PC_dest[31:0]=xxxxxxxx
EX_PC_Branch_dest[31:0]=0000045C
EX_PC_Branch=1
IF_PC[31:0]=00000444
IF_Instruction[31:0]=00000000
ID_Rs1_addr[4:0]=zero
ID_Rs2_addr[4:0]=t6
ID_Rd_addr[4:0]=zero
ID_RegFile_wr_en=0
ID_Rs1_data[31:0]=0
ID_Rs2_data[31:0]=0
WB_RegFile_wr_en=0
WB_Rd_addr[4:0]=zero
Rd_wr_data[31:0]=1
ID_Flush=1
EX
ID_ALU_source_sel[1:0]=R-R
ID_ALU_op[3:0]=ADD
ALU_op1[31:0]=0
ALU_op2[31:0]=0
EX_ALU_result[31:0]=00000000
ForwardA[1:0]=00
ForwardB[1:0]=00
Addrs
MEM_RegFile_wr_en=0
EX_RegFile_wr_en=0
MEM_Rd_addr[4:0]=zero
EX_Rd_addr[4:0]=zero