```
doloop
0x2c0: mov %edi,0xfffffffffffffff0(%rsp)
0x2c4: movd 0xfffffffffffffff0(%rsp),%xmm7
0x2ca: mov $0x1,%esi
0x2cf: pcmpeqd %xmm0,%xmm0
0x2d4: movdqa 0x143(%rip),%xmm3
0x2dd: mov 0x200d14(%rip),%rax
0x2e4: movdqa 0x143(%rip),%xmm2
0x2ed: pshufd %xmm7,$0x0,%xmm7
0x2f2: movdqa 0x115(%rip),%xmm4
0x2fb: movdqa %xmm7,%xmm1
0x300: lea 0x1000(%rax),%rcx
0x307: lea 0x401000(%rax),%r8
0x30e: psrlq $0x20,%xmm1 1, 0
```

```
doloop
0x314: mov %esi,0xfffffffffffffff4(%rsp)
0x318: movd 0xfffffffffffffff4(%rsp),%xmm4
0x31e: lea 0xfffffffffffffffe(%rsi),%edx
0x321: movdqa %xmm4,%xmm2
0x326: mov %edx,0xfffffffffffffff0(%rsp)
0x32a: lea 0xfffff000(%rcx),%rdx
0x331: pshufd %xmm4,$0x0,%xmm3
0x336: movd 0xfffffffffffffff0(%rsp),%xmm4
0x33c: movdqa %xmm3,%xmm6
0x340: pshufd %xmm4,$0x0,%xmm4
0x345: psrlq $0x20,%xmm6
0x34a: movdqa %xmm4,%xmm5
0x34e: psrlq $0x20,%xmm5
0x353: nop 0x0(%rax,%rax,1) 1, 0
```

```
doloop
0x358: movdqa %xmm2,%xmm1
0x35c: movdqa %xmm7,%xmm0
0x360: add $0x10,%rdx
0x364: psrlq $0x20,%xmm1
0x369: pmuludq %xmm2,%xmm0
0x36d: paddd %xmm3,%xmm2
0x372: pmuludq %xmm1,%xmm1
0x377: pshufd %xmm0,$0x8,%xmm0
0x37c: pshufd %xmm1,$0x8,%xmm1
0x381: punpcklqd %xmm1,%xmm0
0x385: movdqa %xmm3,%xmm1
0x389: movdqa %xmm0,%xmm5
0x38e: paddd %xmm0,%xmm0
0x393: paddd %xmm2,%xmm5
0x398: movdqa %xmm5,%xmm6
0x39d: pmuludq %xmm5,%xmm1
0x3a2: paddd %xmm3,%xmm5
0x3a7: psrlq $0x20,%xmm6
0x3ad: pmuludq %xmm6,%xmm6
0x3b2: pshufd %xmm1,$0x8,%xmm1
0x3b7: pshufd %xmm6,$0x8,%xmm6
0x3bd: punpcklqd %xmm6,%xmm1
0x3c2: paddd %xmm5,%xmm1
0x3c7: movdqa %xmm0,%xmm5
0x3cc: psrlq $0x20,%xmm0
0x3d1: pmuludq %xmm4,%xmm5
0x3d6: pmuludq %xmm5,%xmm0
0x3da: pshufd %xmm5,$0x8,%xmm5
0x3e0: pshufd %xmm0,$0x8,%xmm0
0x3e5: punpcklqd %xmm0,%xmm5
0x3ea: paddd %xmm5,%xmm1
0x3ef: movaps %xmm1,0xfffffffffffffff0(%rdx)
0x3f3: cmp %rdx,%rcx
0x3f6: jnz 0xffffff62(%rip) 1, 0
```

```
doloop
0x3fc: add $0x1000,%rcx
0x403: add %edi,%esi
0x405: cmp %r8,%rcx
0x408: jnz 0xfffffff0c(%rip) 1, 0
```

```
doloop
0x40e: ret near (%rsp) 1, 0
```