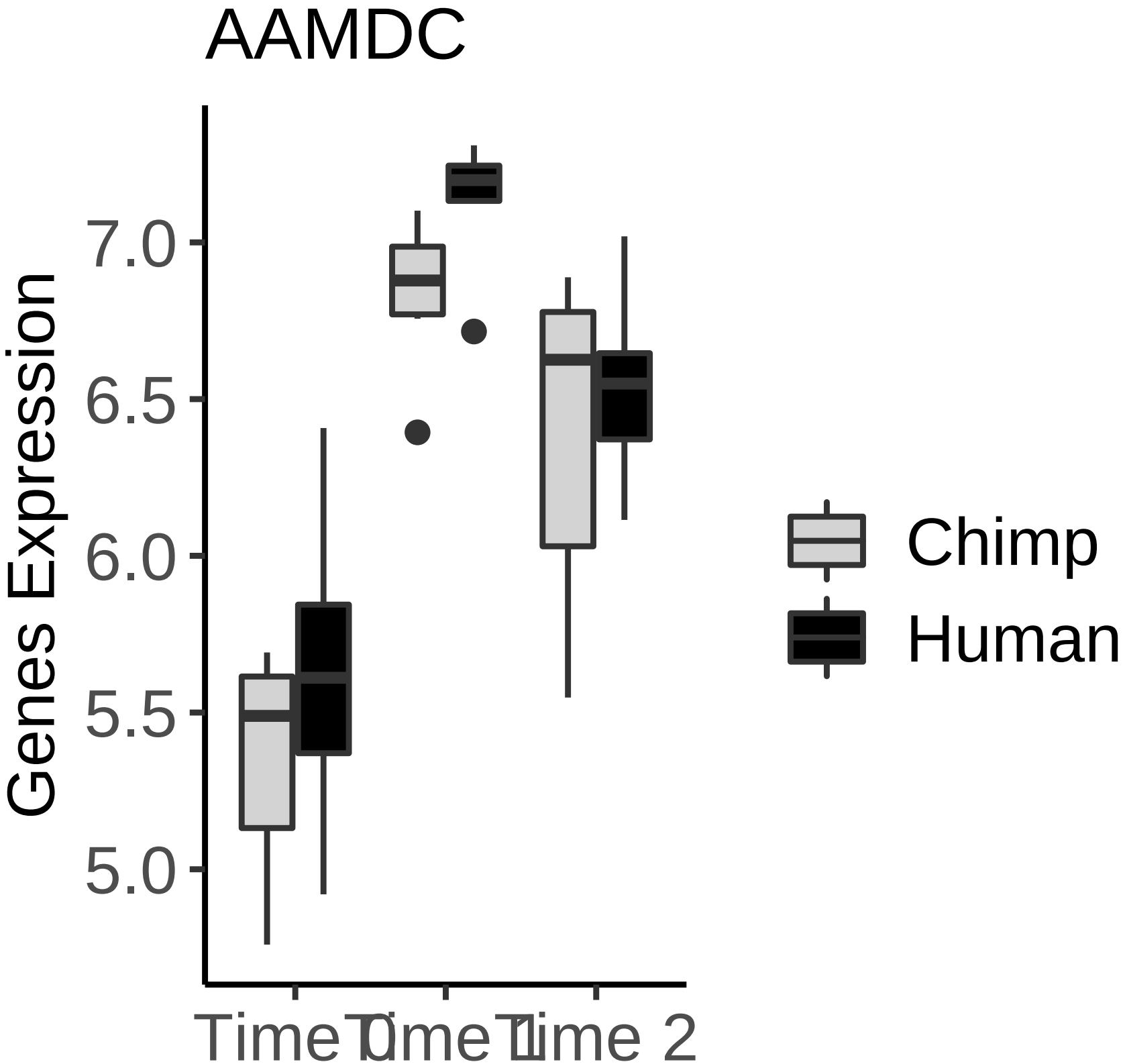
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Time 1
Time 2
Chimp
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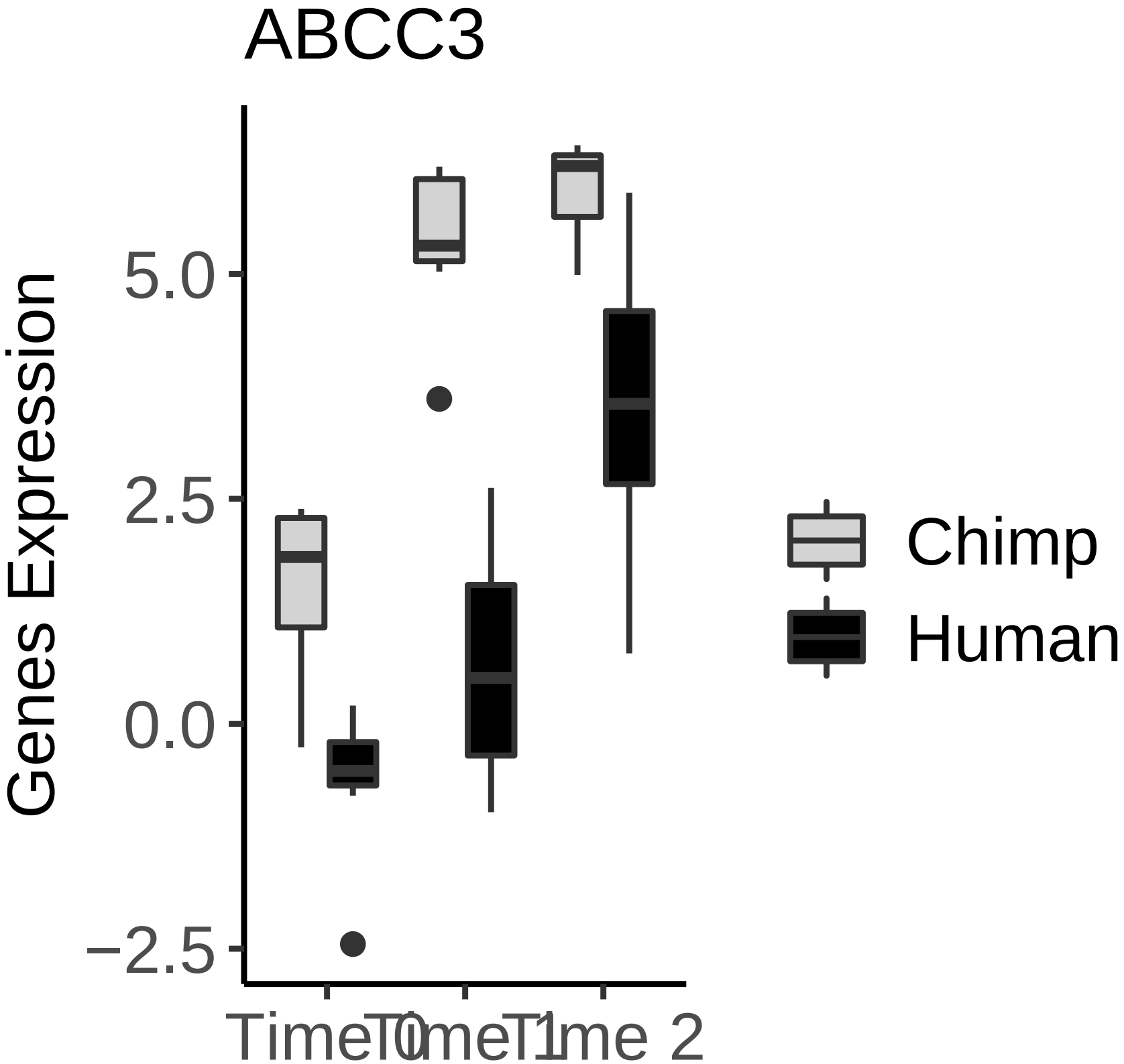
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Time 1
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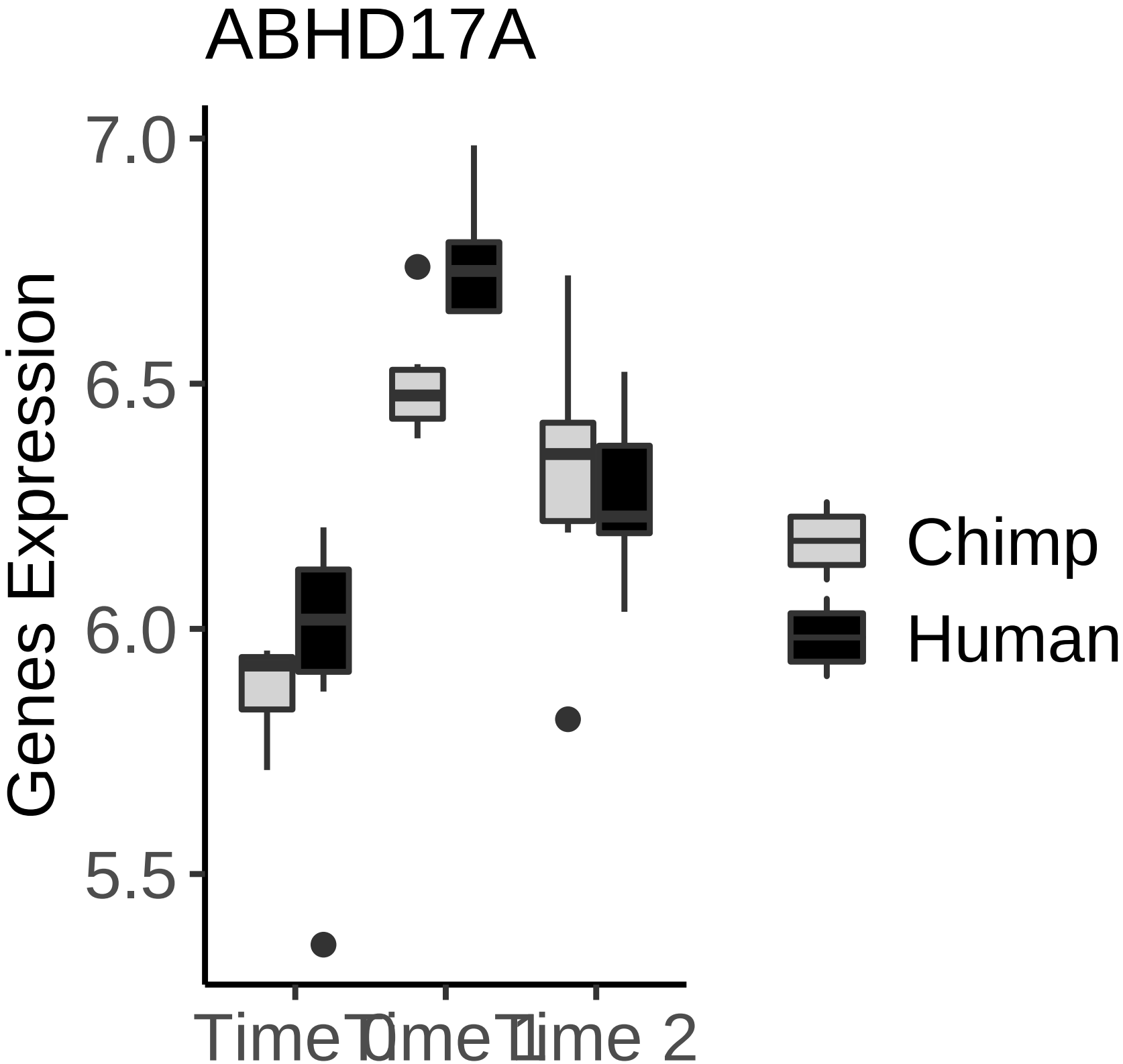
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Time 1
Time 2
Chimp
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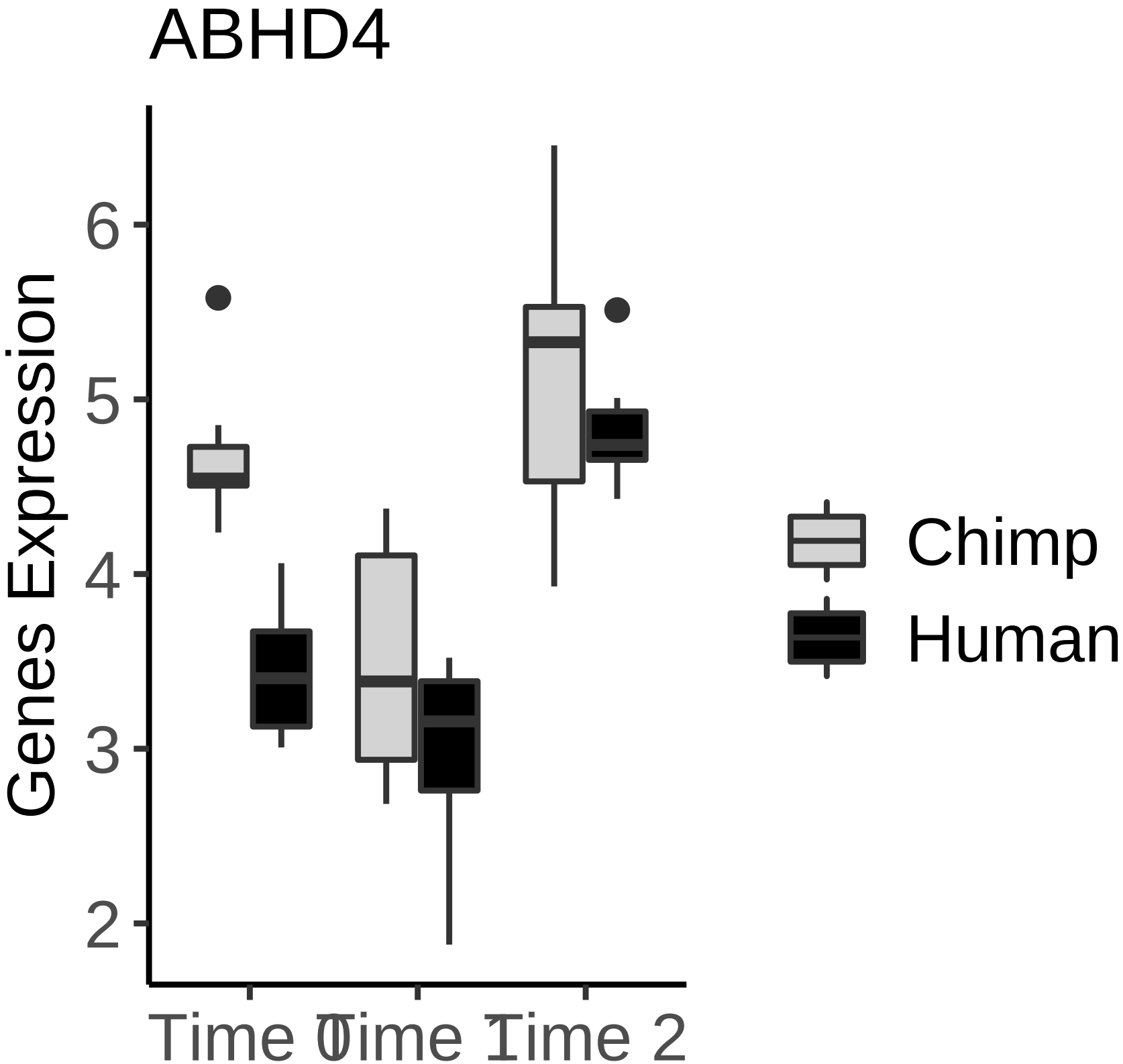
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4
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2
Time 0
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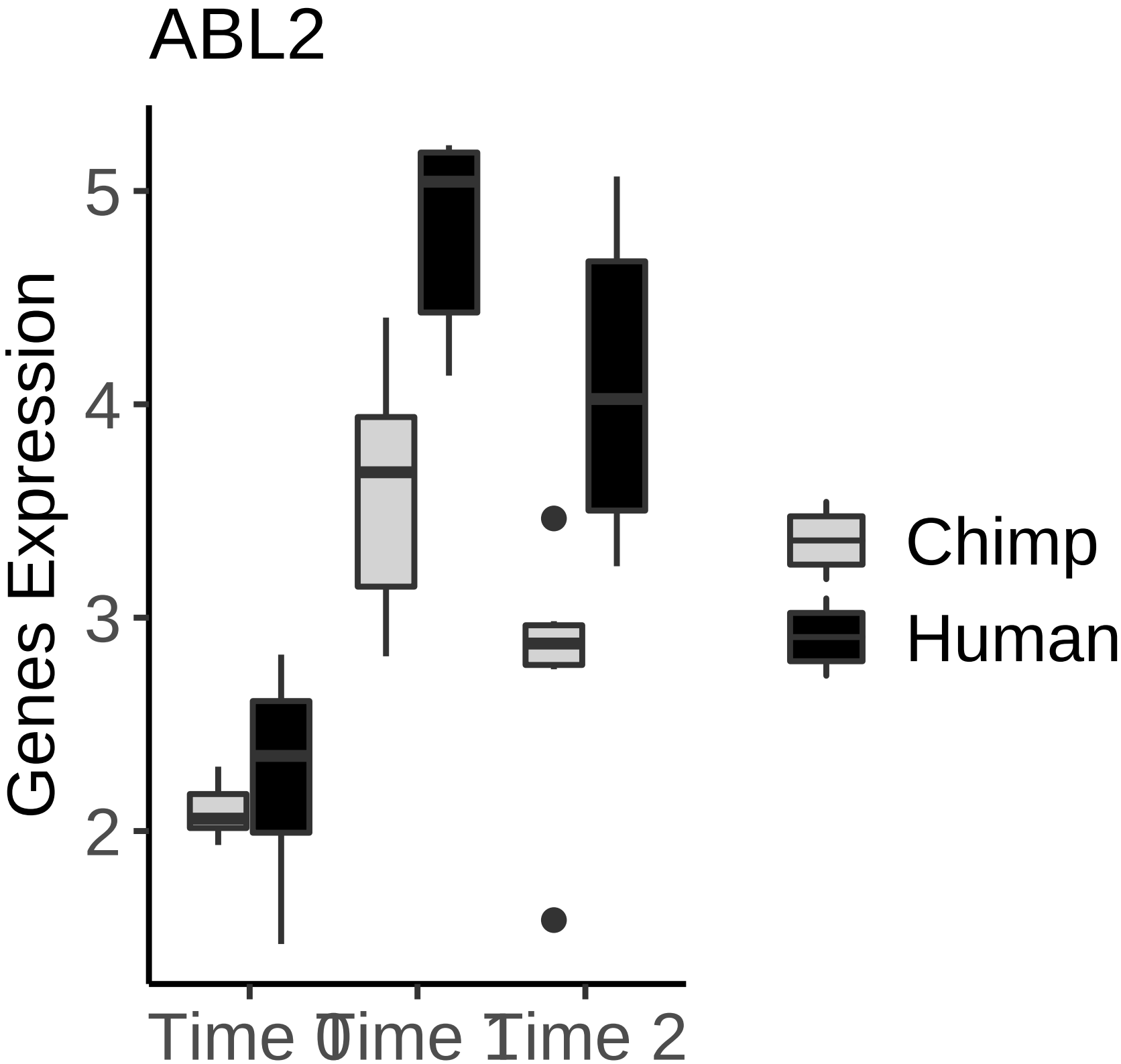
Time 2
Chimp
Human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Time 2
Chimp
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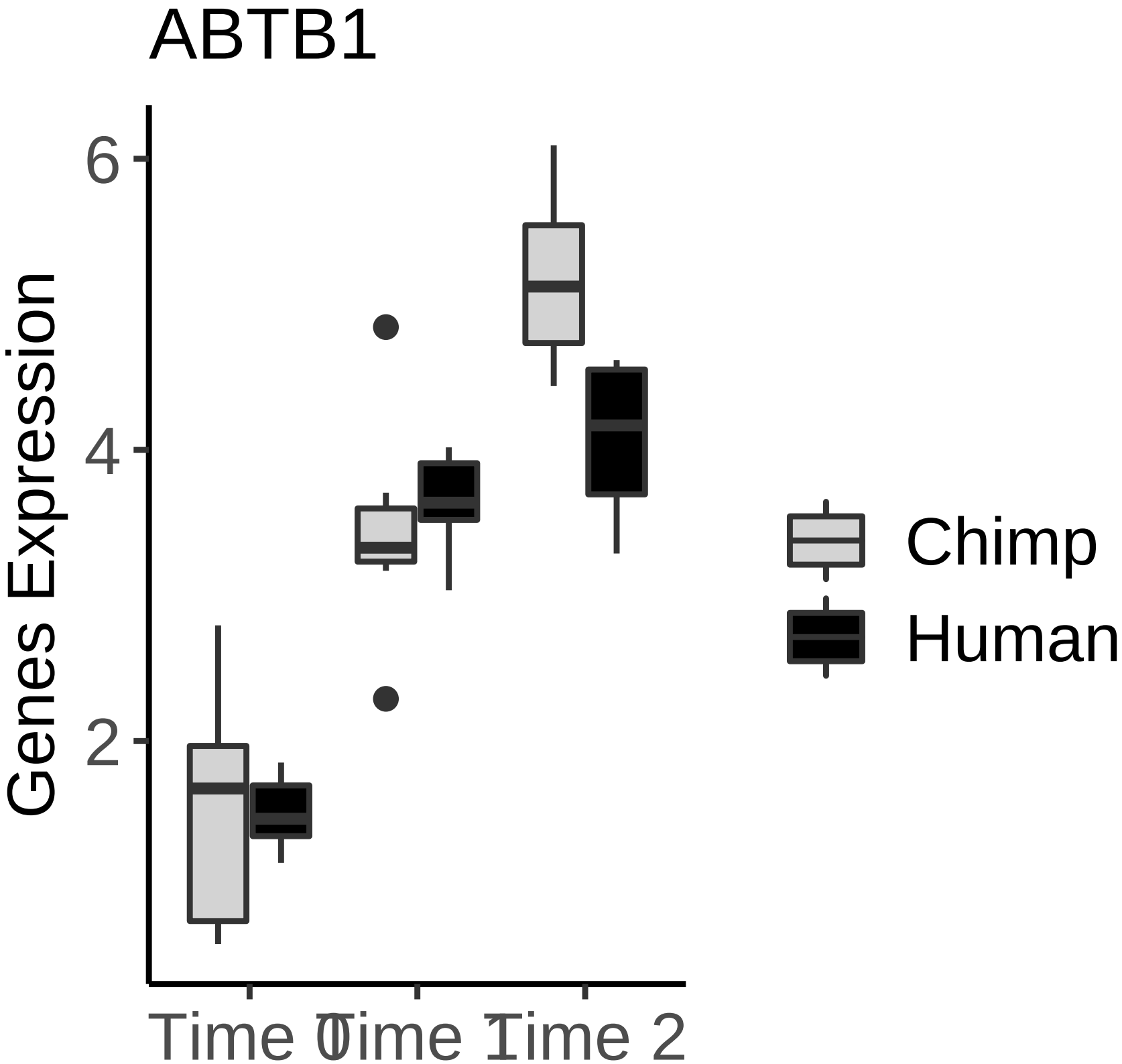
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Time 1
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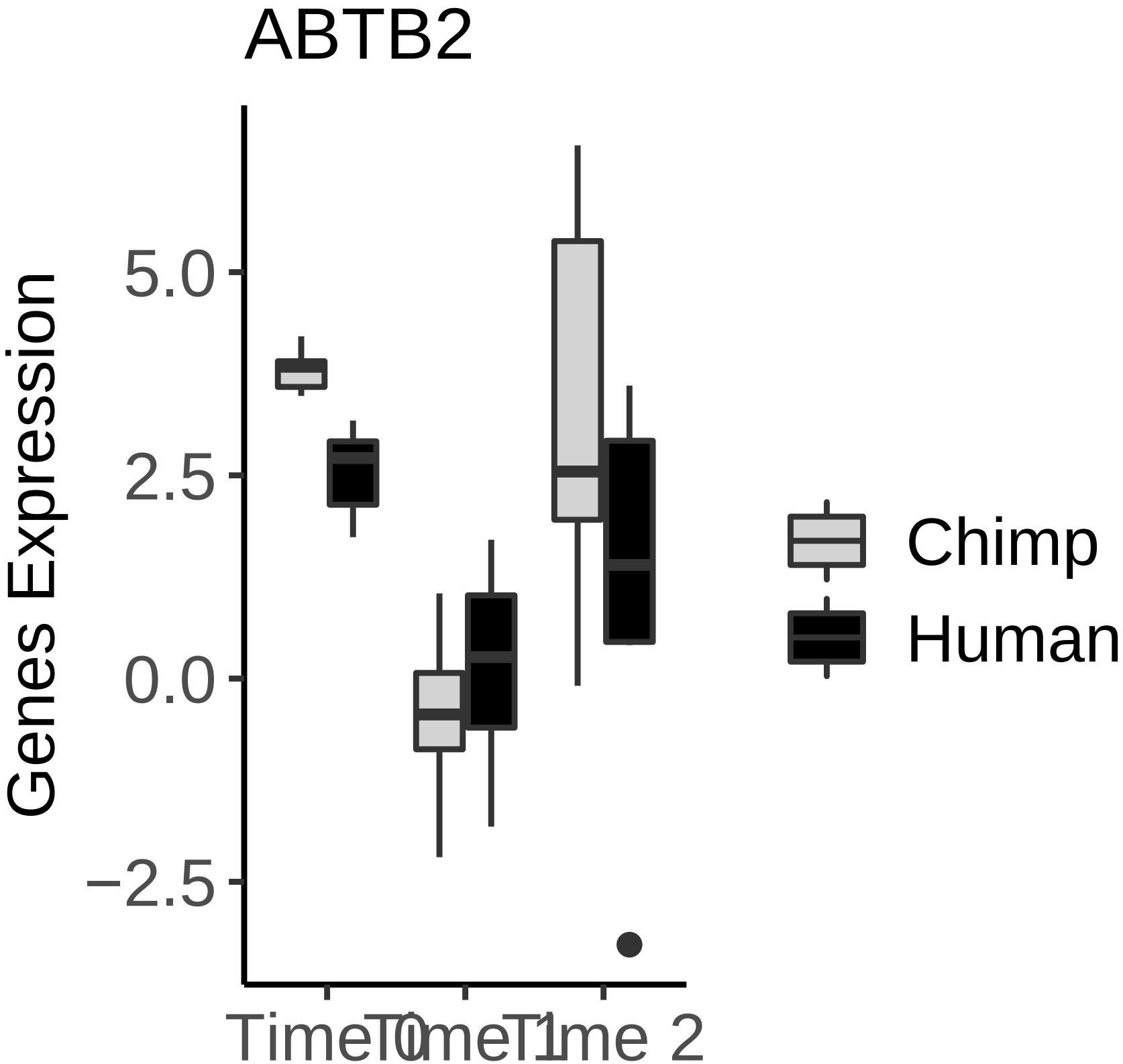
Human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Time 1
Time 2
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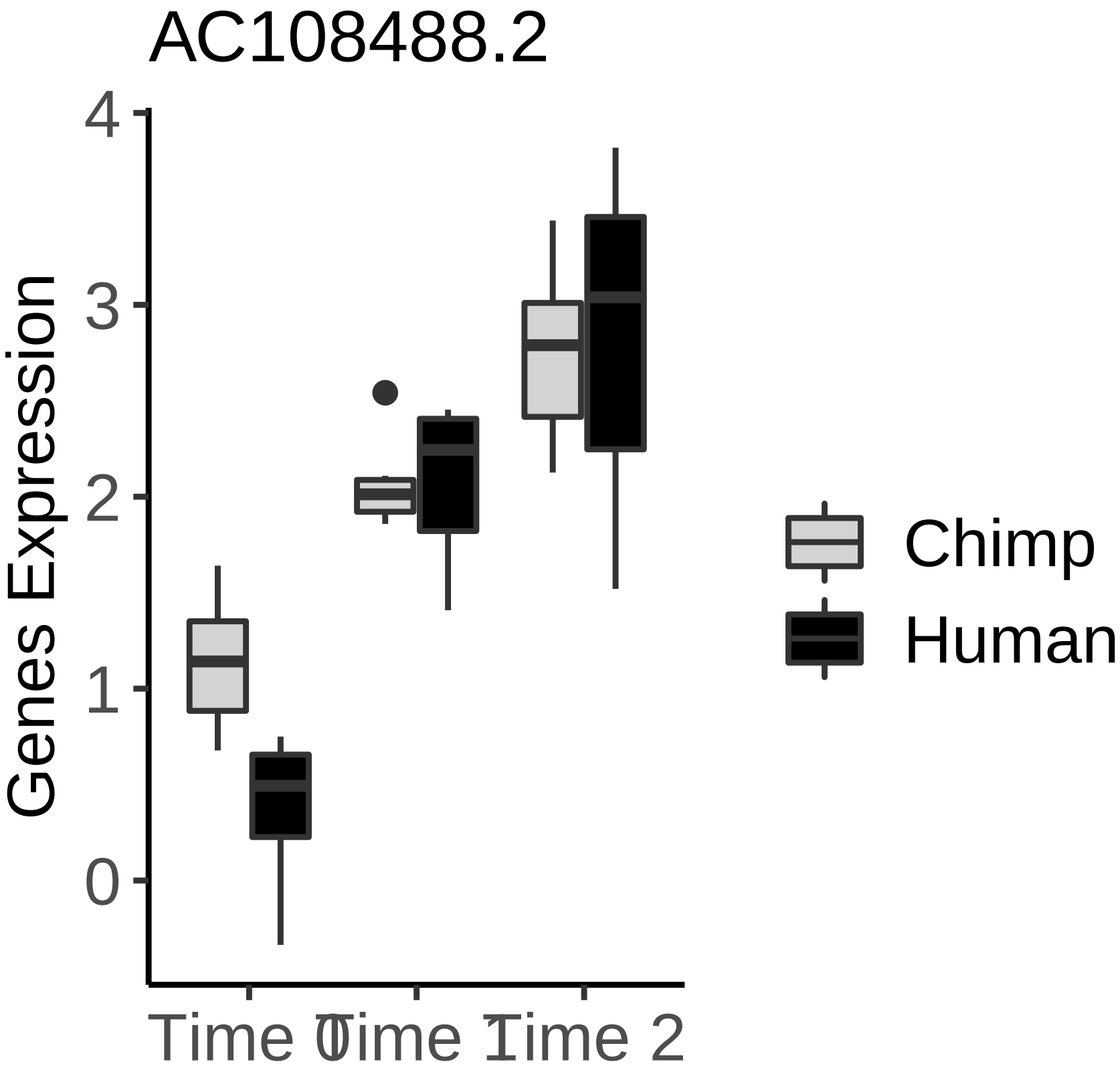
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Genes Expression
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Time 0
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Time 2
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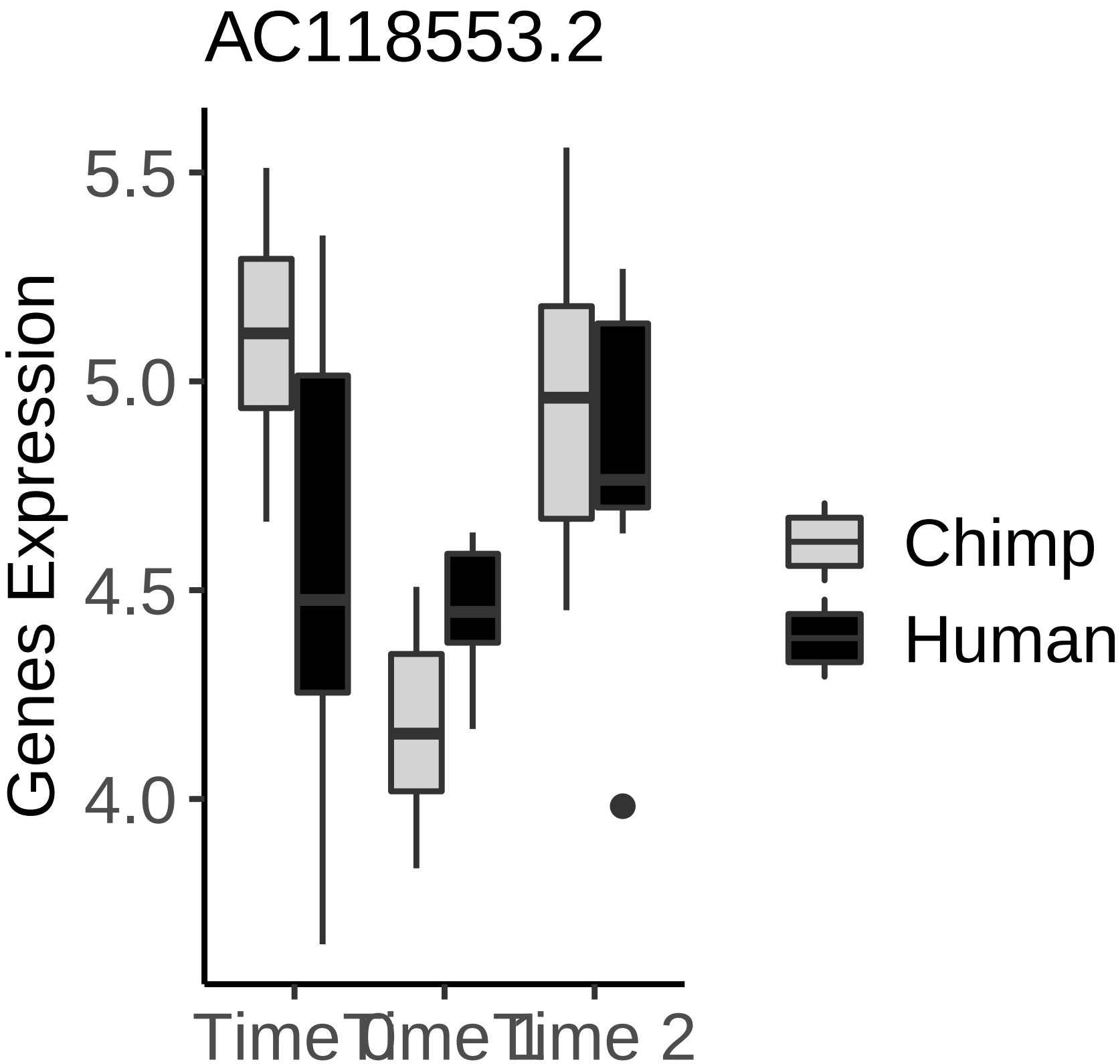
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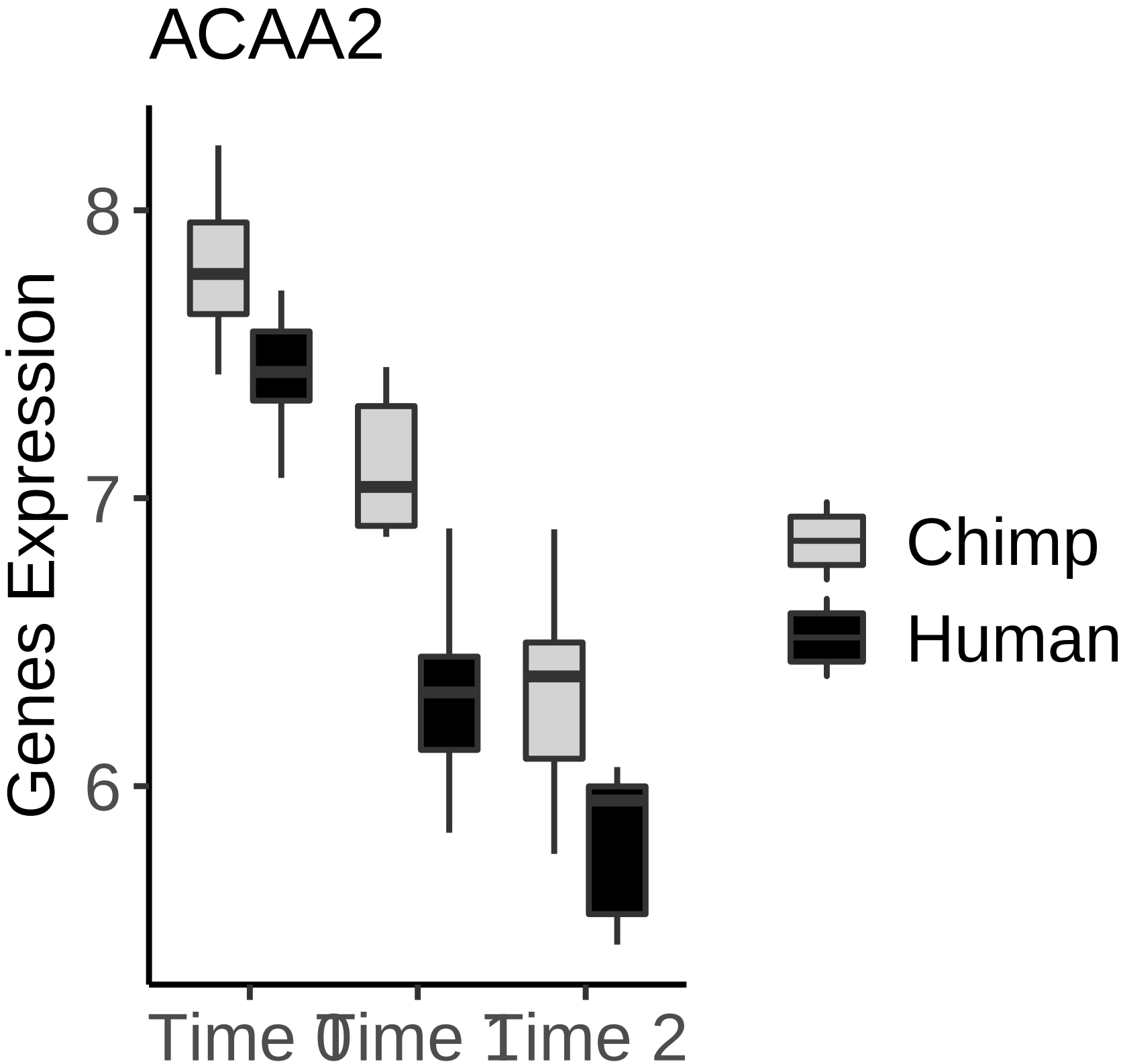
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Time 2
Chimp
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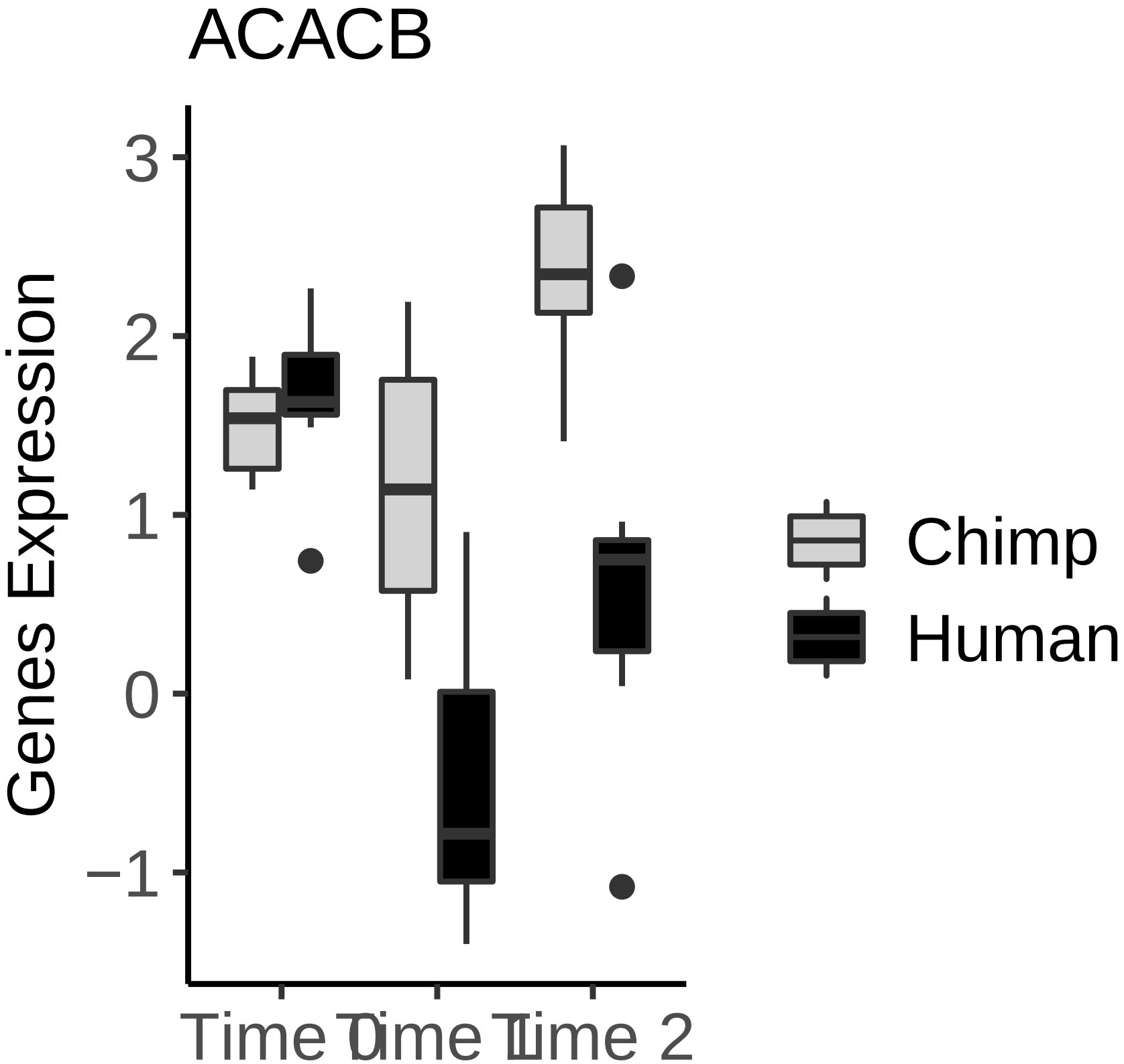
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Time 2
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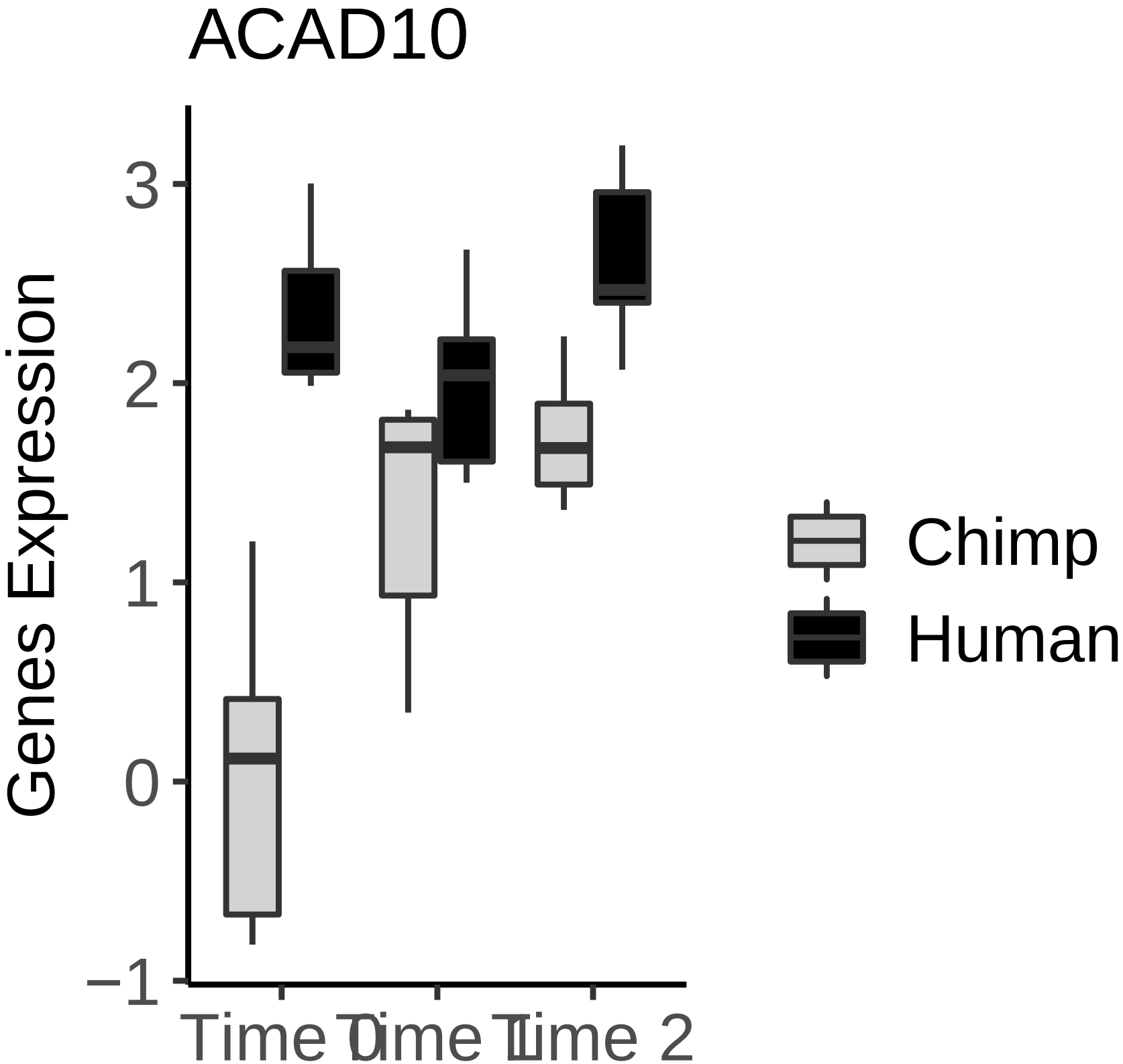
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−1
Time 0
Time 1
Time 2
Chimp
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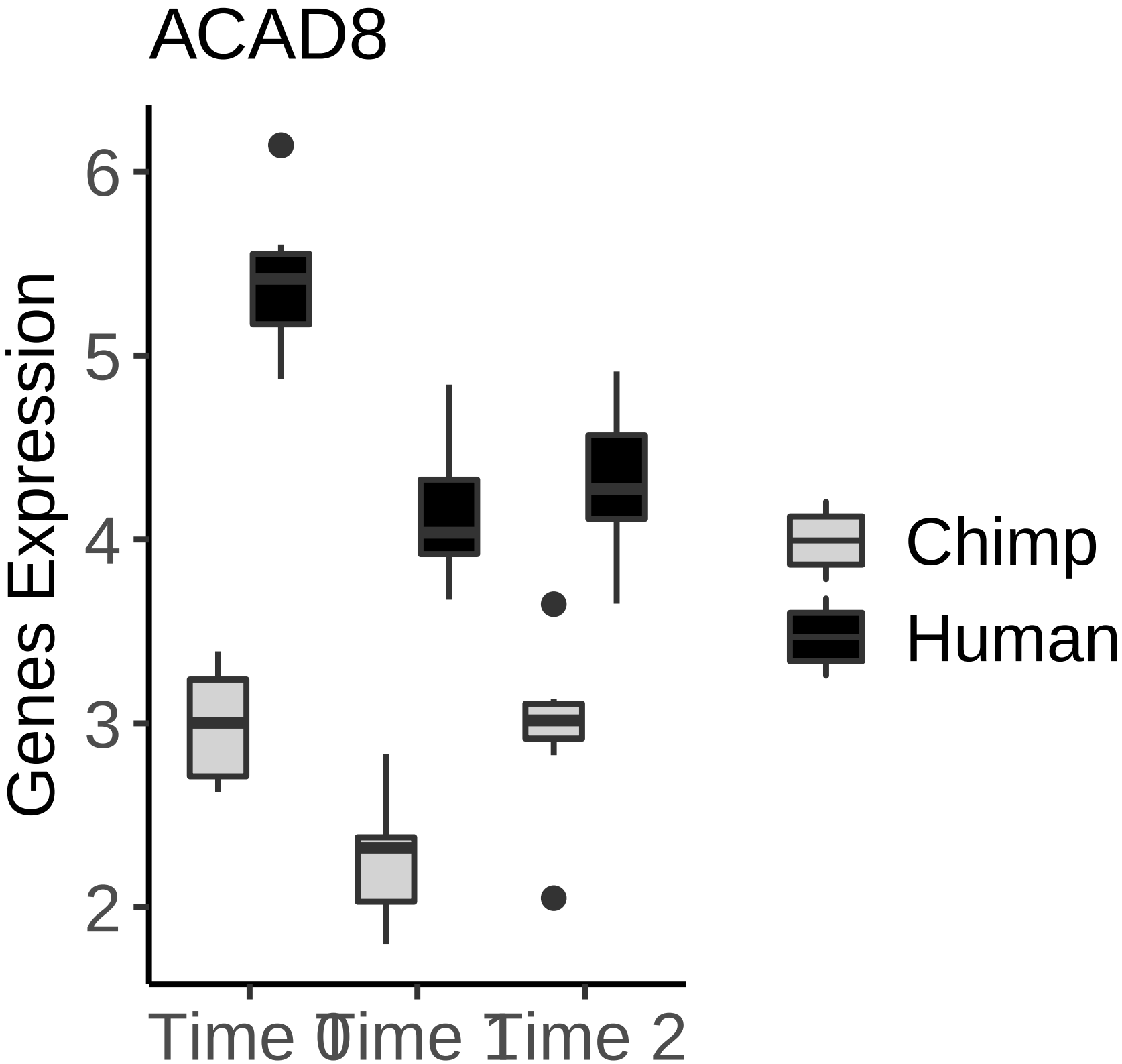
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2
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Time 2
Chimp
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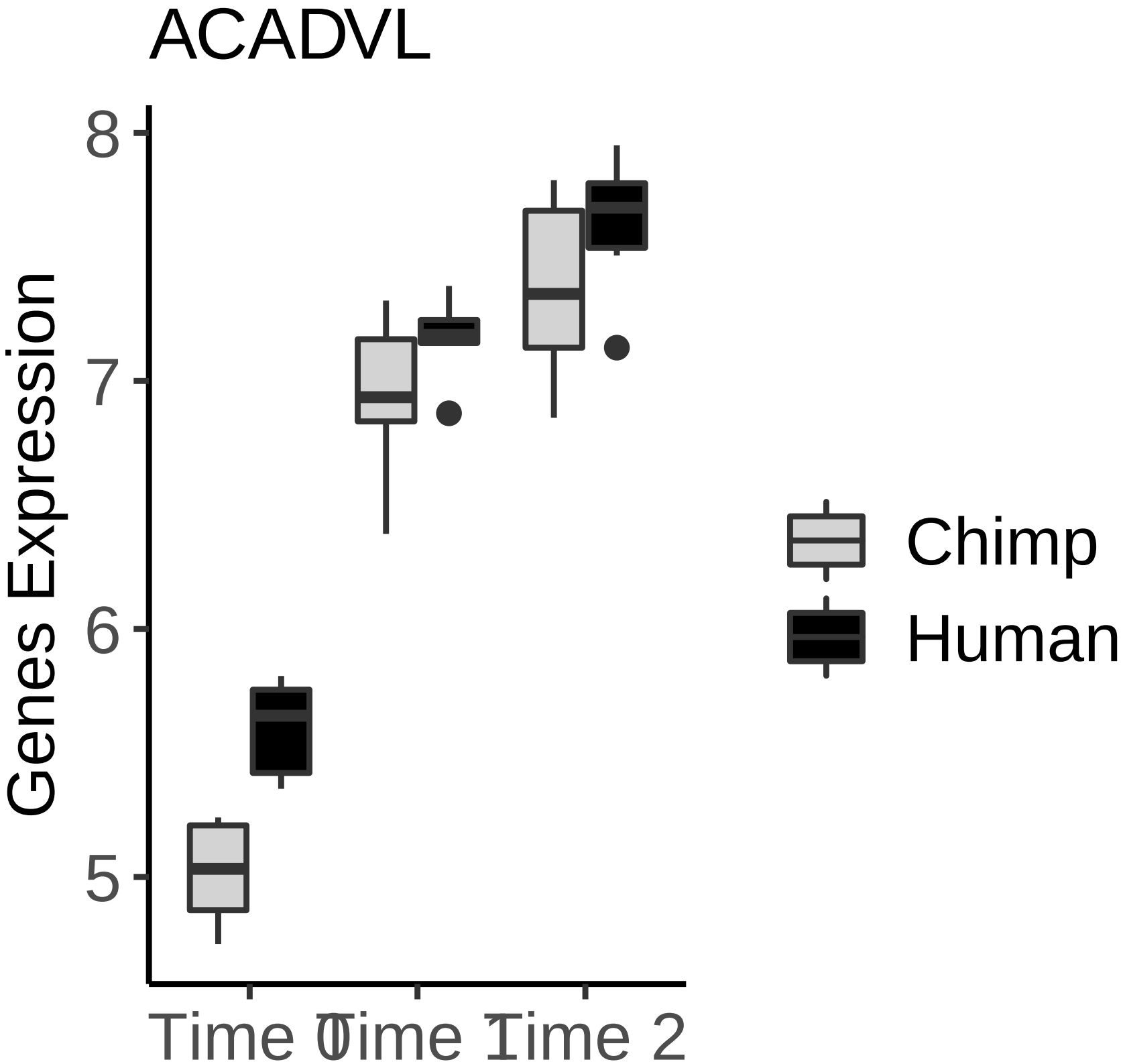
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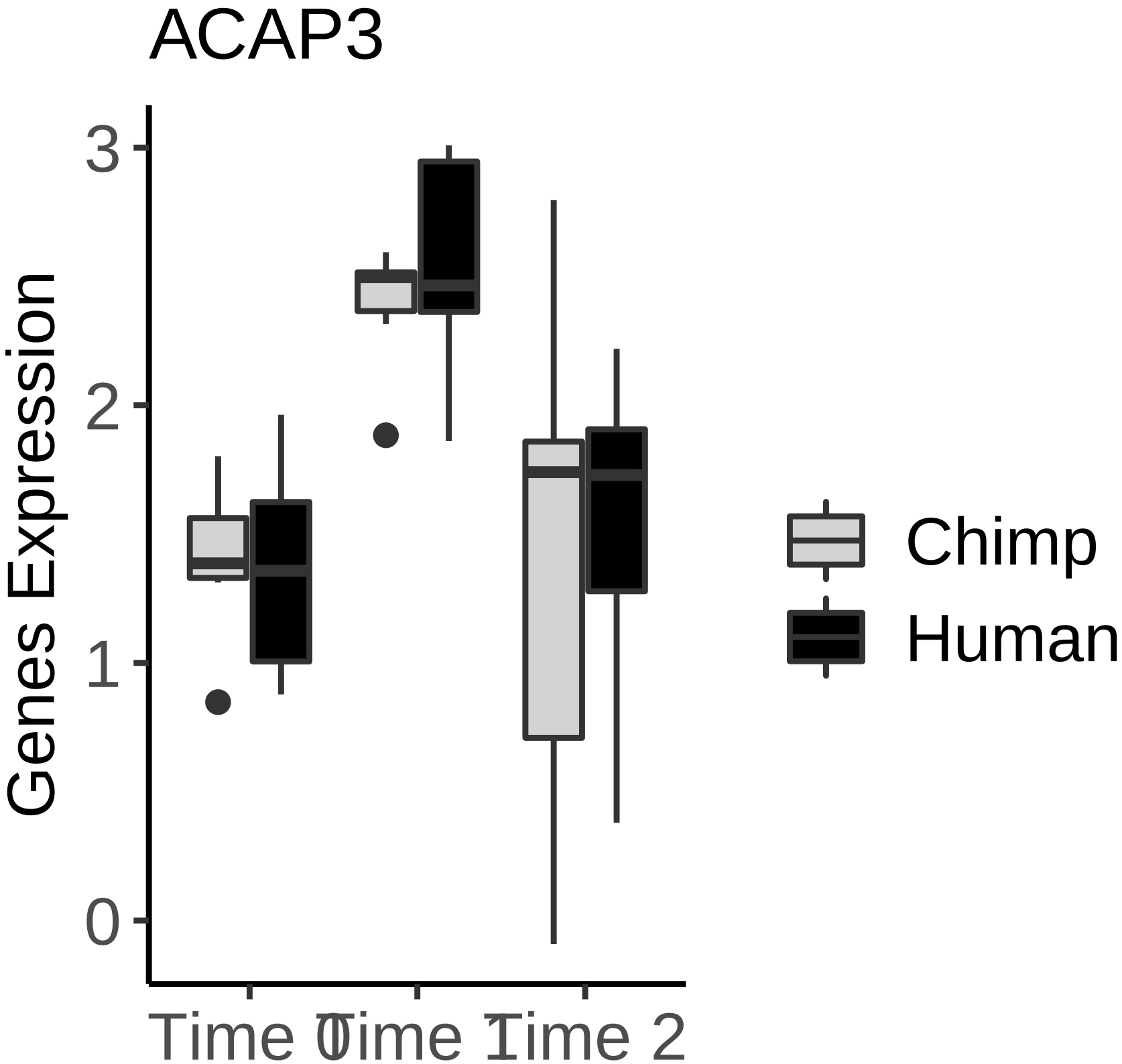
ACAP3
Genes Expression
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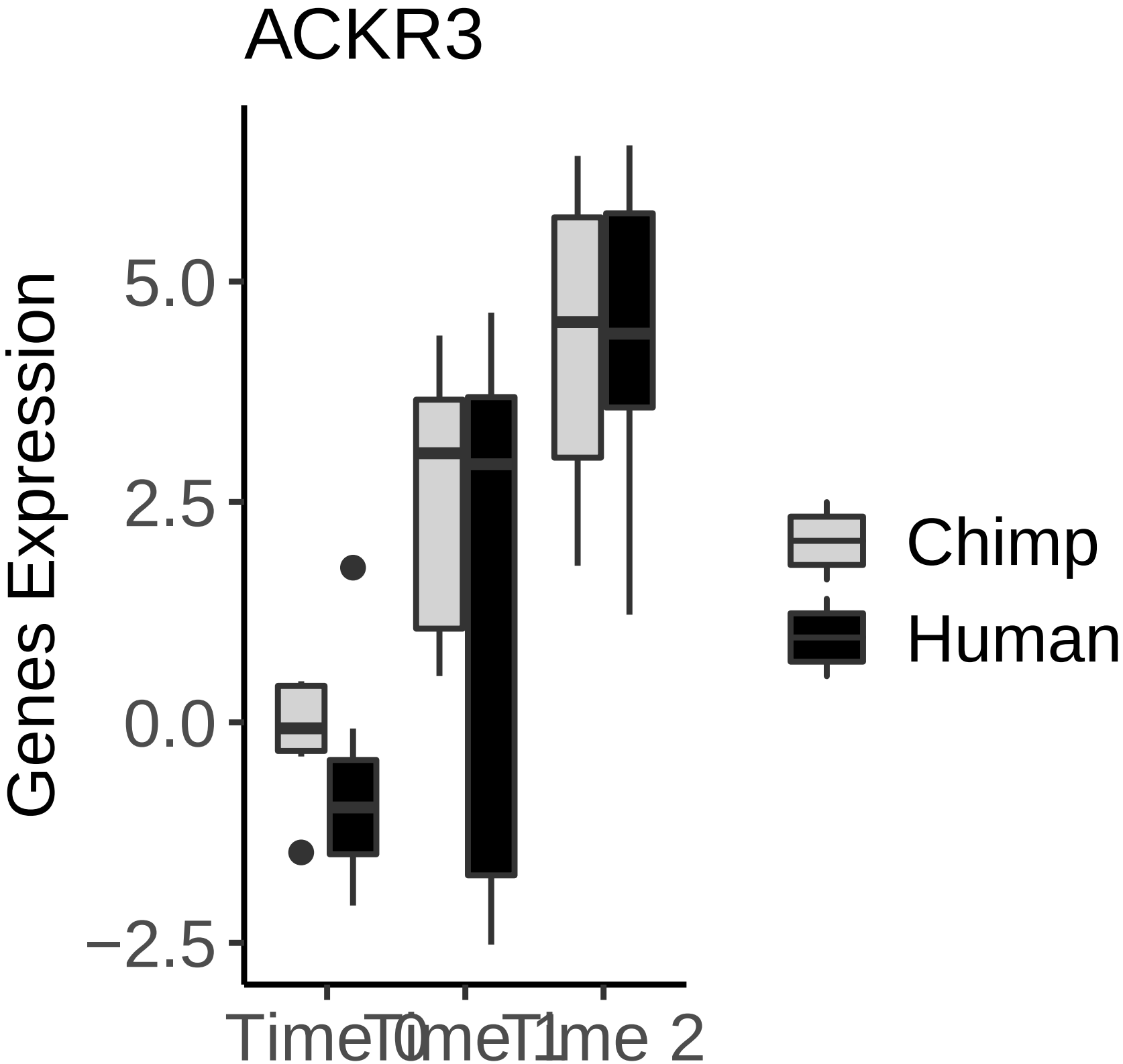
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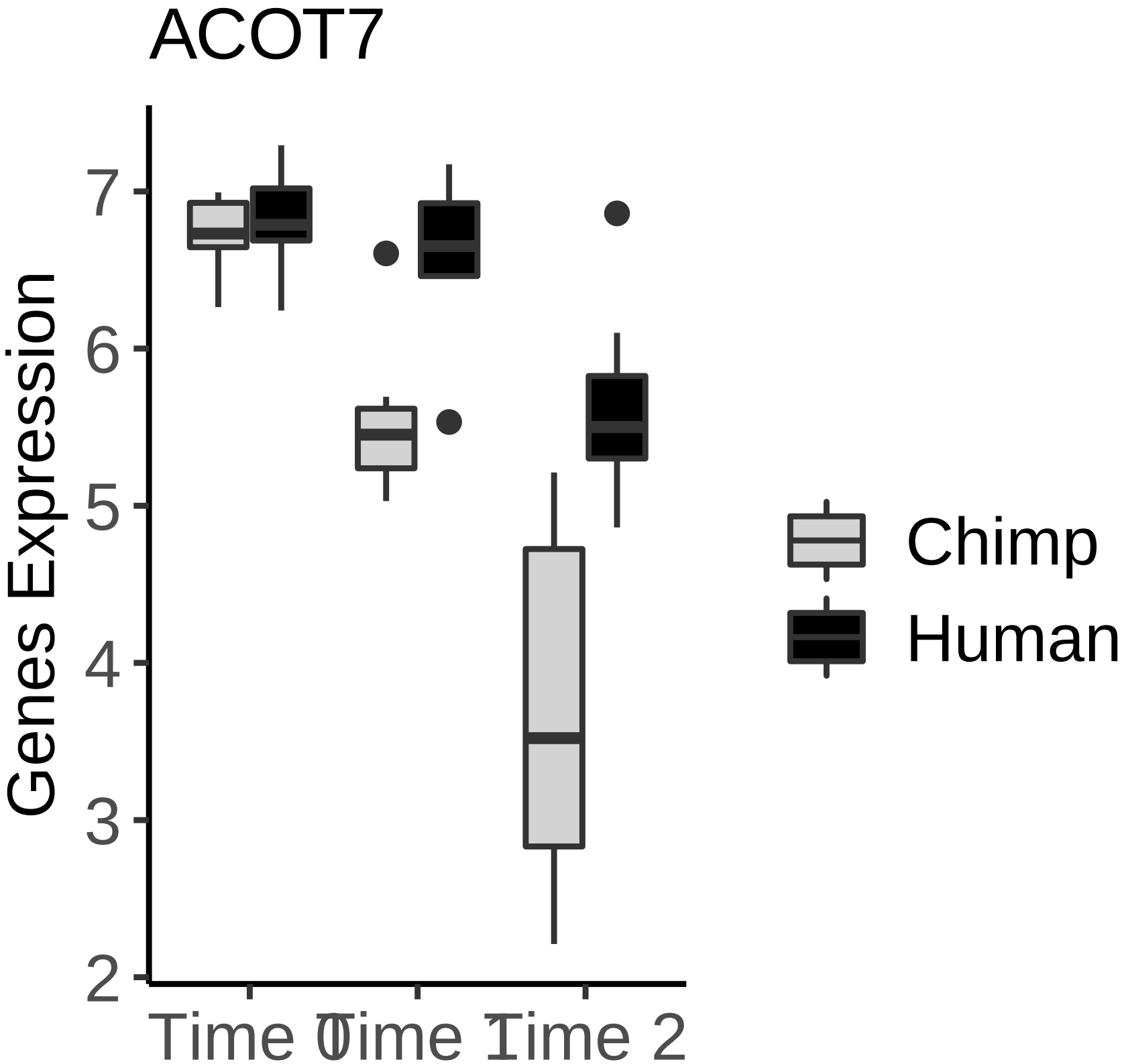
Time 0
Time 1
Time 2
Chimp
Human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2
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Chimp
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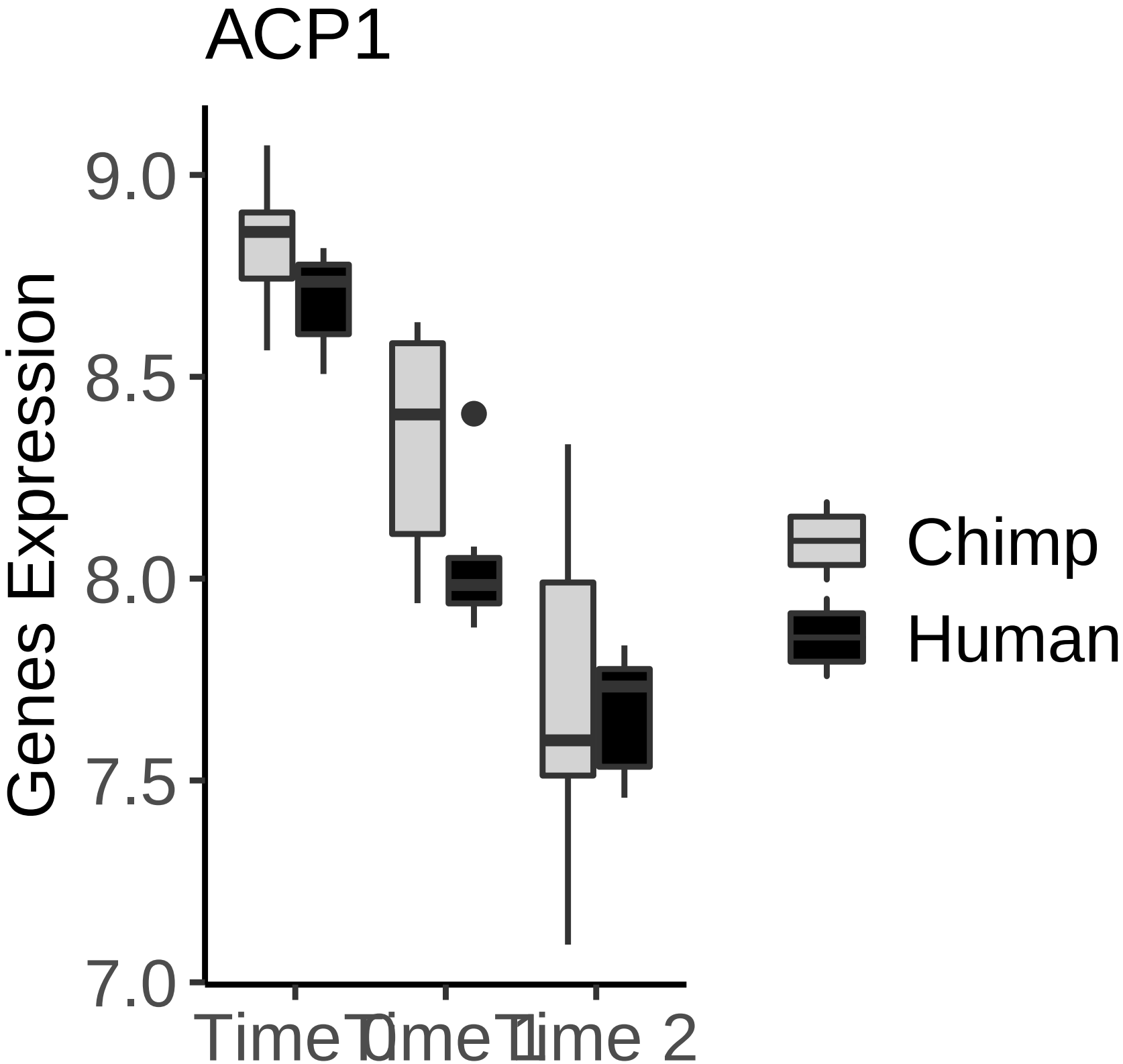
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Genes Expression
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8.0
7.5
7.0
Time 0
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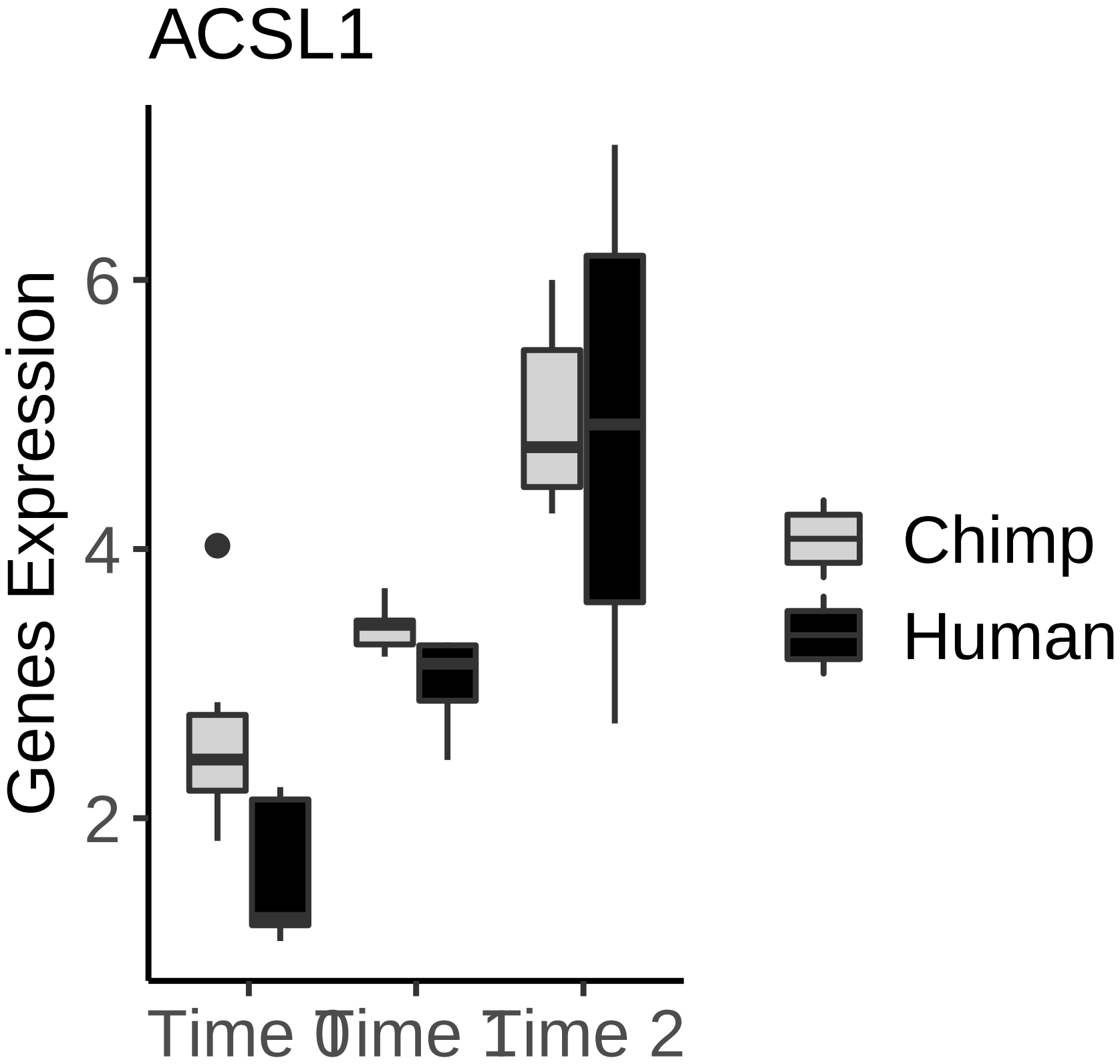
ACSL1
Genes Expression
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4
2
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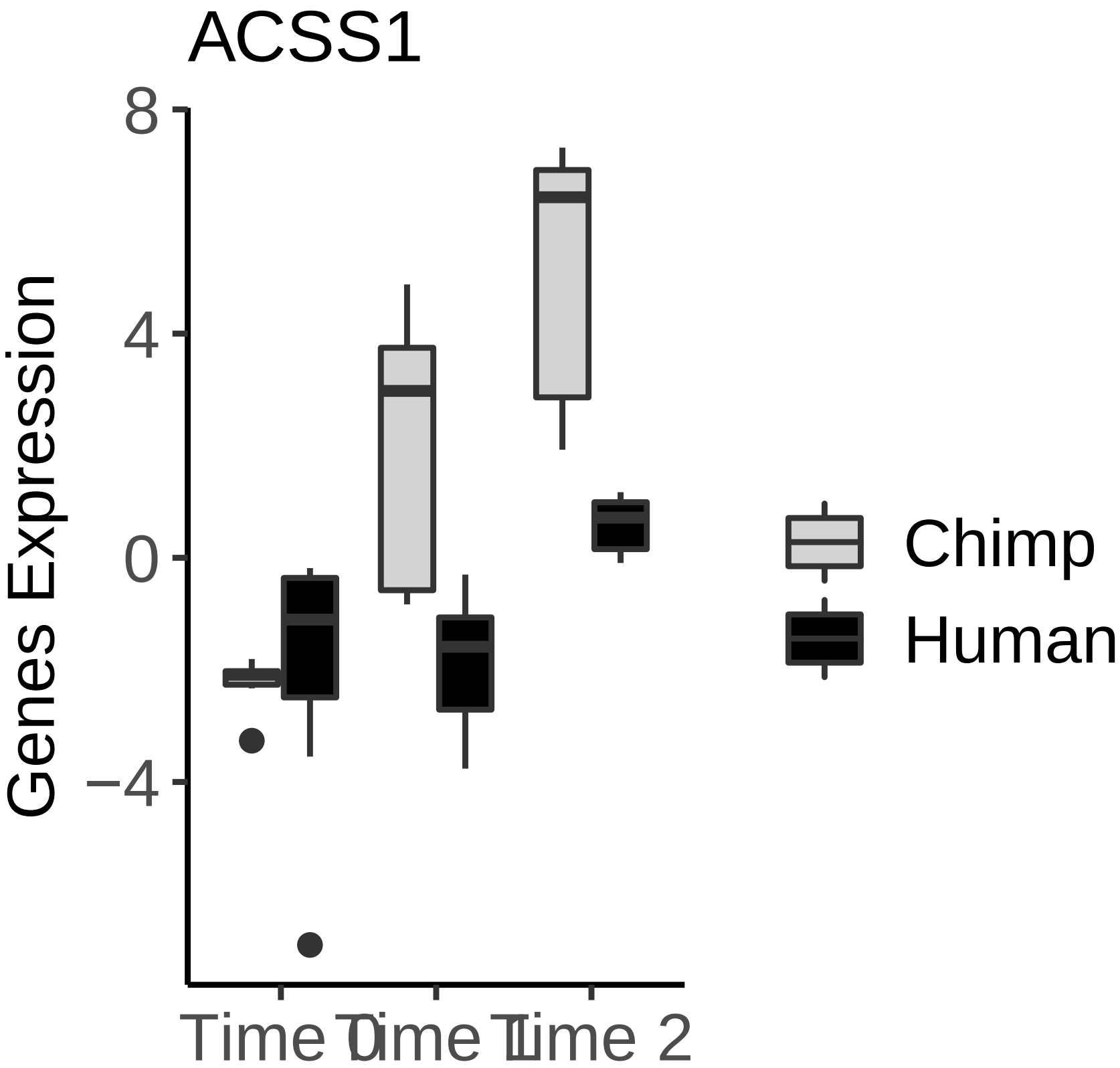
ACSS1
Genes Expression
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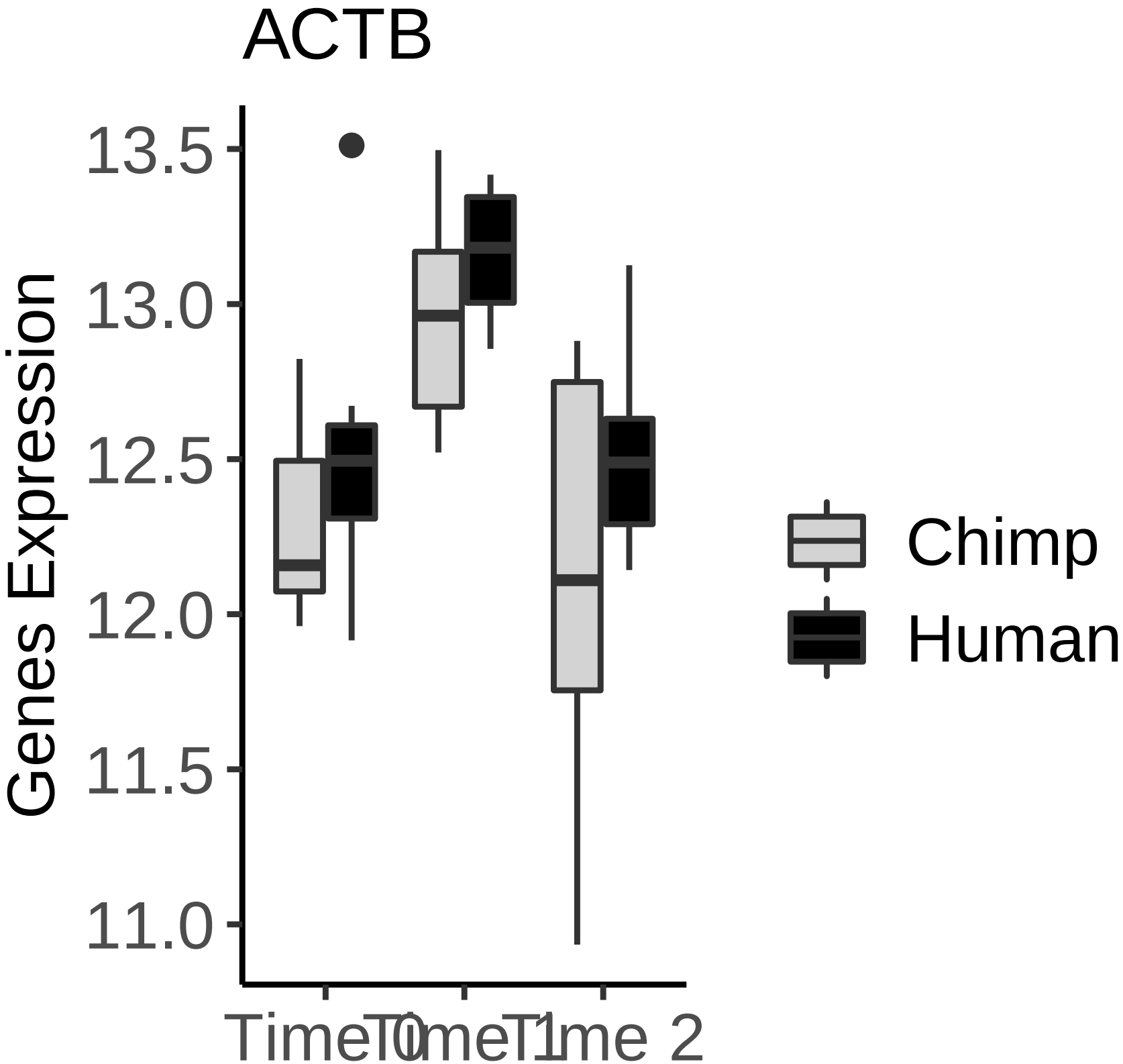
−4
Time 0
Time 1
Time 2
Chimp
Human


ACTB
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11.0
Time 0
Time 1
Time 2
Chimp
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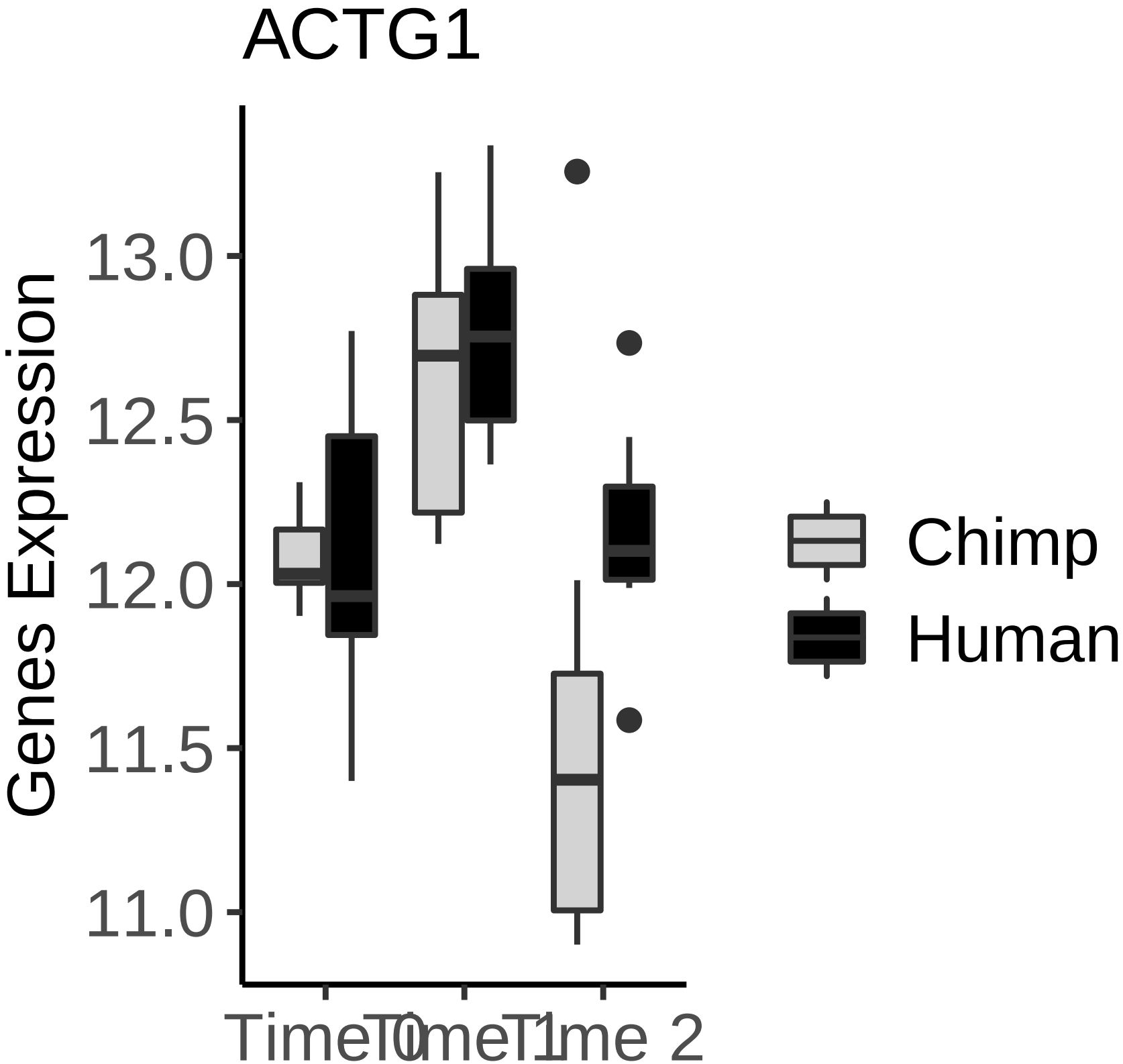
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11.0
Time 0
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Time 2
Chimp
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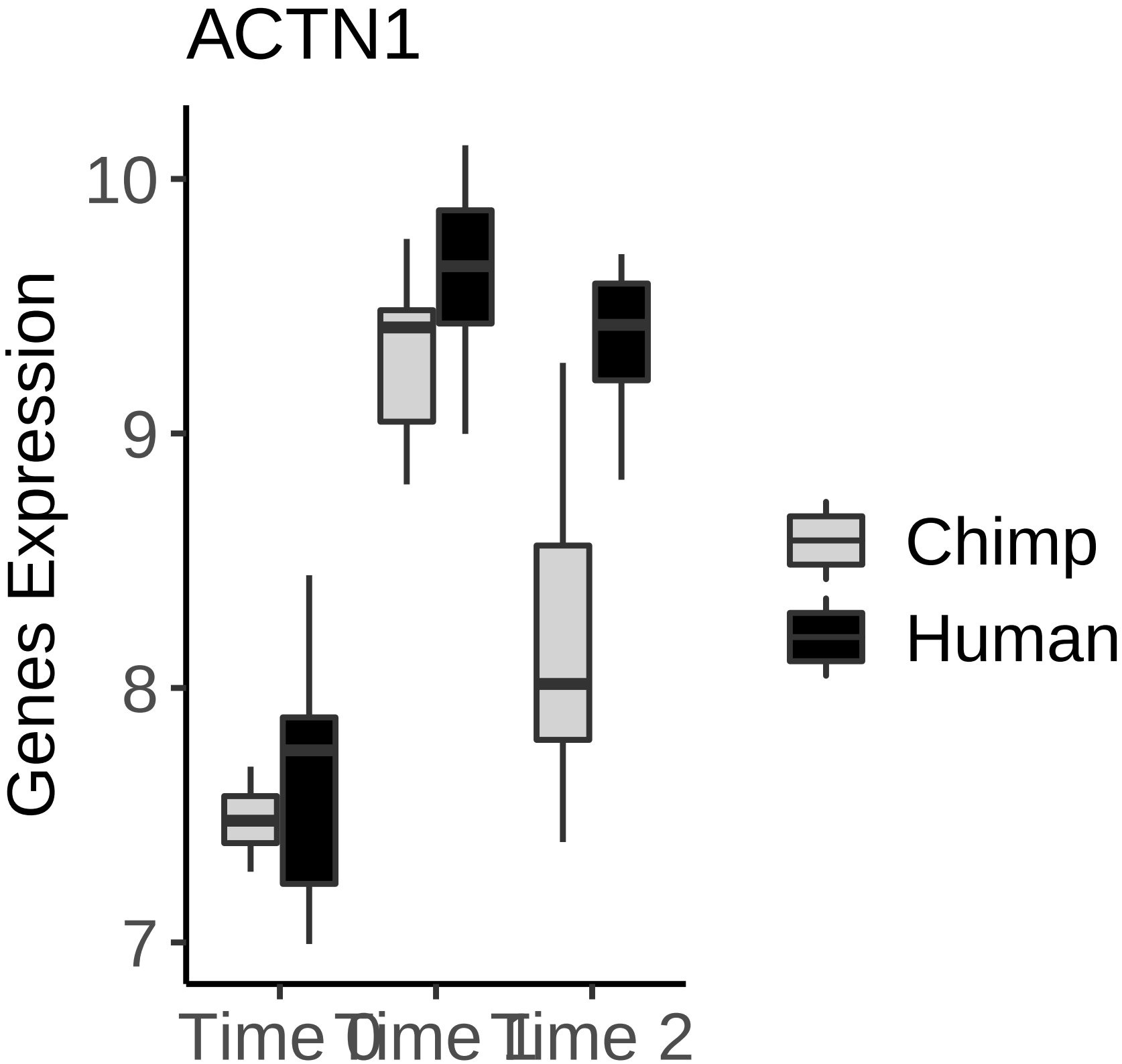
ACTN1
Genes Expression
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8
7
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Time 2
Chimp
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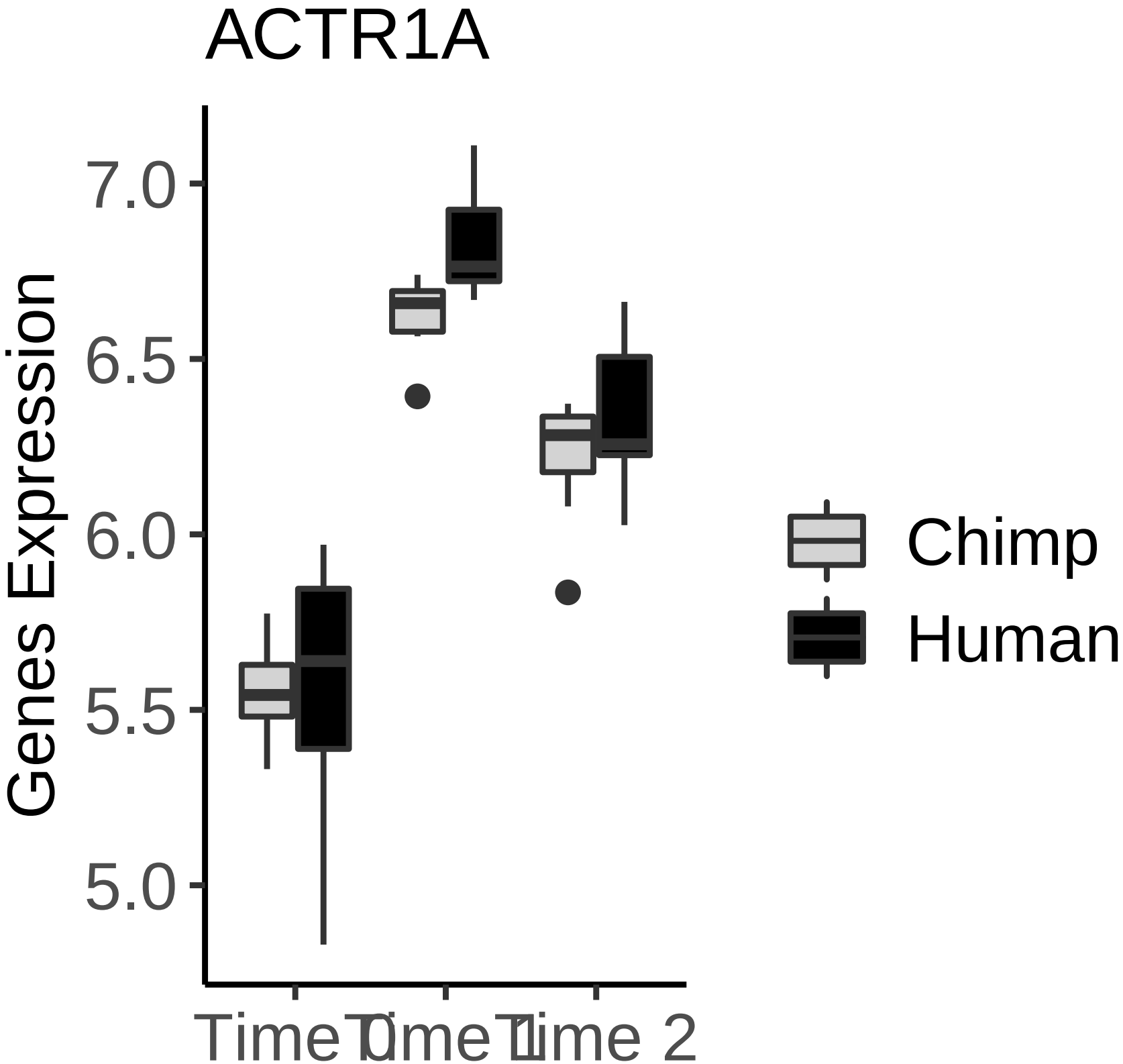
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Time 2
Chimp
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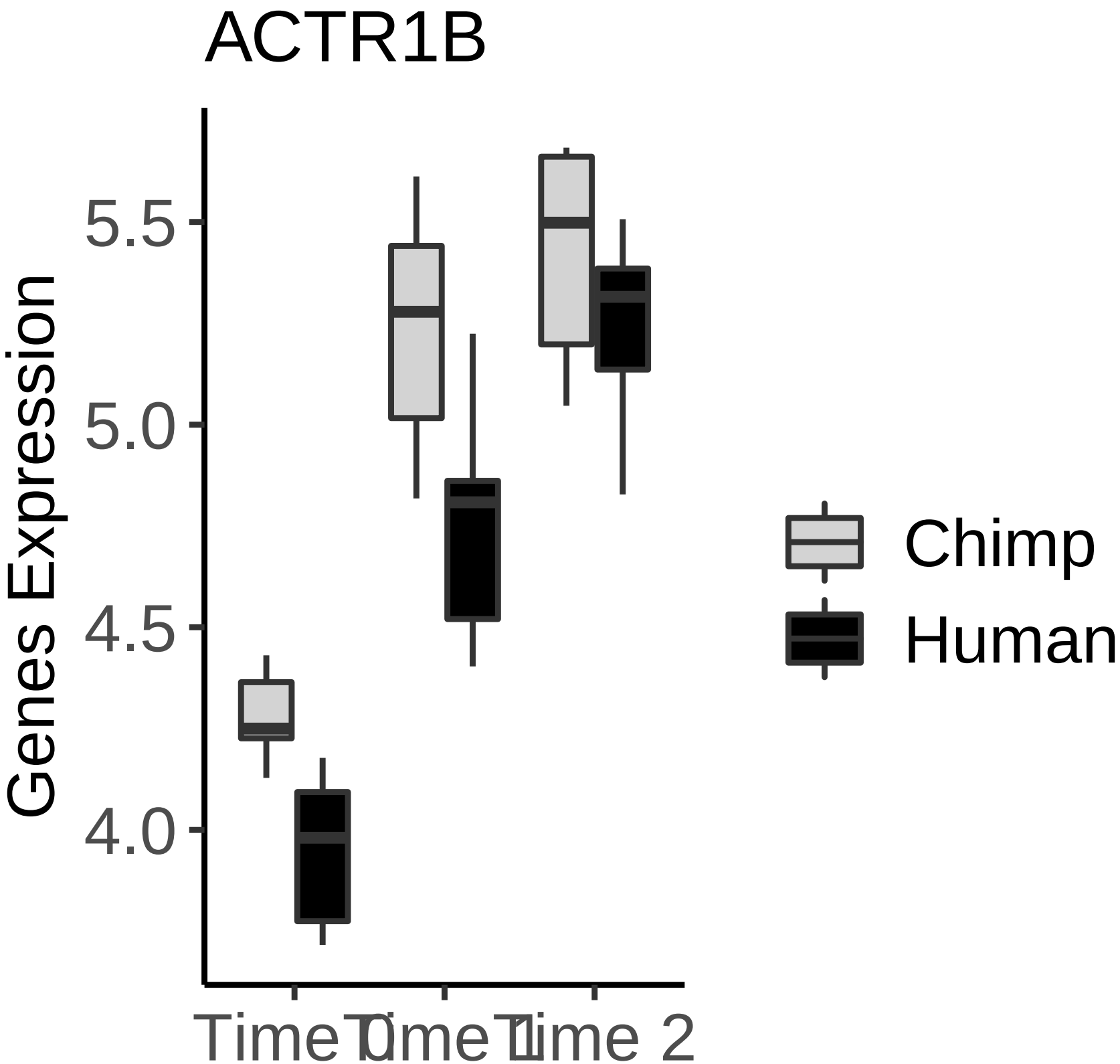
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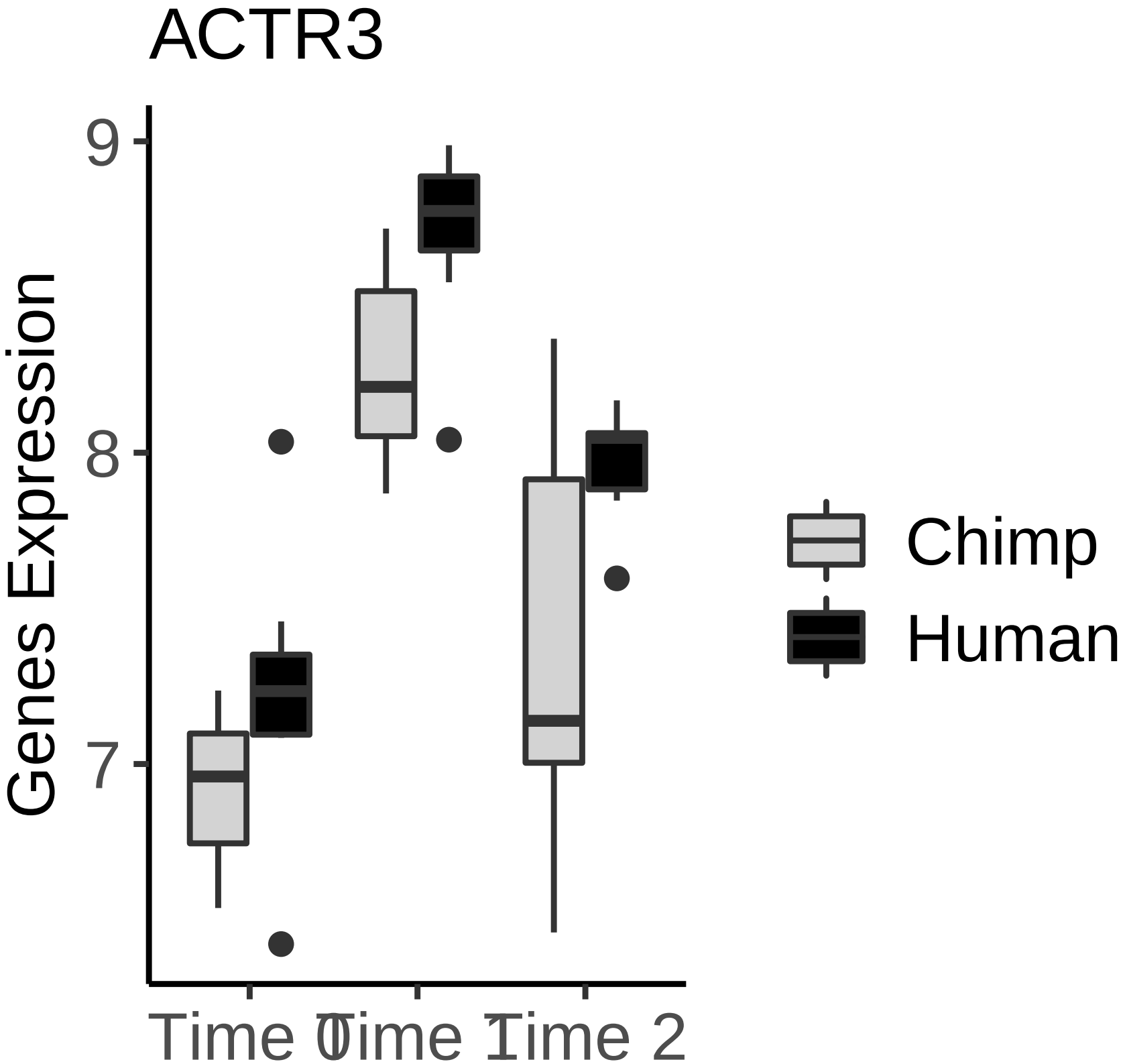
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8
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Time 1
Time 2
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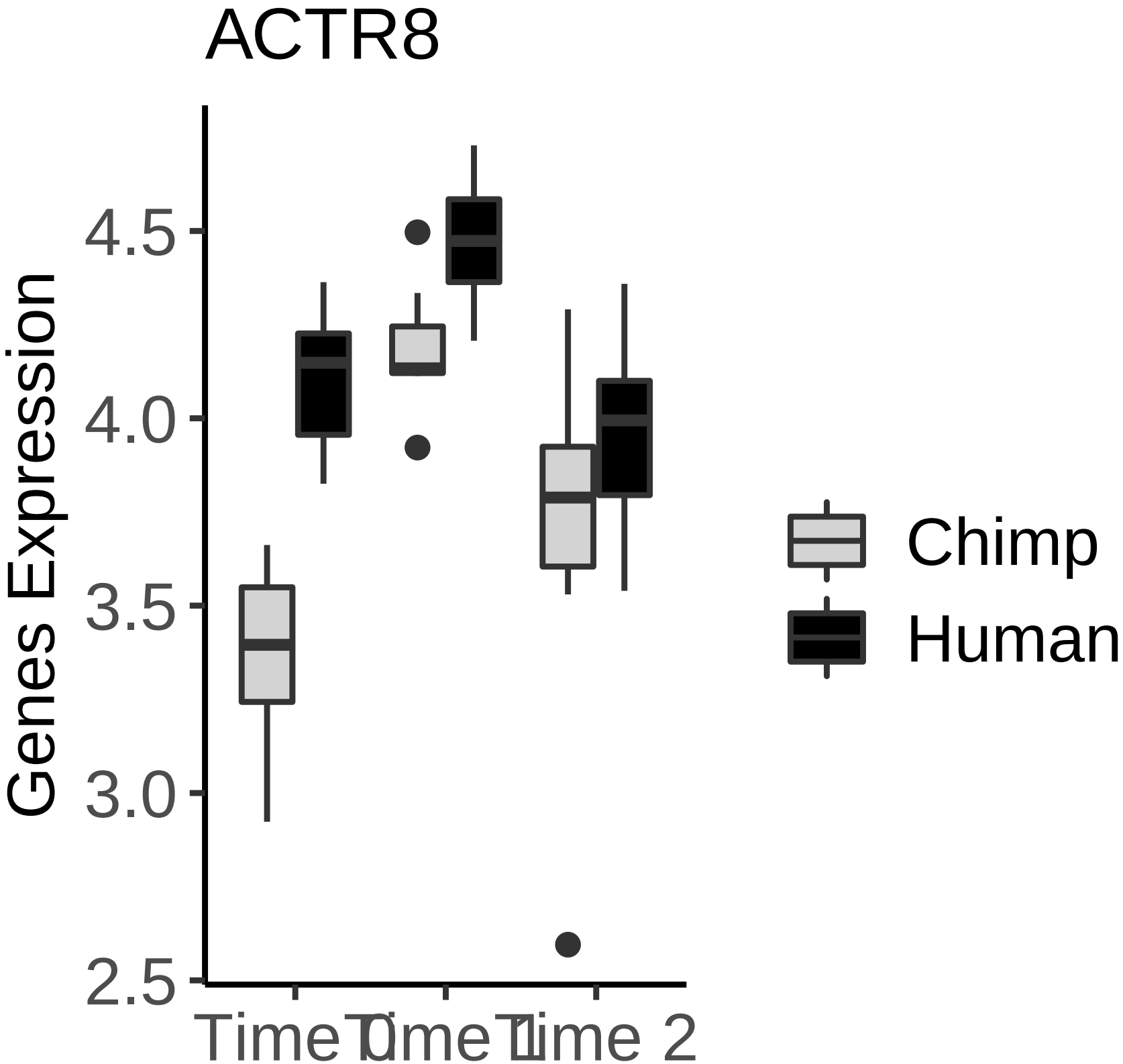
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Time 1
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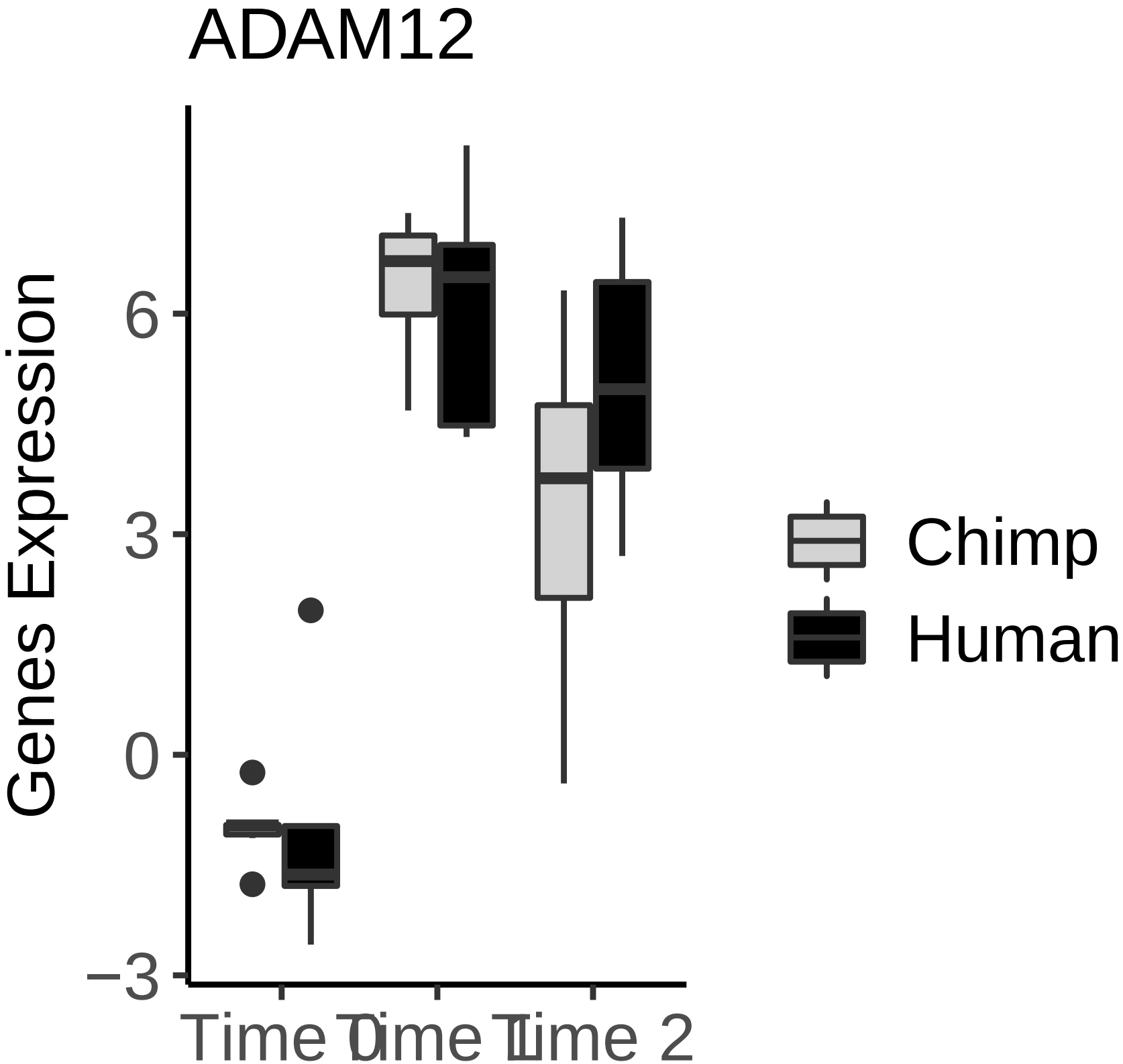
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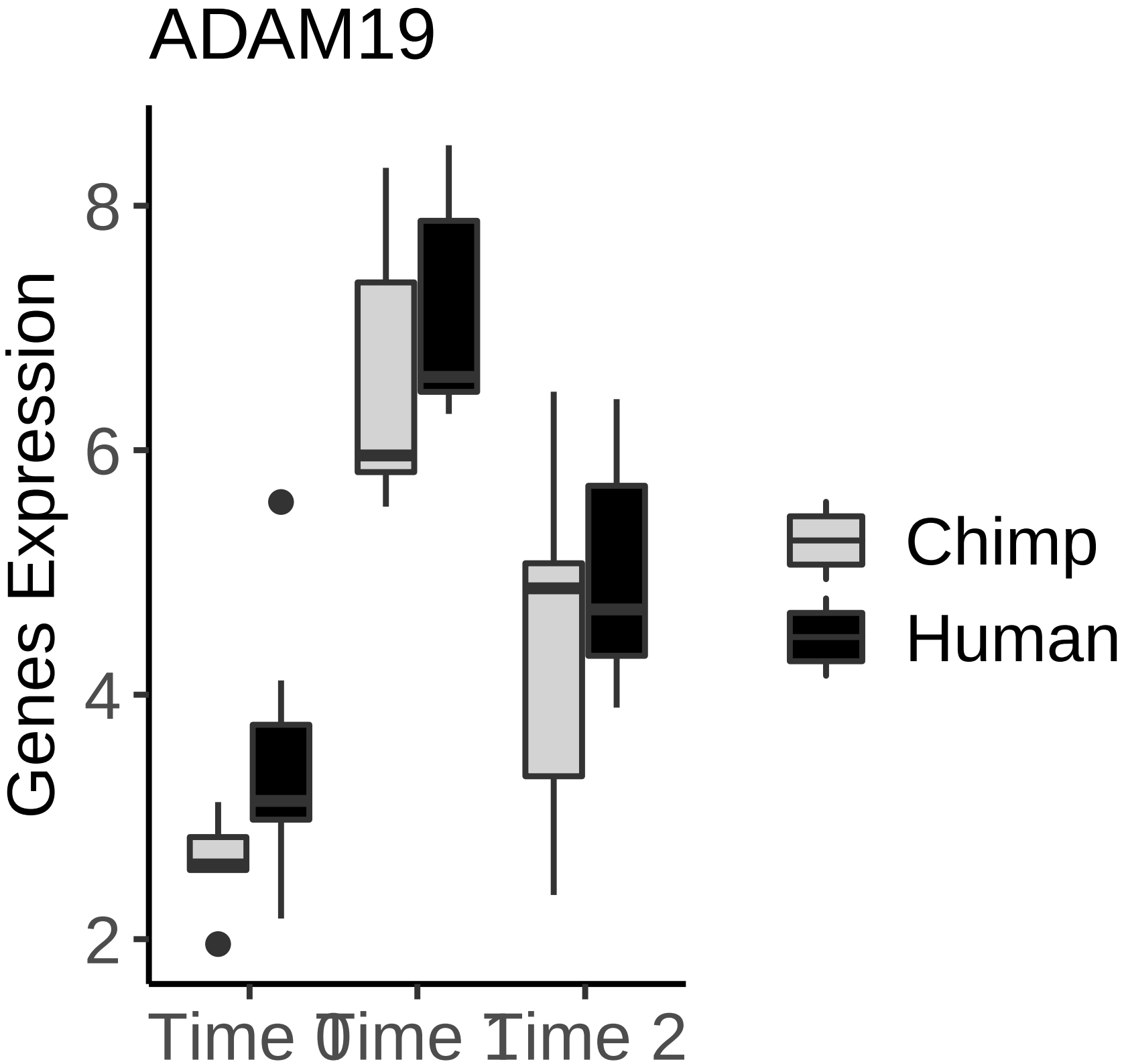
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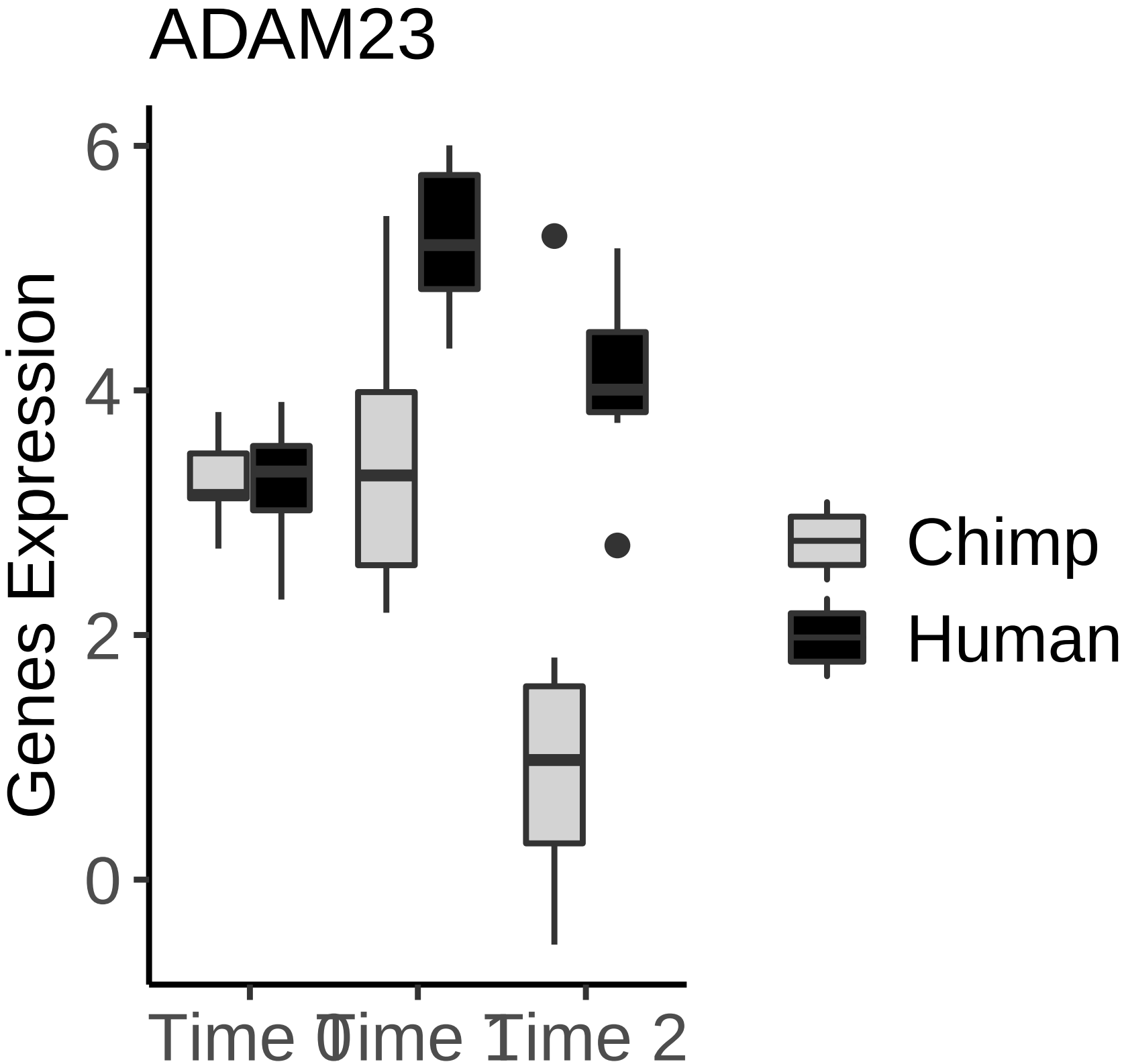
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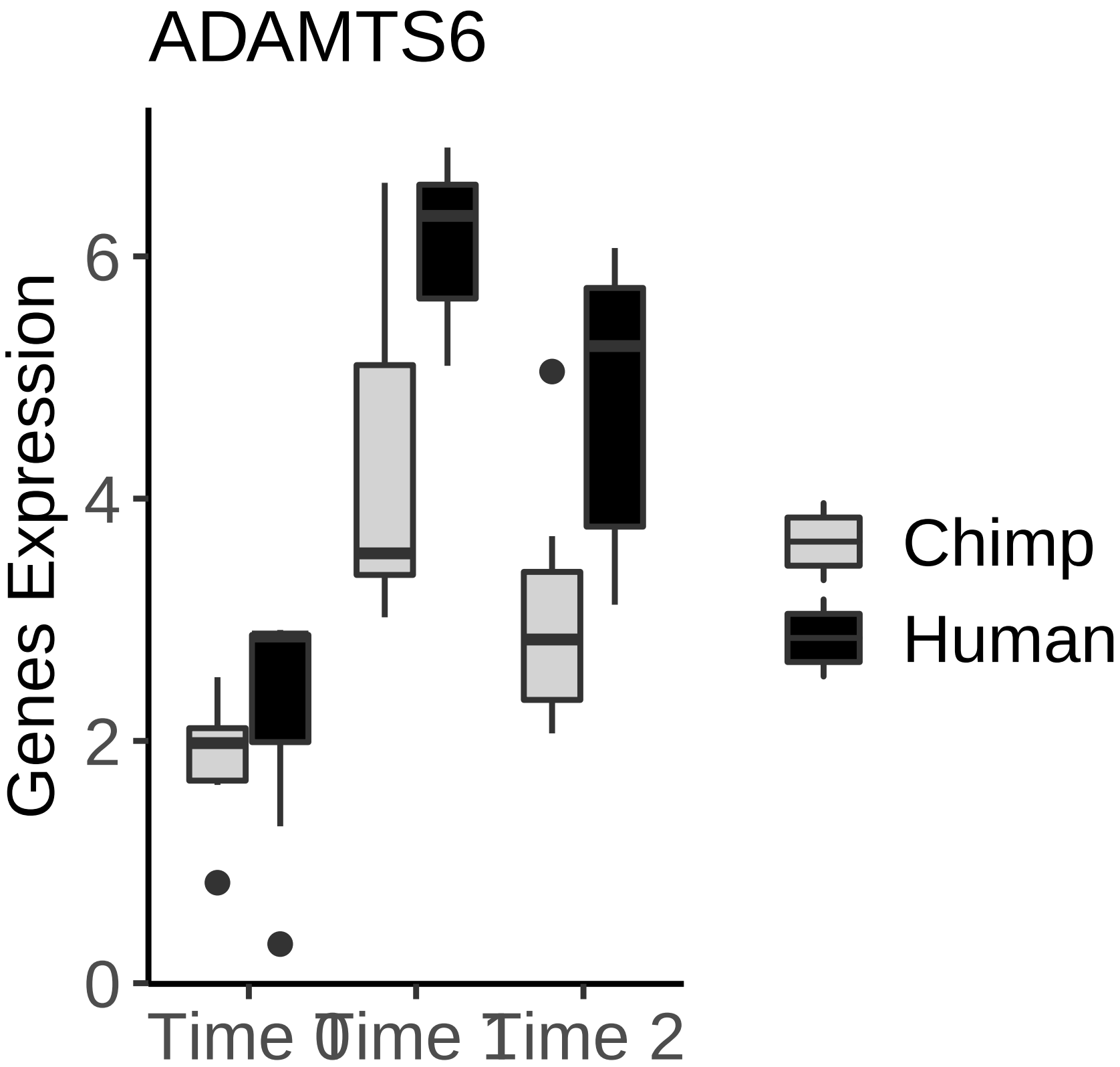
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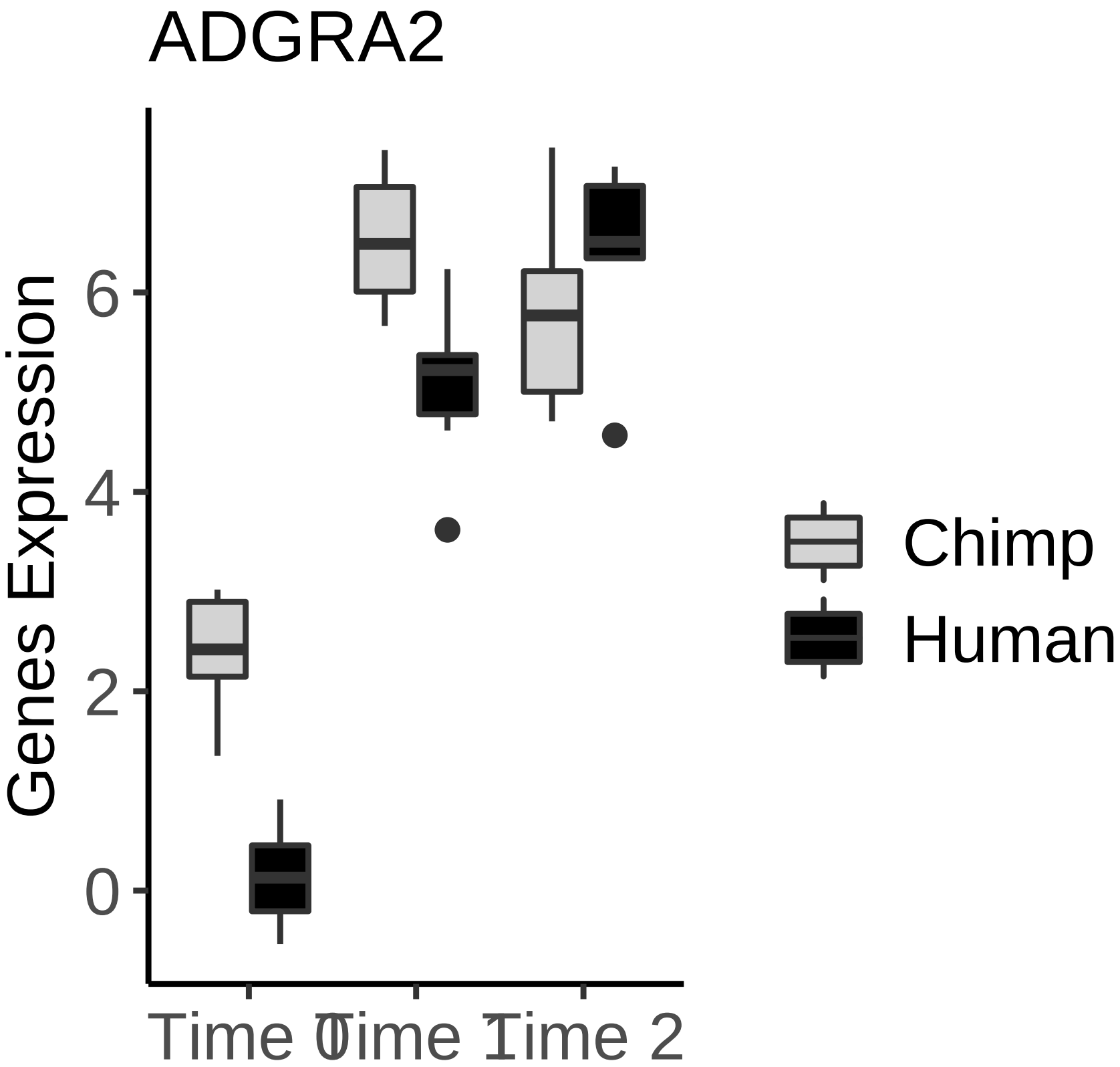
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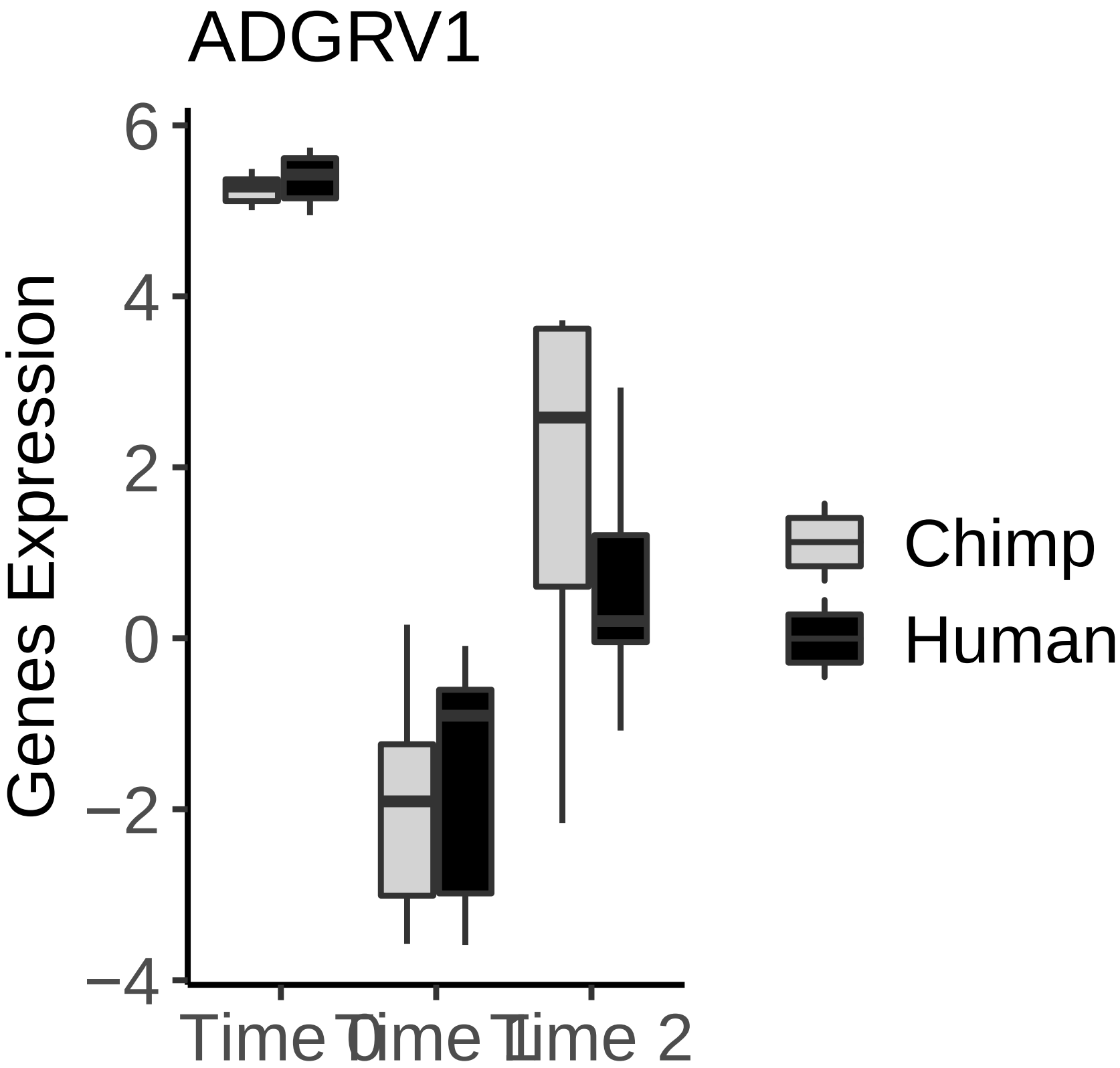
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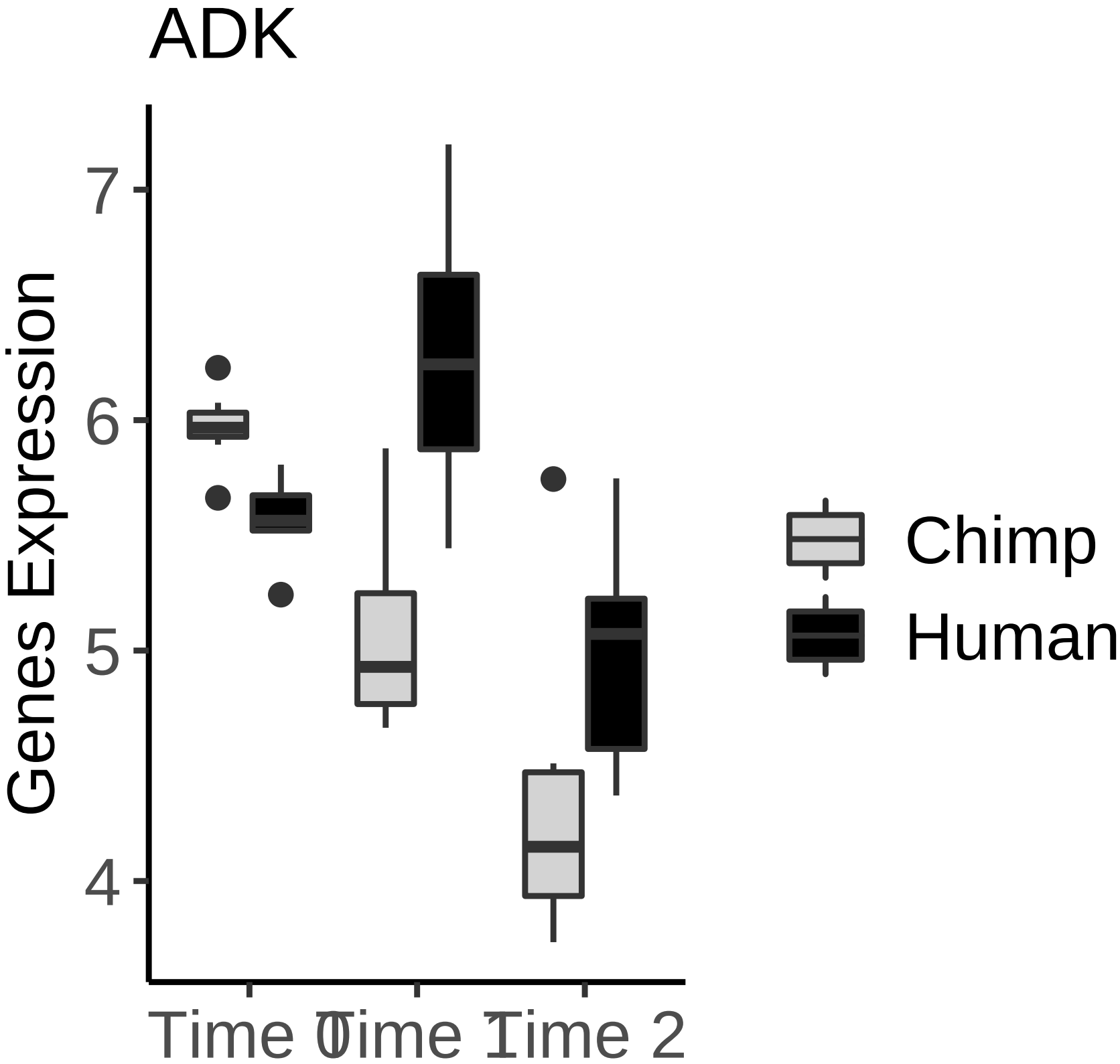
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Time 2
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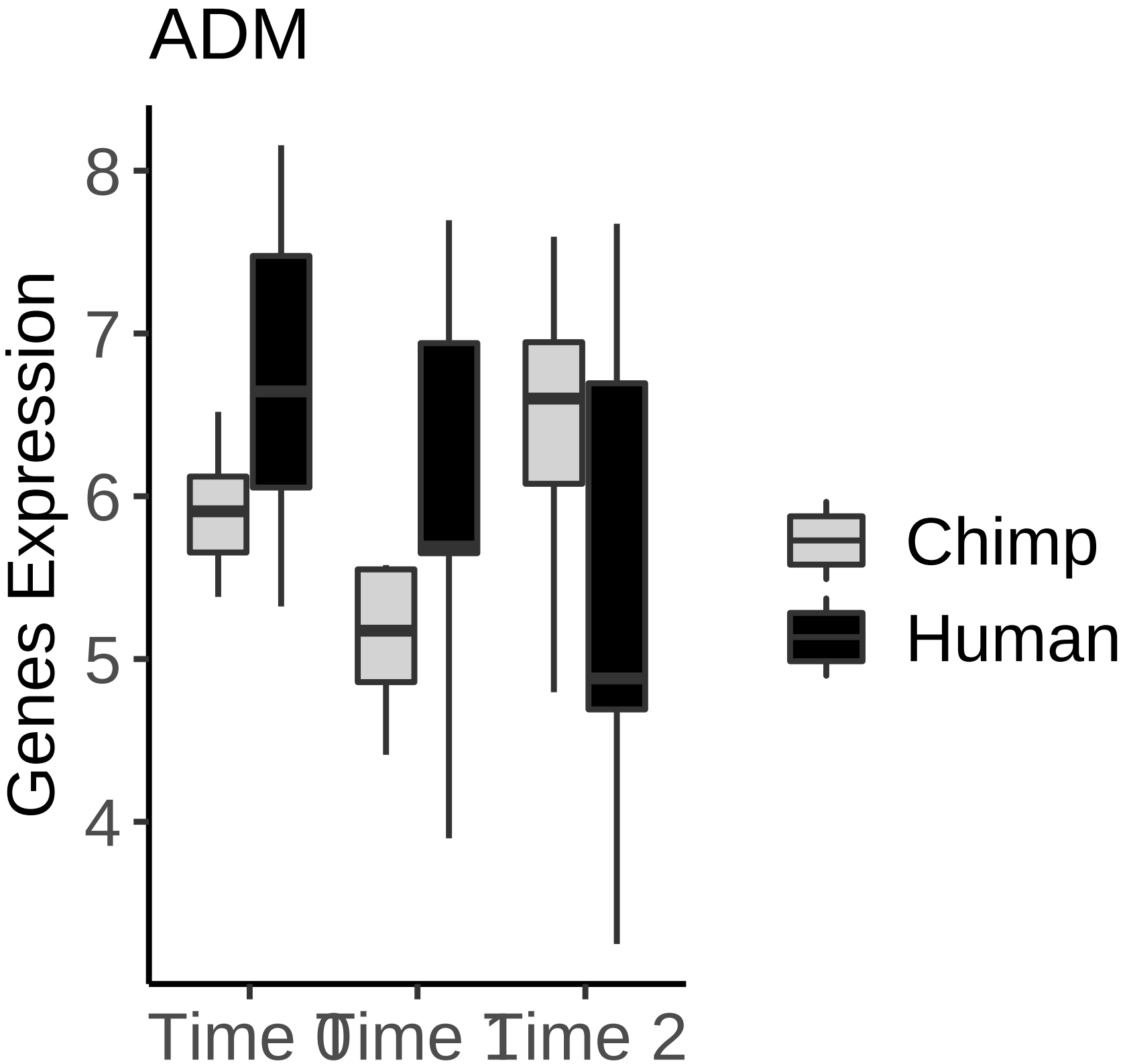
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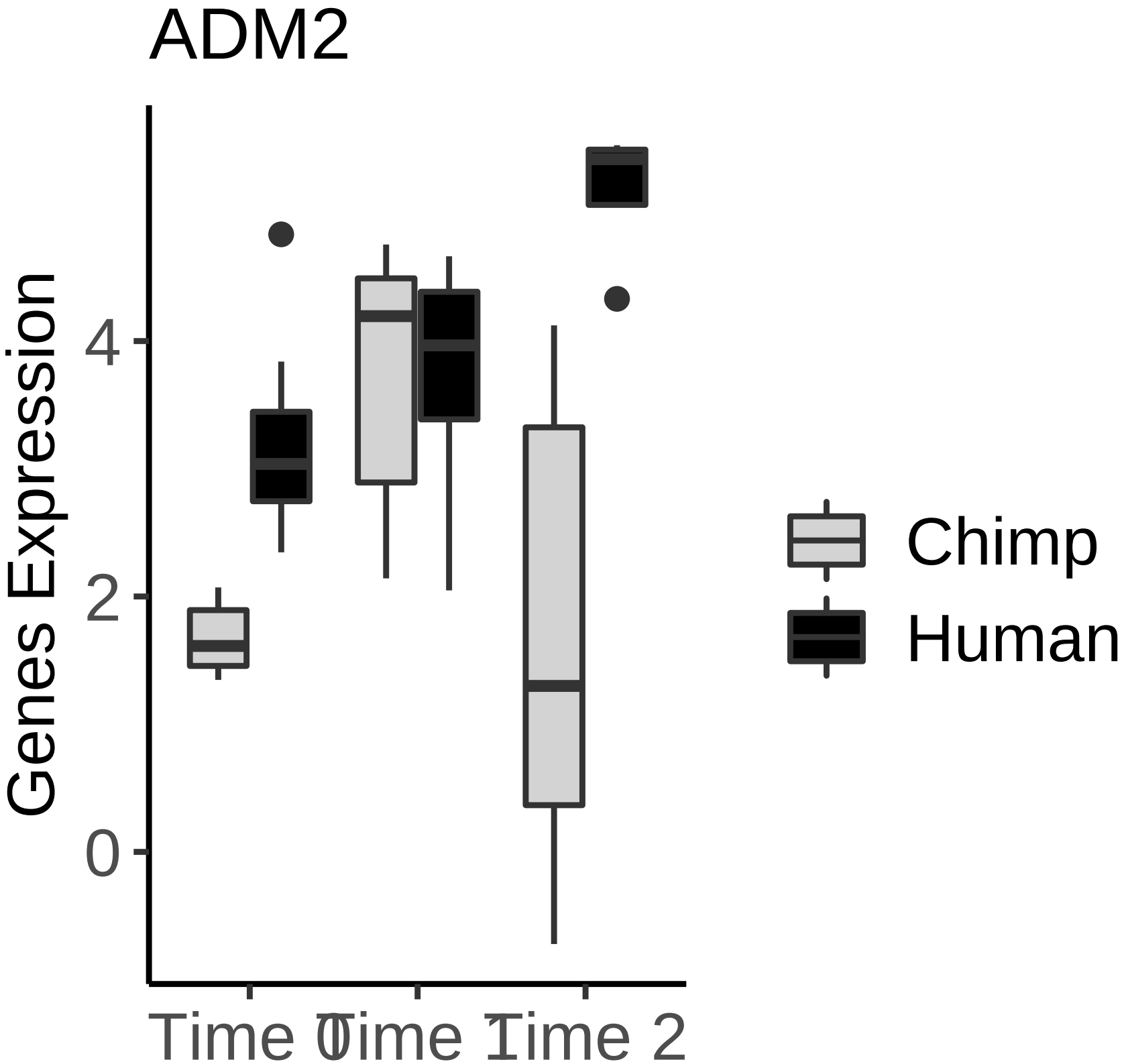
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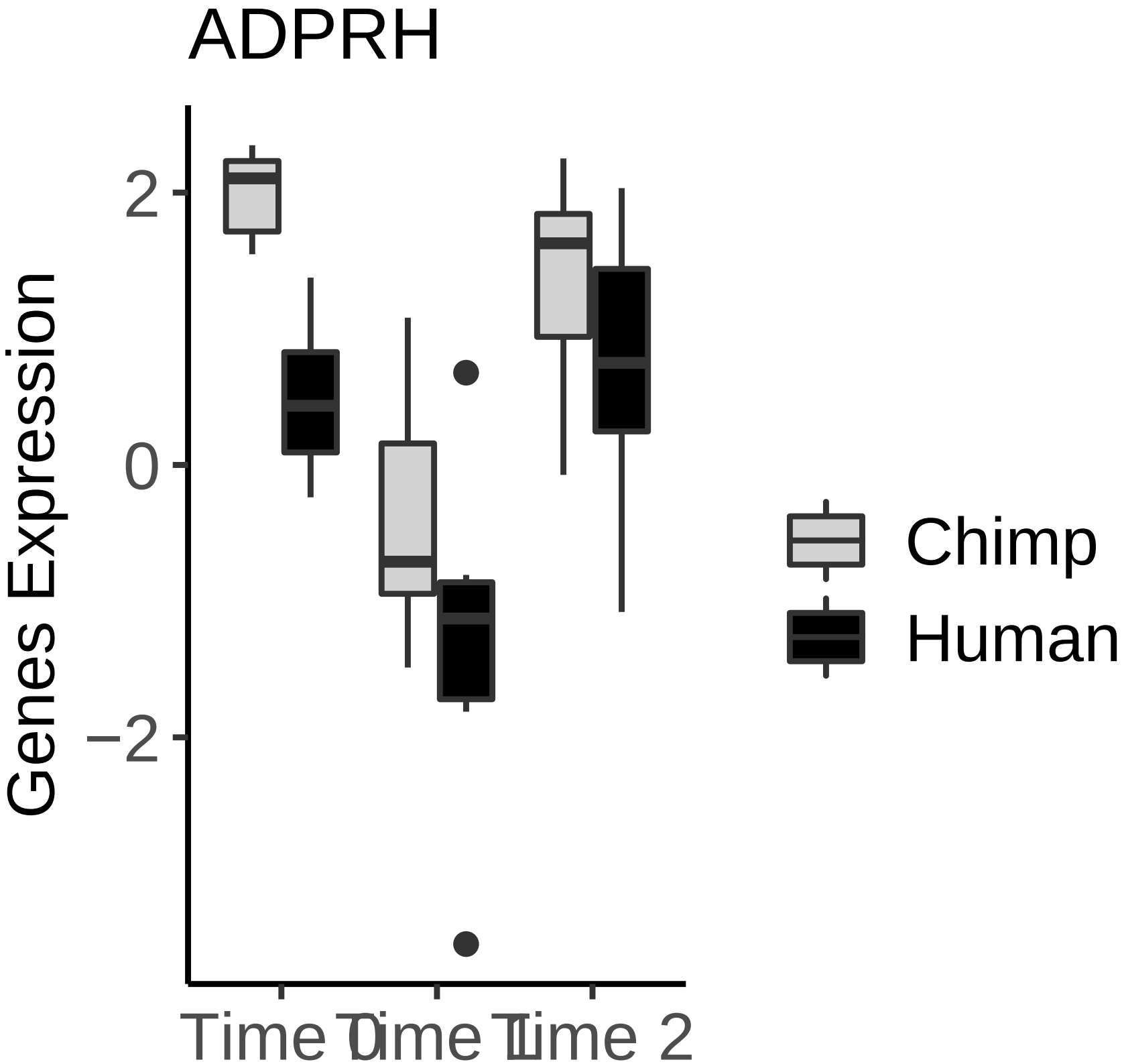
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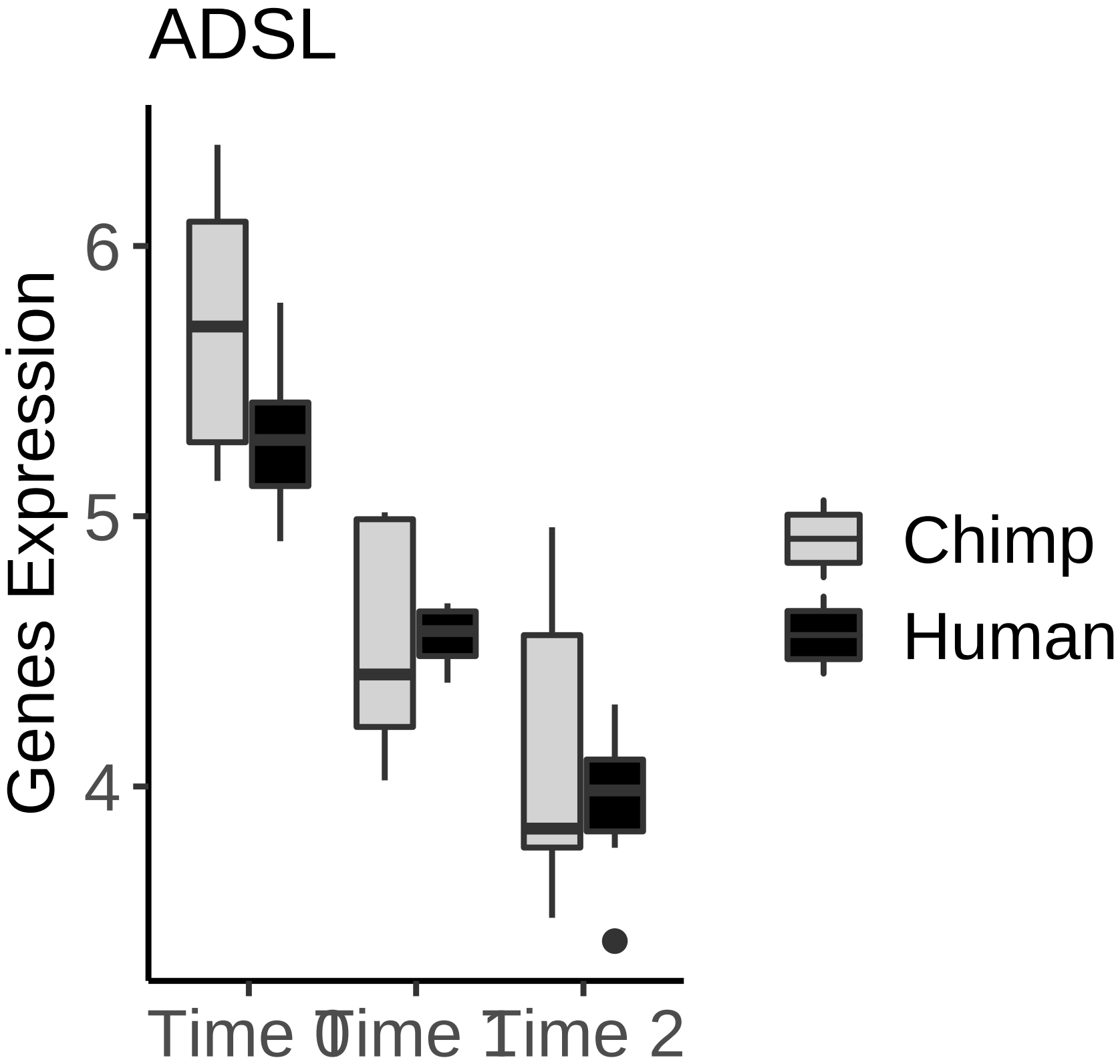
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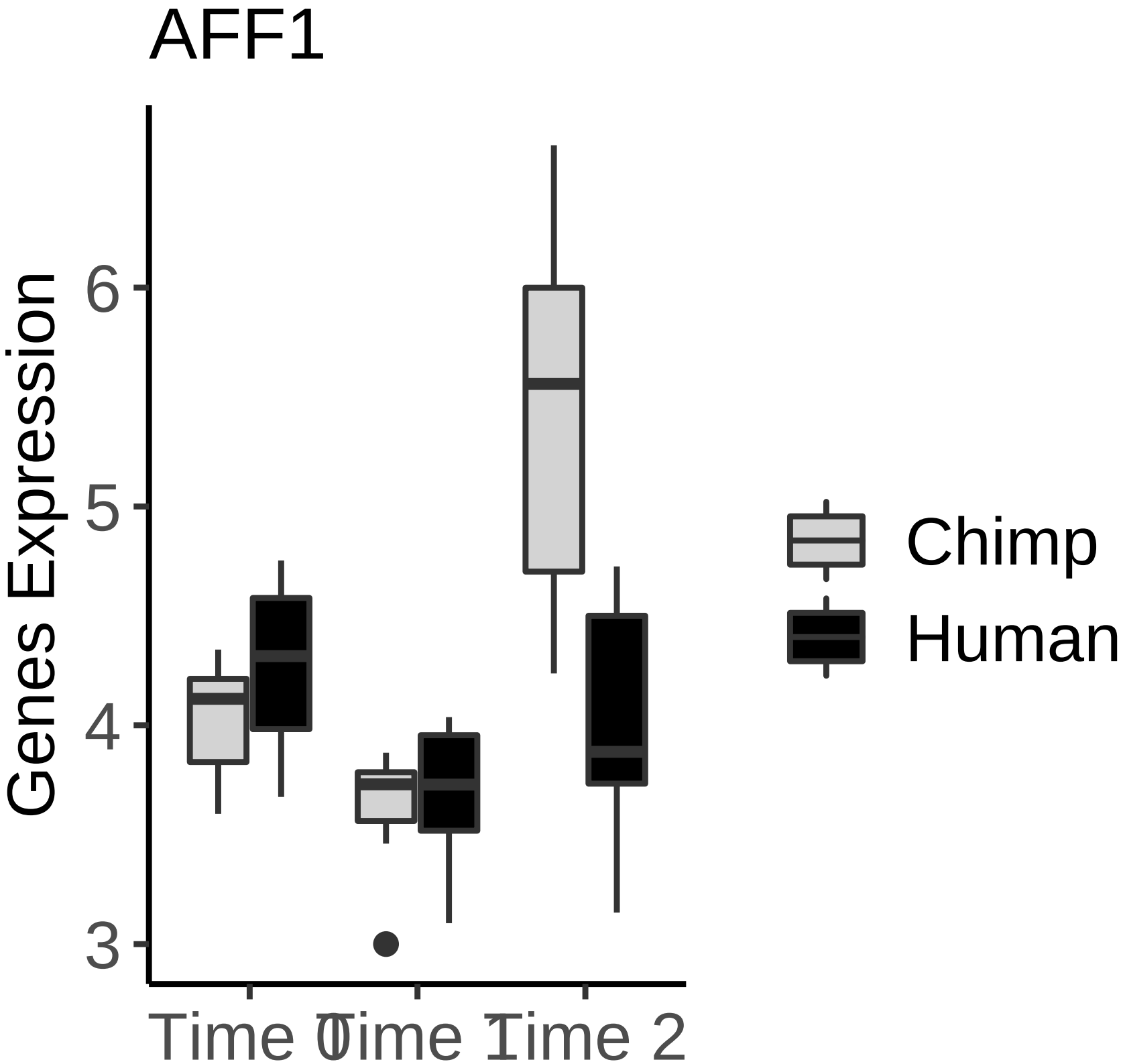
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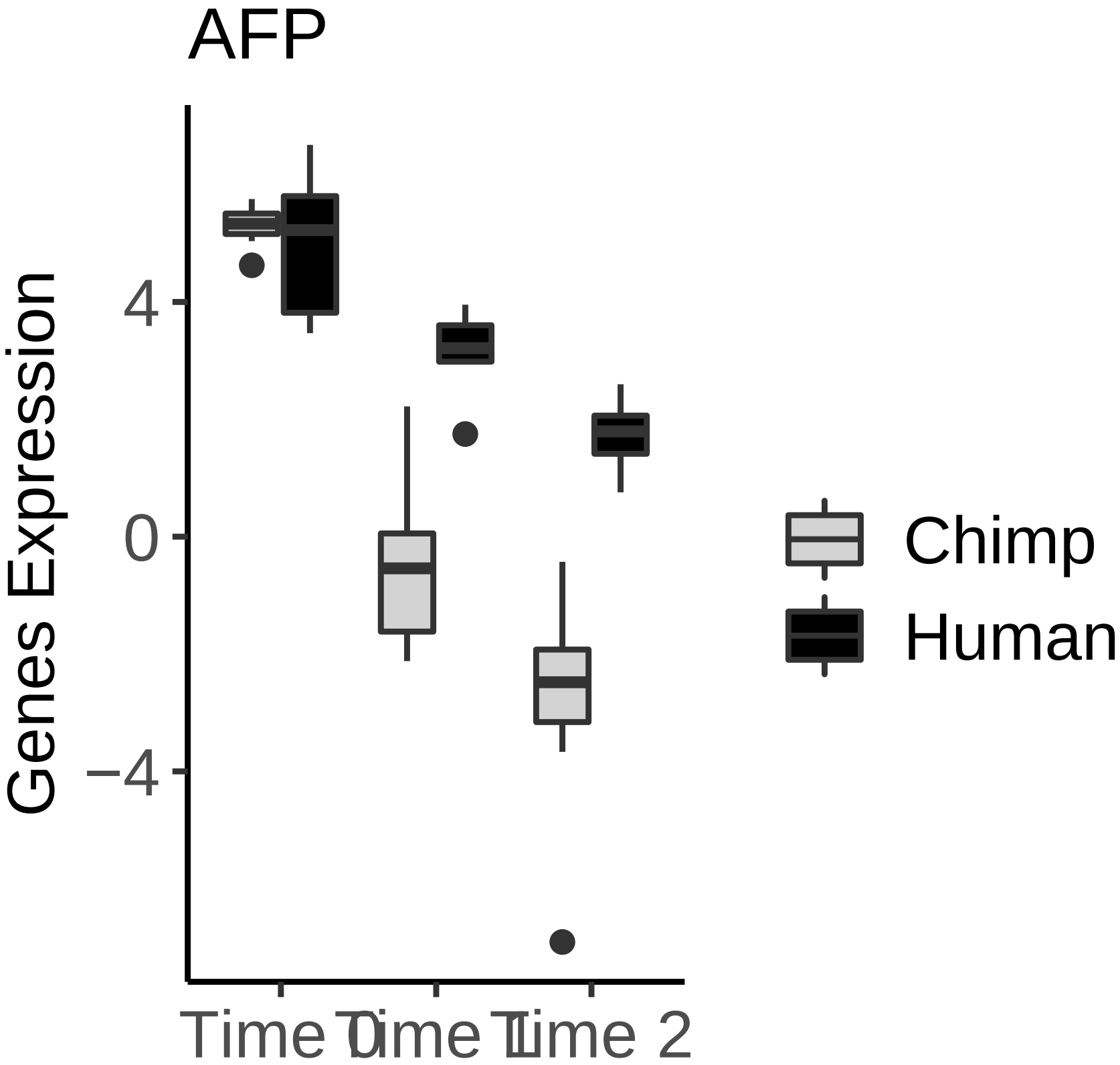
AFP
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Time 2
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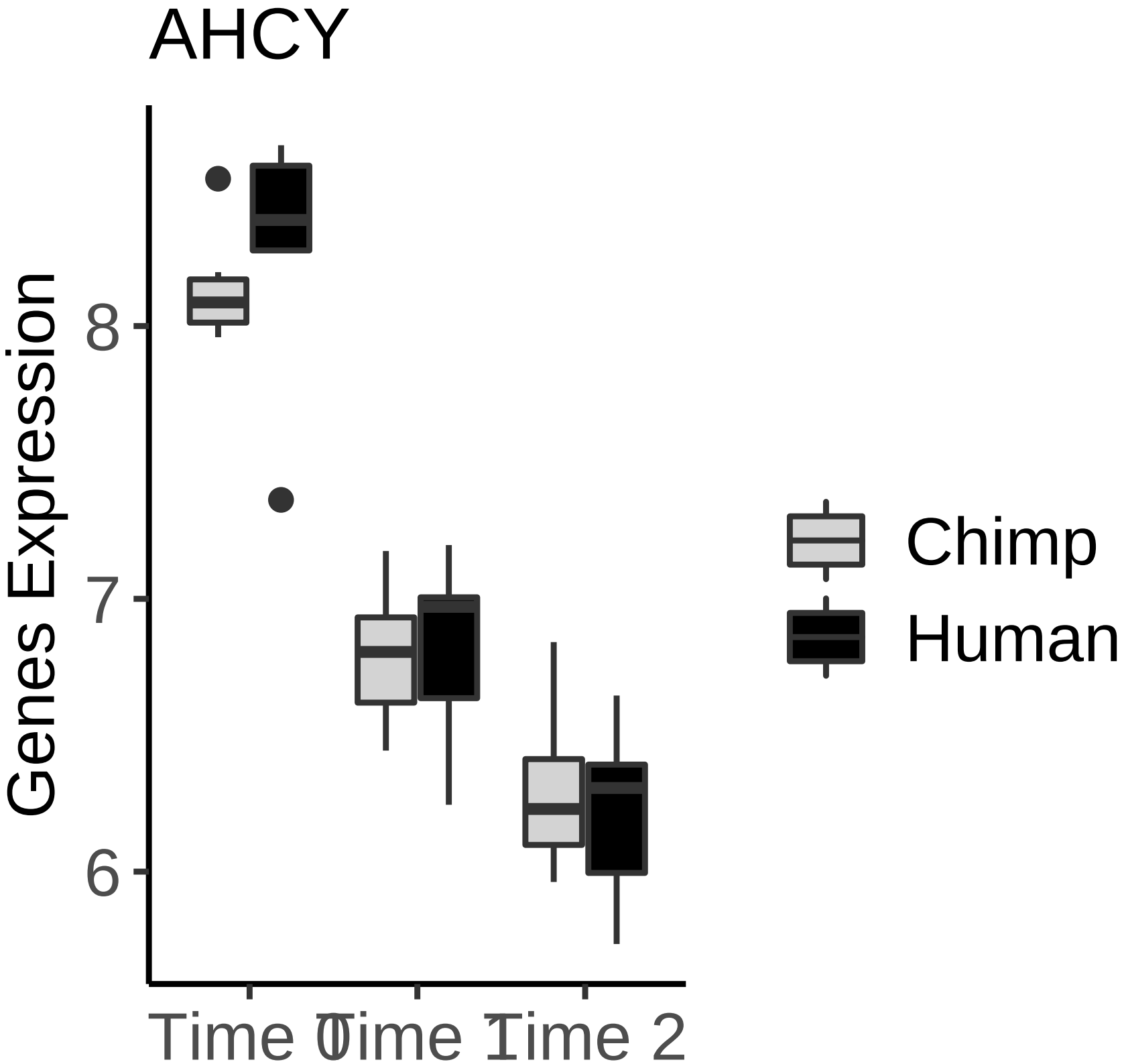
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Chimp
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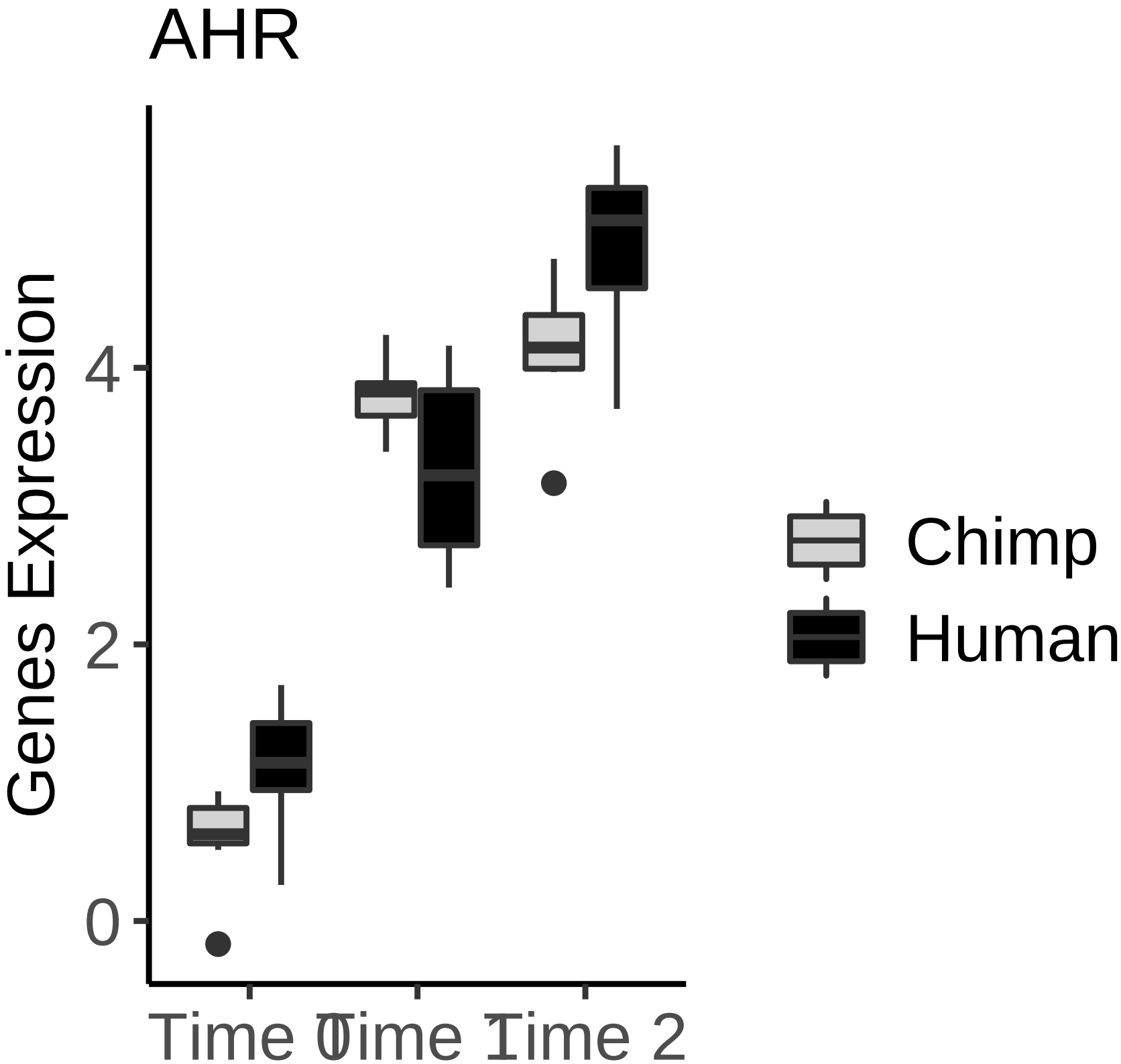
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Time 2
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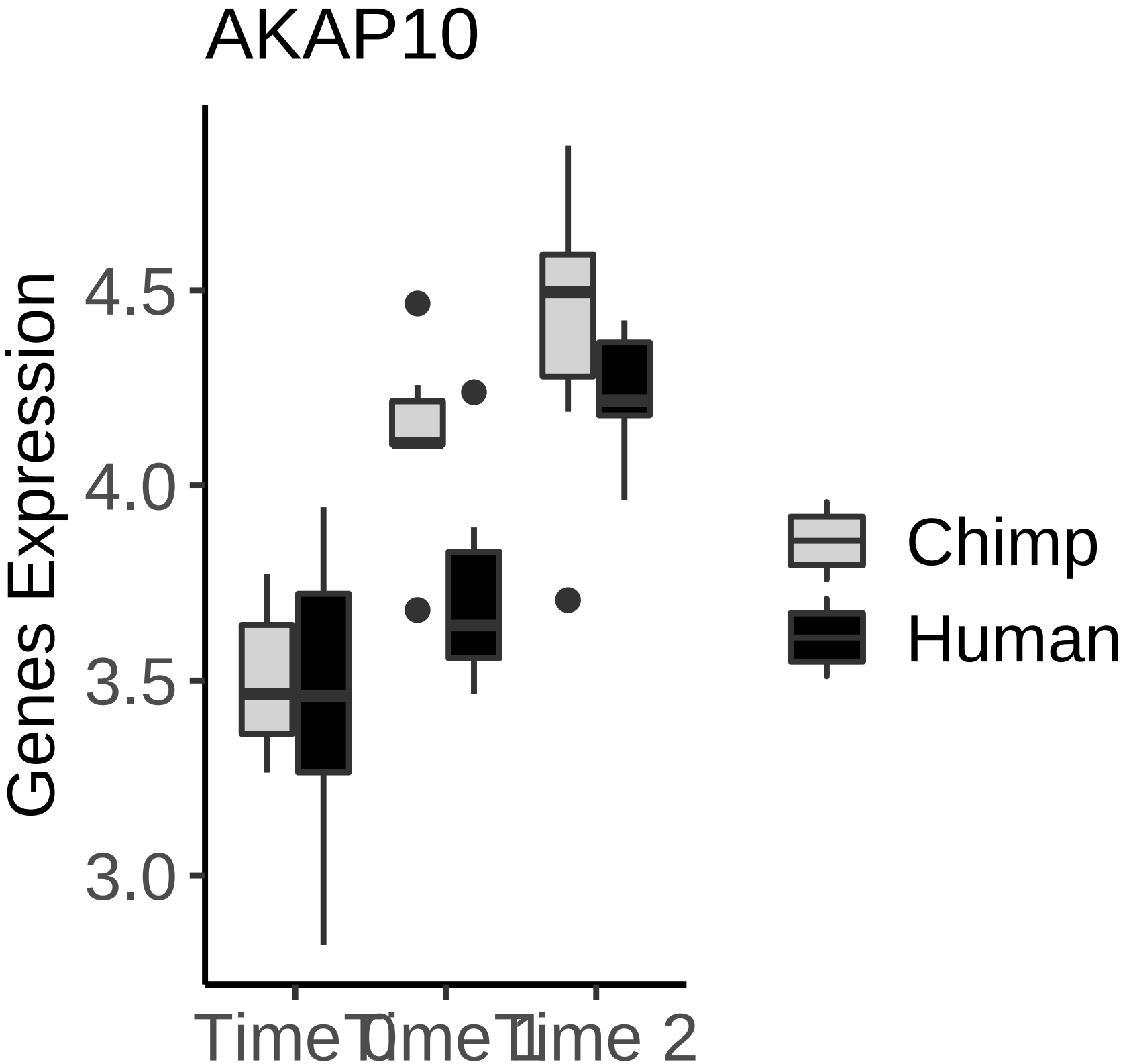
AKAP10
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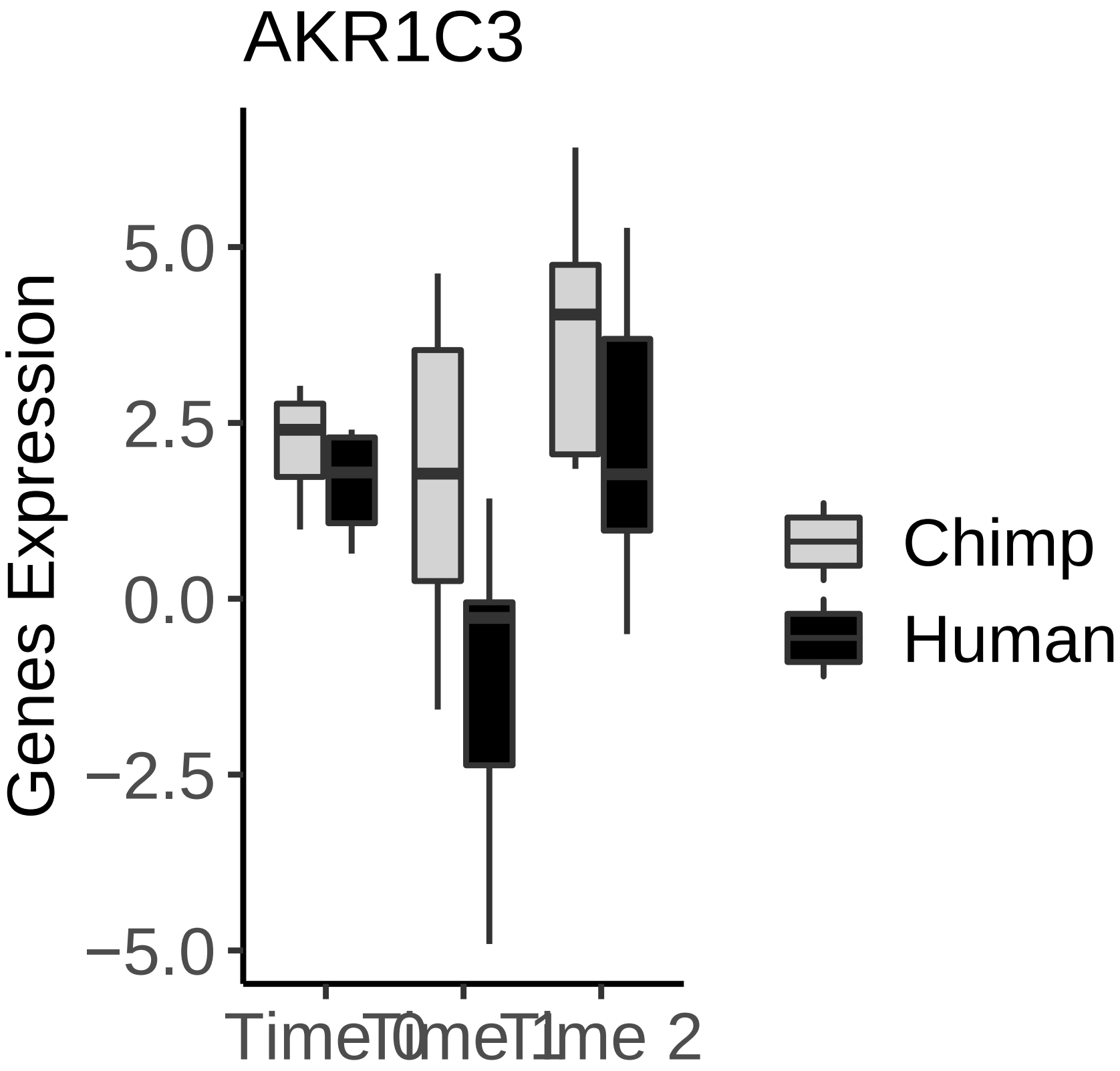
Time 1
Time 2
Chimp
Human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Time 1
Time 2
Chimp
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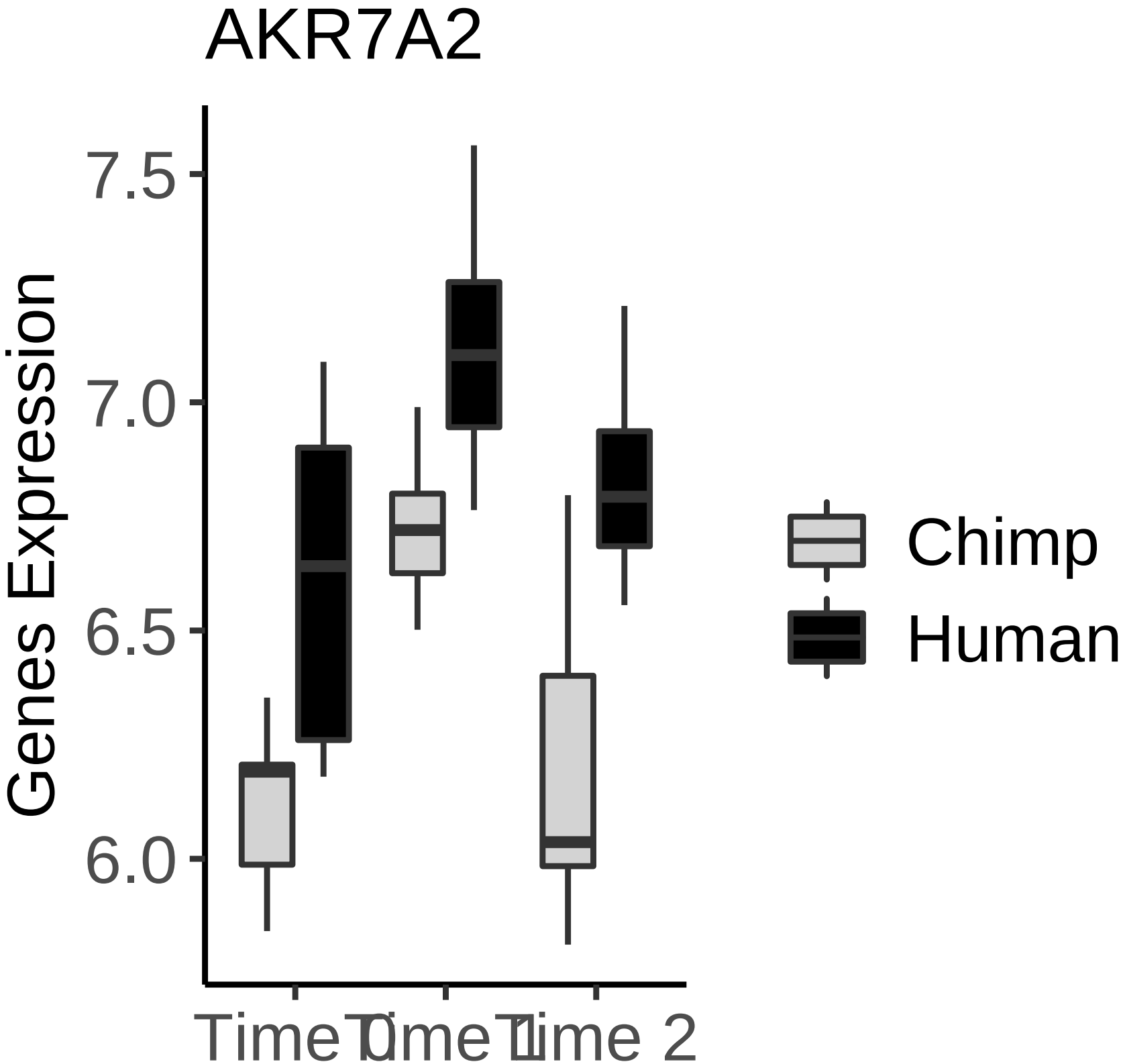
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6.0
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Time 2
Chimp
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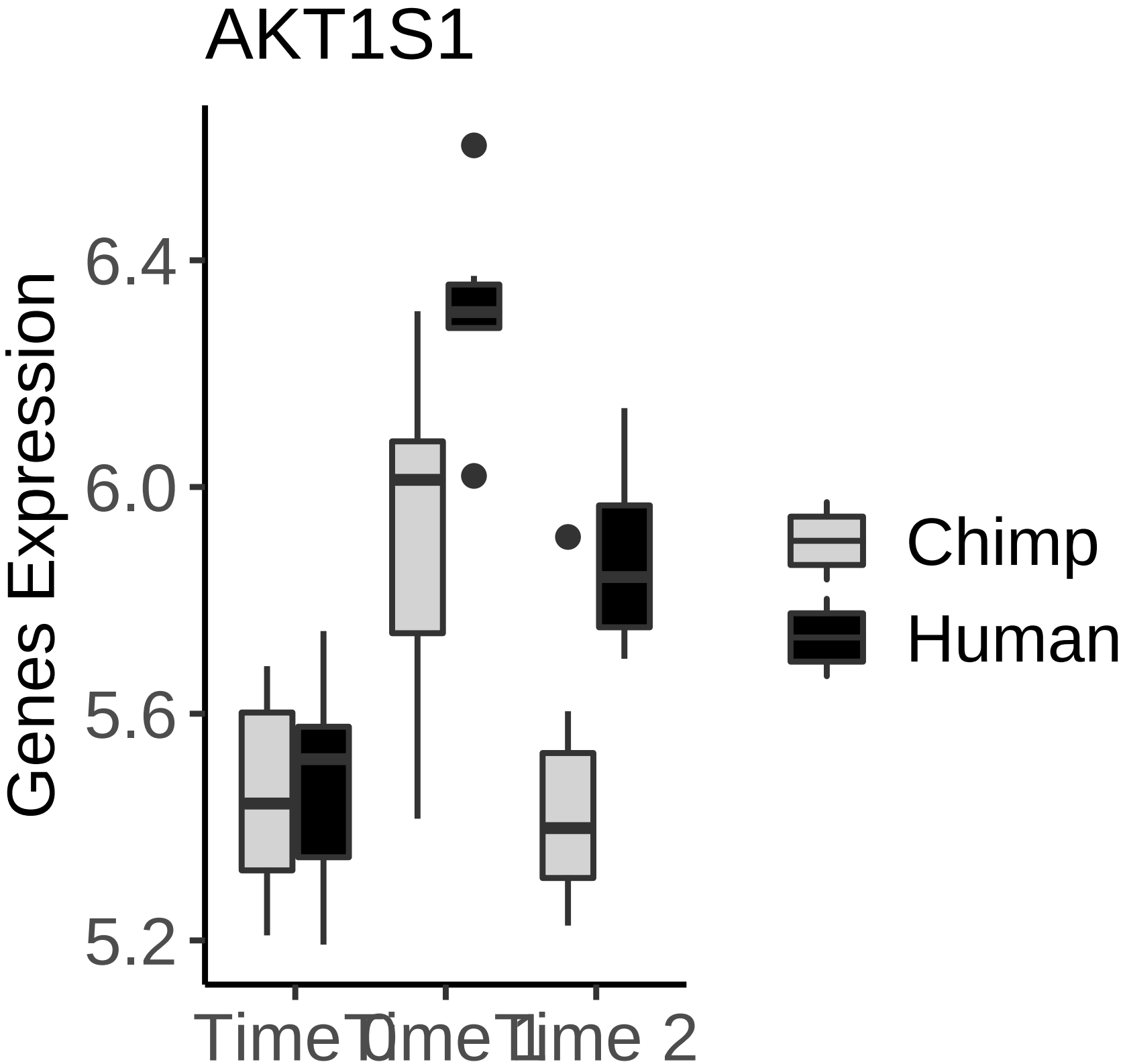
AKT1S1
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Time 2
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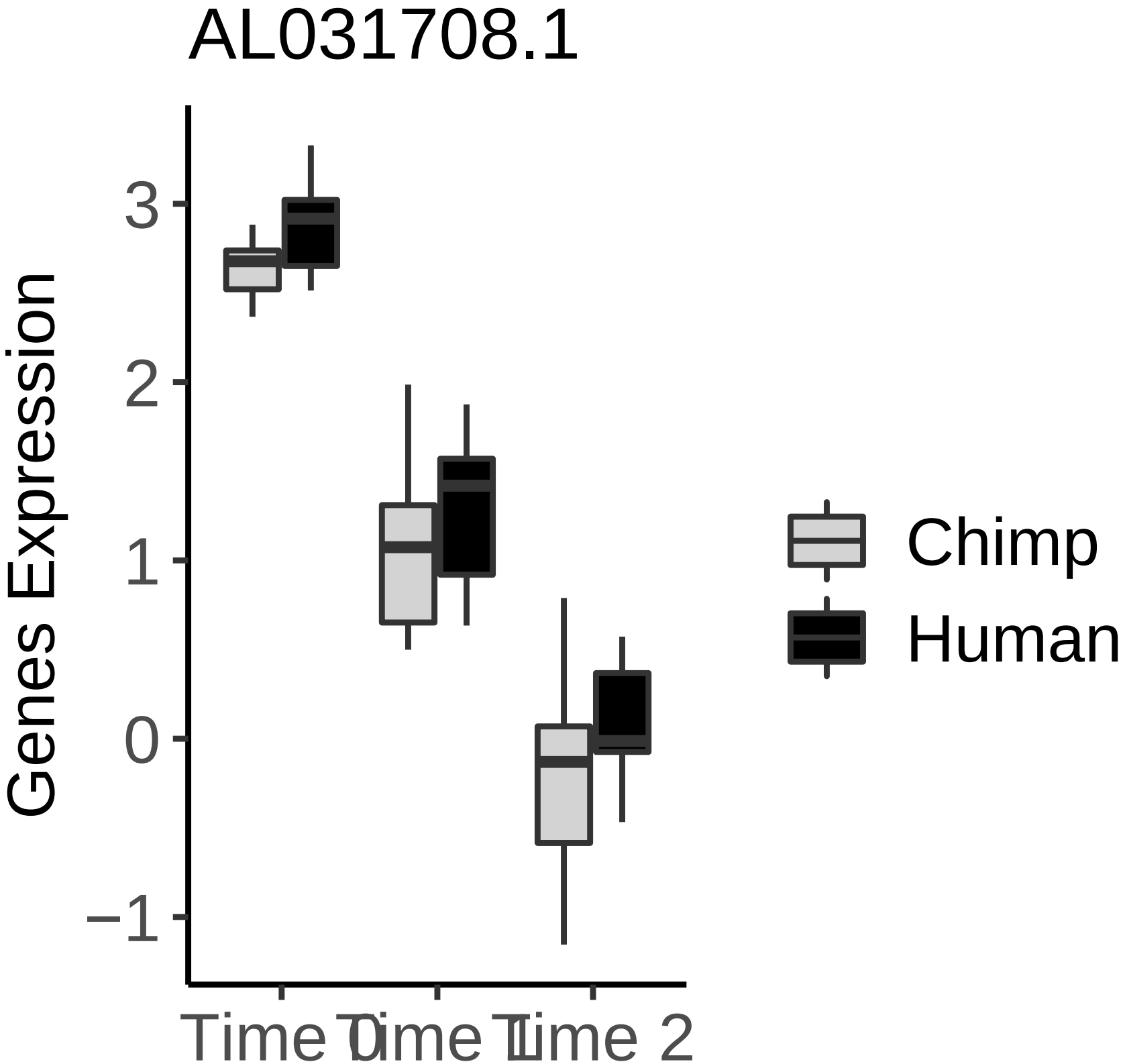
AL031708.1
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3
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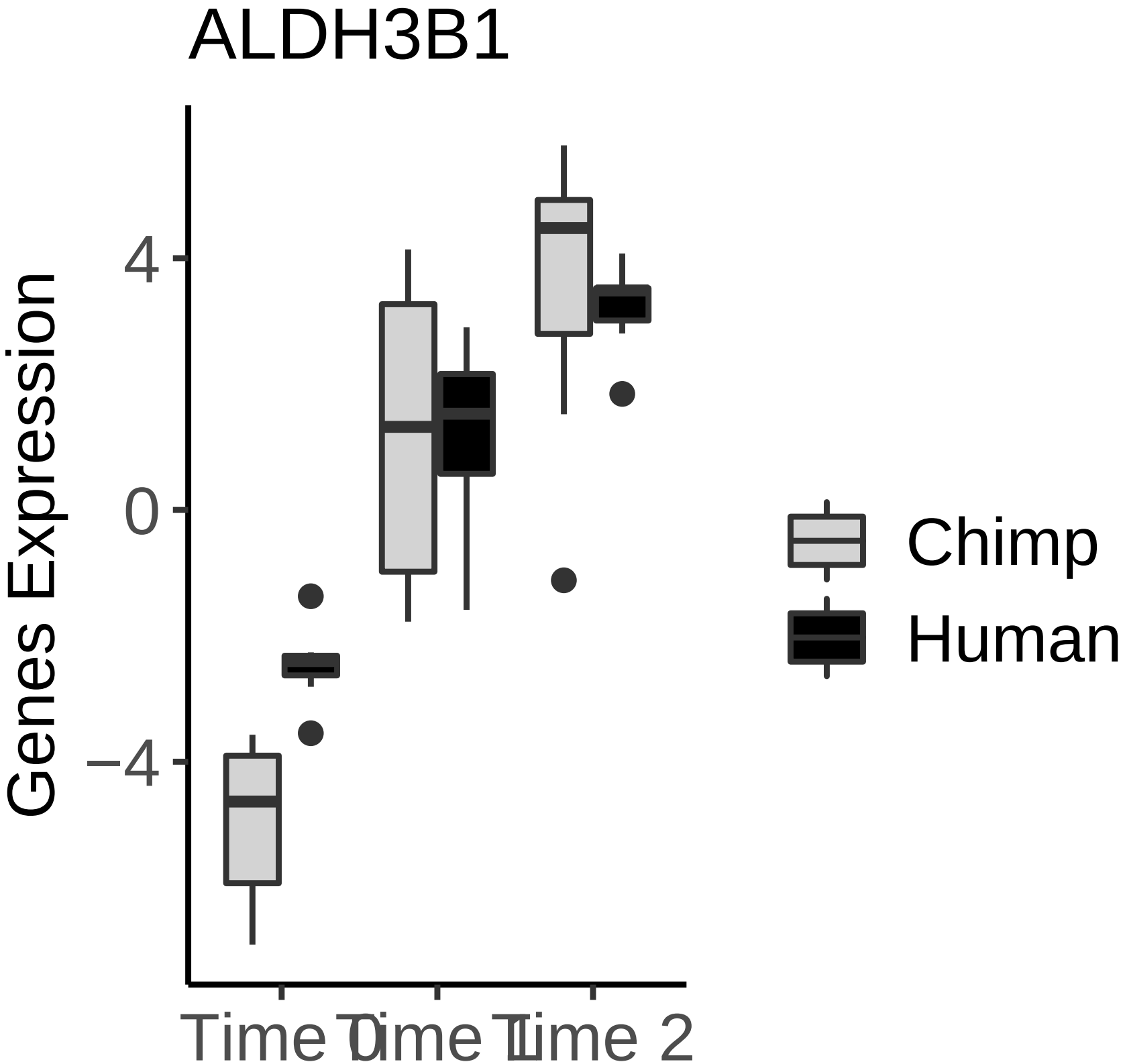
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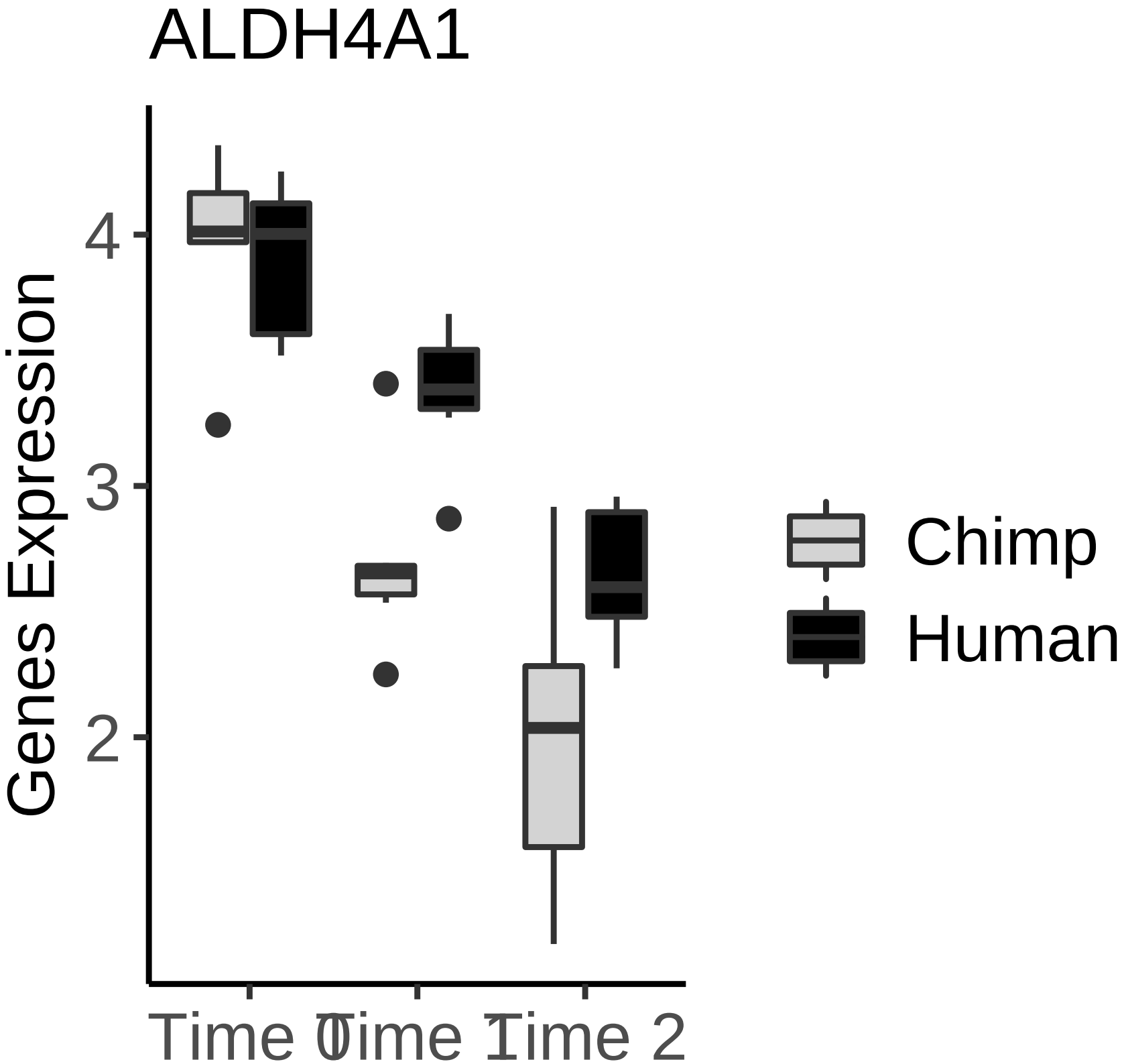
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4
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Time 2
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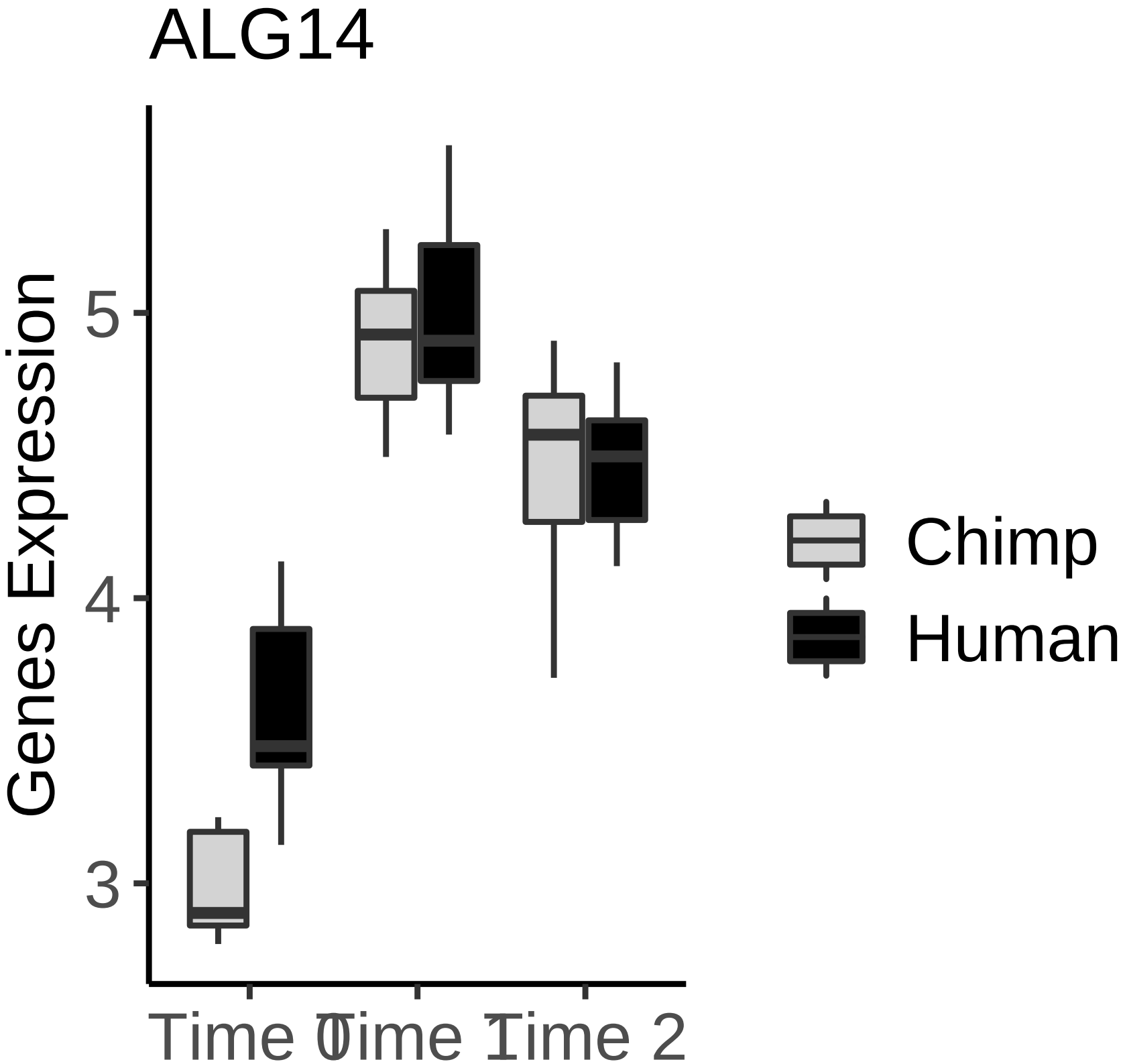
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Chimp
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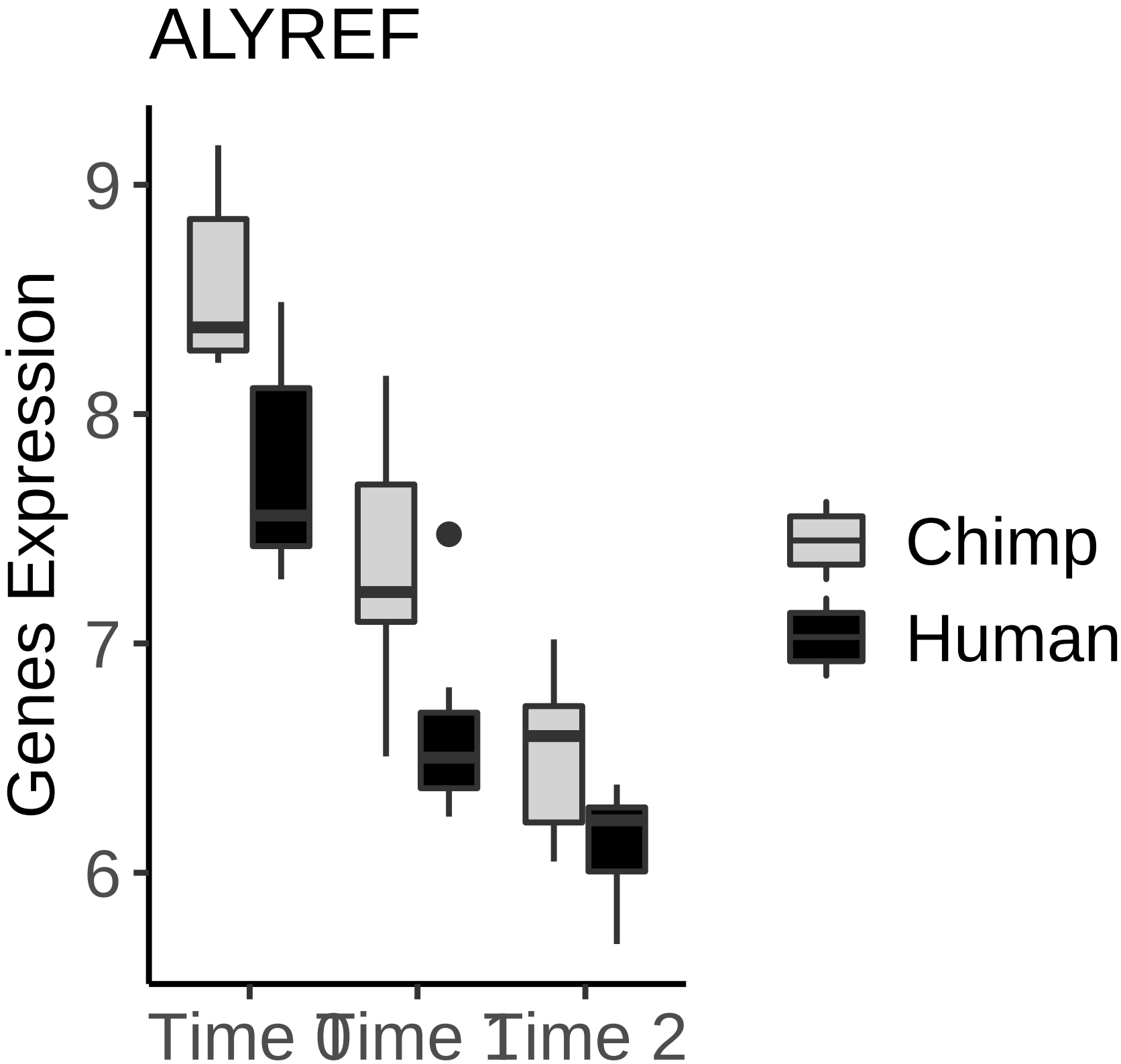
ALYREF
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9
8
7
6
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Time 2
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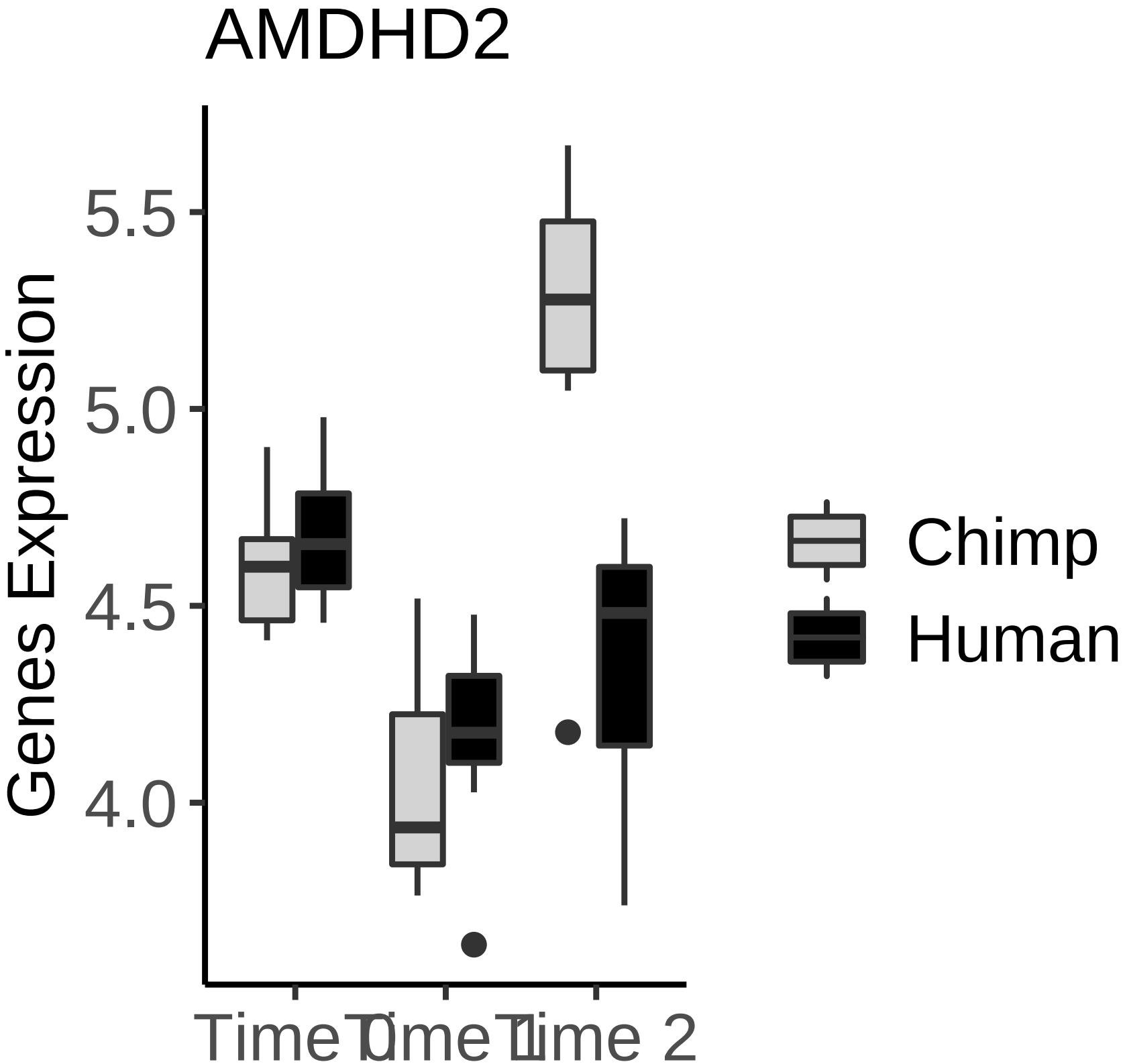
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4.0
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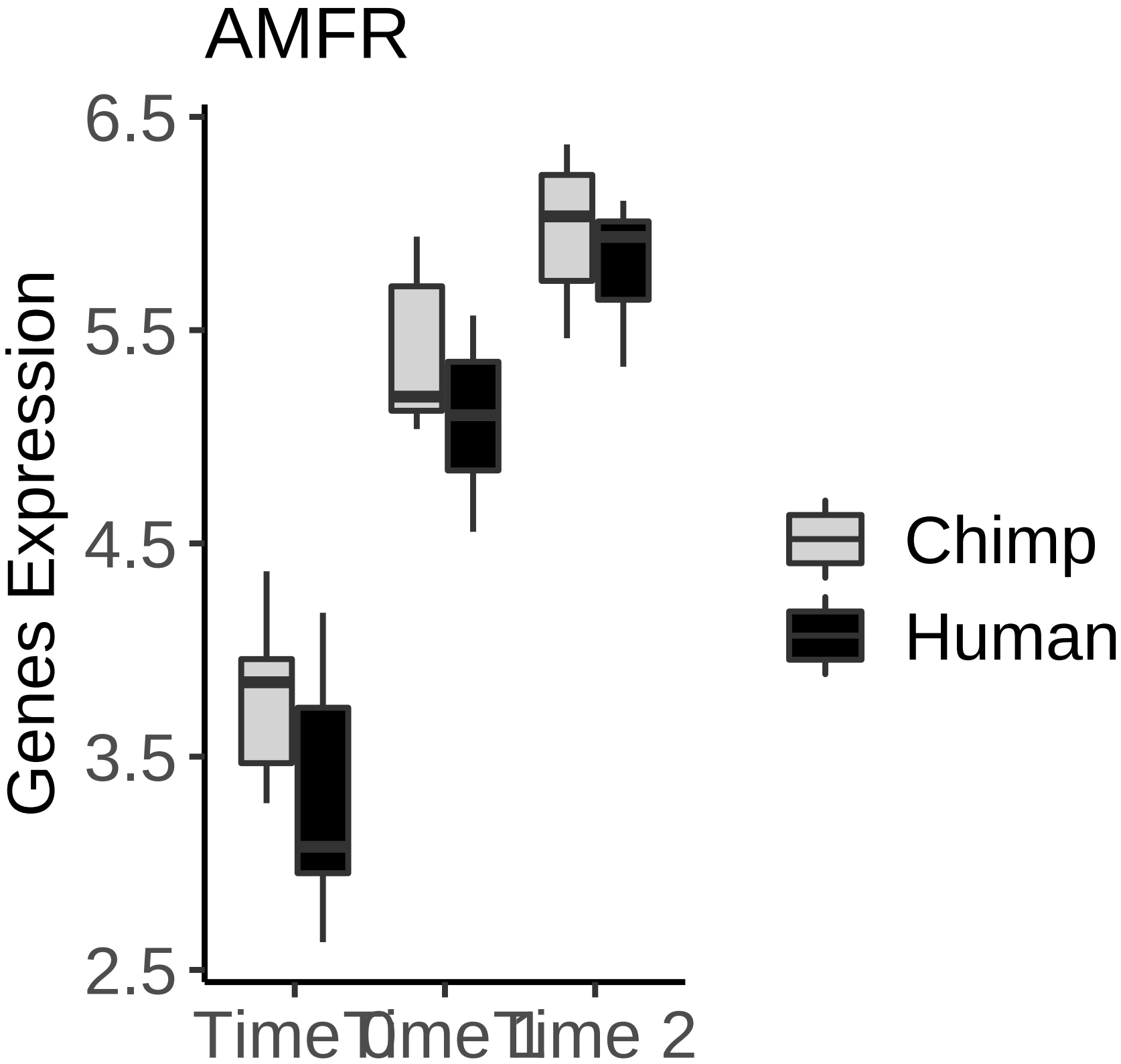
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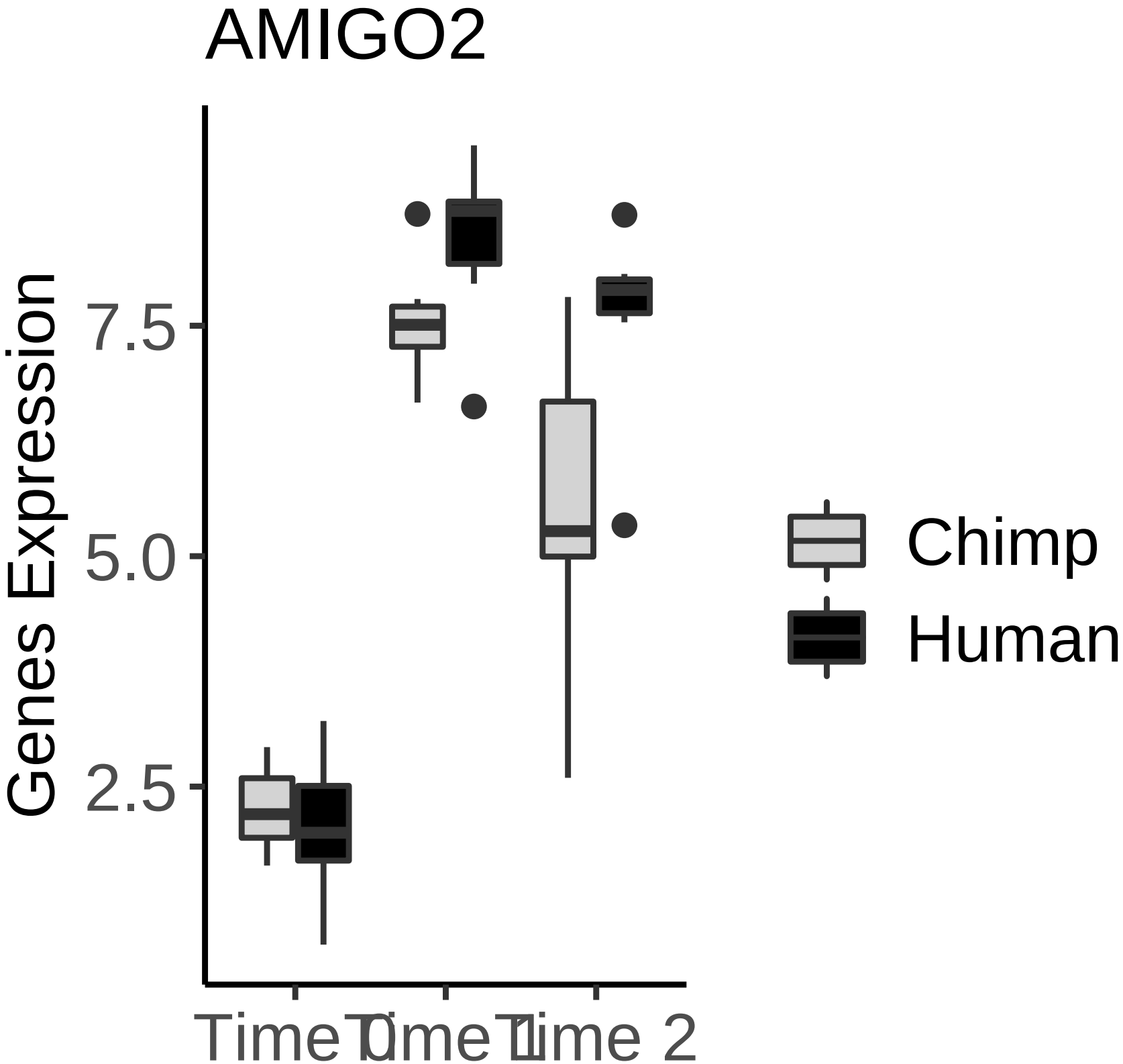
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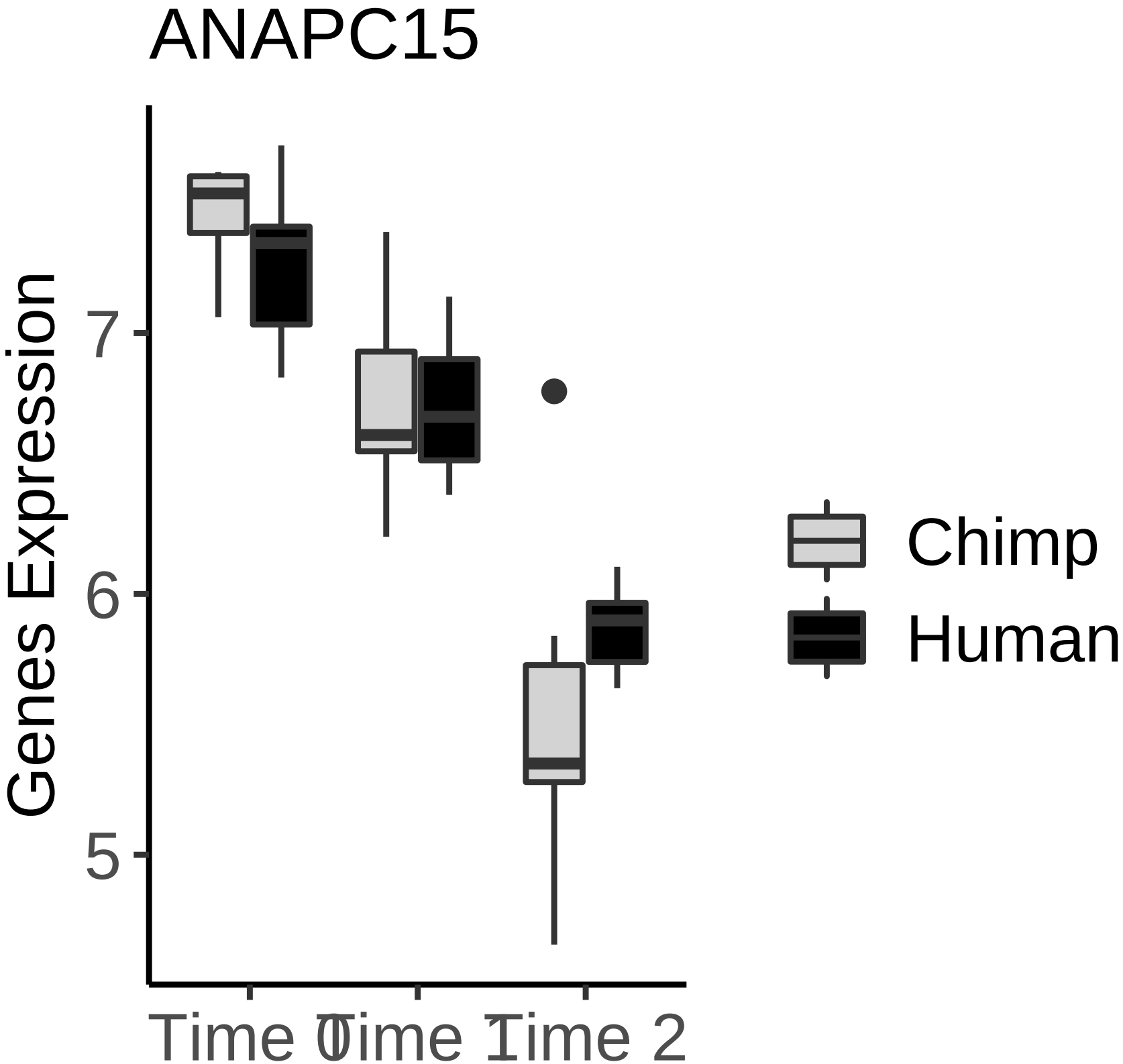
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Genes Expression
7
6
5
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Time 1
Time 2
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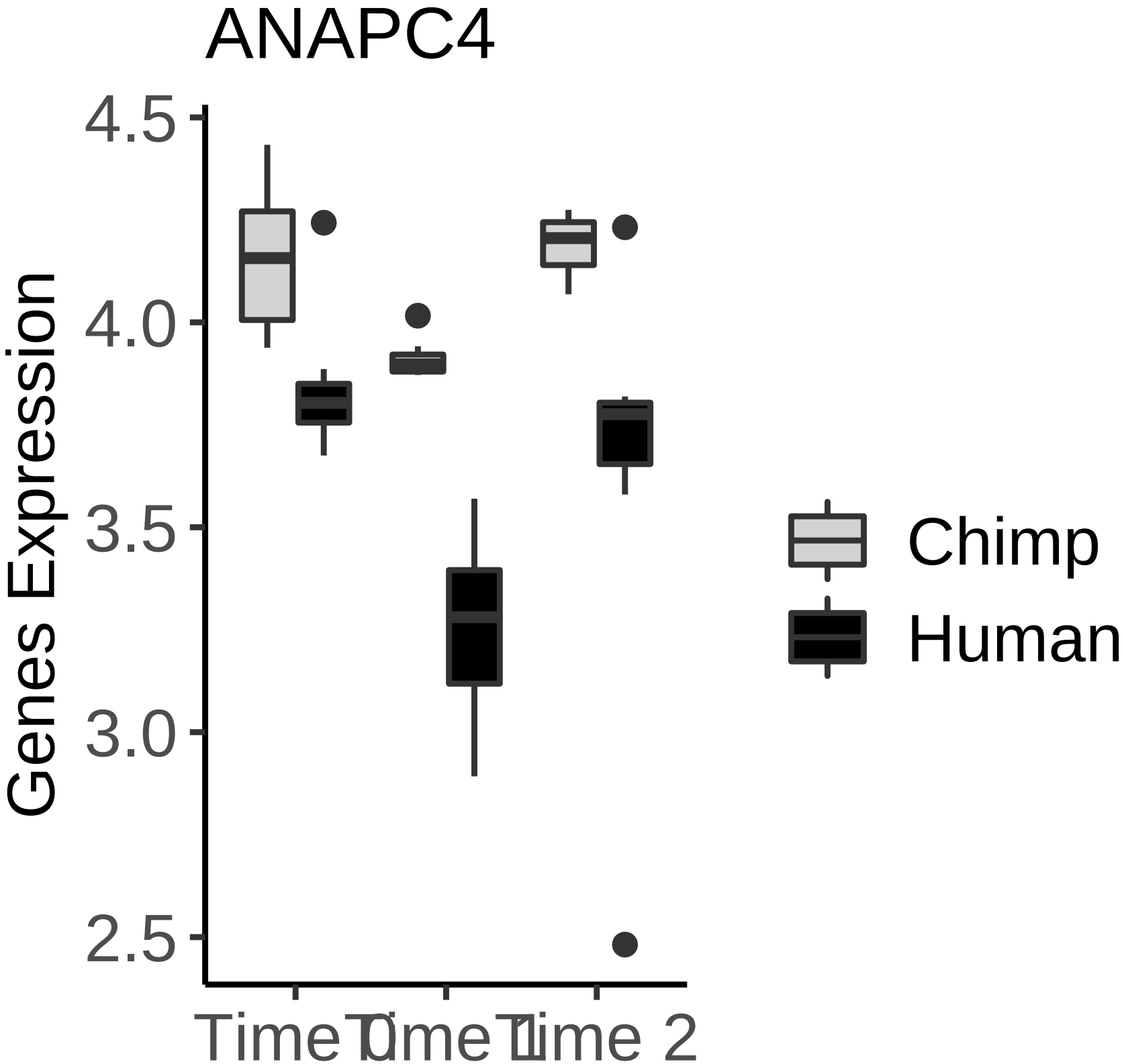
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3.0
2.5
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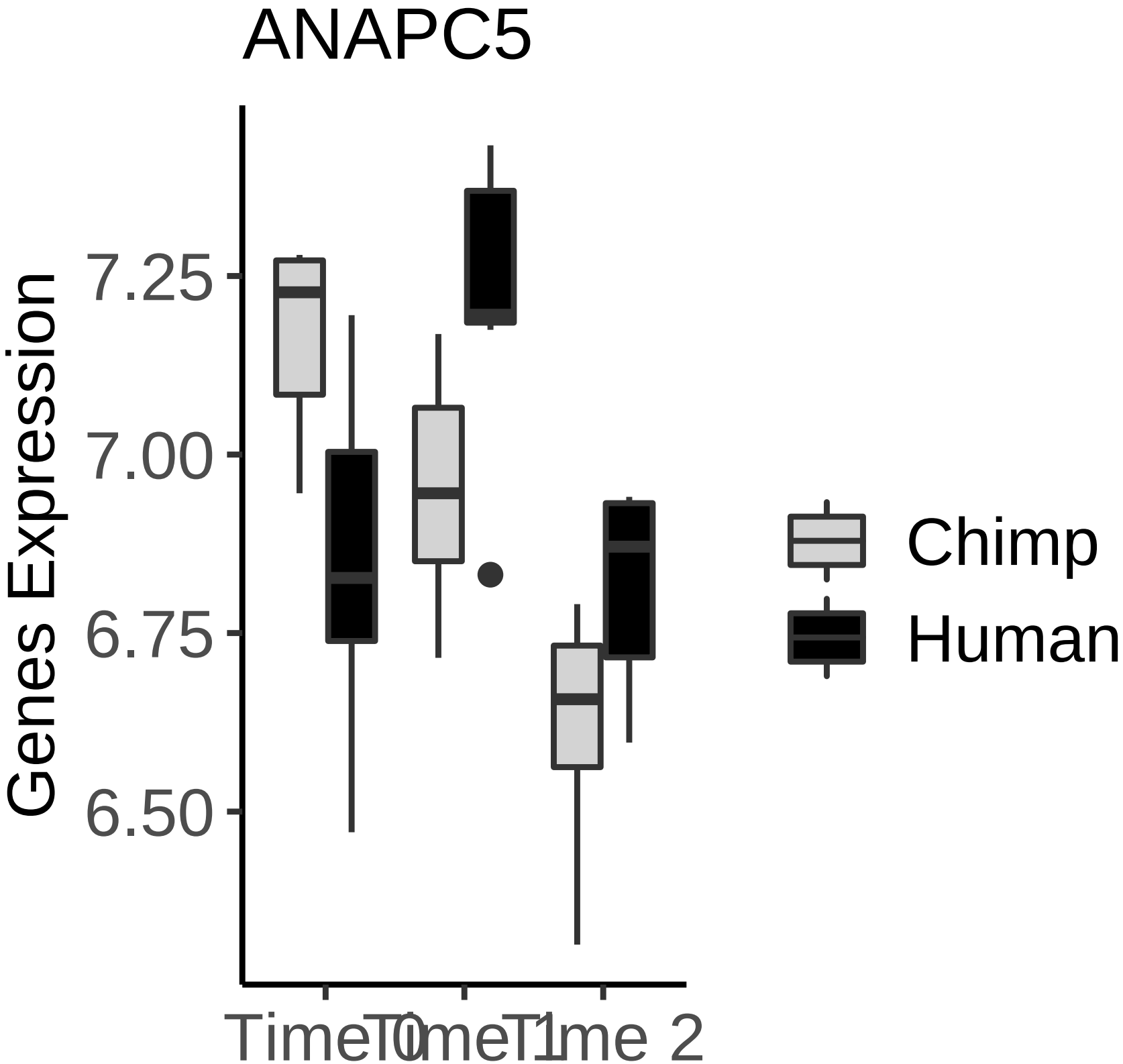
ANAPC5
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6.50
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Time 1
Time 2
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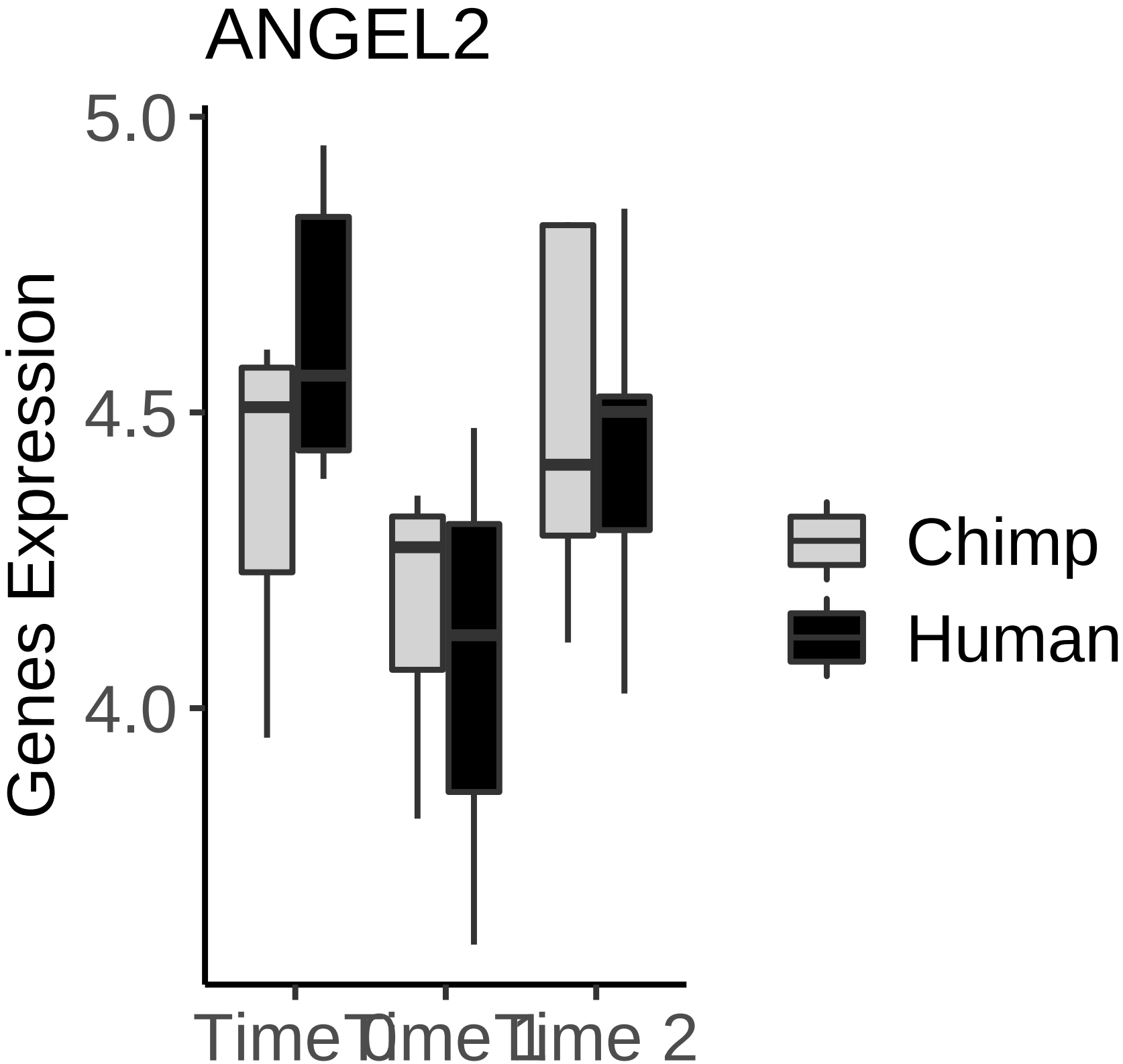
ANGEL2
Genes Expression
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Time 2
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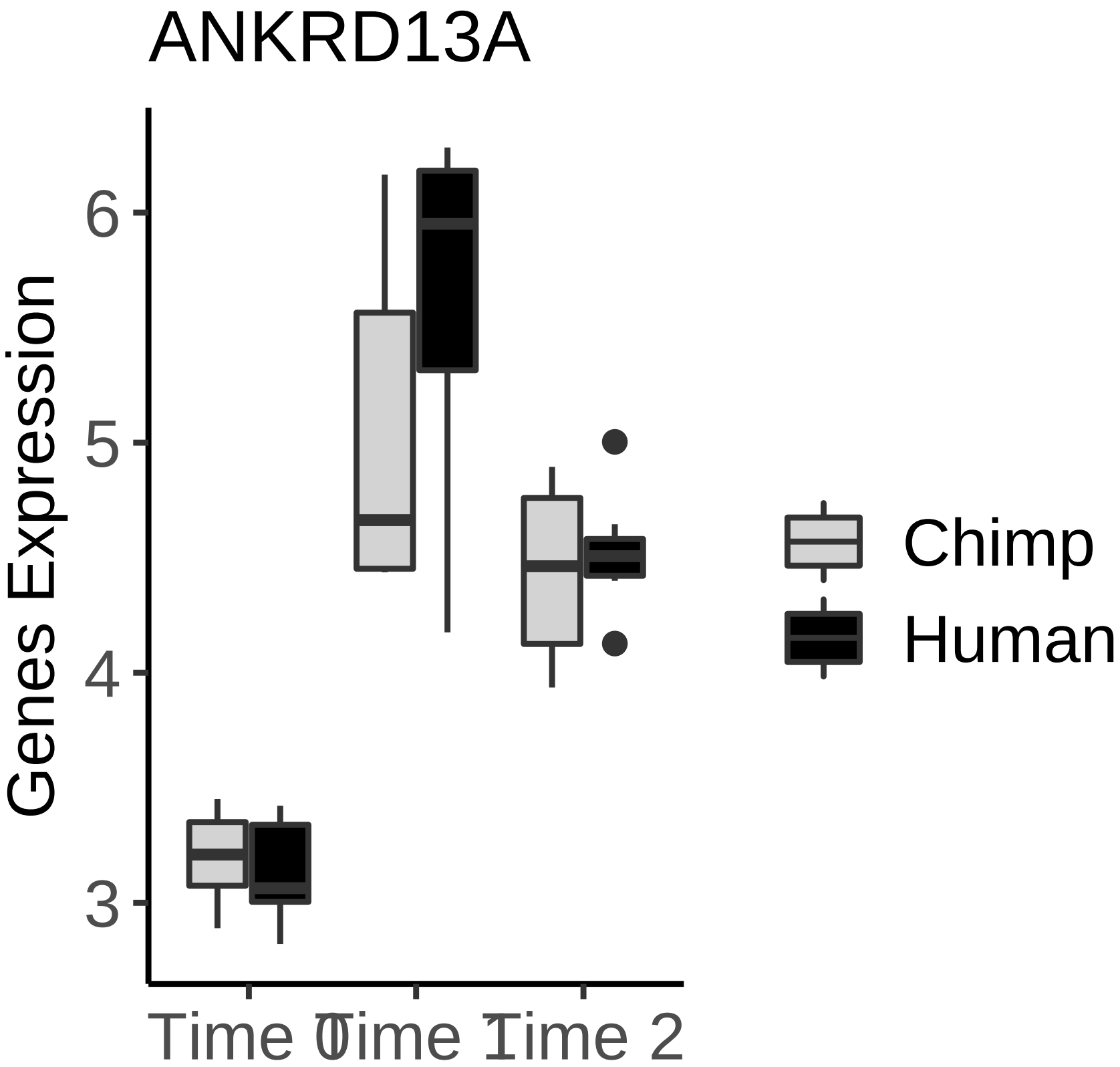
ANKRD13A
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Time 2
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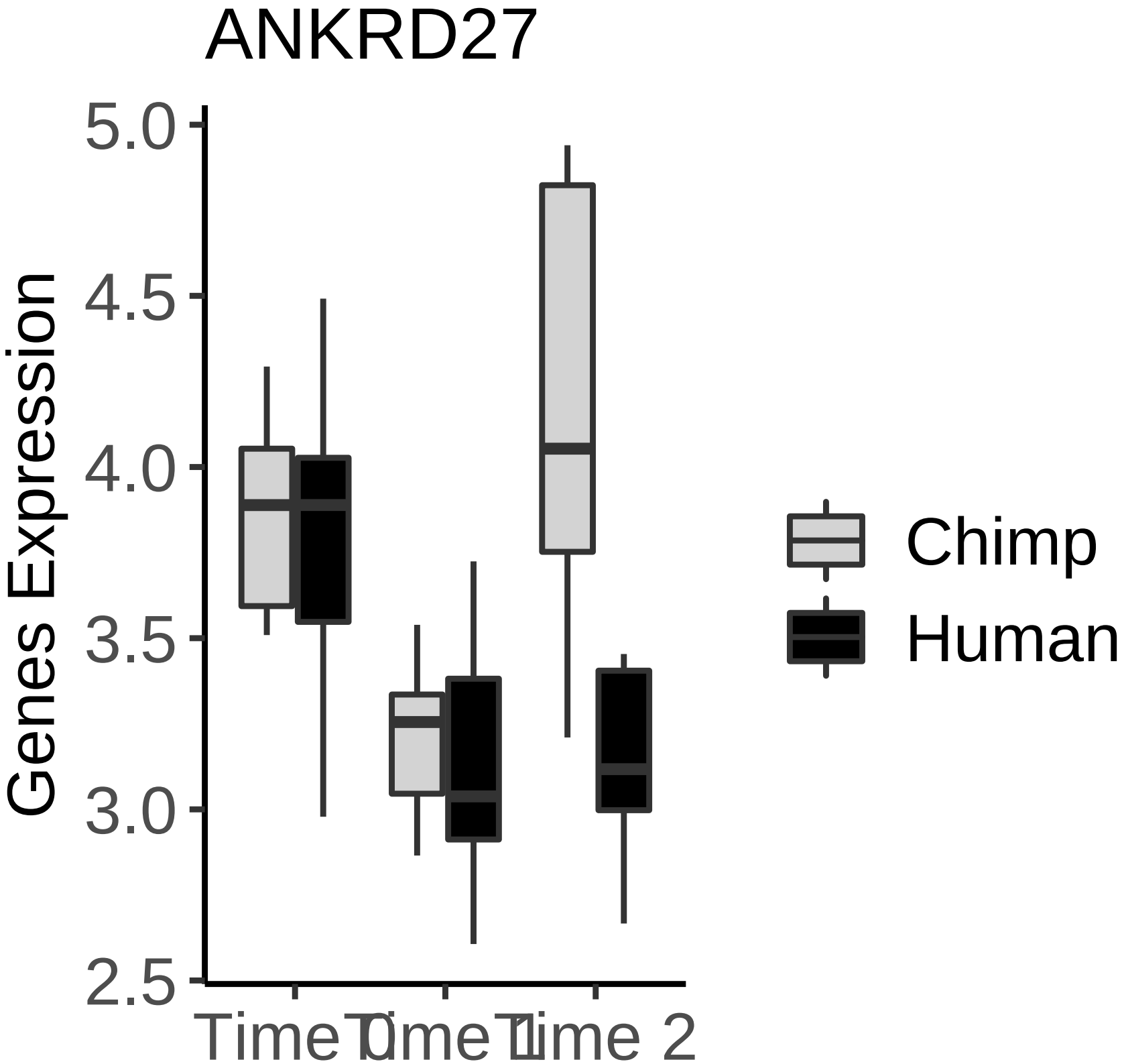
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3.0
2.5
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Time 1
Time 2
Chimp
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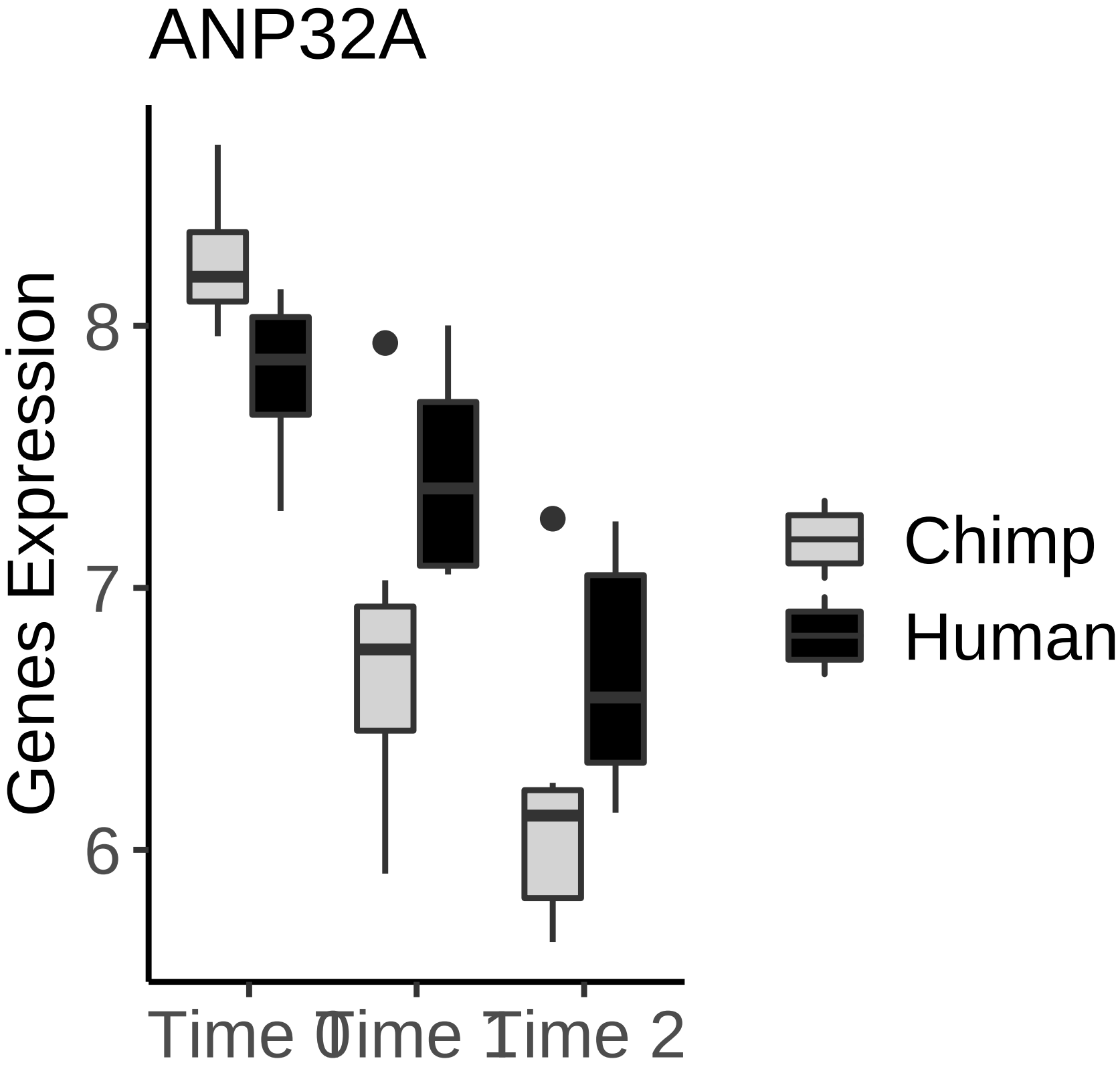
ANP32A
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8
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6
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Time 2
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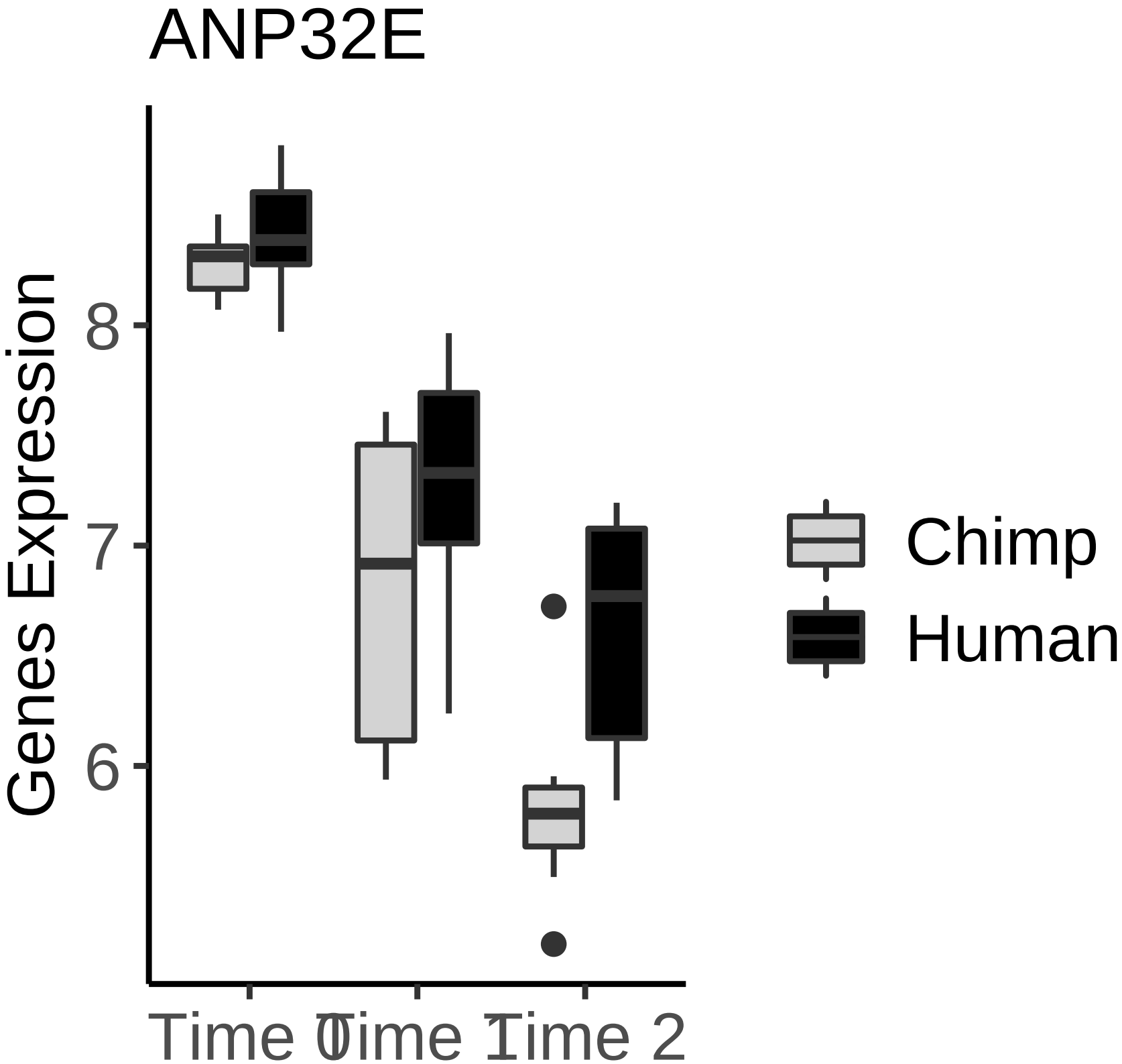
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6
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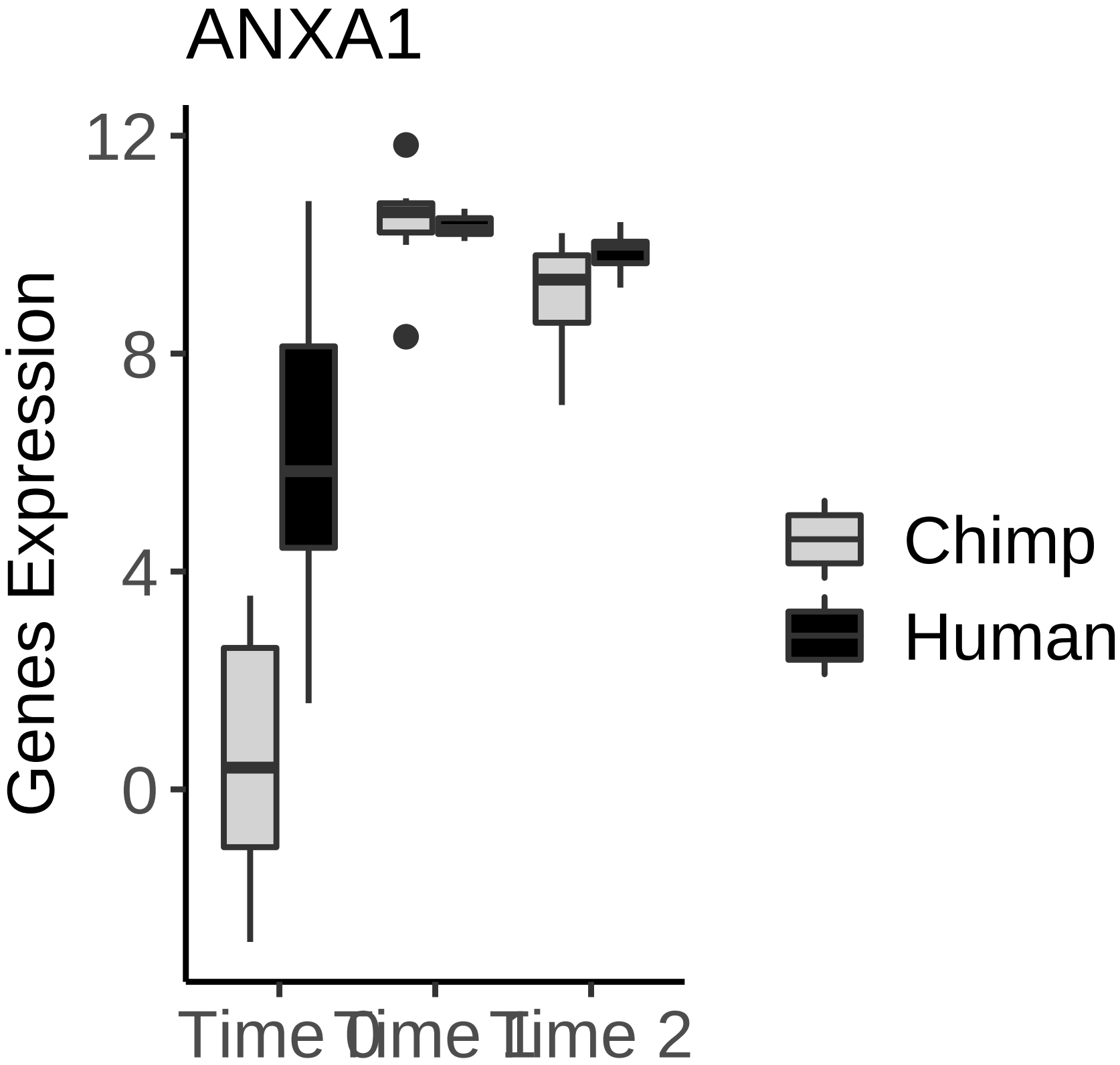
Time 2
Chimp
Human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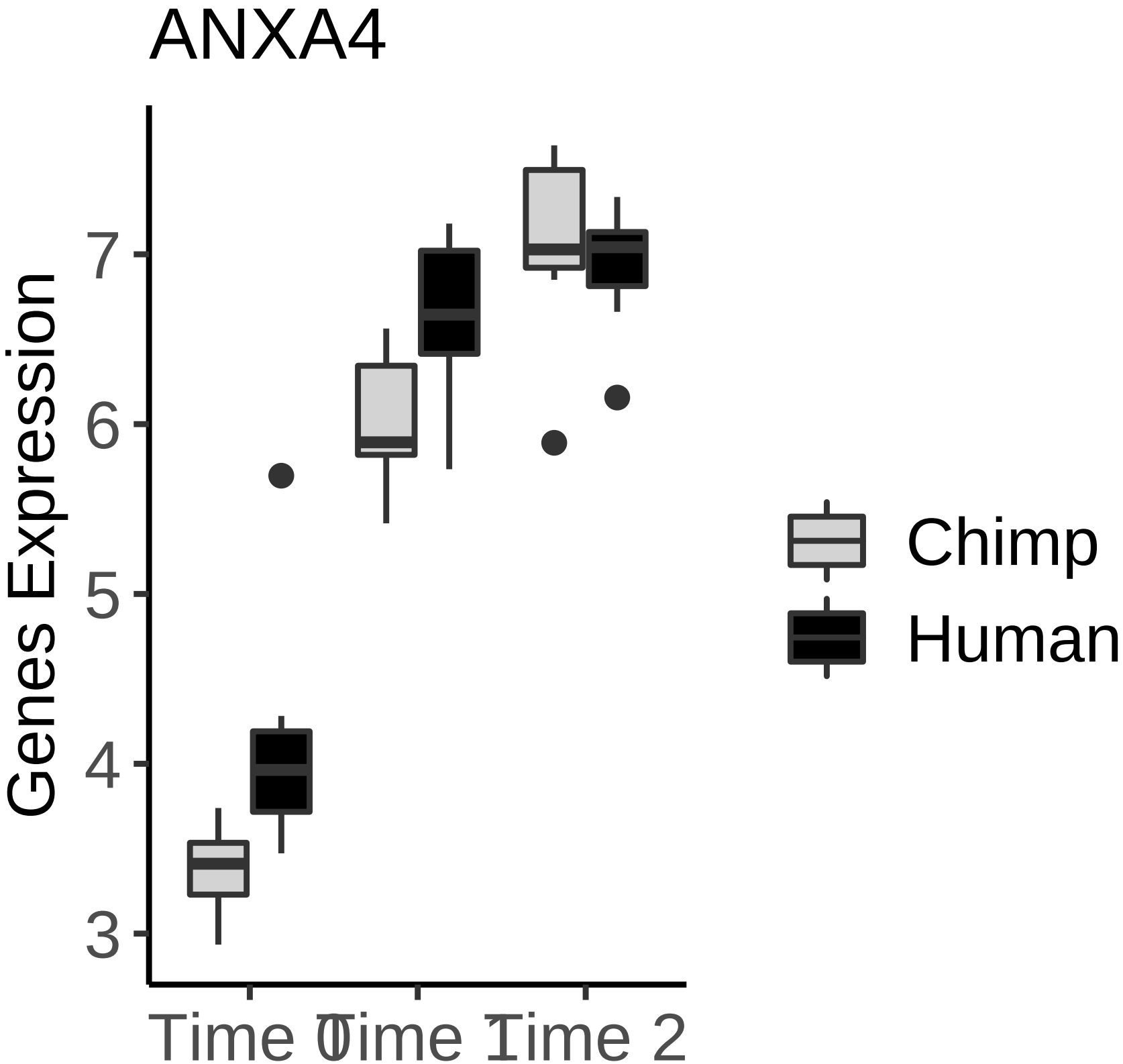
ANXA4
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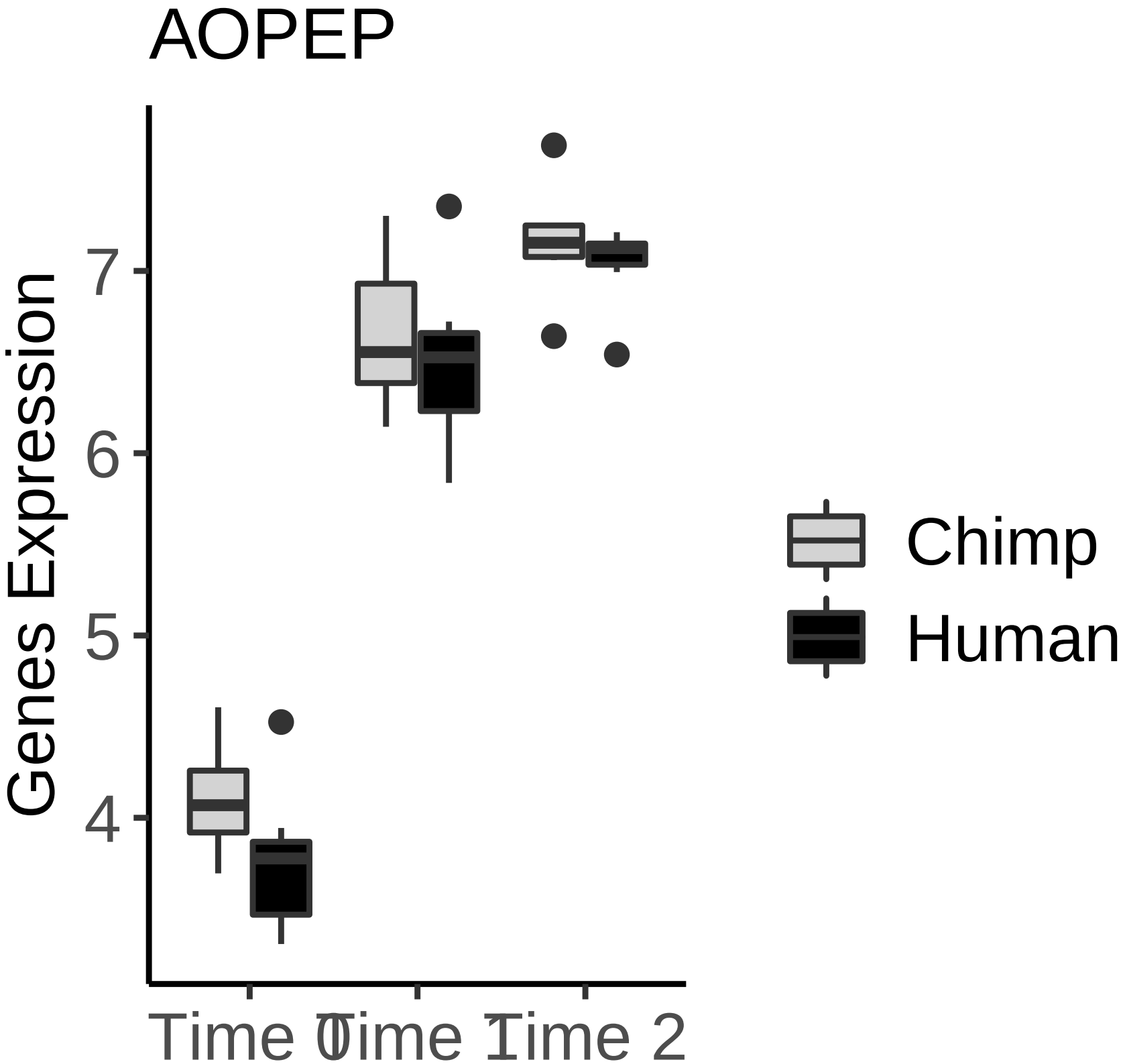
AOPEP
Genes Expression
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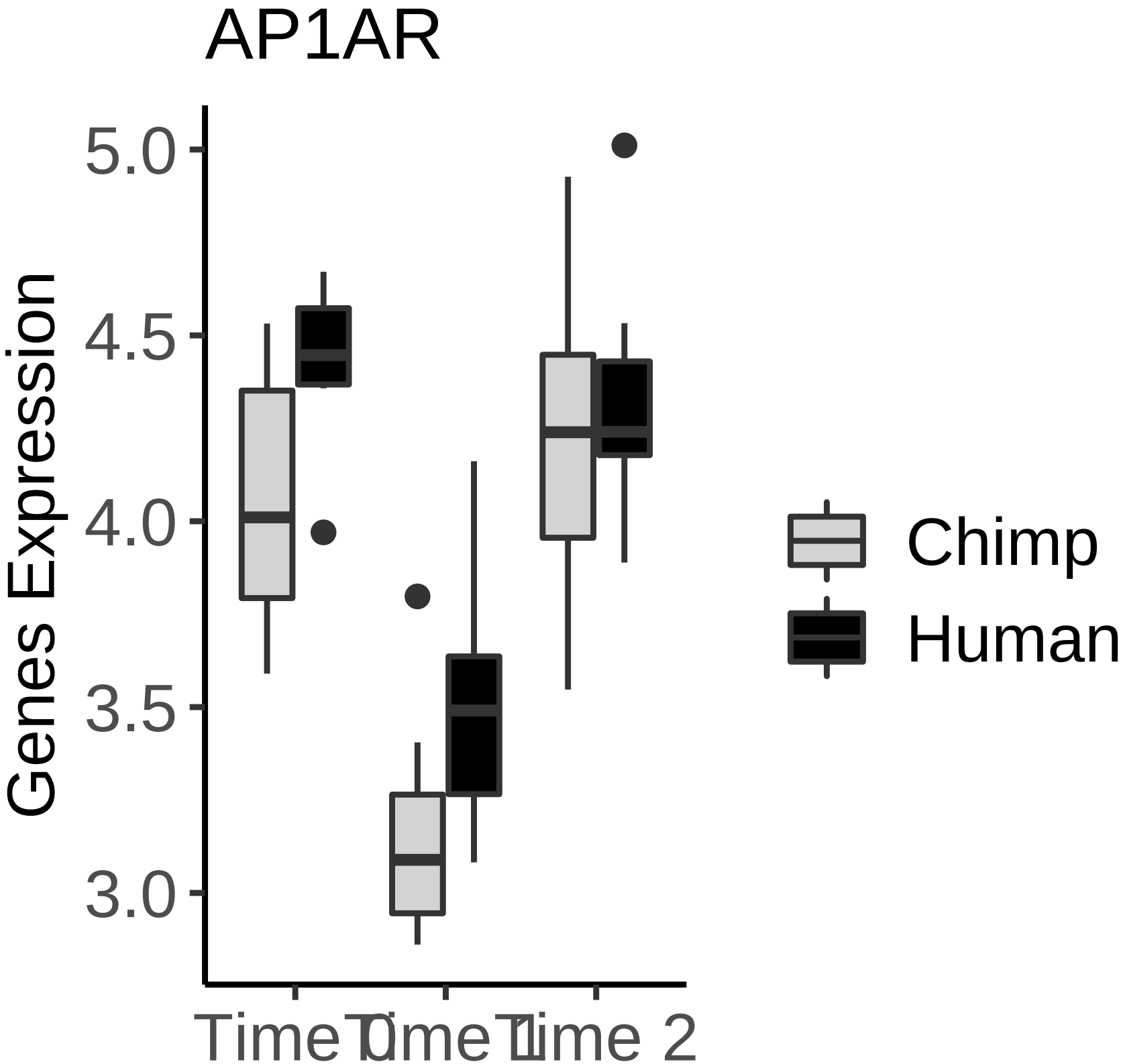
AP1AR
Genes Expression
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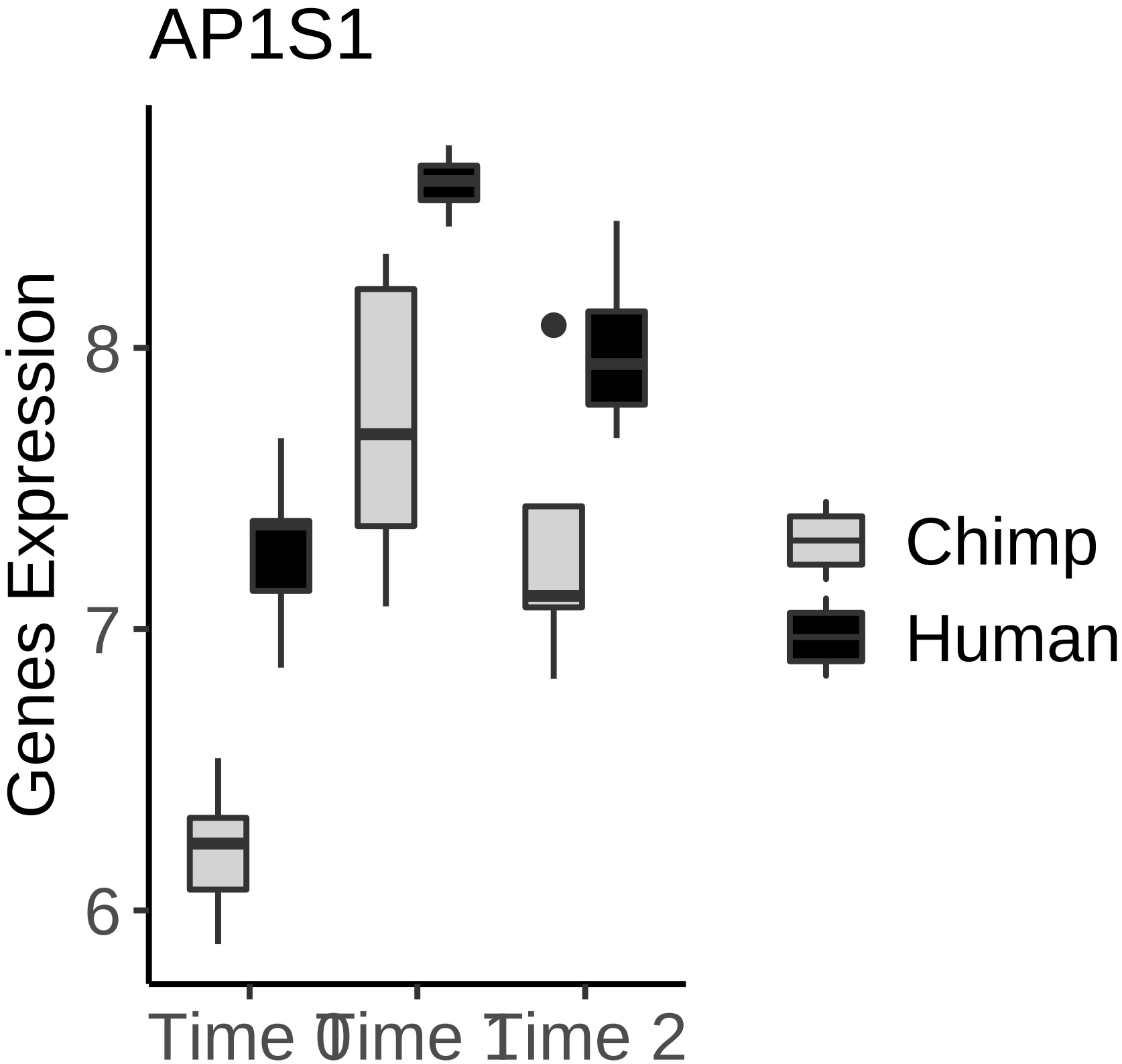
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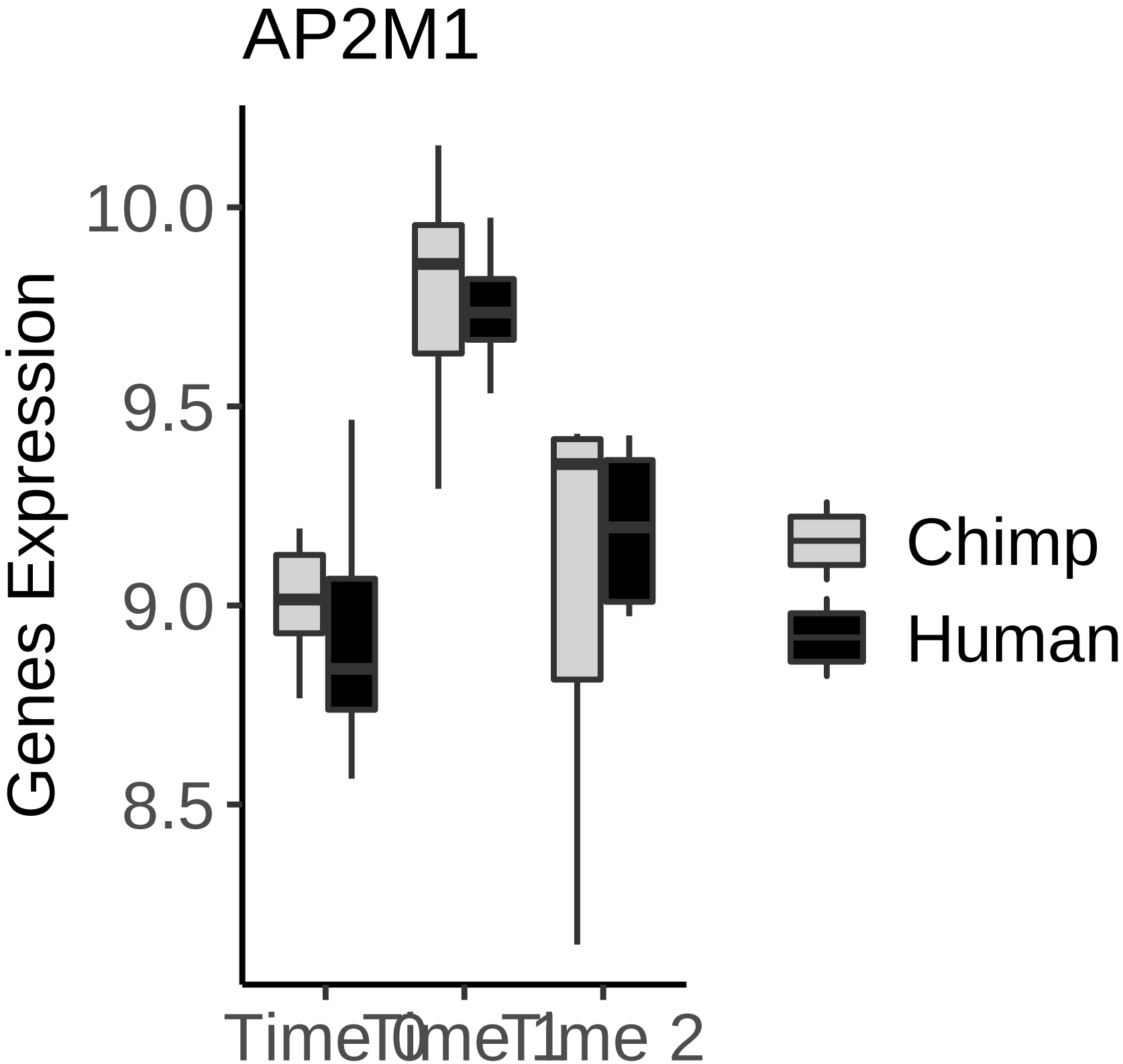
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Time 2
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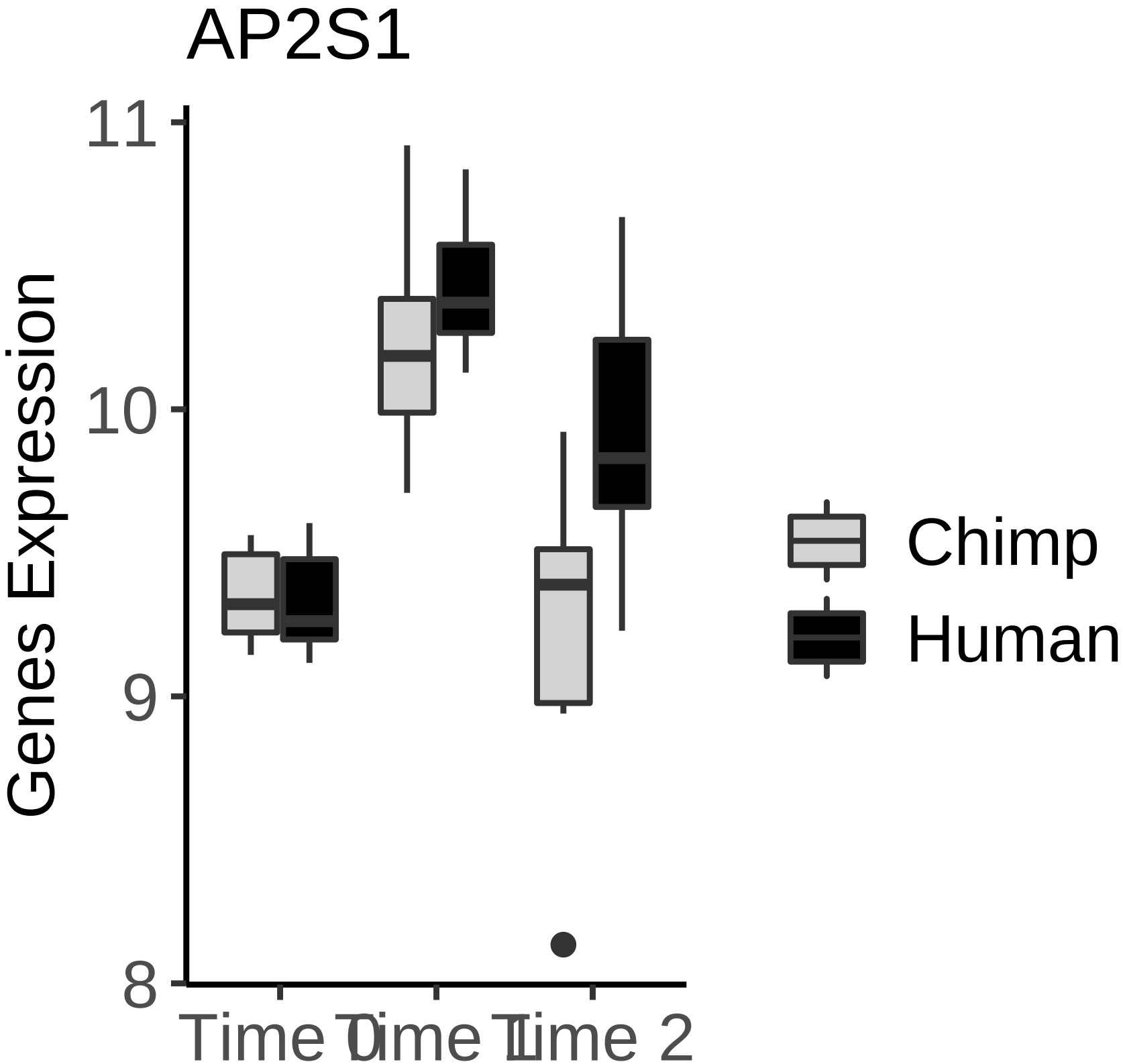
AP2S1
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9
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Chimp
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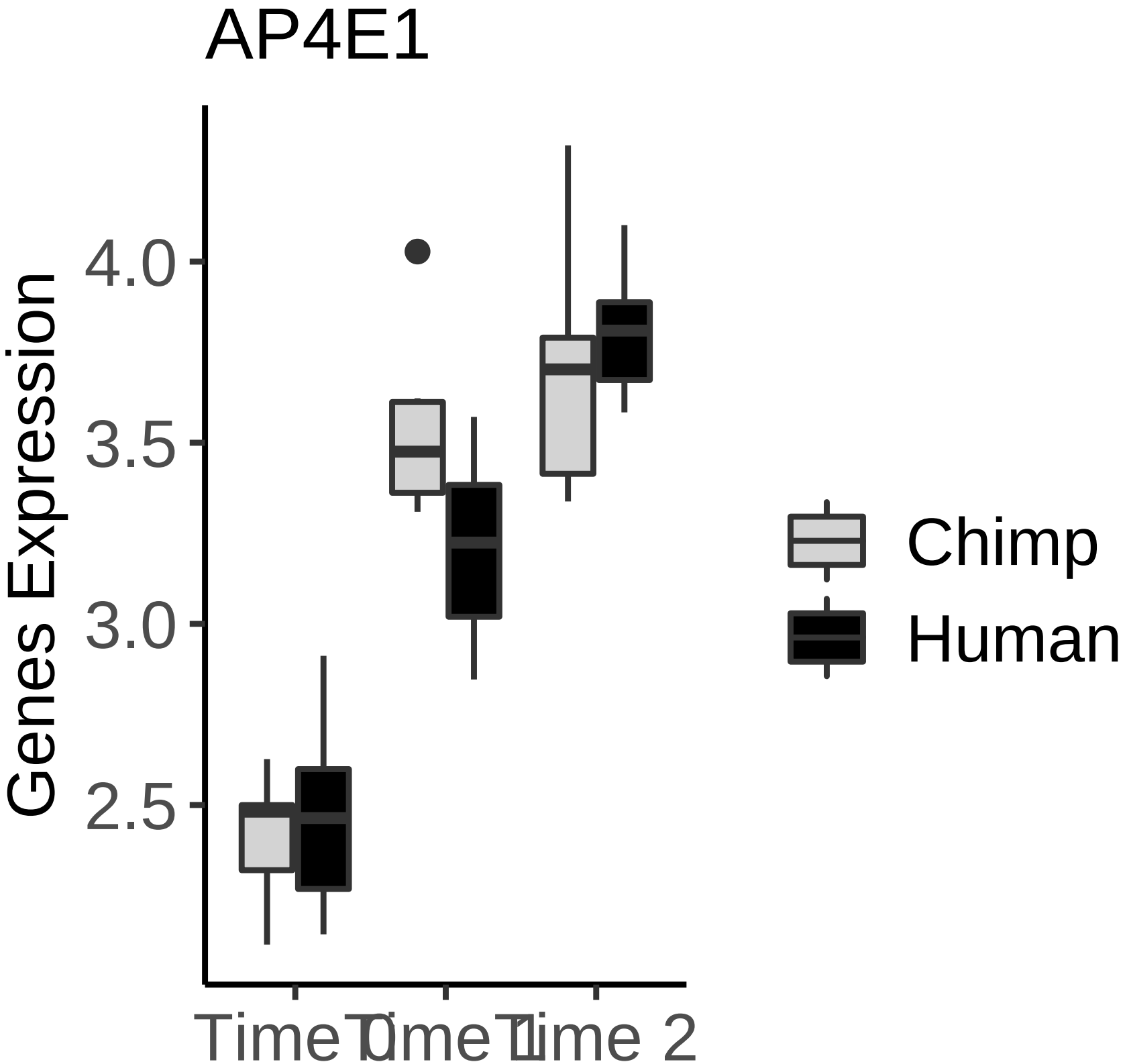
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Time 2
Chimp
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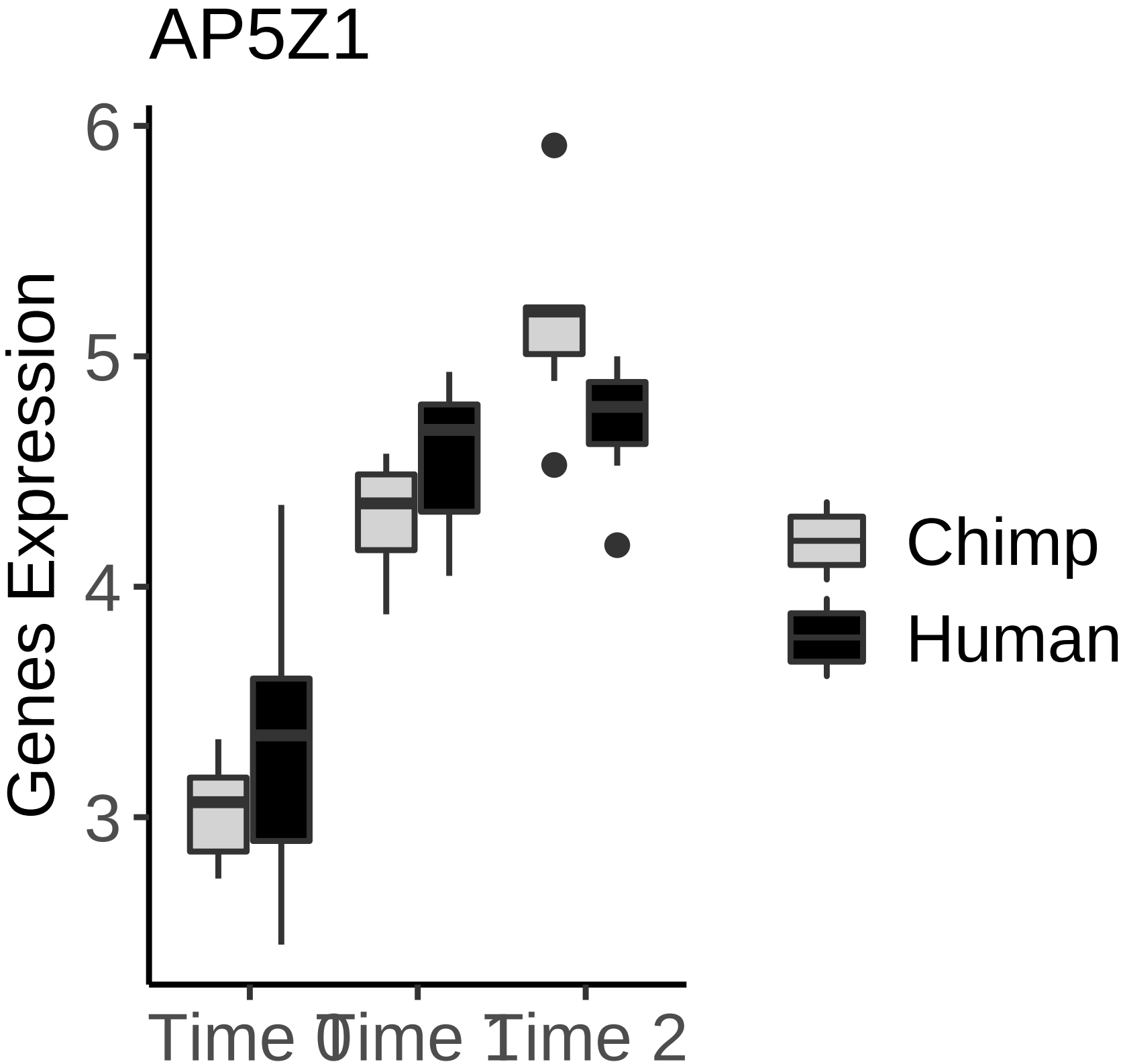
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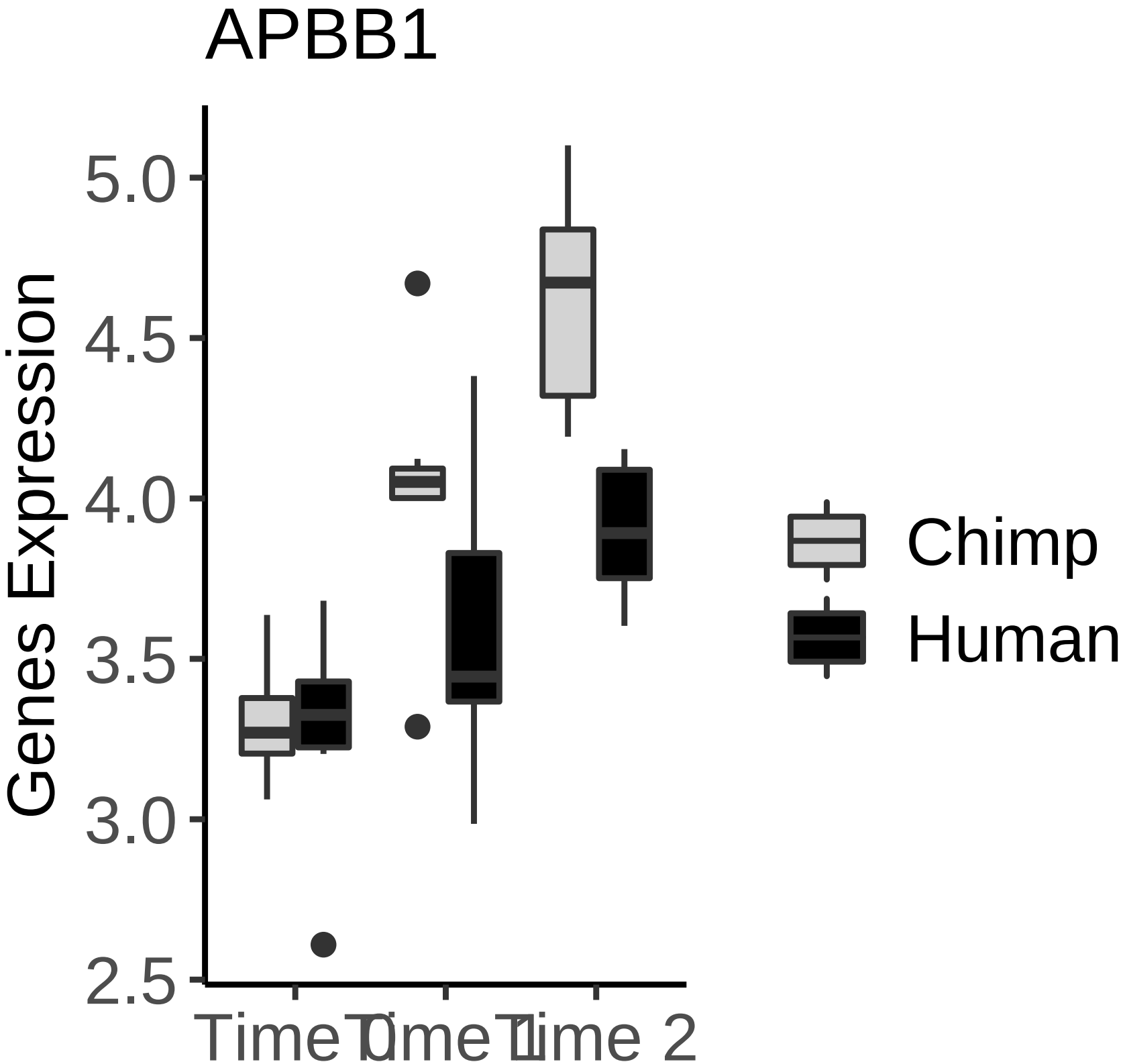
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Chimp
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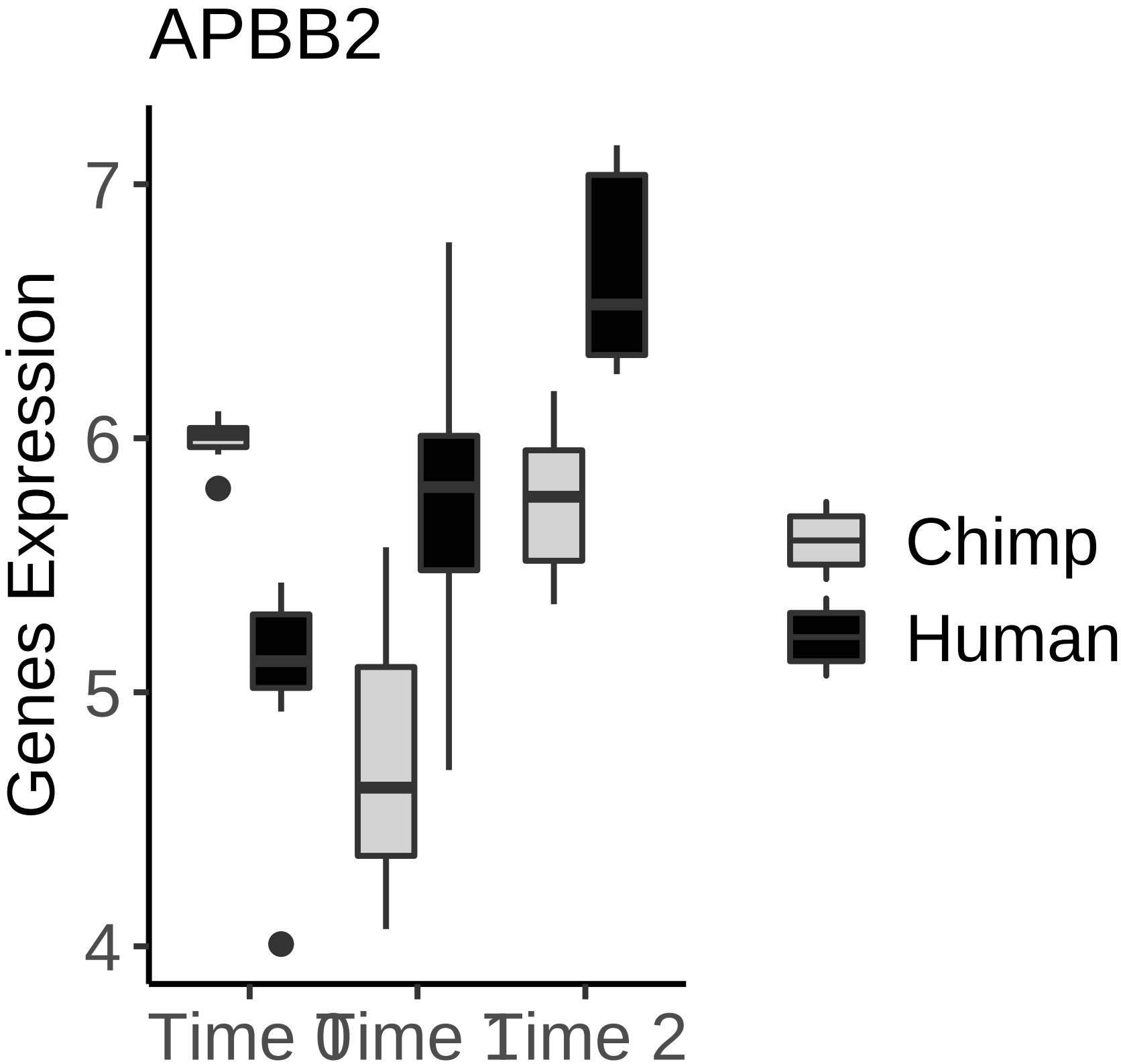
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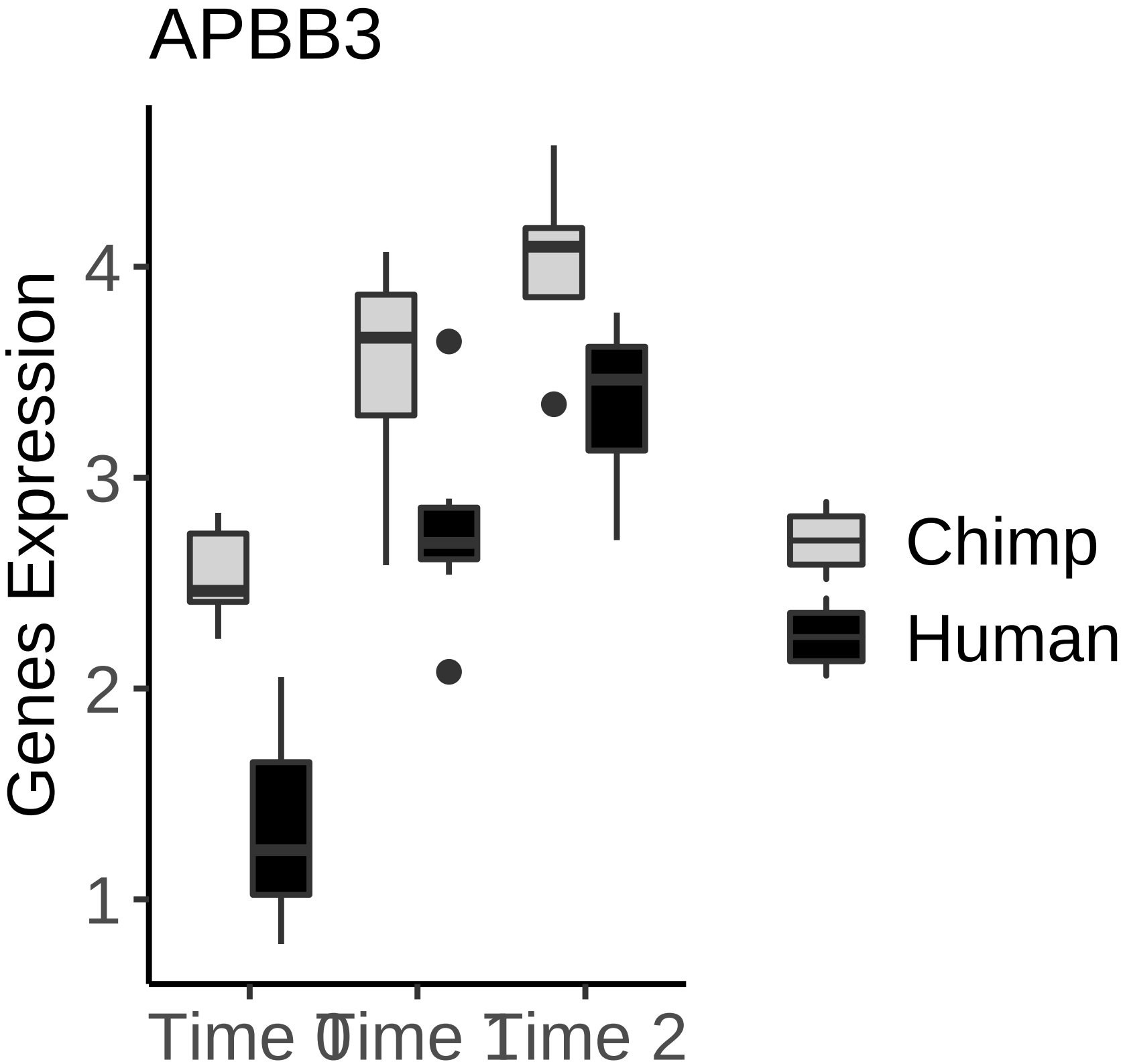
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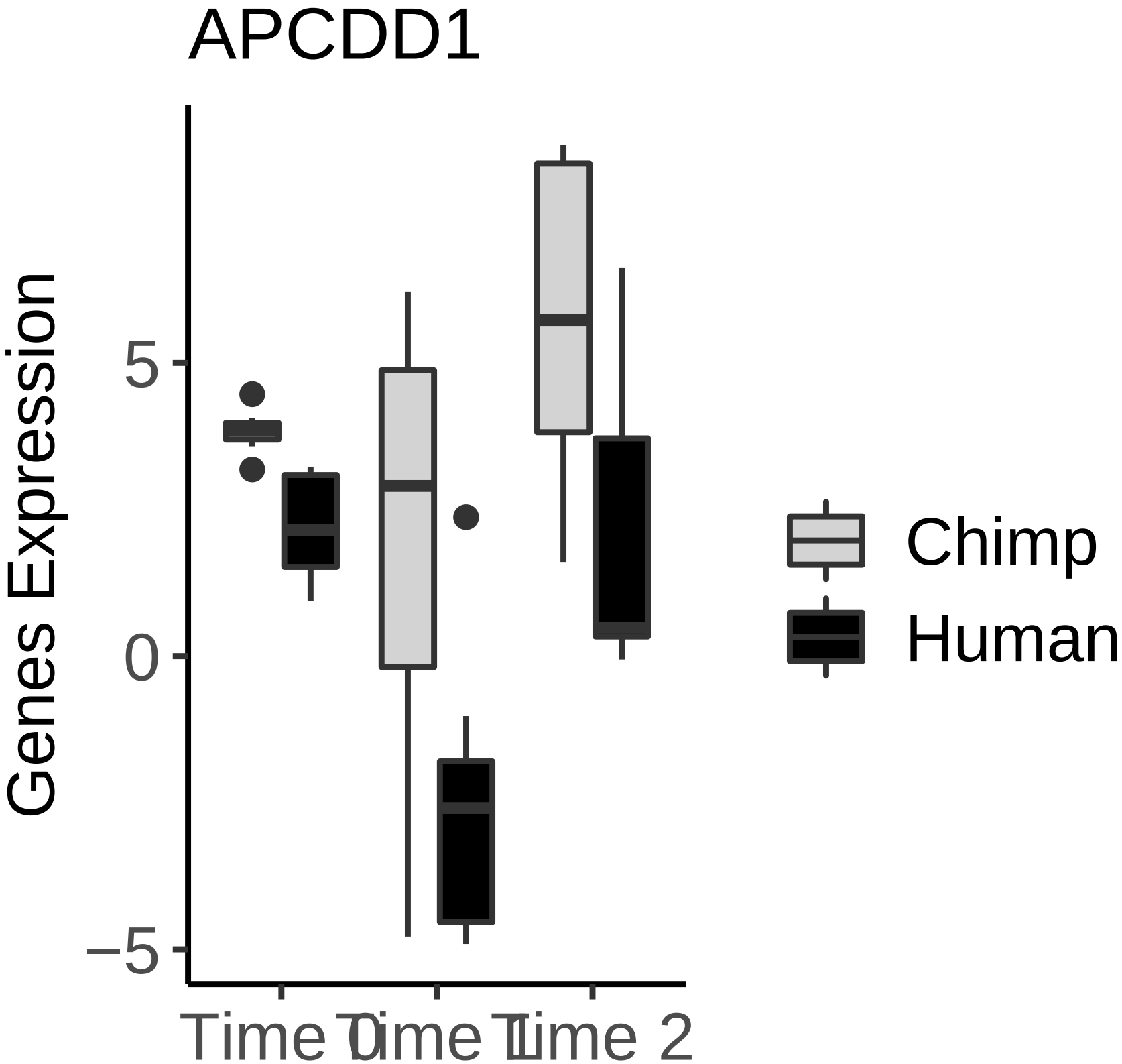
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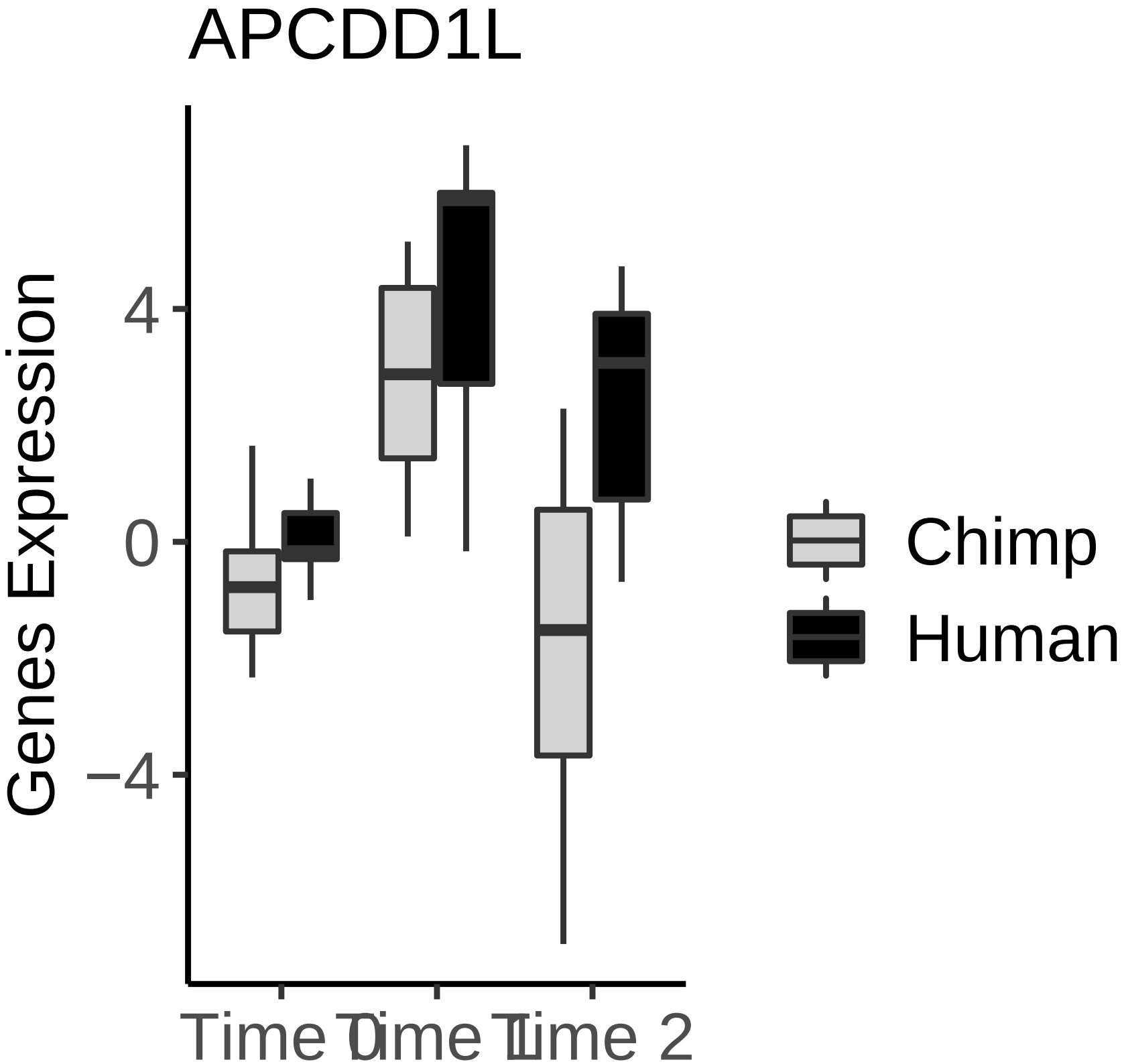
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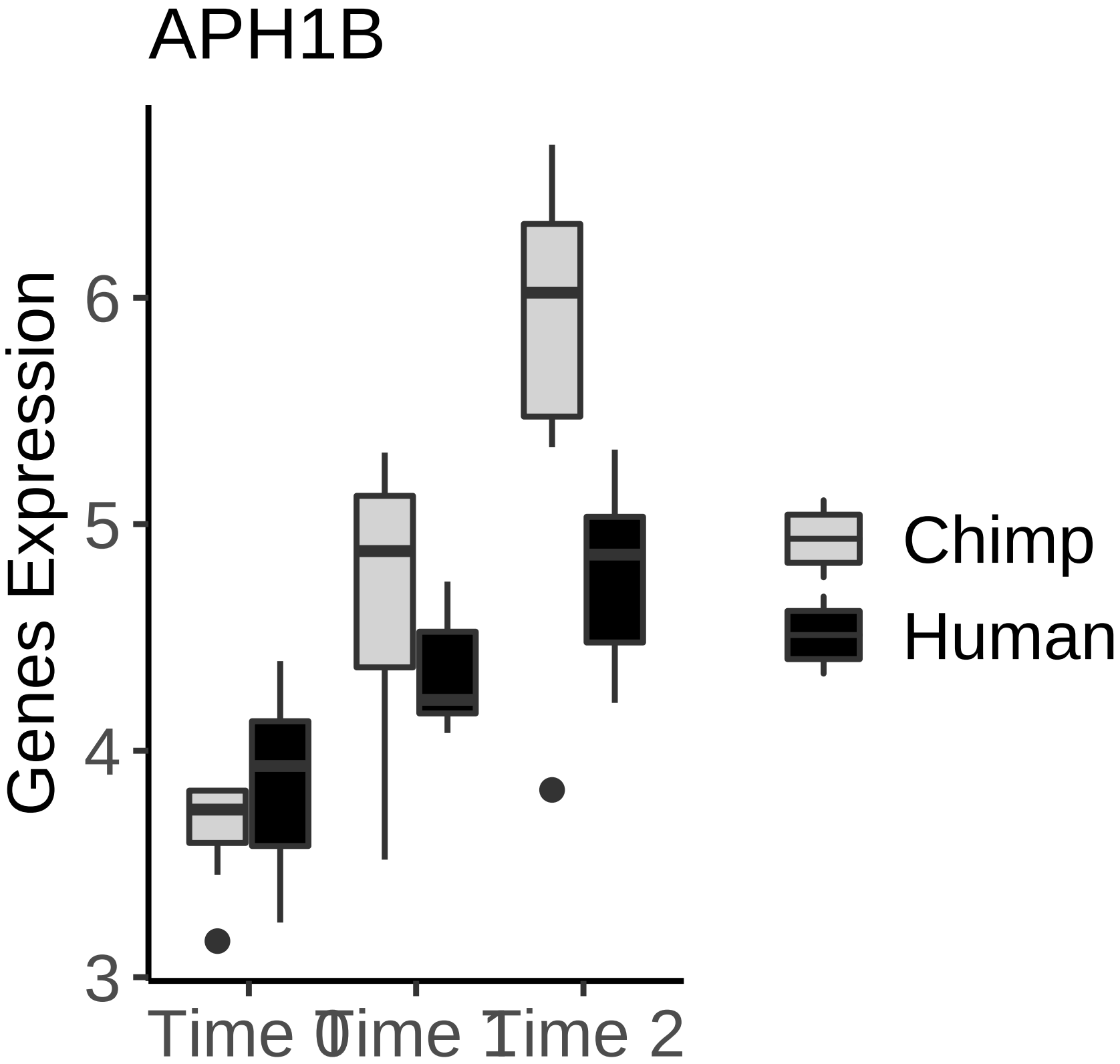
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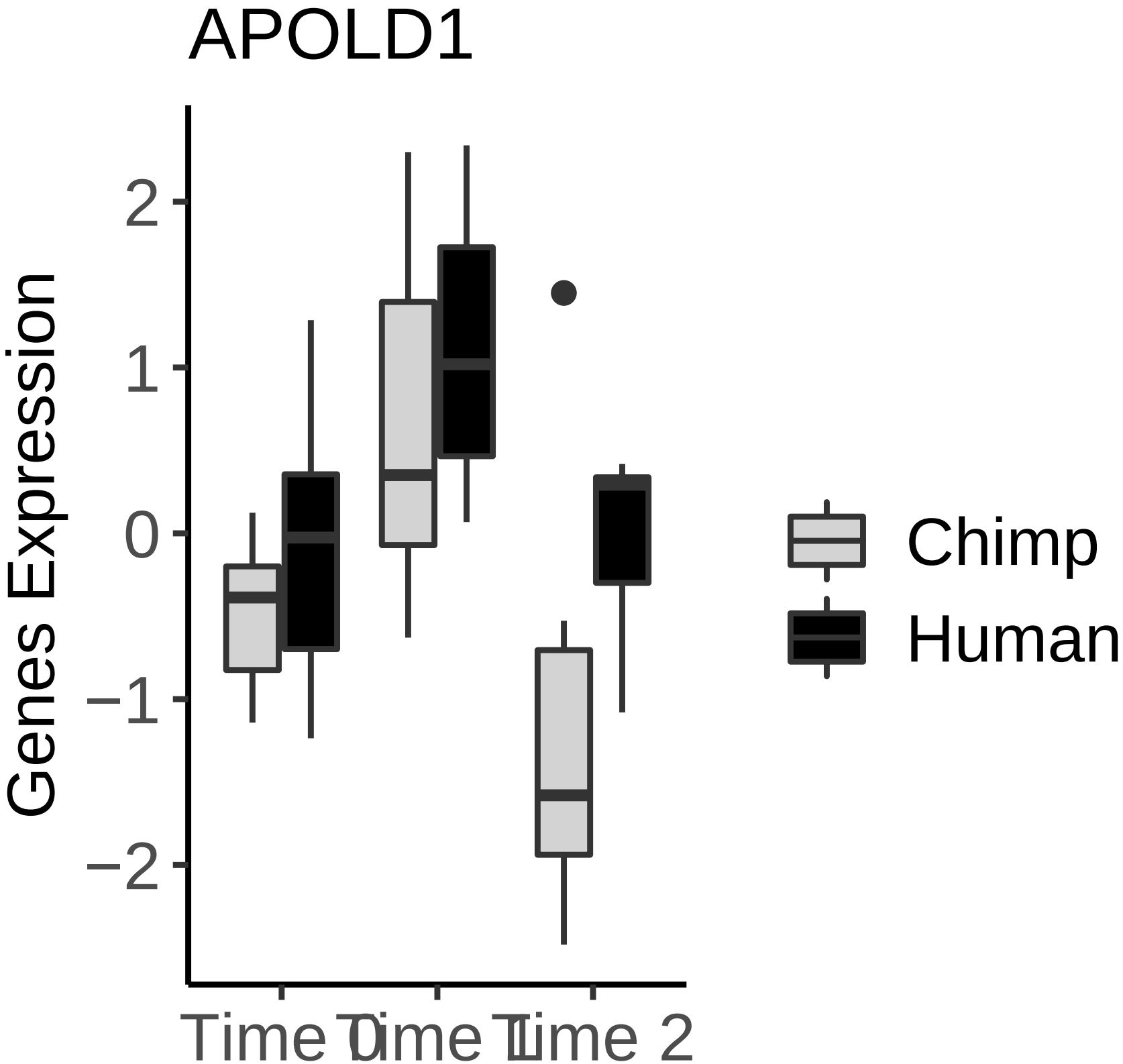
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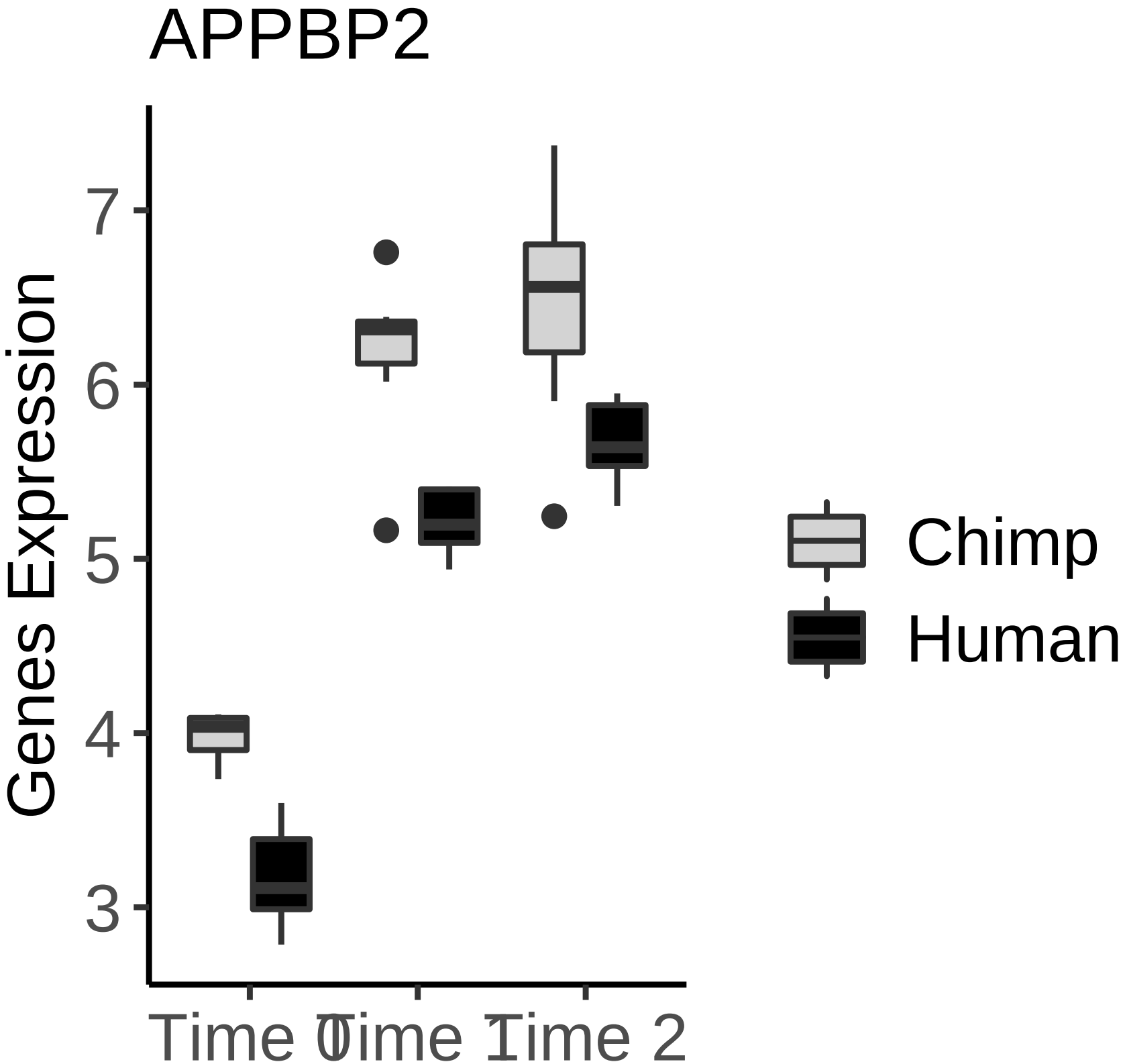
APPBP2
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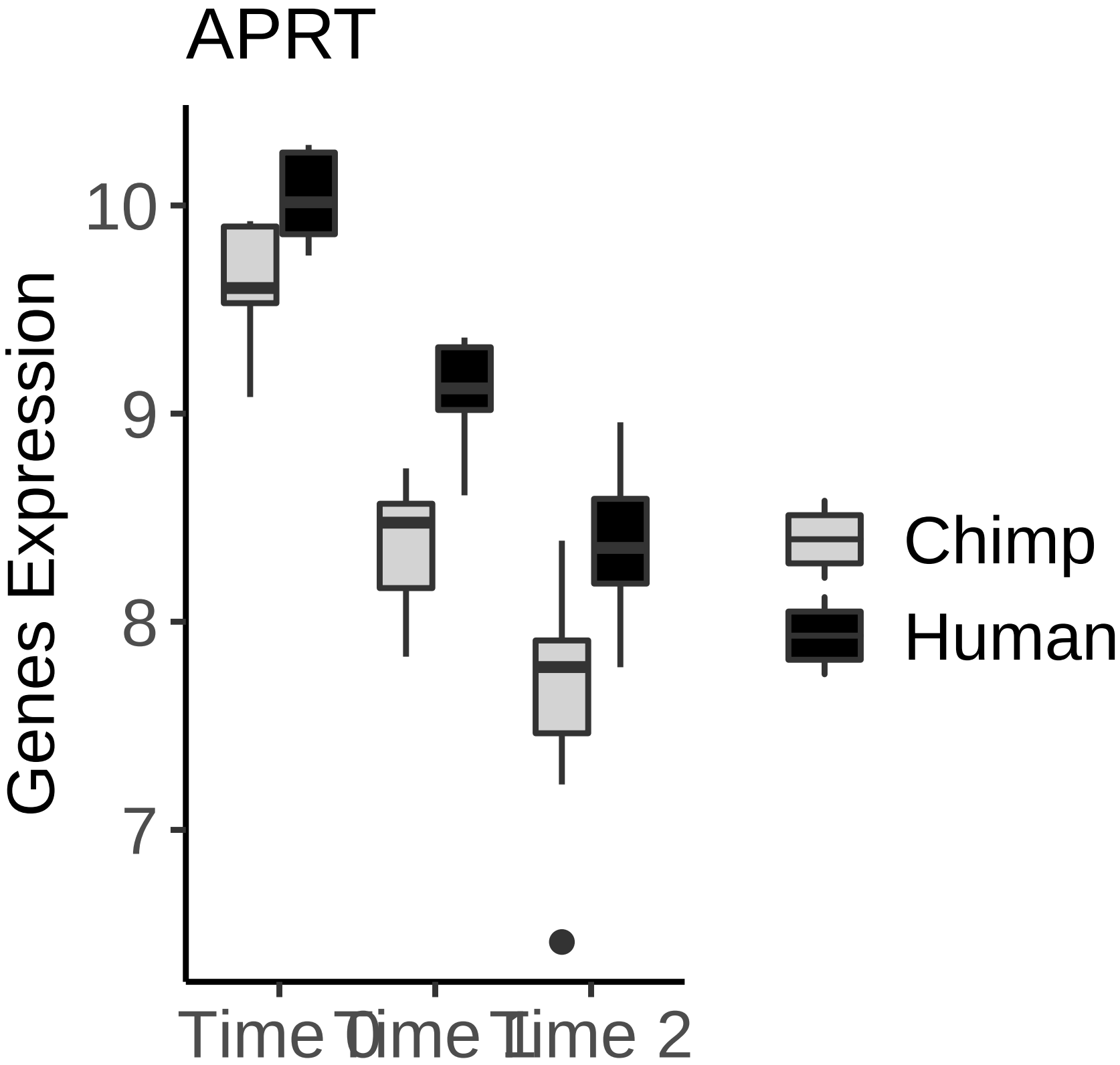
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Genes Expression
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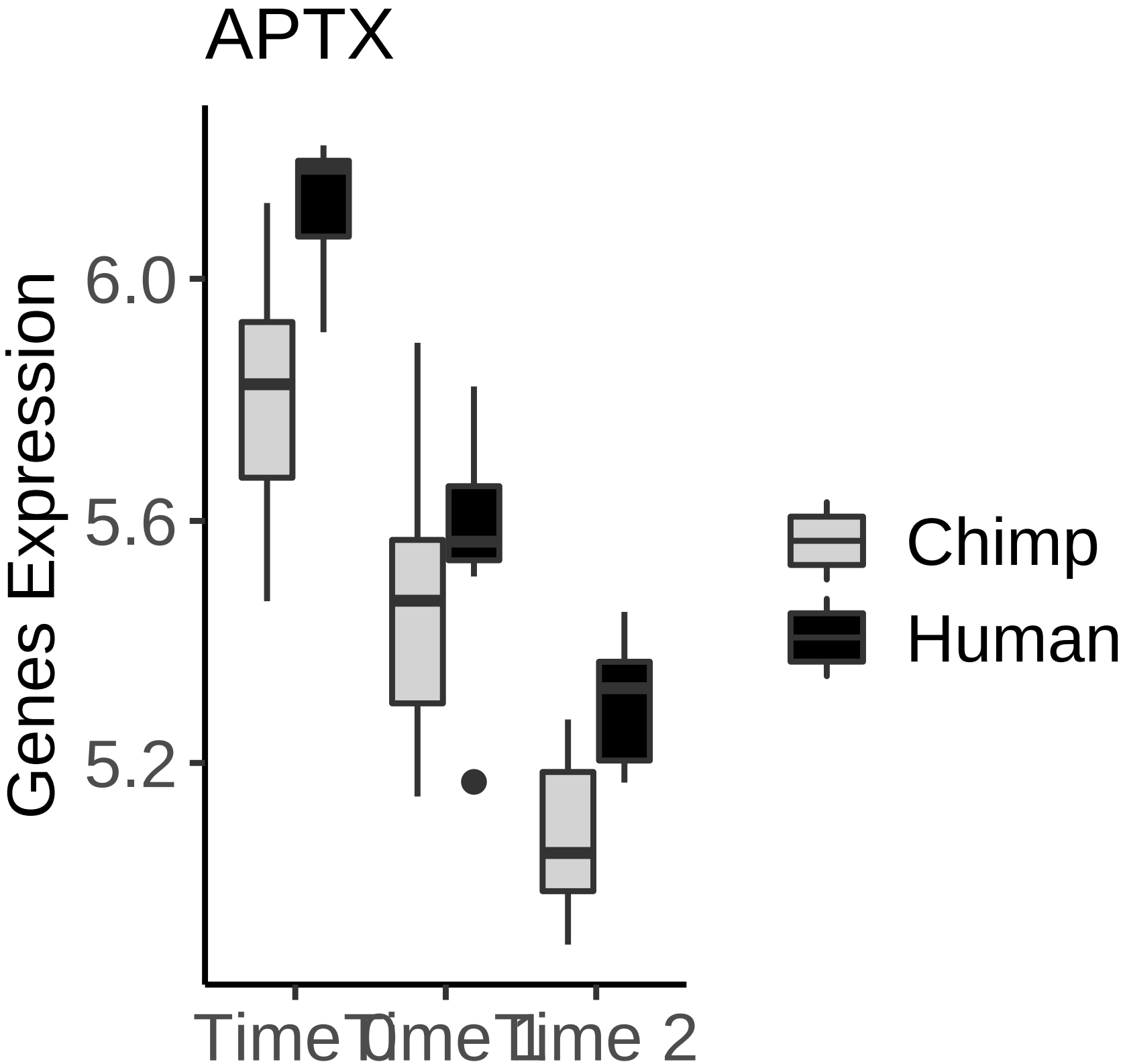
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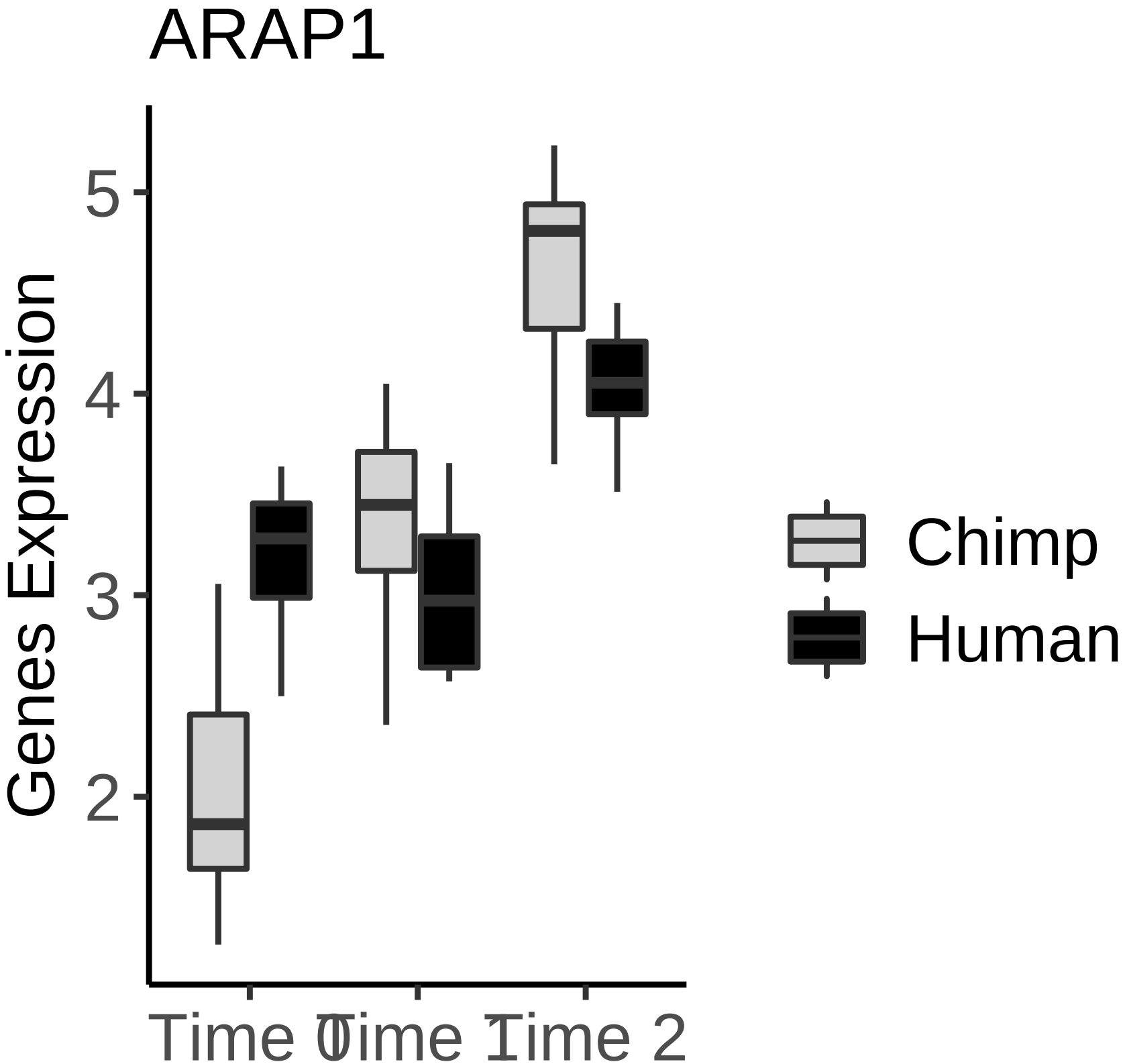
ARAP1
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Time 1
Time 2
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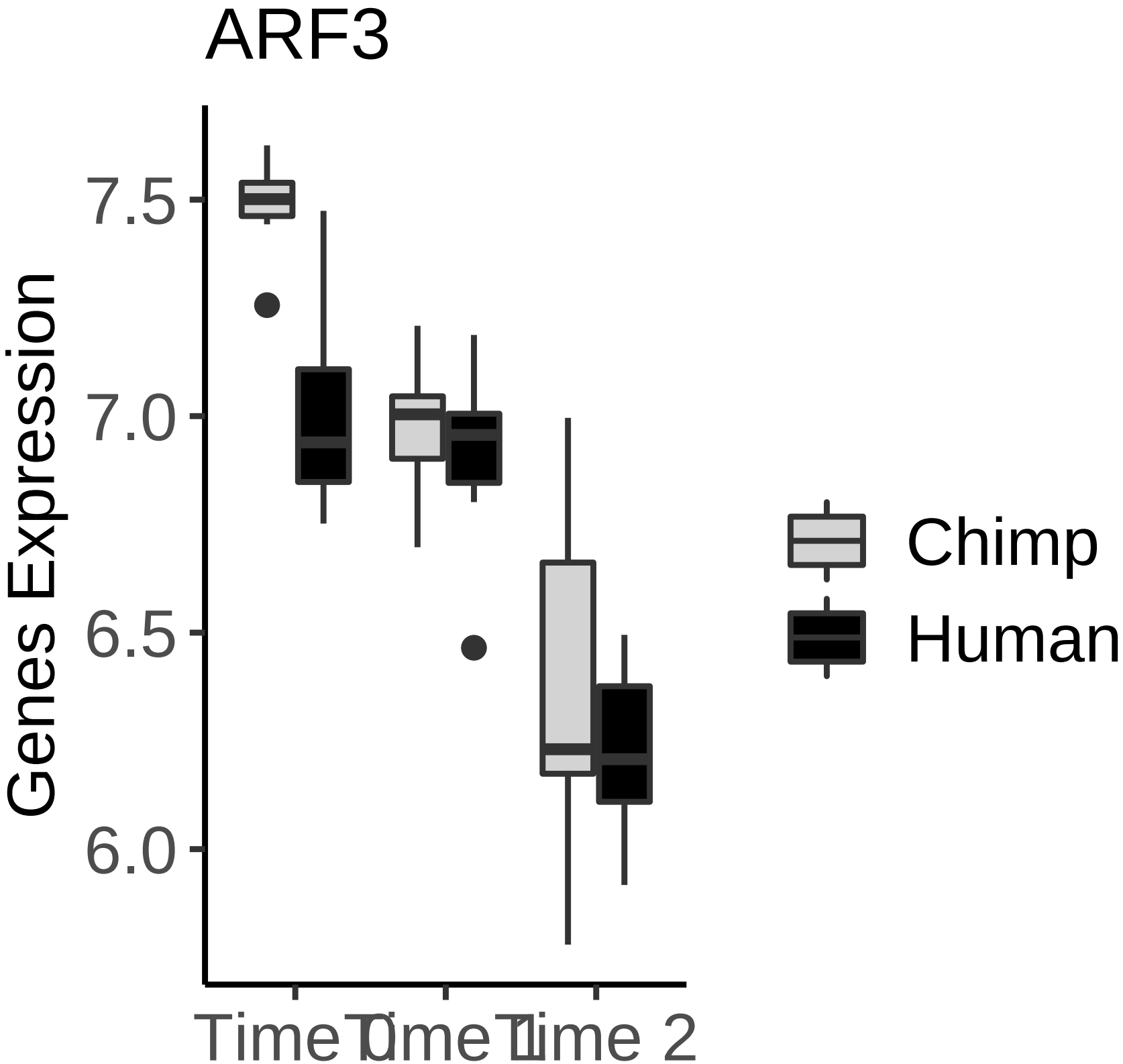
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6.0
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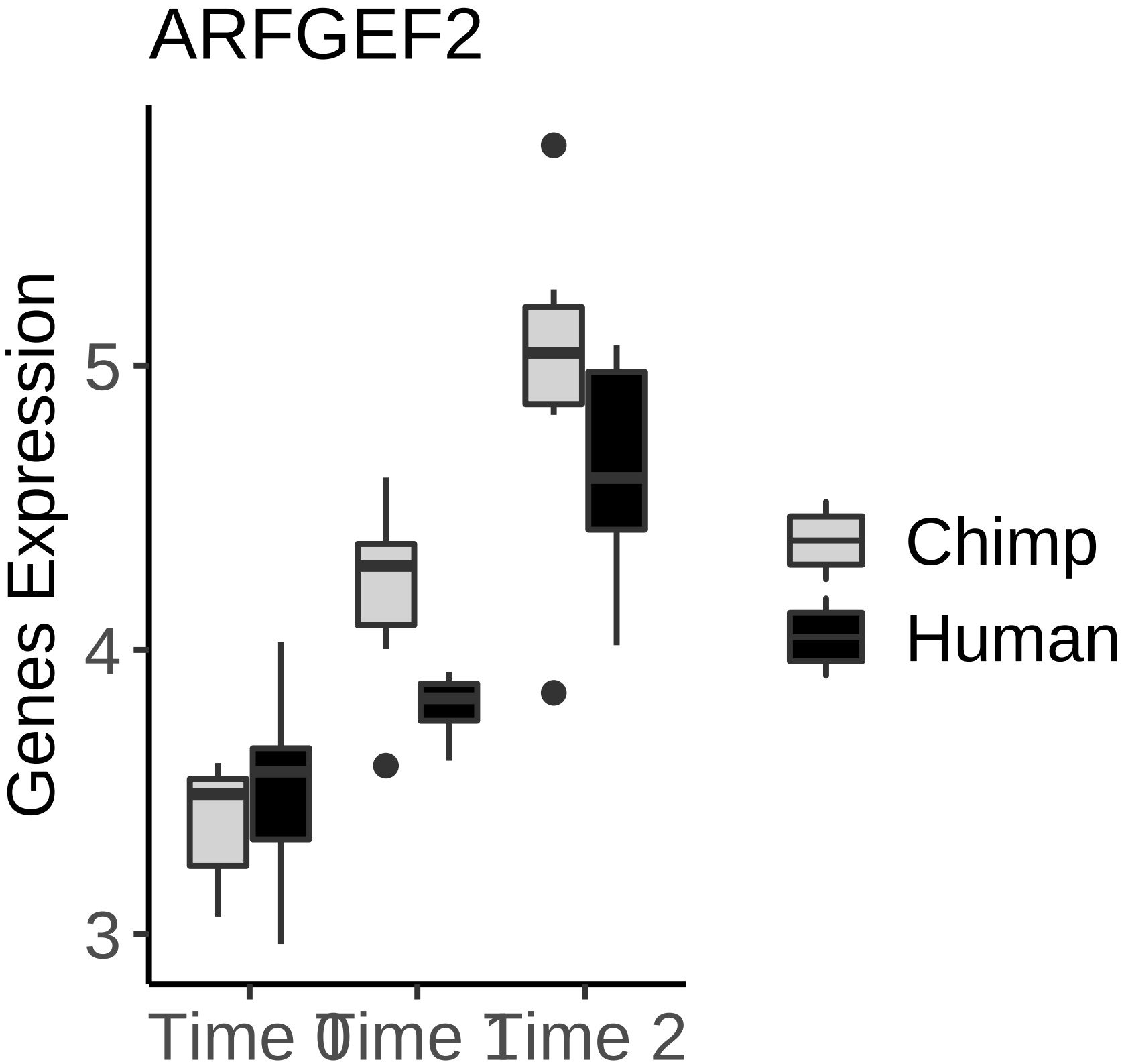
ARFGEF2
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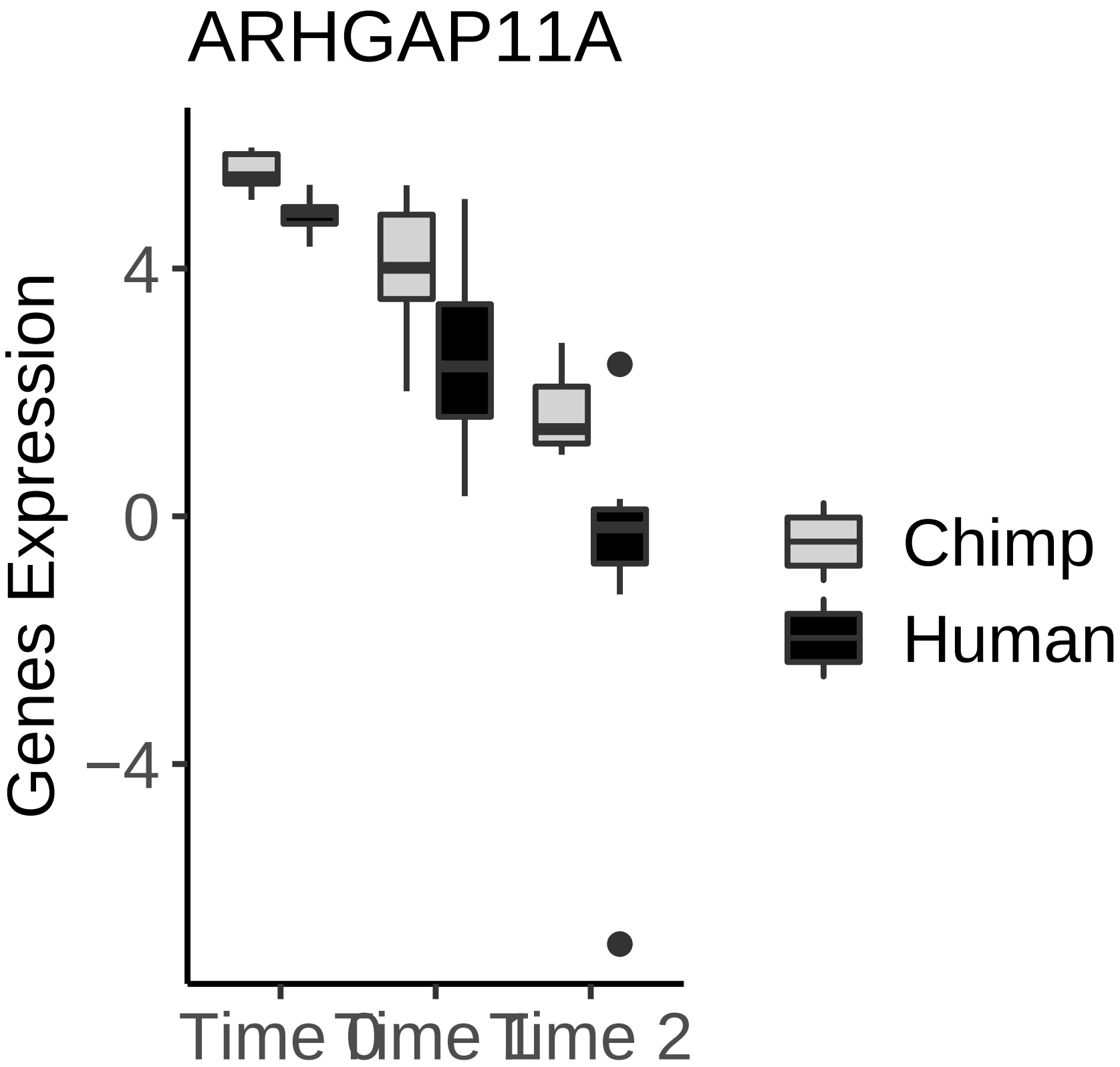
Time 2
Chimp
Human


ARHGAP11A
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Time 2
Chimp
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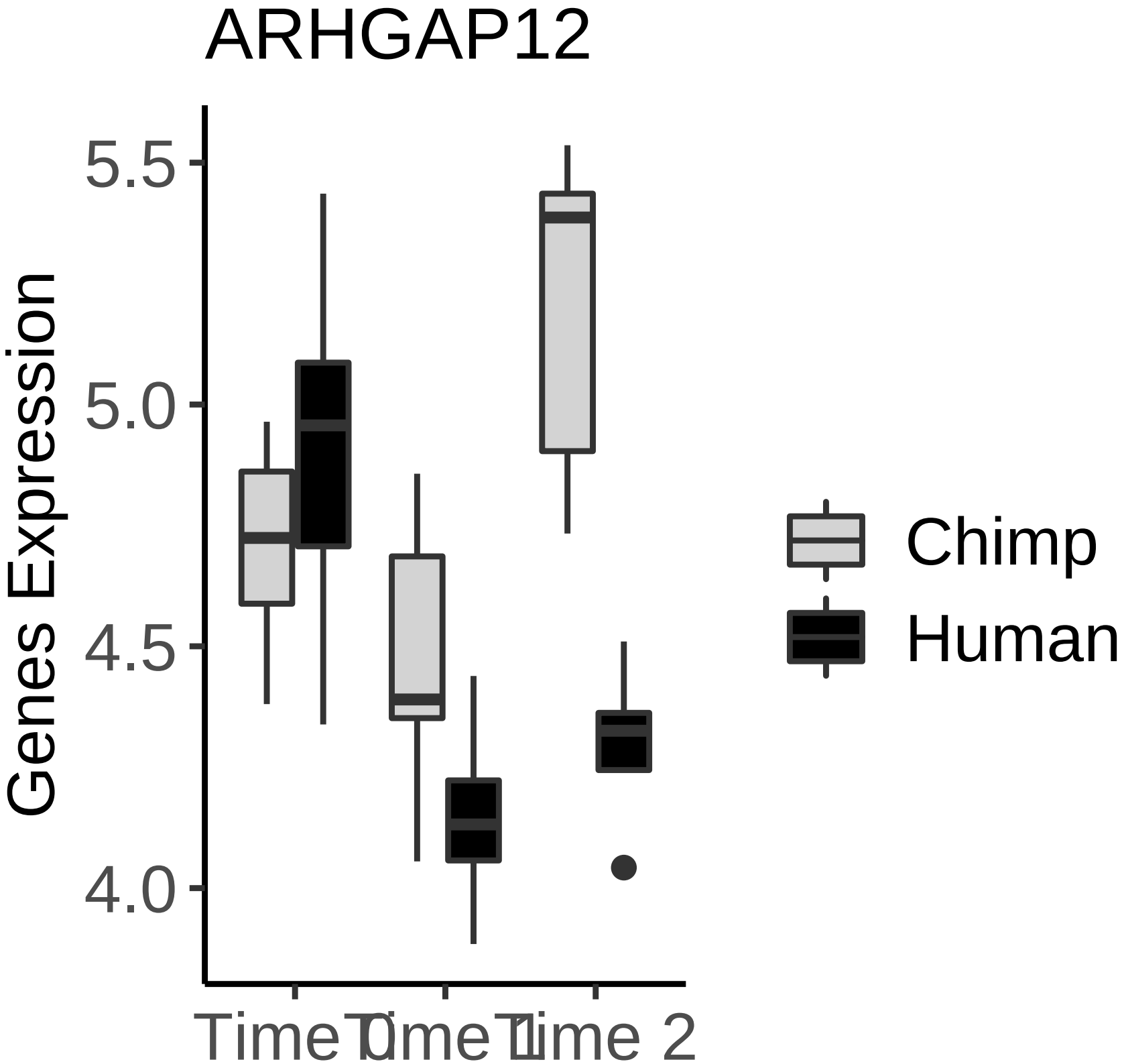
ARHGAP12
Genes Expression
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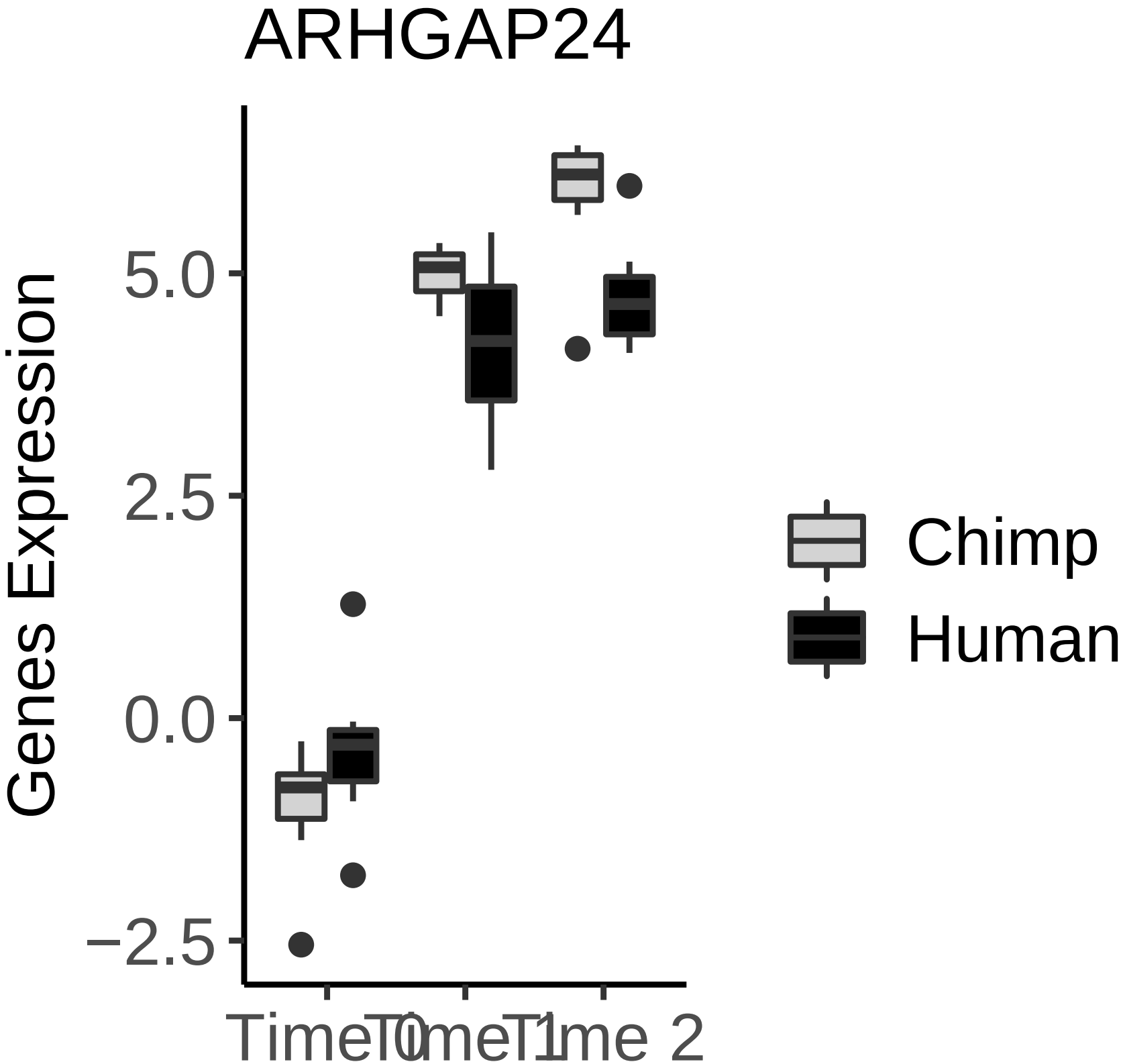
Time 1
Time 2
Chimp
Human


ARHGAP24
Genes Expression
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Time 0
Time 1
Time 2
Chimp
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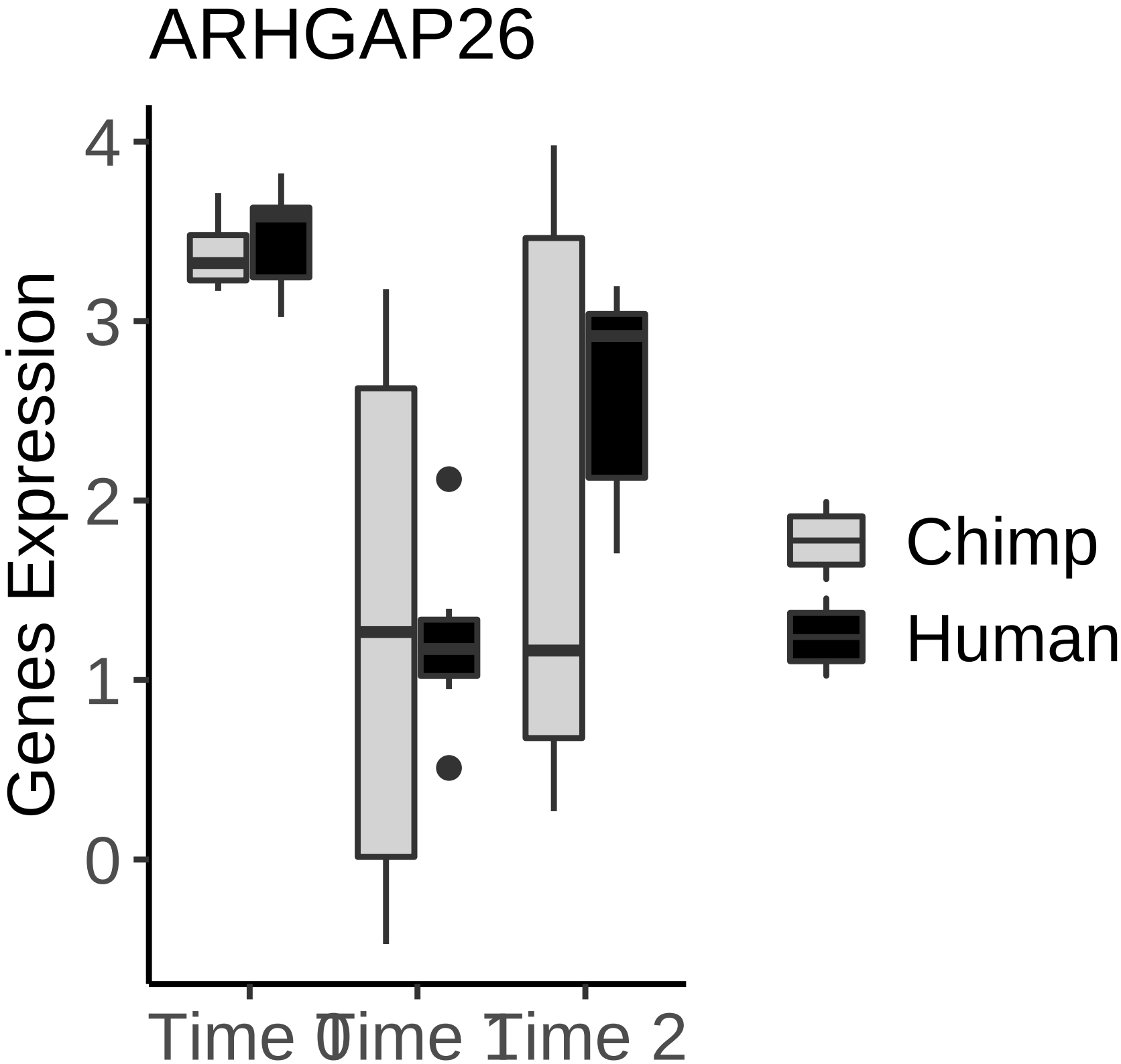
ARHGAP26
Genes Expression
4
3
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Time 0
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Time 2
Chimp
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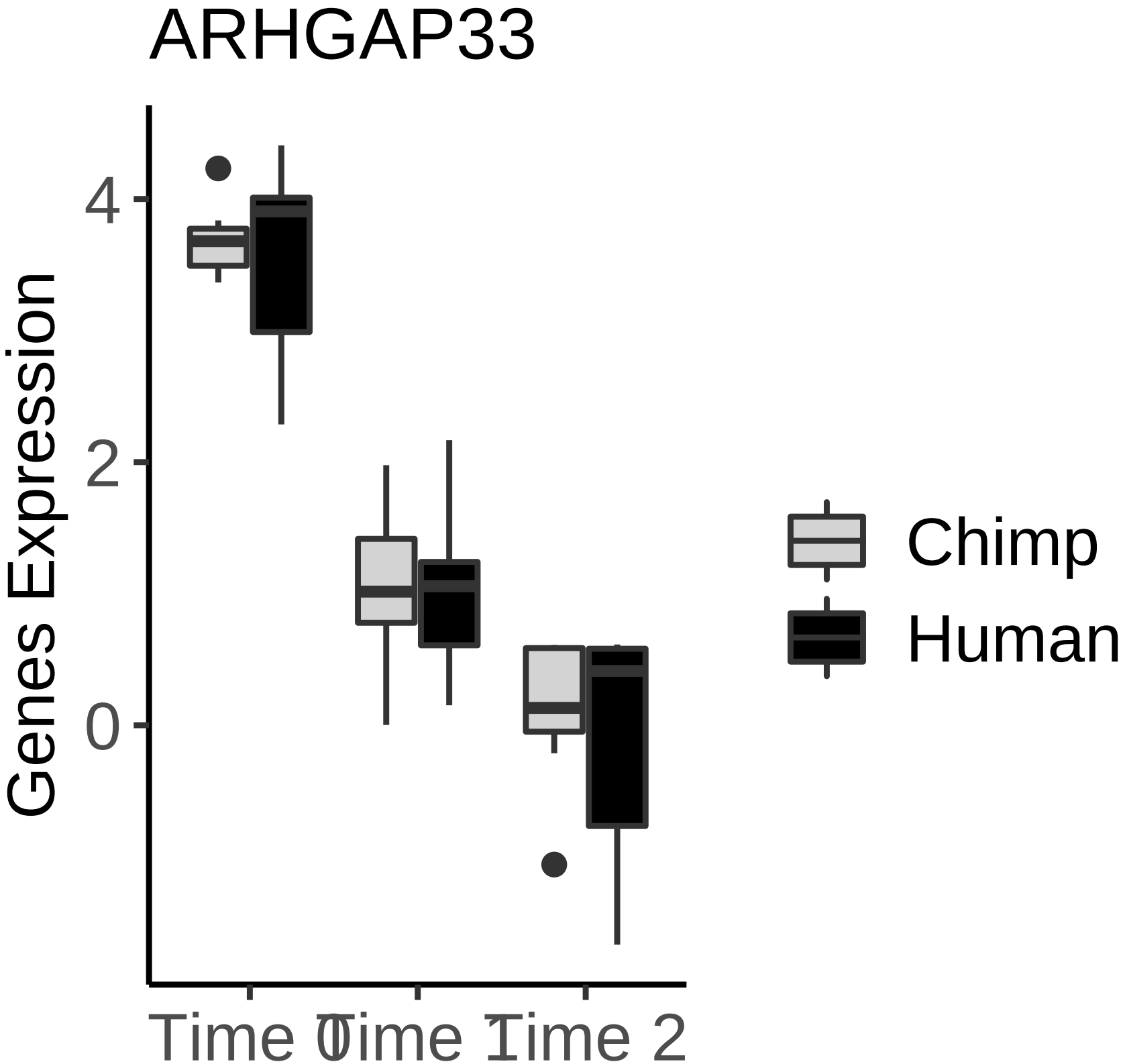
ARHGAP33
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2
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Time 2
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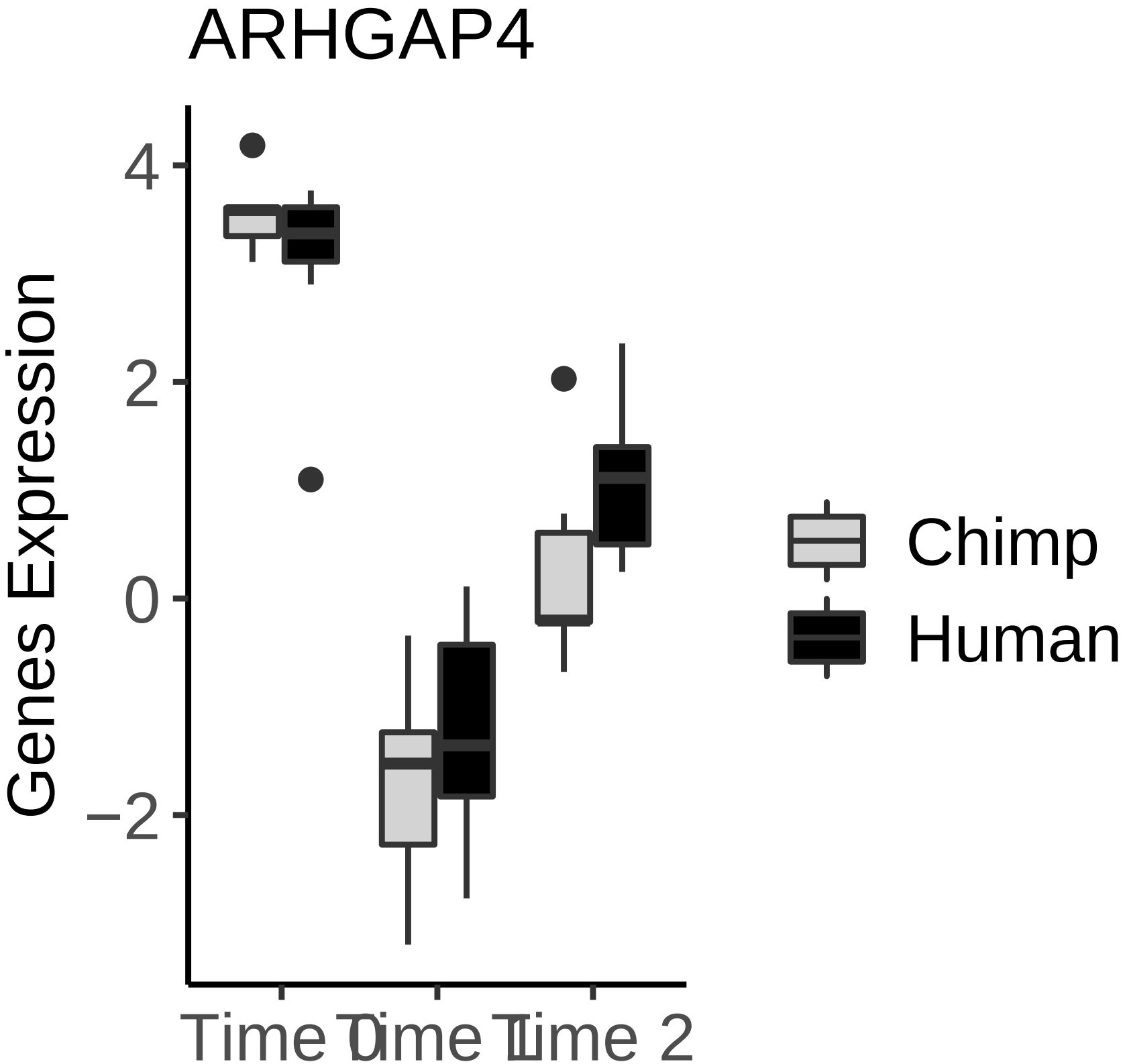
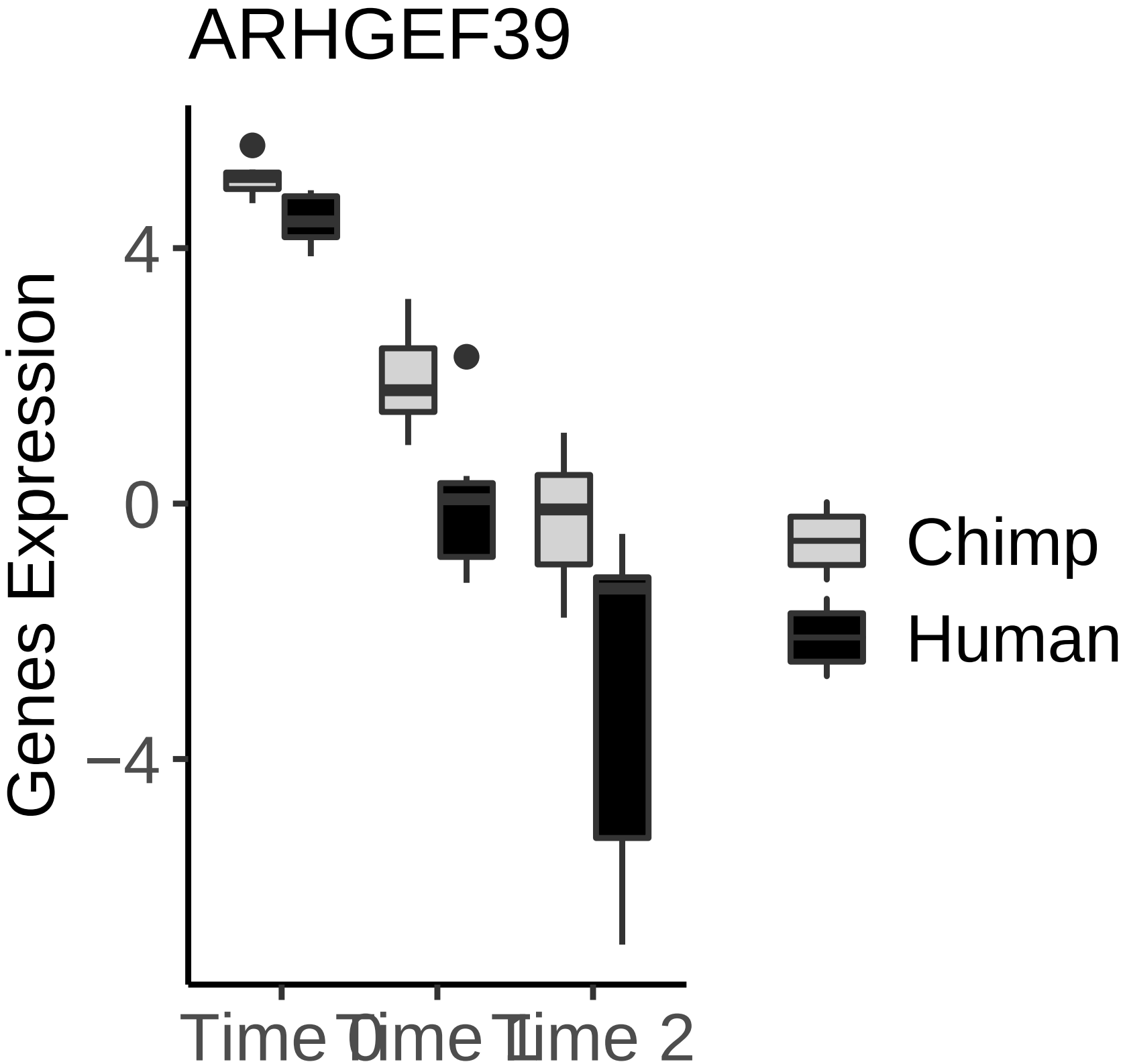
Human


ARHGAP4
Genes Expression
4
2
0
−2
Time 0
Time 1
Time 2
Chimp
Human


ARHGEF39
Genes Expression
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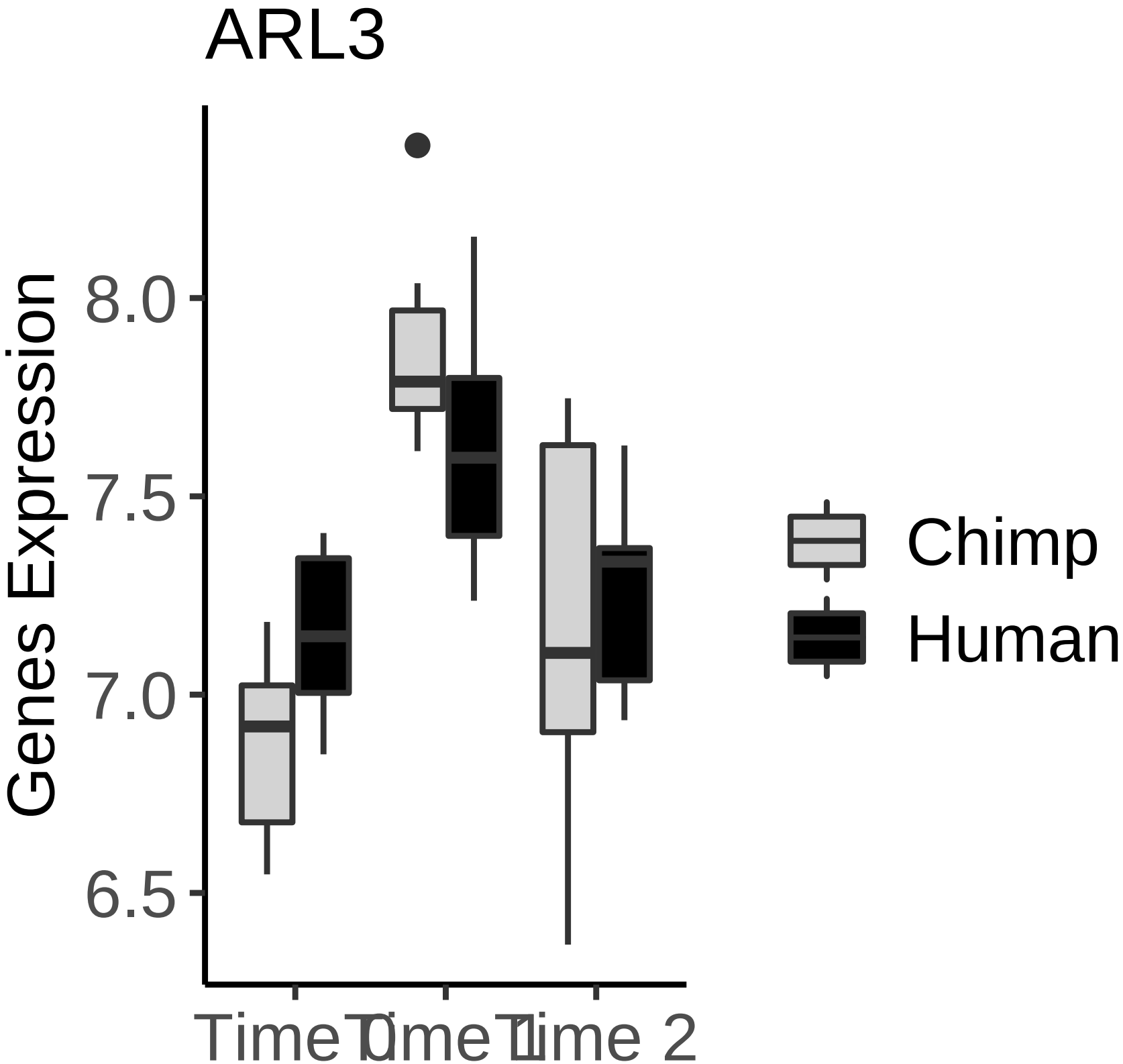
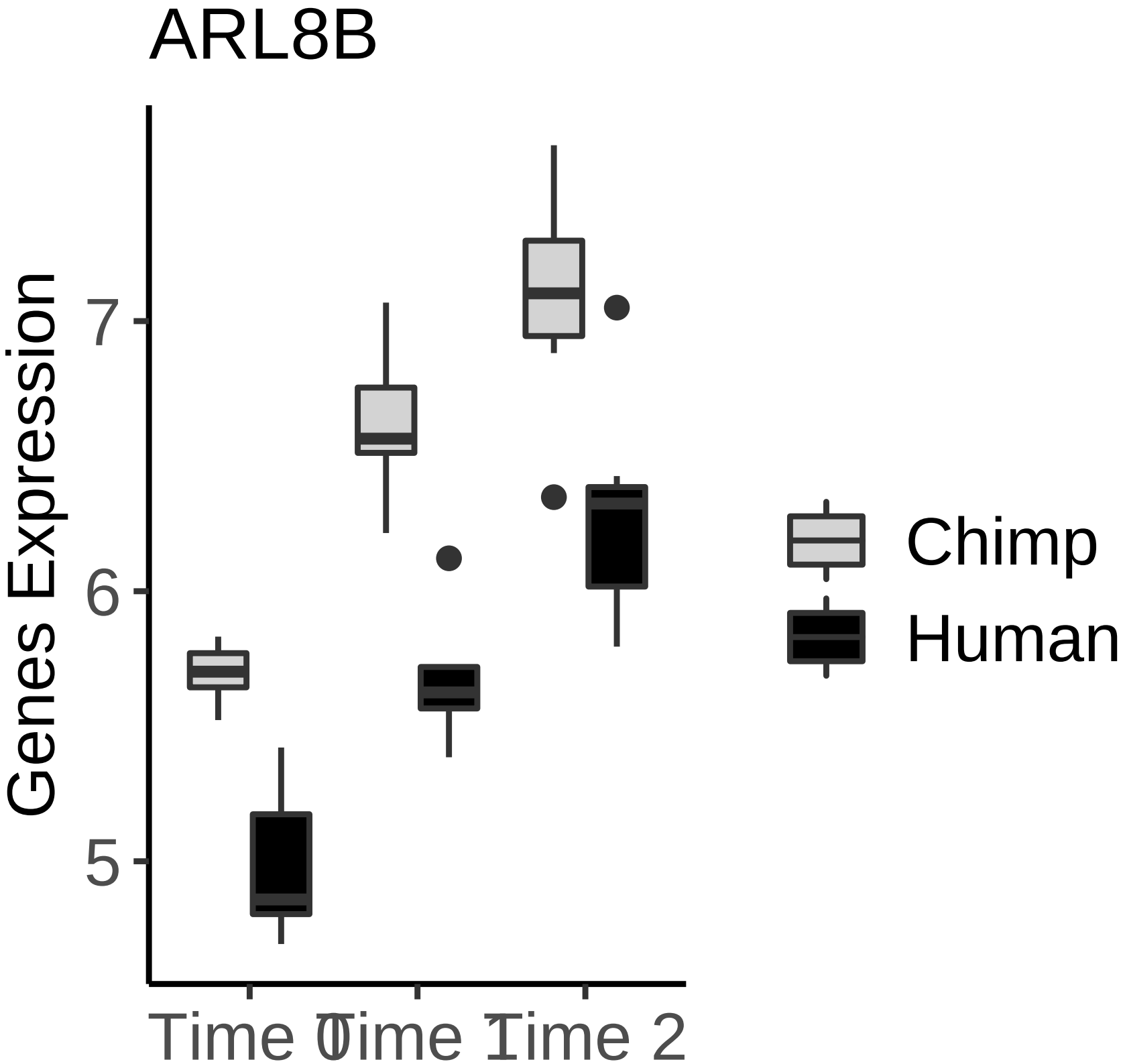

ARL3
Genes Expression
8.0
7.5
7.0
6.5
Time 0
Time 1
Time 2
Chimp
Human


ARL8B
Genes Expression
7
6
5
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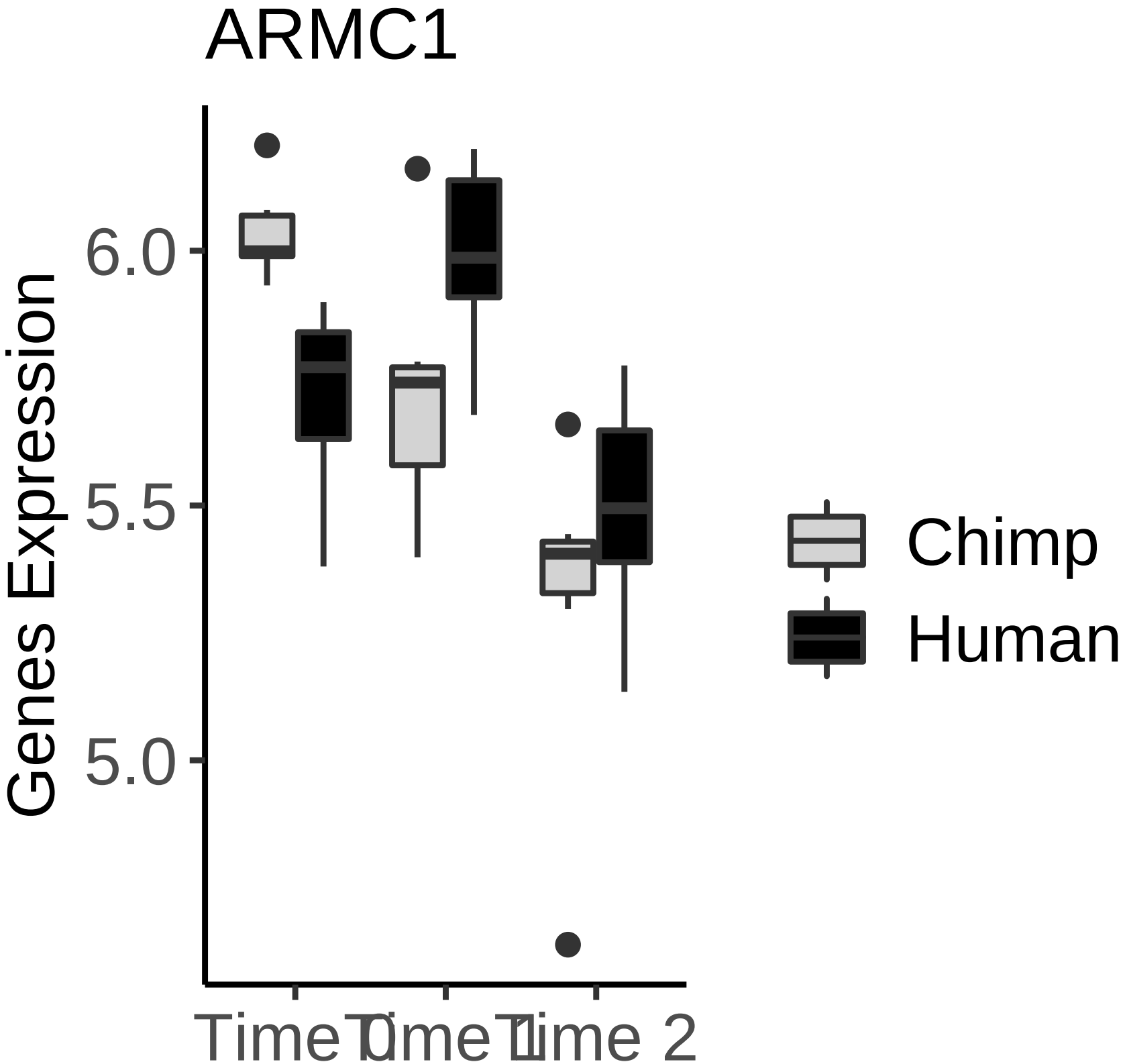
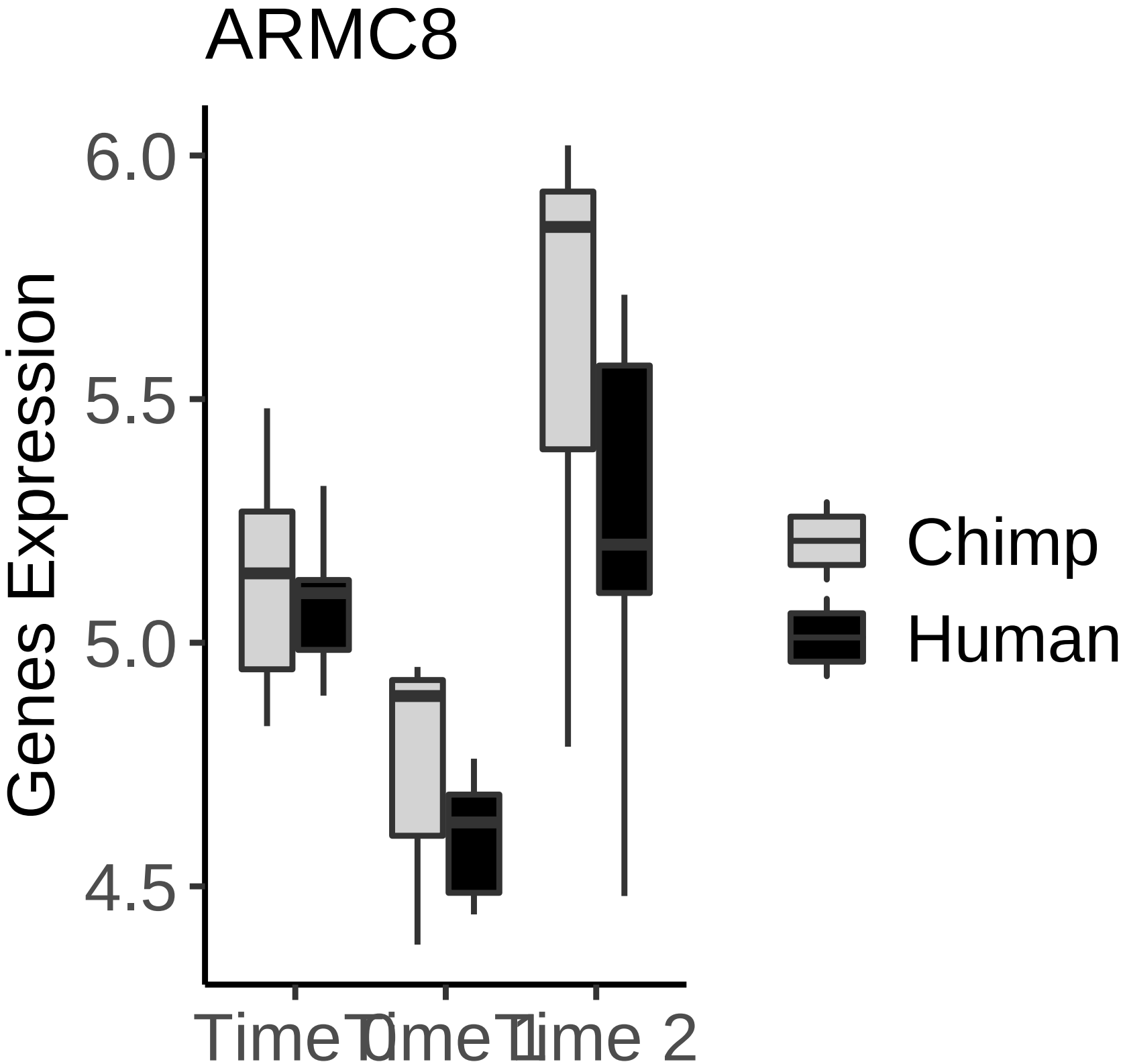
Time 1
Time 2
Chimp
Human


ARMC1
Genes Expression
6.0
5.5
5.0
Time 0
Time 1
Time 2
Chimp
Human


ARMC8
Genes Expression
6.0
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4.5
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Time 1
Time 2
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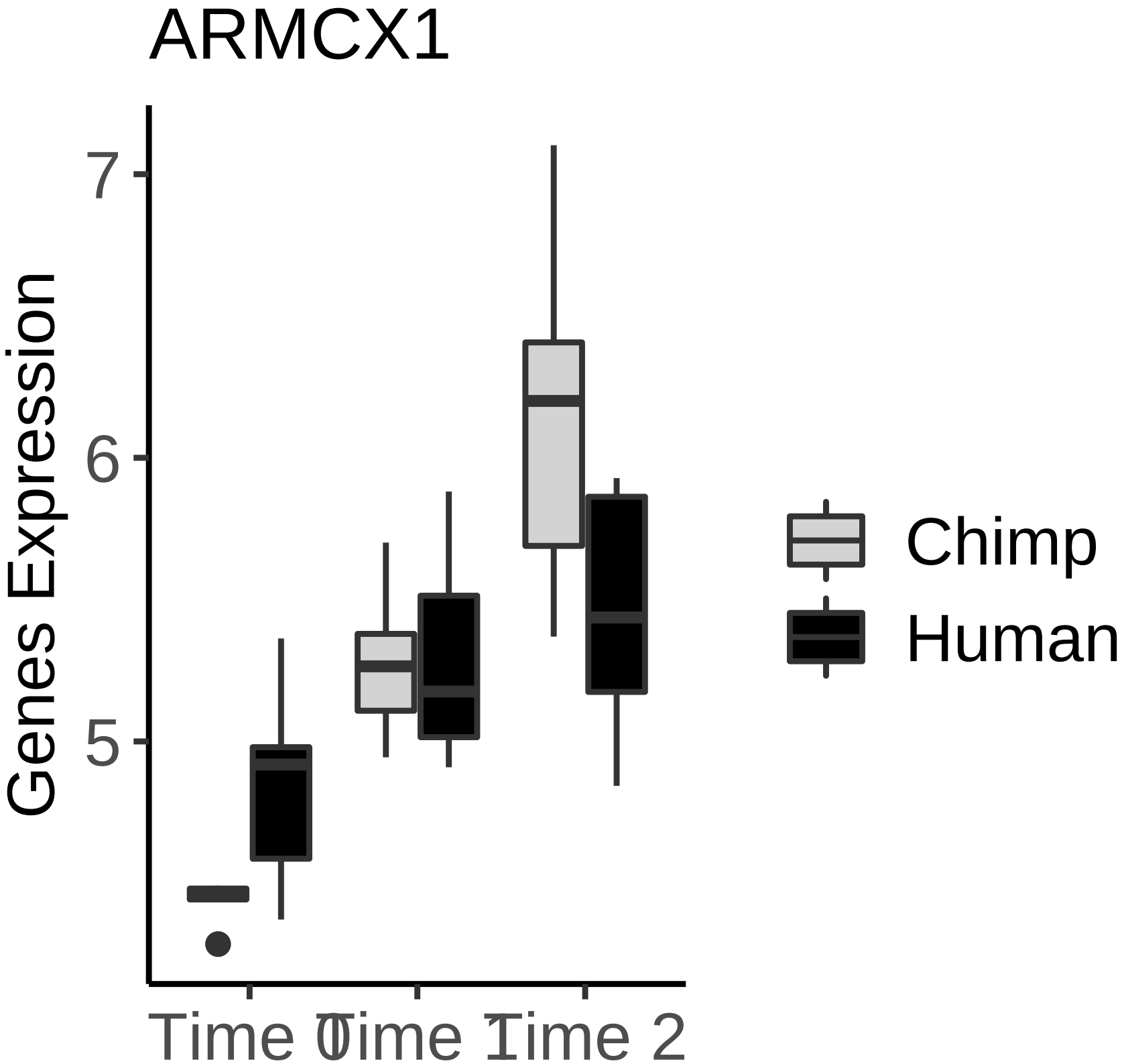
ARMCX1
Genes Expression
7
6
5
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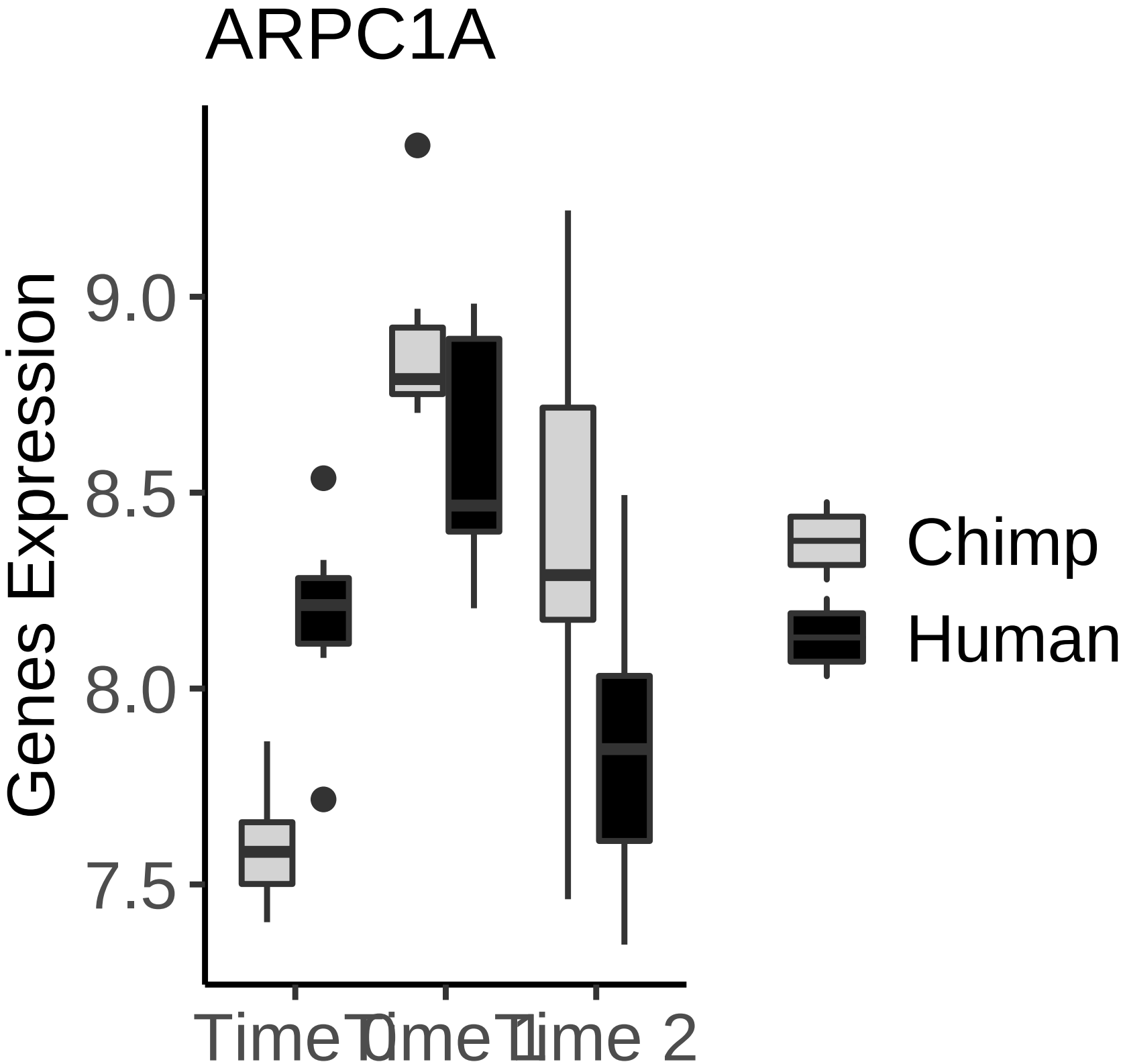
Time 1
Time 2
Chimp
Human


ARPC1A
Genes Expression
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8.0
7.5
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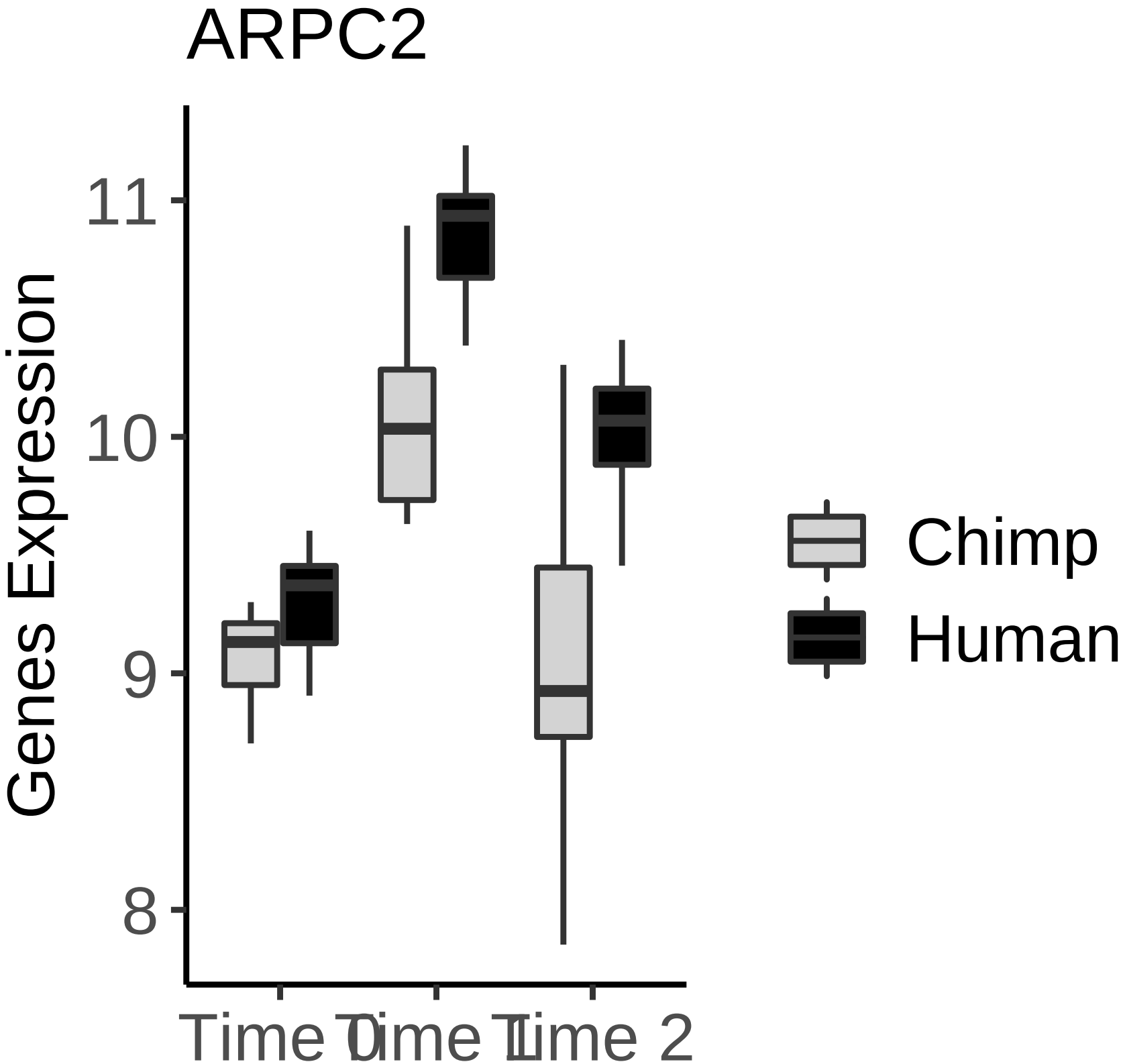
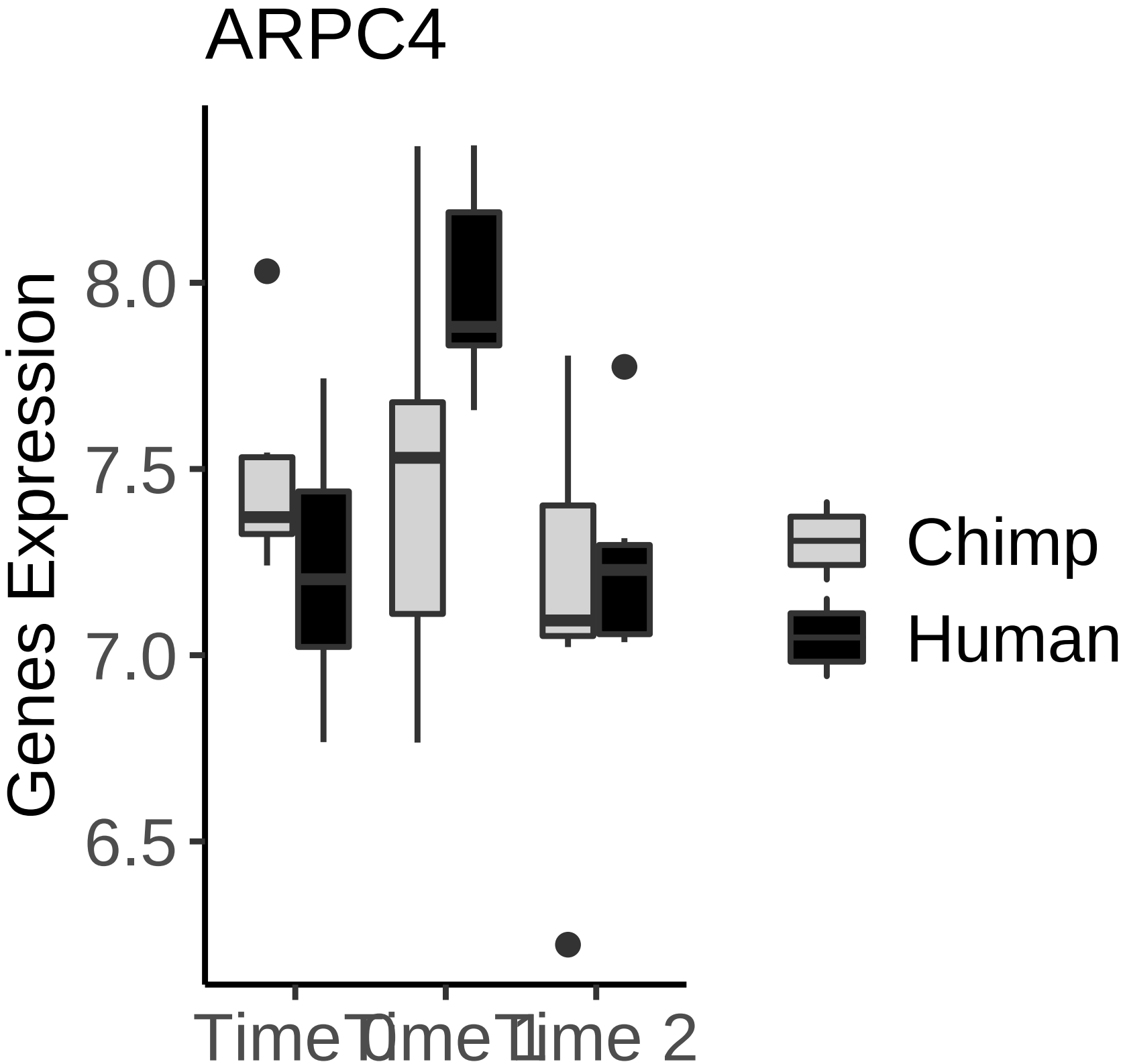
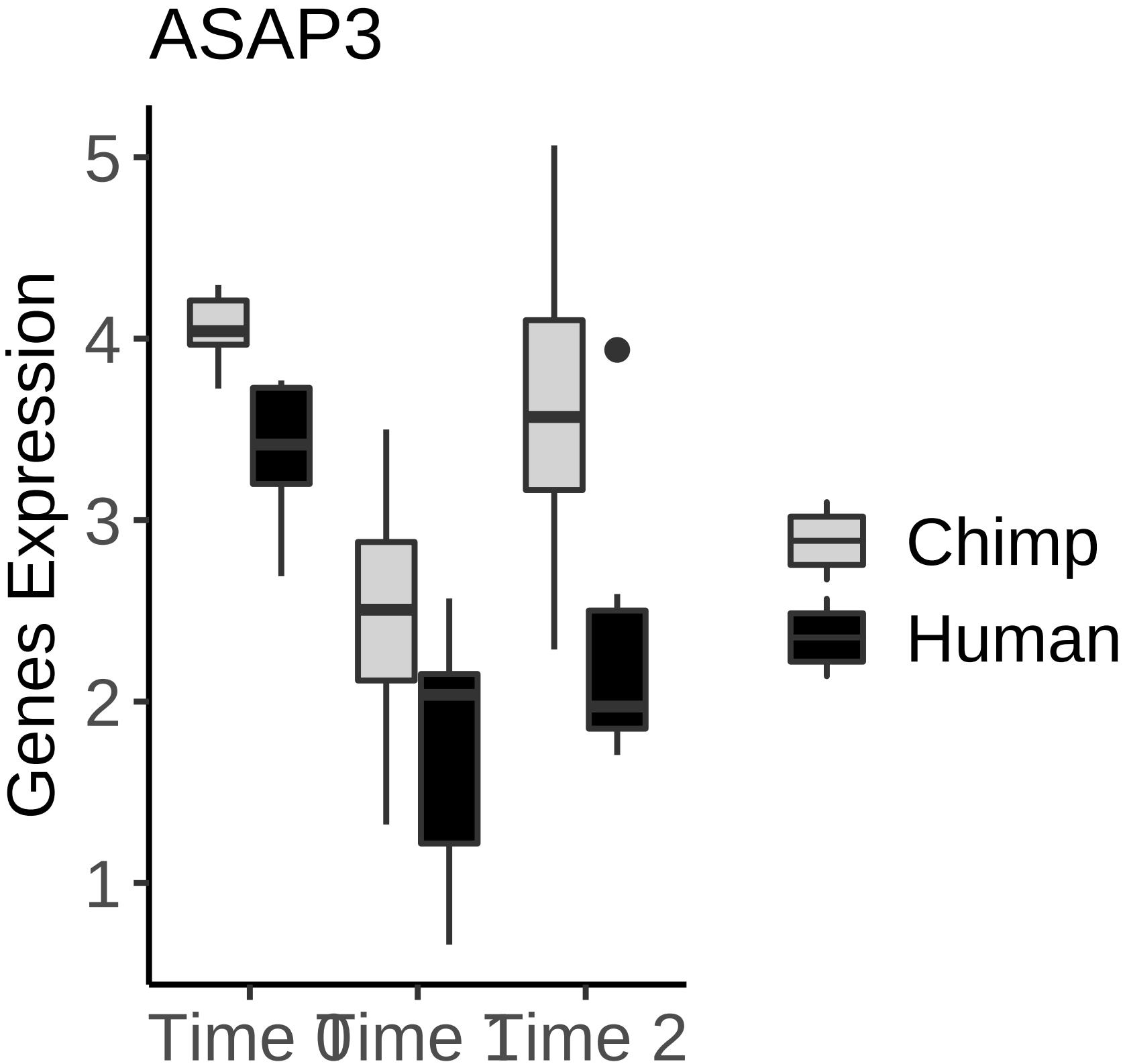
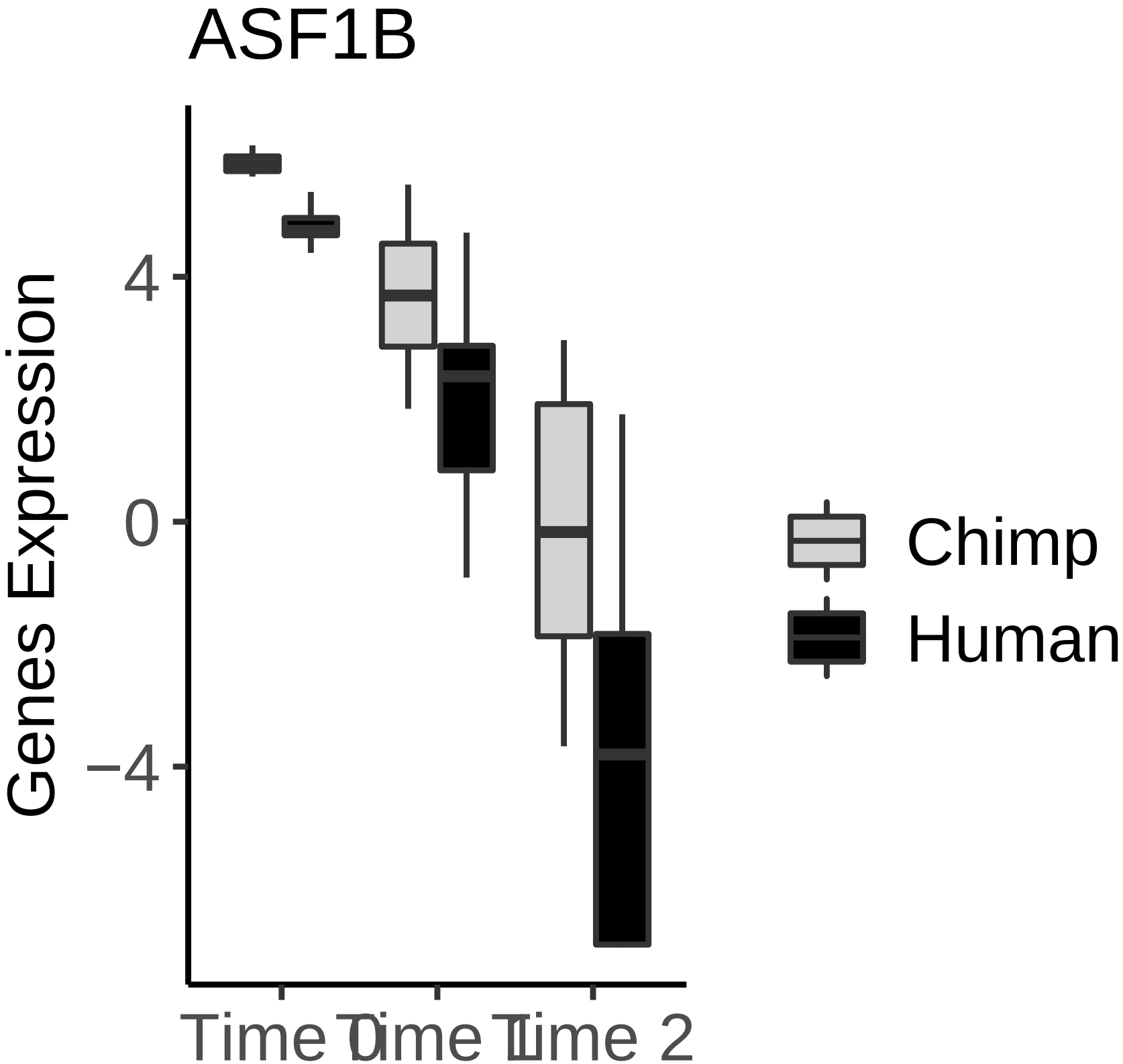
Time 1
Time 2
Chimp
Human


ARPC2
Genes Expression
11
10
9
8
Time 0
Time 1
Time 2
Chimp
Human


ARPC4
Genes Expression
8.0
7.5
7.0
6.5
Time 0
Time 1
Time 2
Chimp
Human


ASAP3
Genes Expression
5
4
3
2
1
Time 0
Time 1
Time 2
Chimp
Human


ASF1B
Genes Expression
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Time 1
Time 2
Chimp
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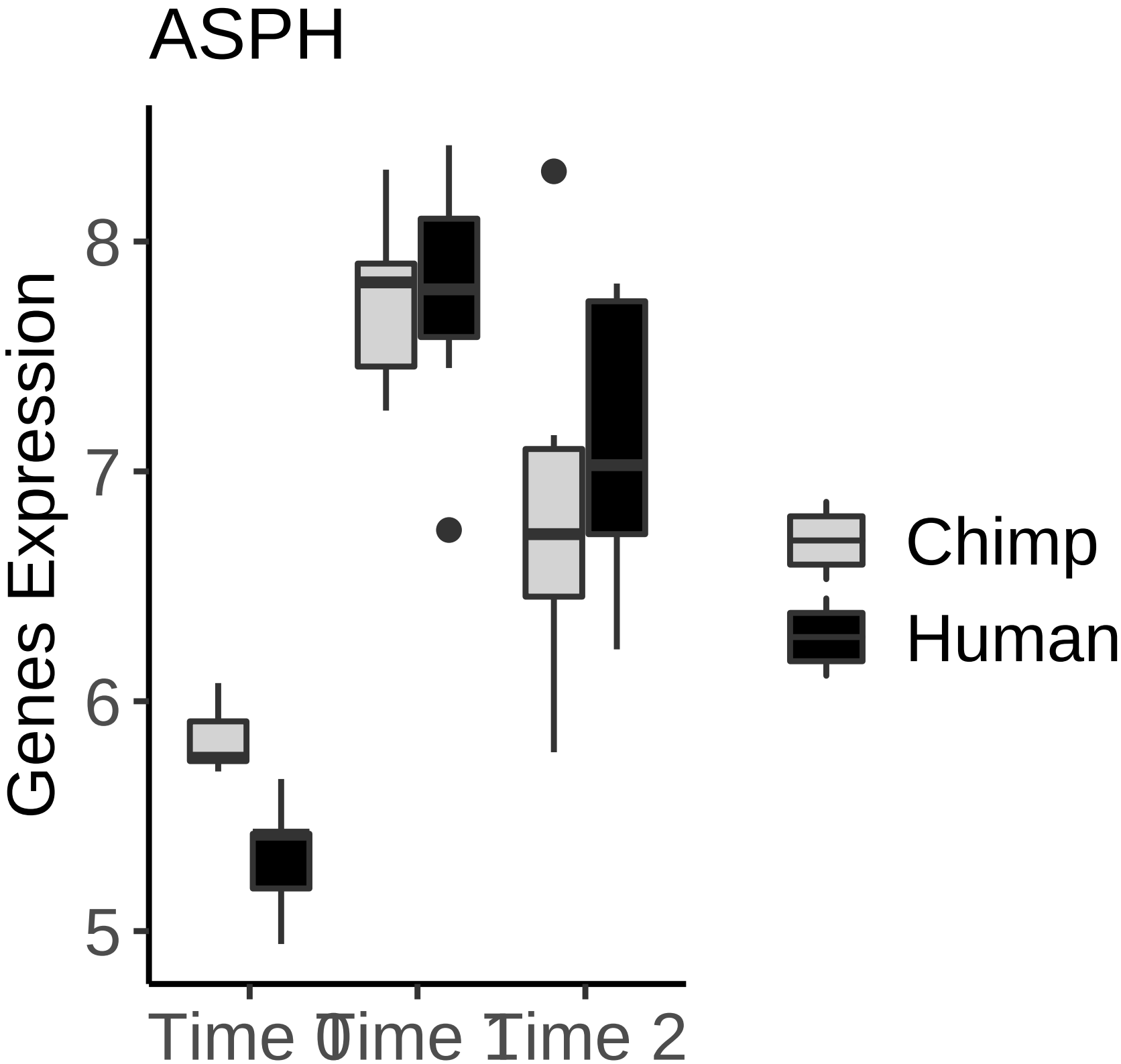
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Genes Expression
8
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6
5
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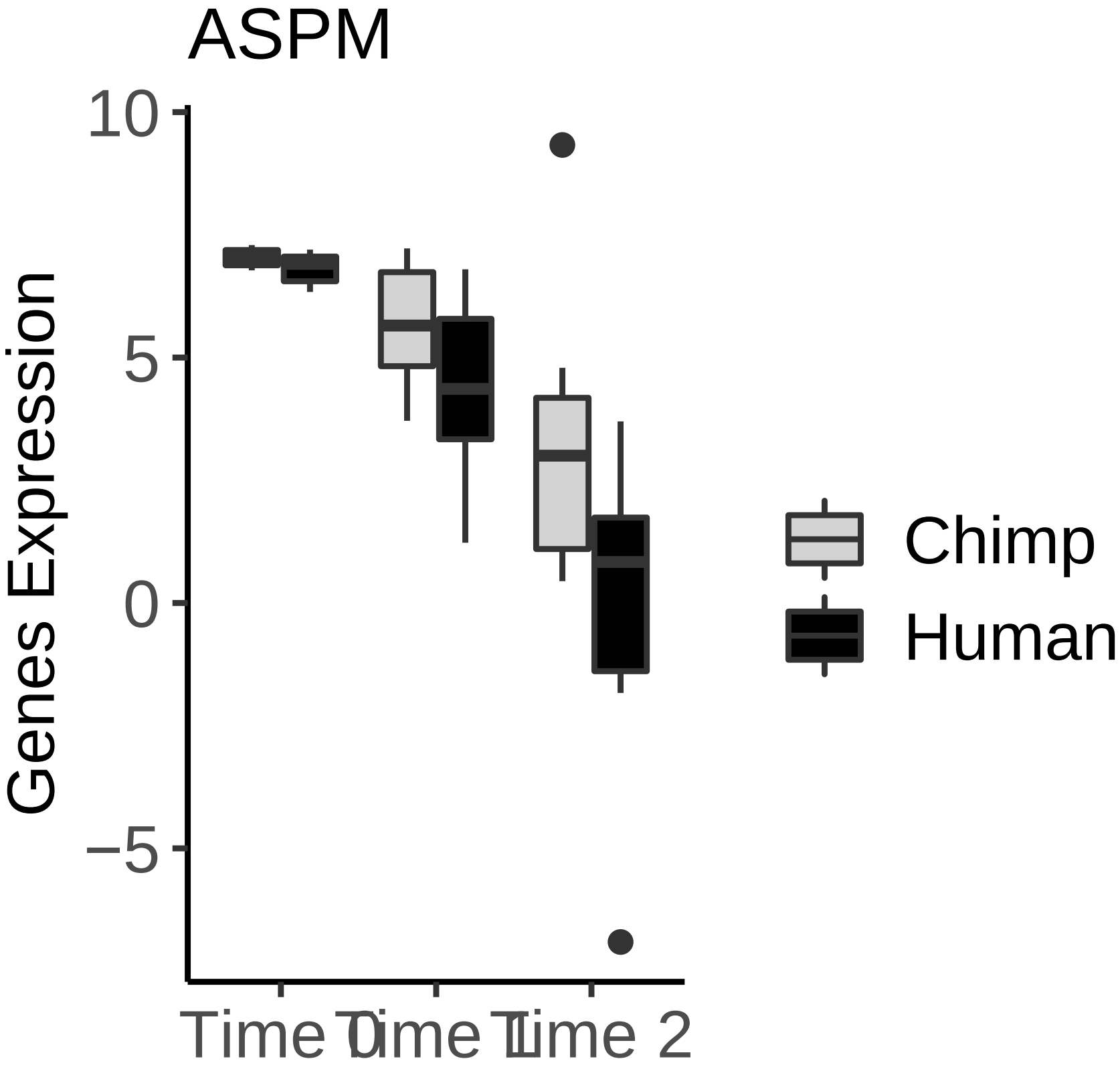
Time 1
Time 2
Chimp
Human


ASPM
Genes Expression
10
5
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−5
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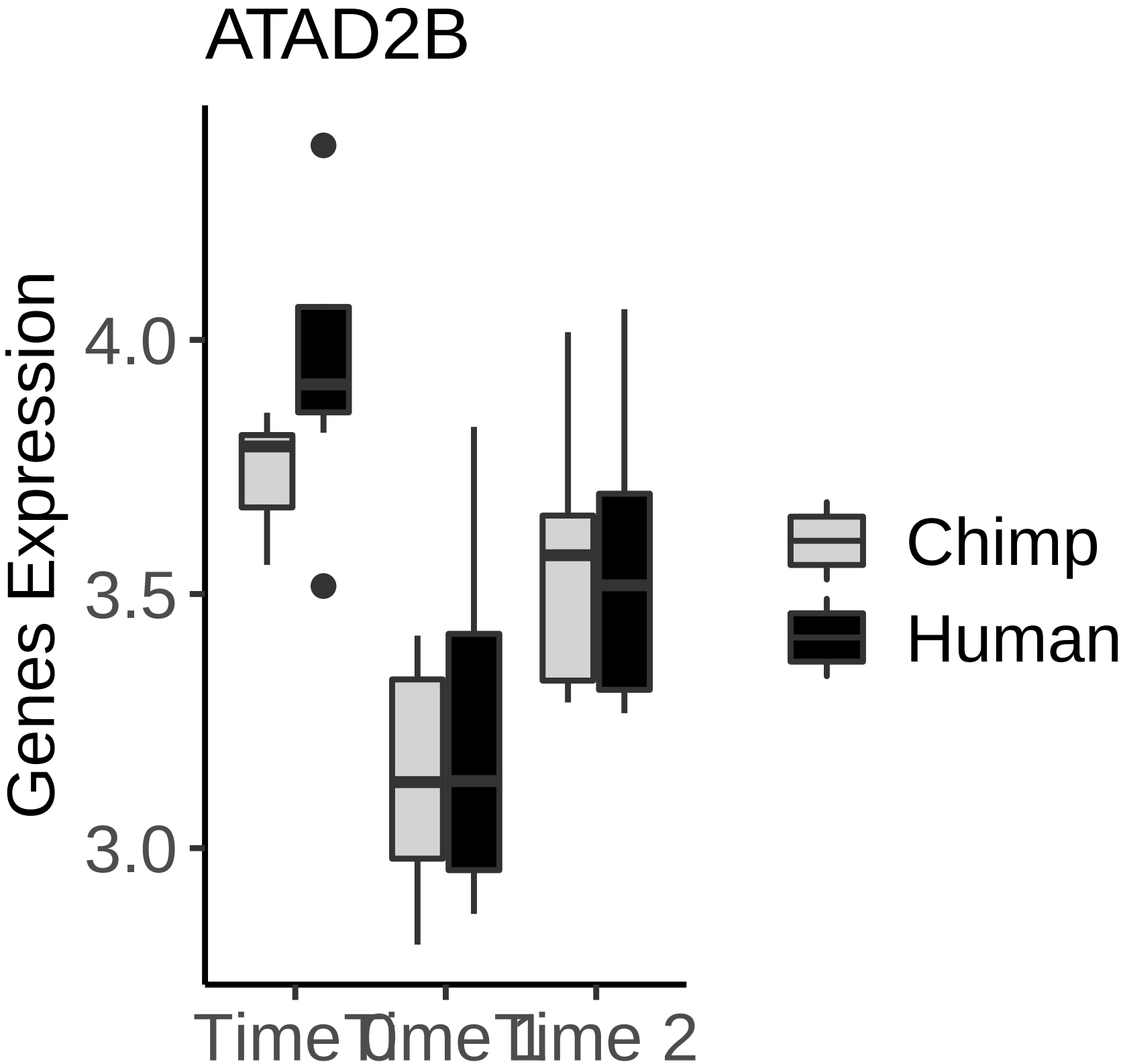
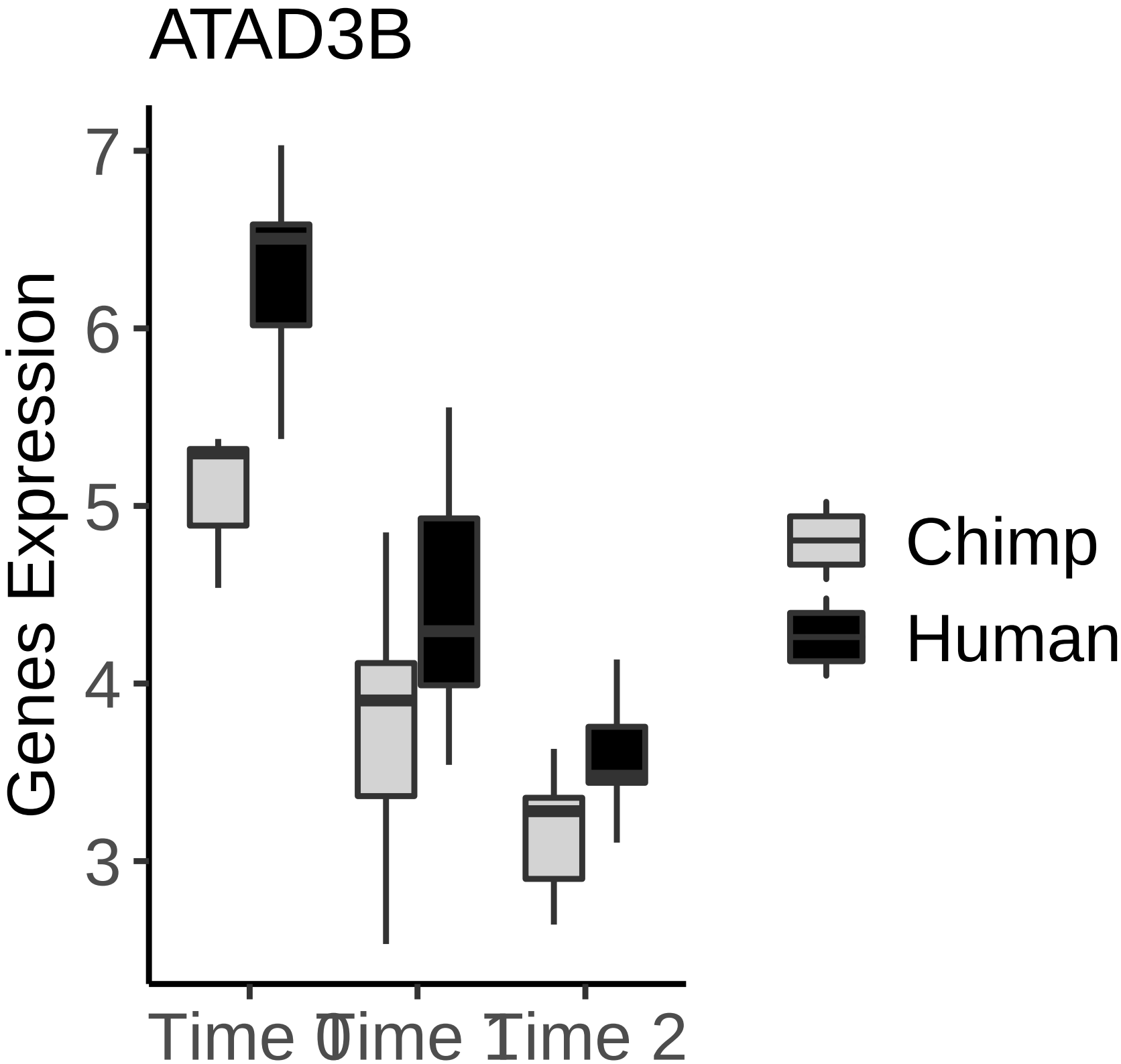
Time 1
Time 2
Chimp
Human


ATAD2B
Genes Expression
4.0
3.5
3.0
Time 0
Time 1
Time 2
Chimp
Human


ATAD3B
Genes Expression
7
6
5
4
3
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Time 1
Time 2
Chimp
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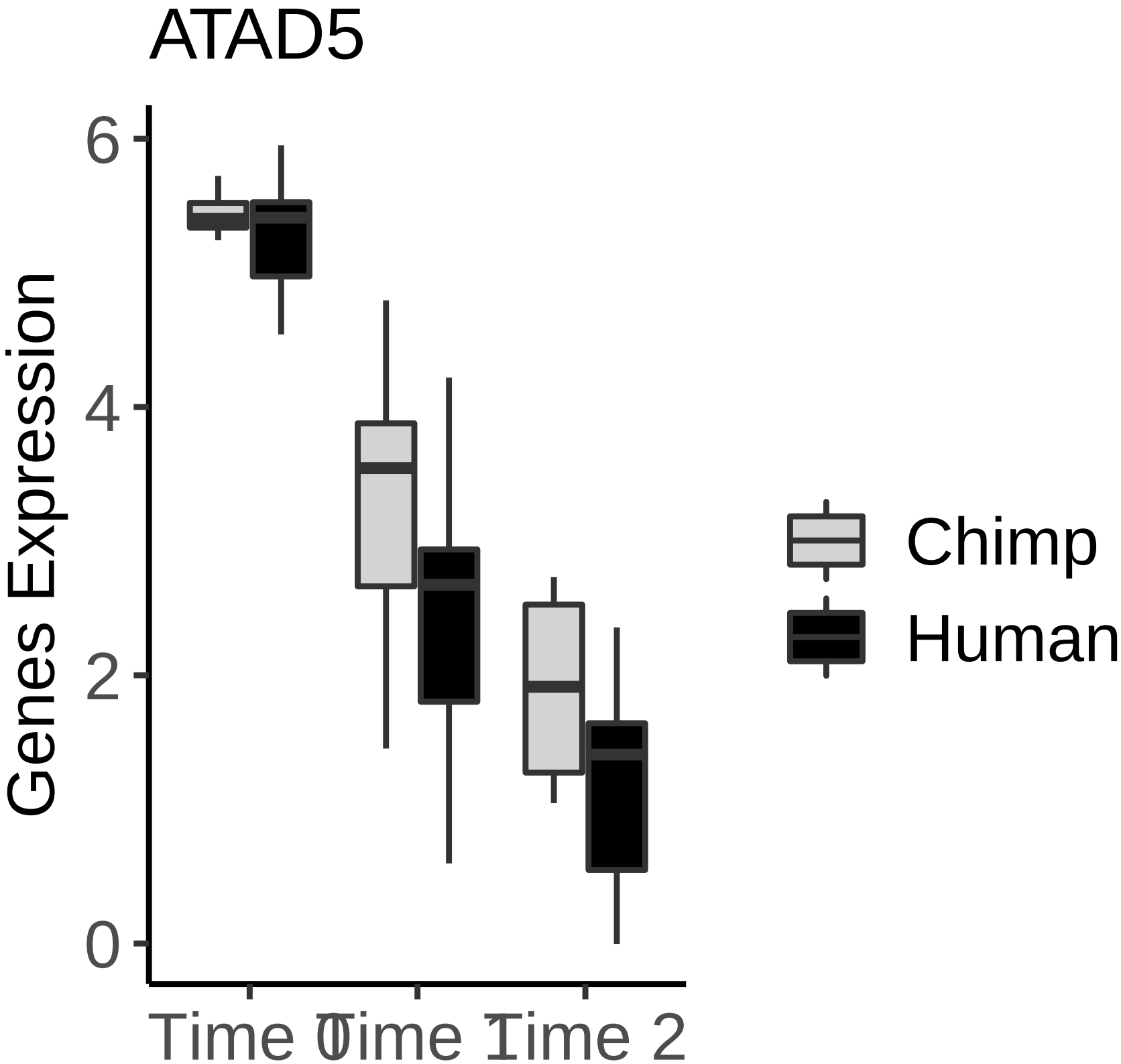
ATAD5
Genes Expression
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4
2
0
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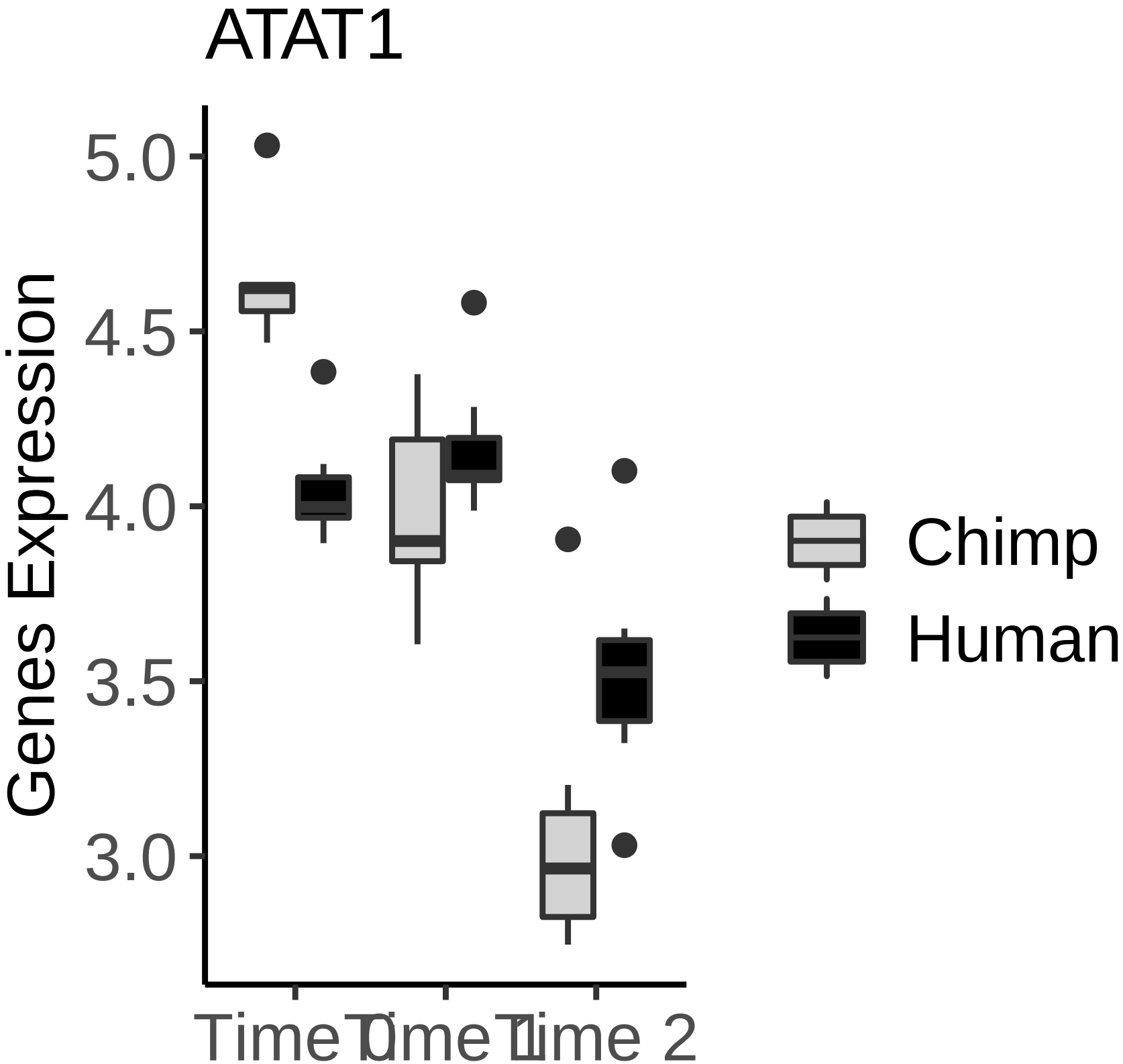
Time 1
Time 2
Chimp
Human


ATAT1
Genes Expression
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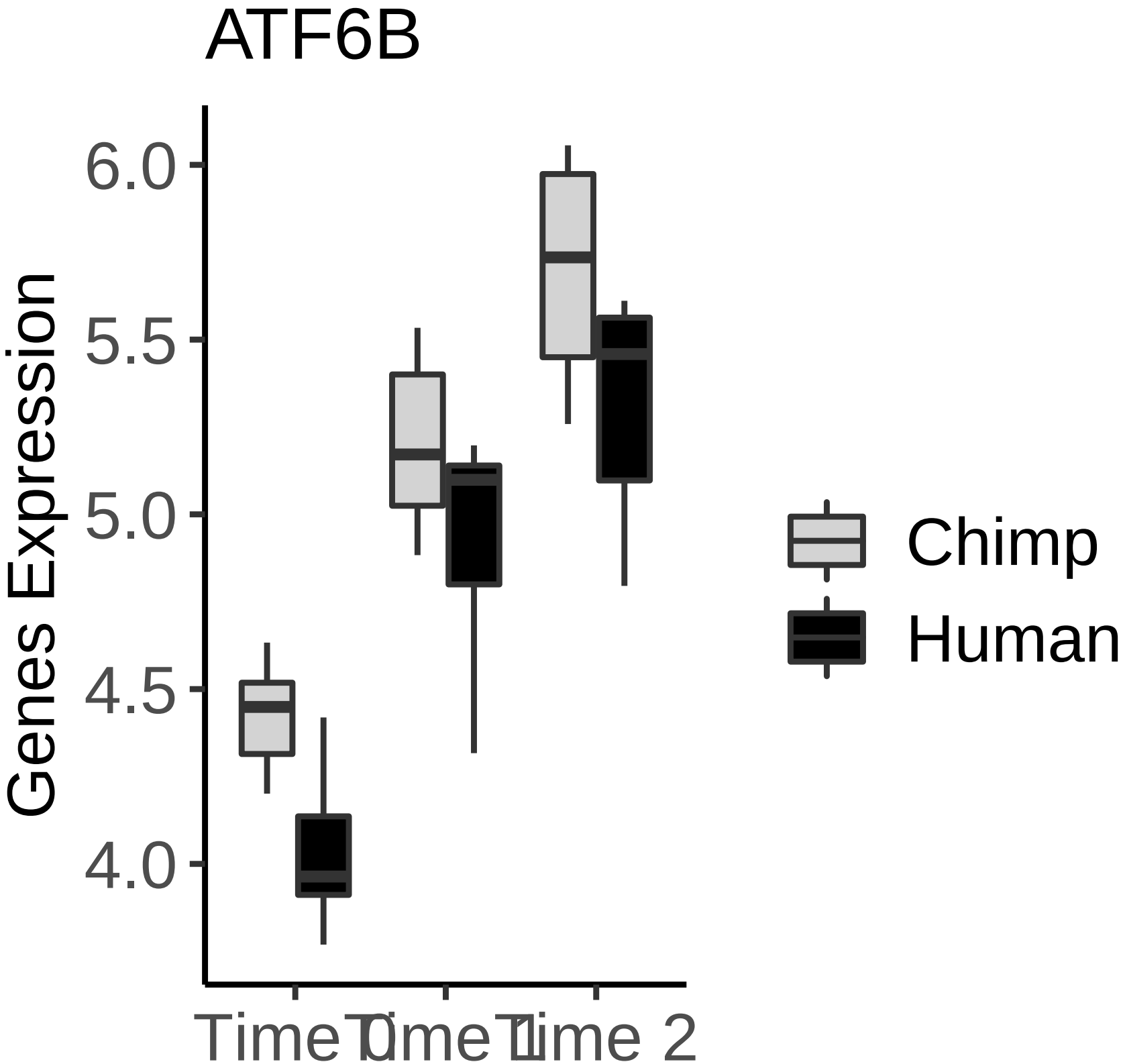
4.0
3.5
3.0
Time 0
Time 1
Time 2
Chimp
Human


ATF6B
Genes Expression
6.0
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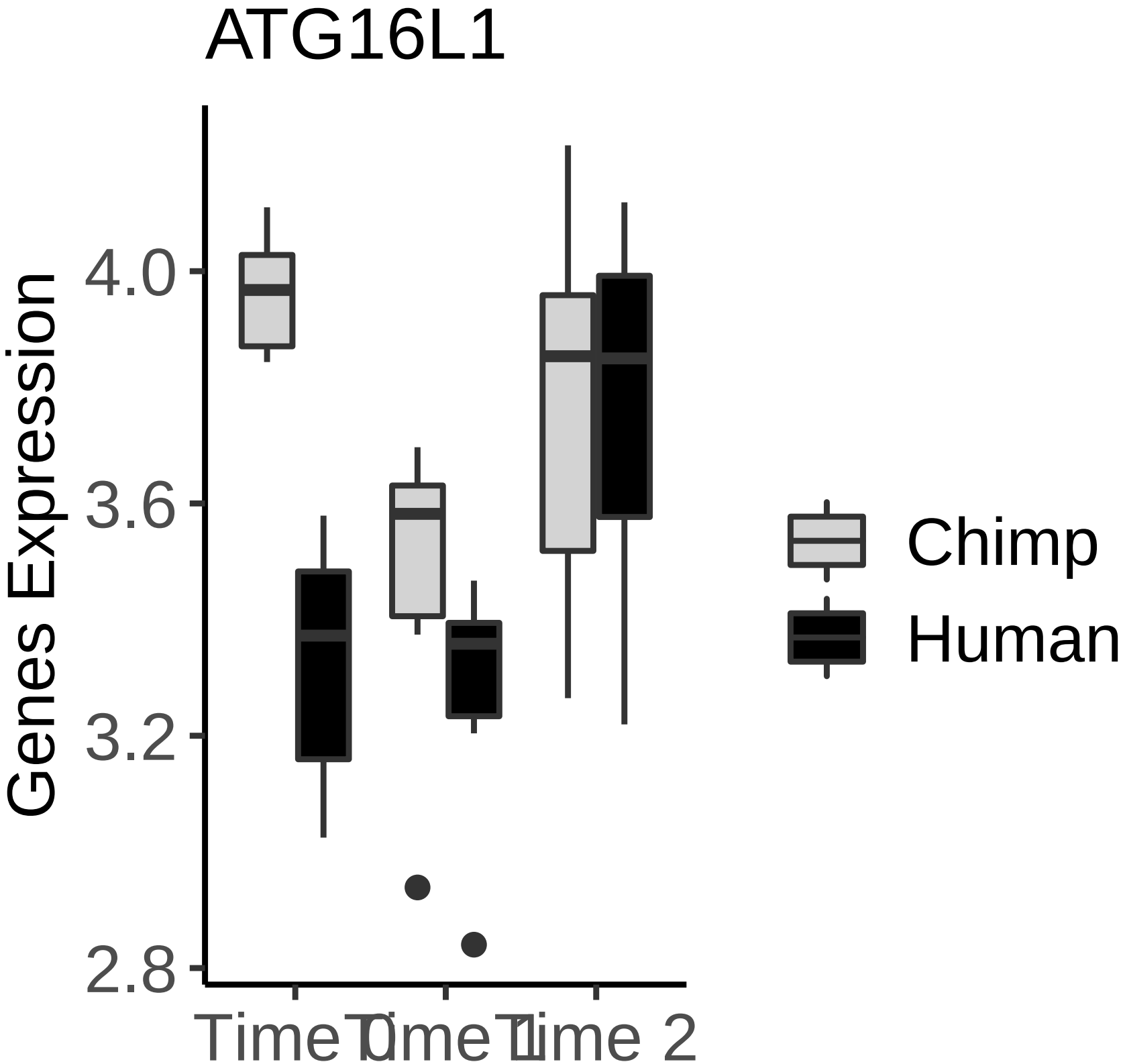
5.0
4.5
4.0
Time 0
Time 1
Time 2
Chimp
Human


ATG16L1
Genes Expression
4.0
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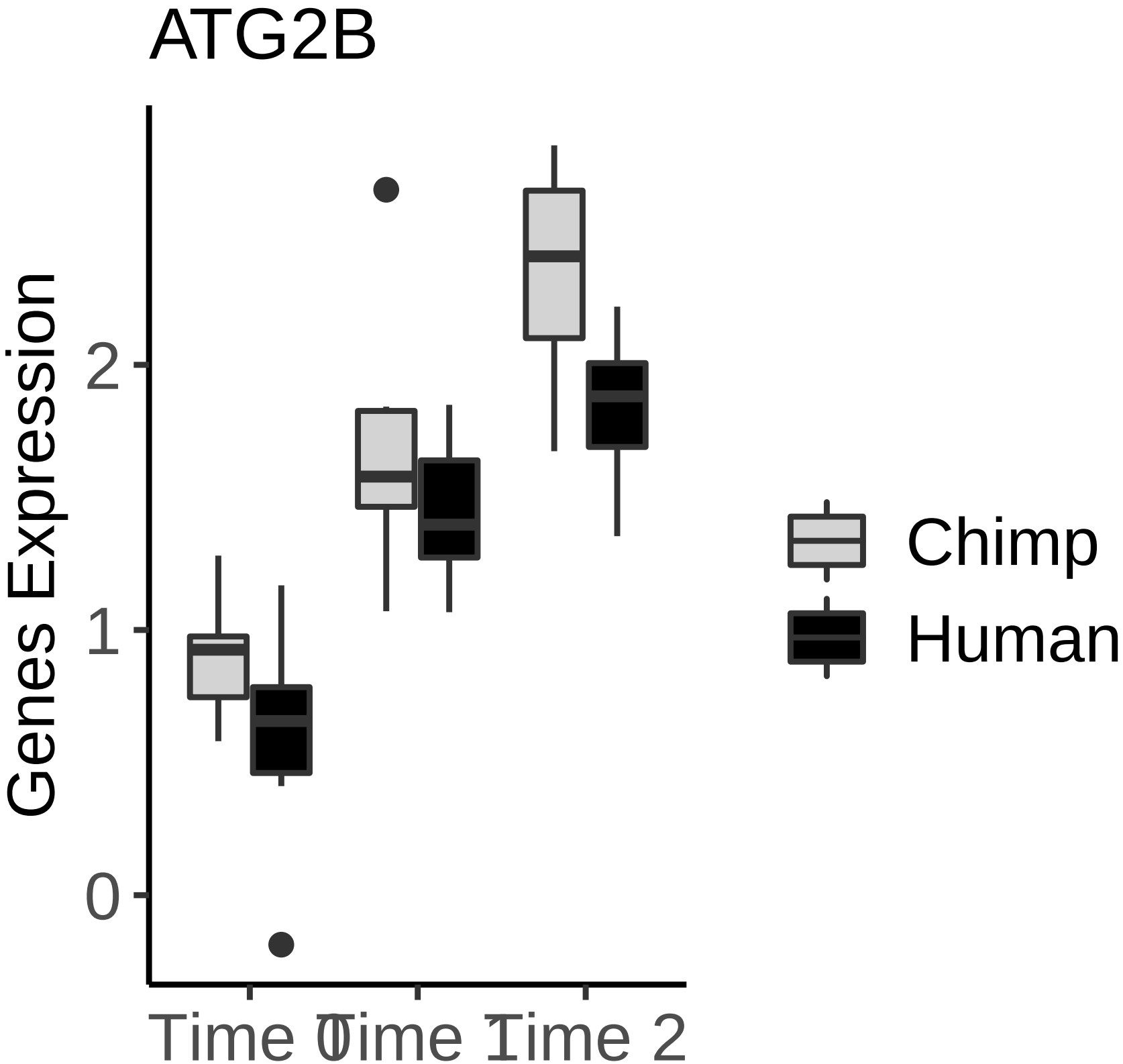
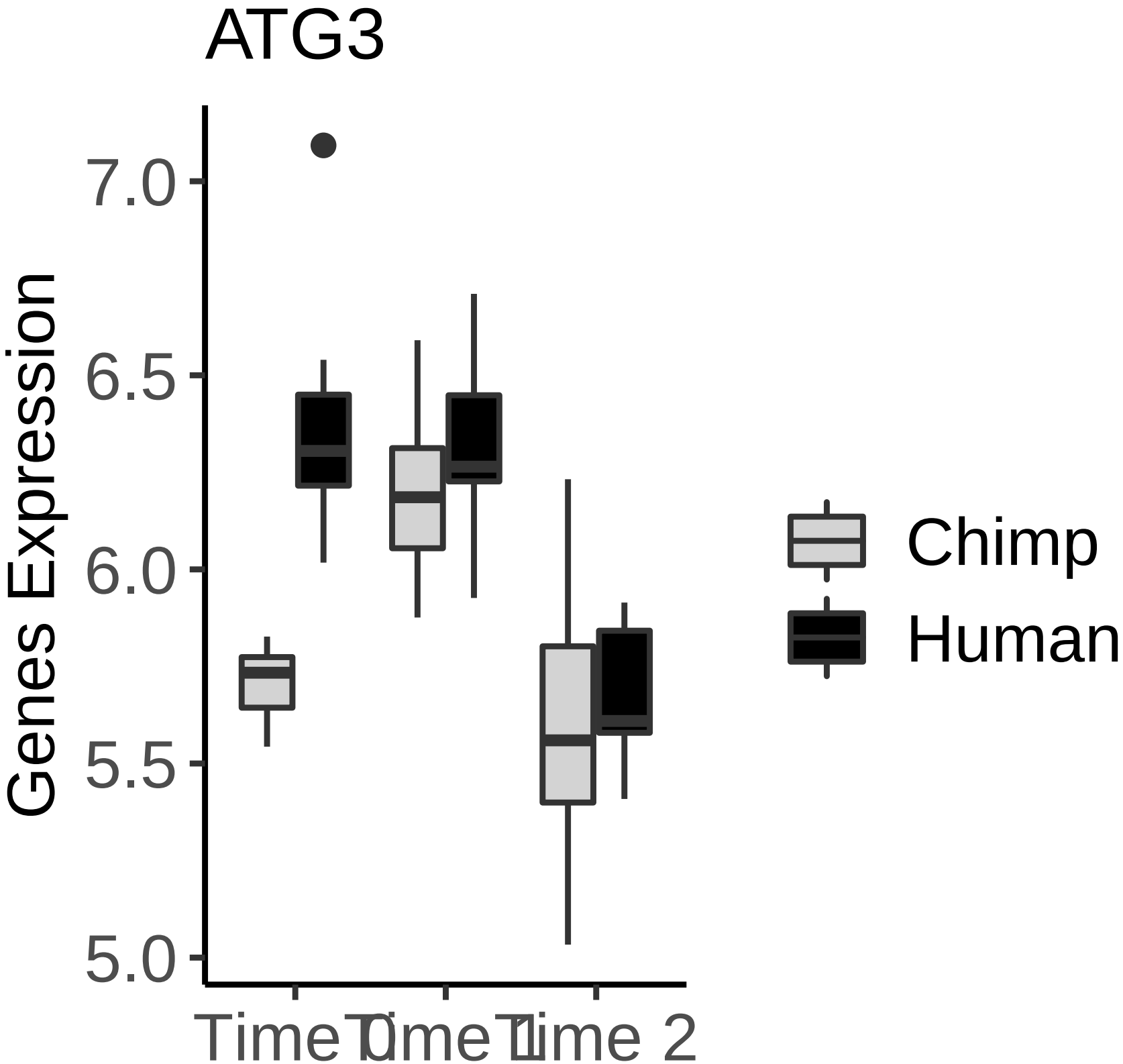
3.2
2.8
Time 0
Time 1
Time 2
Chimp
Human


ATG2B
Genes Expression
2
1
0
Time 0
Time 1
Time 2
Chimp
Human


ATG3
Genes Expression
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5.0
Time 0
Time 1
Time 2
Chimp
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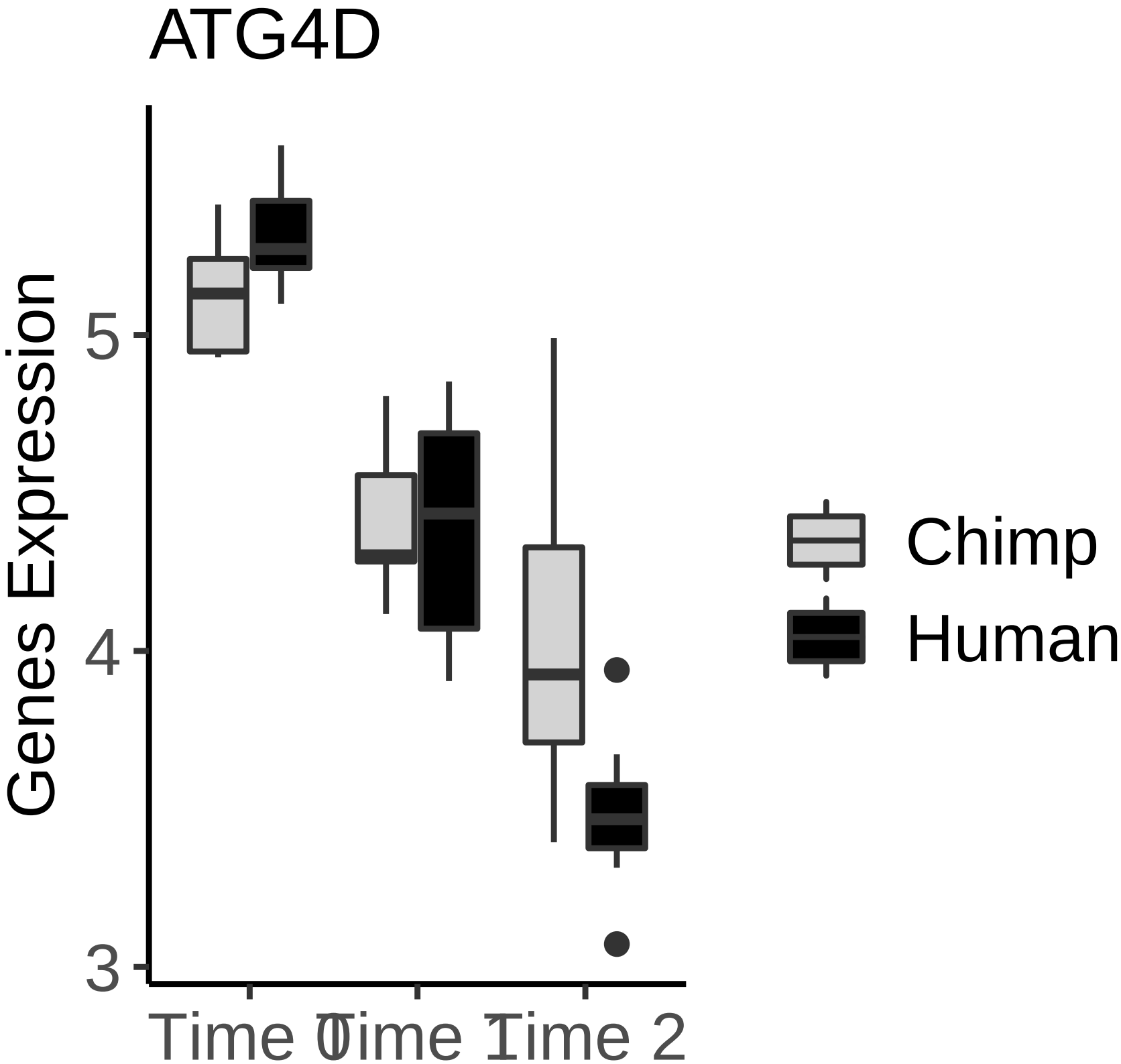
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5
4
3
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Time 2
Chimp
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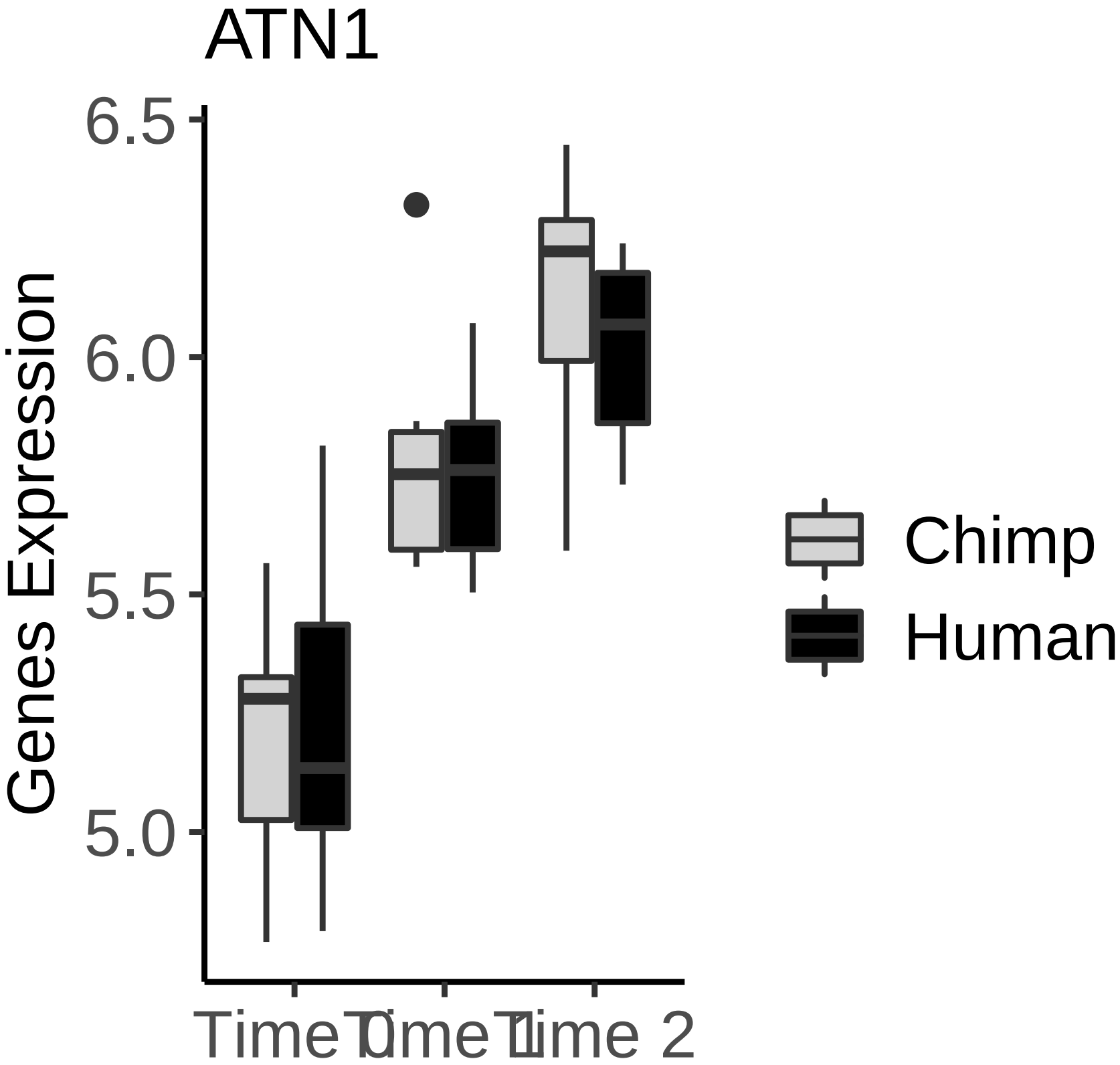
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Time 1
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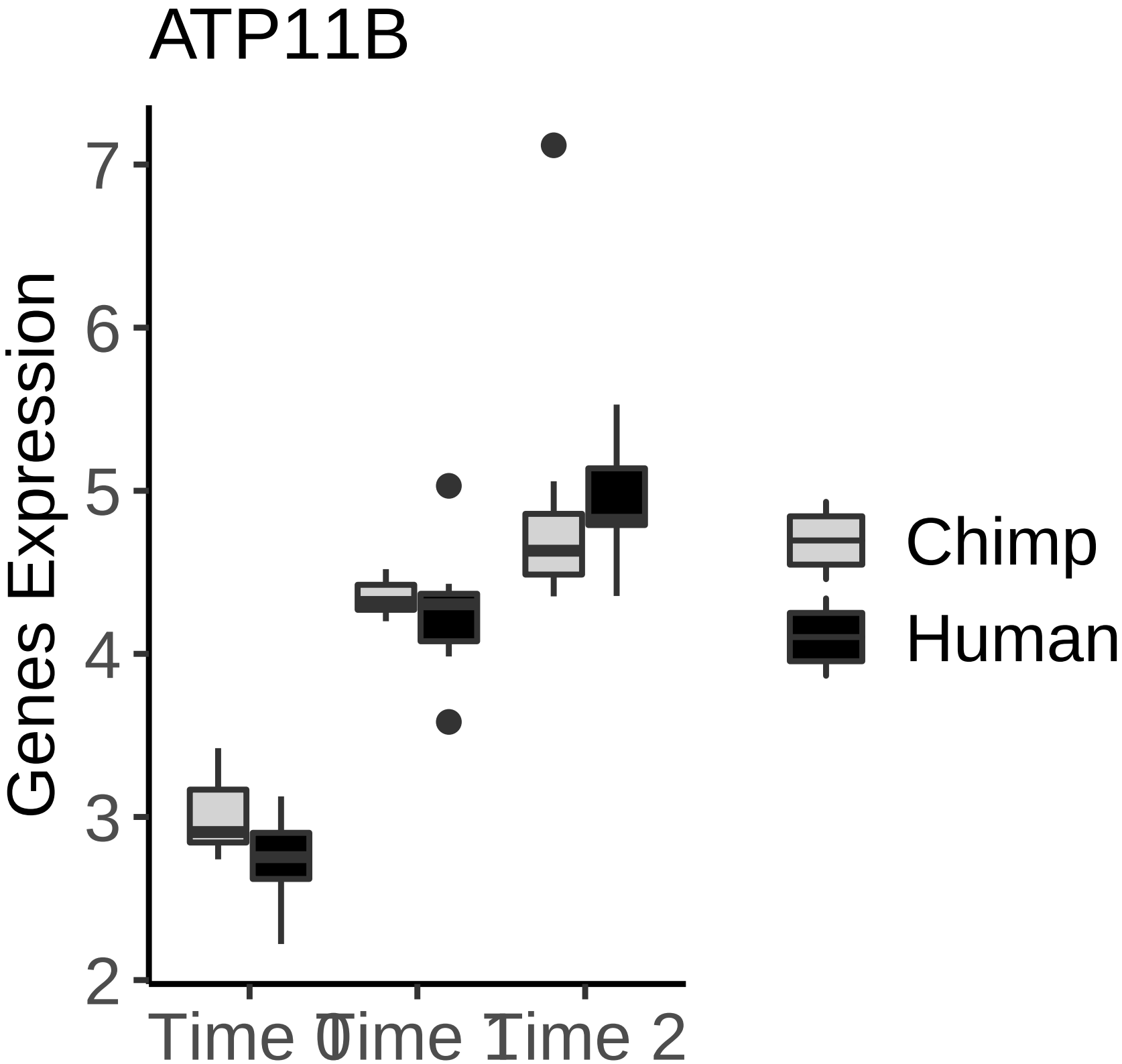
ATP11B
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4
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2
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Time 2
Chimp
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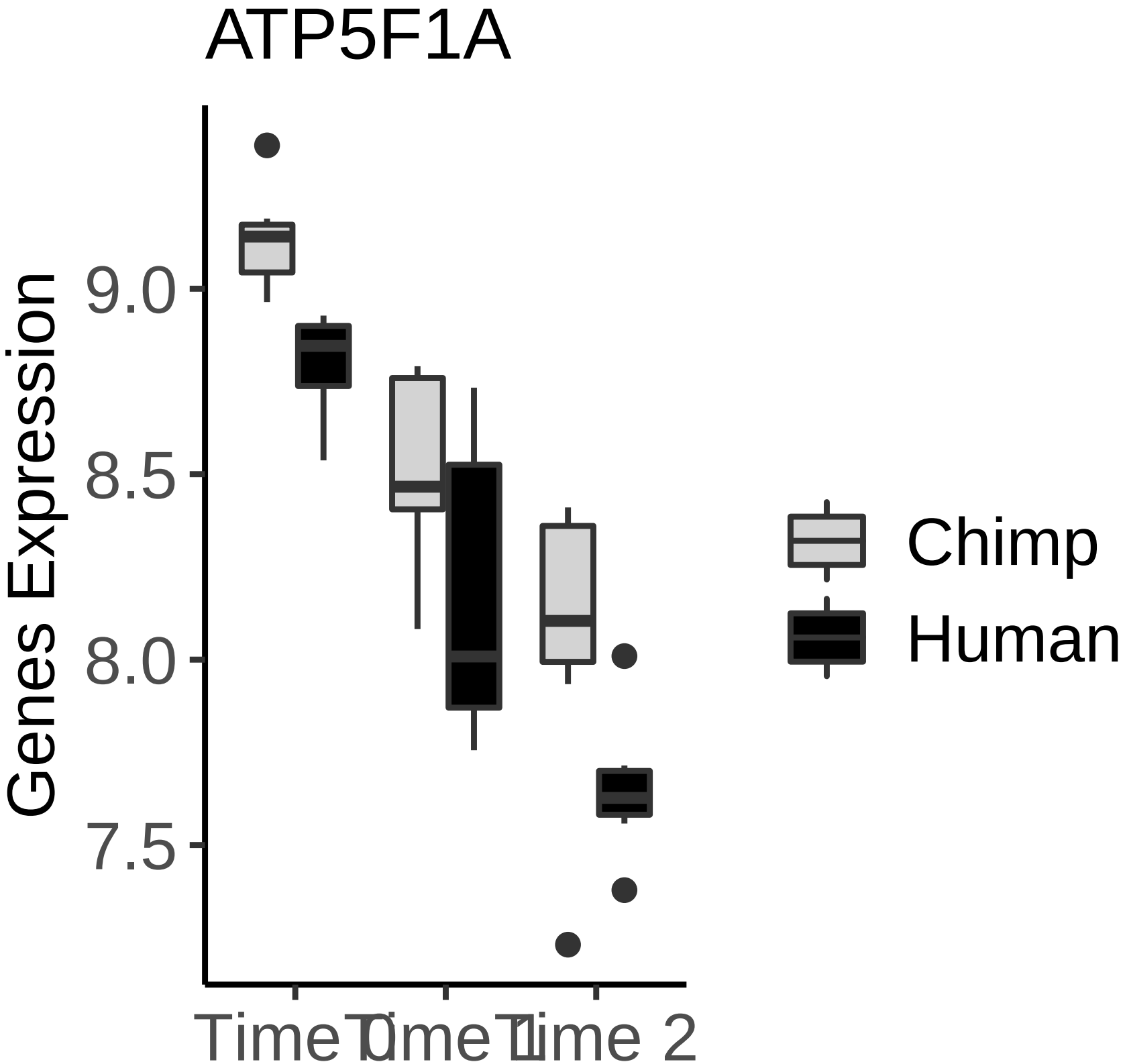
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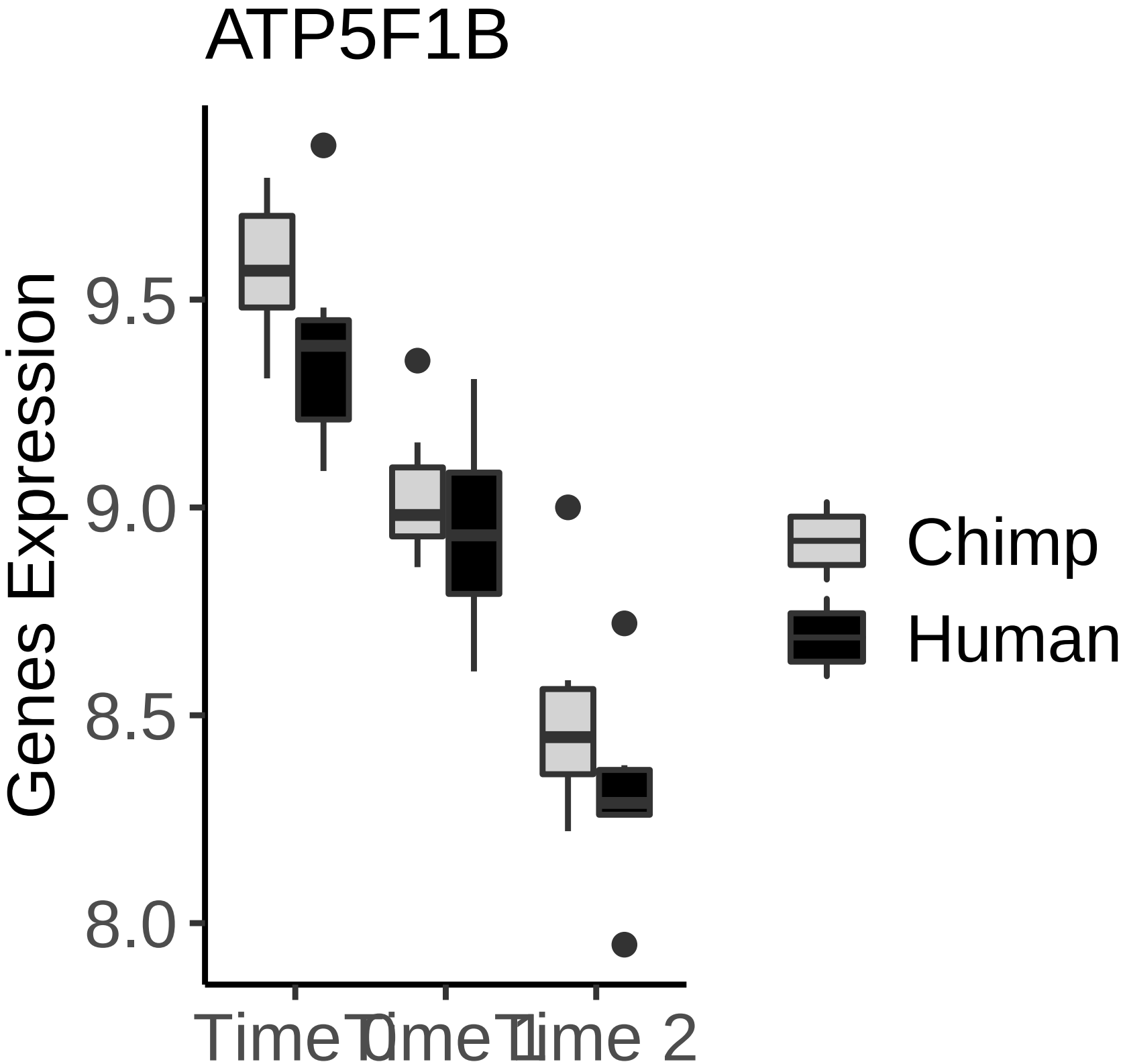
Time 1
Time 2
Chimp
Human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8.0
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Time 2
Chimp
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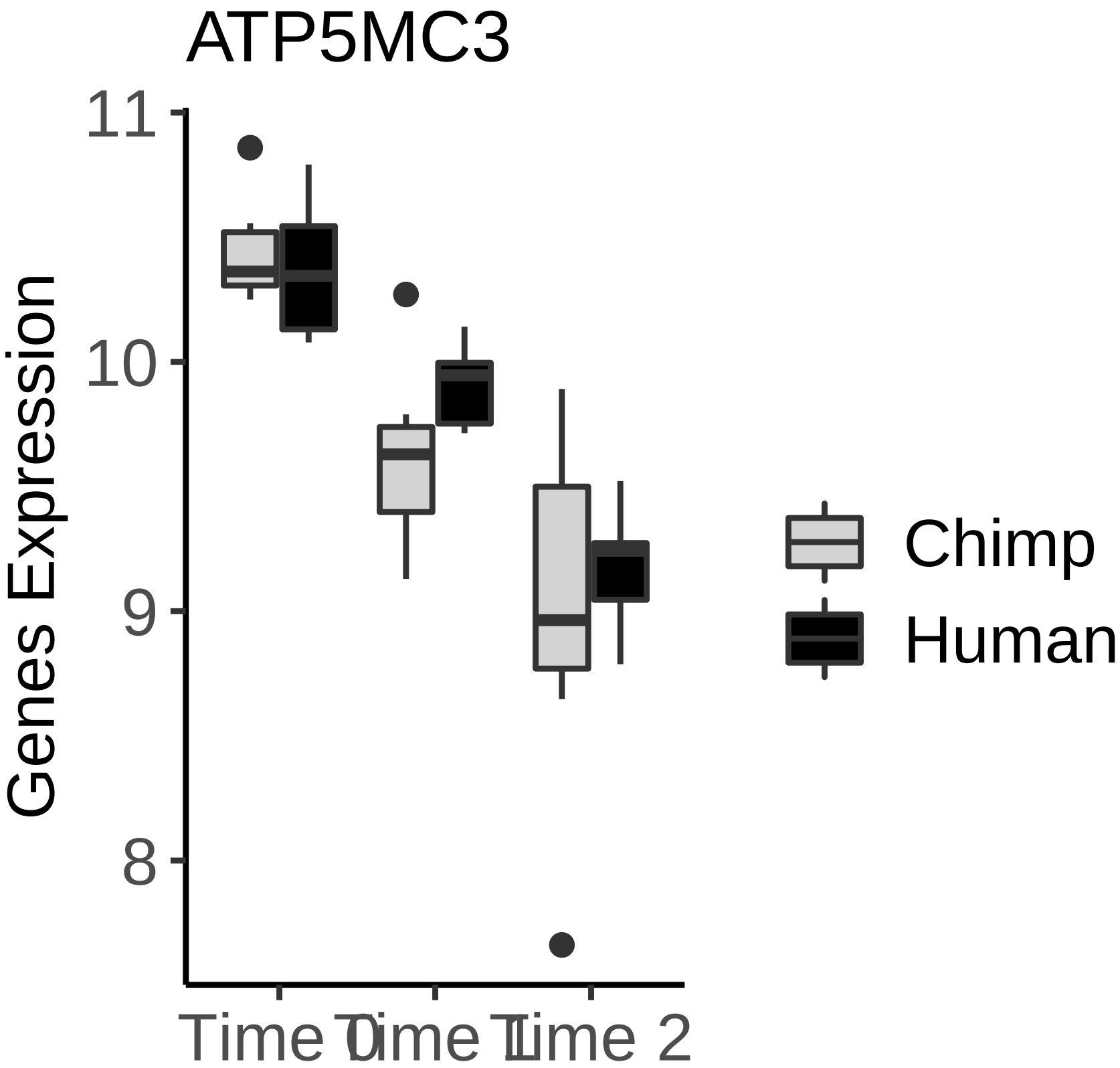
ATP5MC3
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10
9
8
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Time 1
Time 2
Chimp
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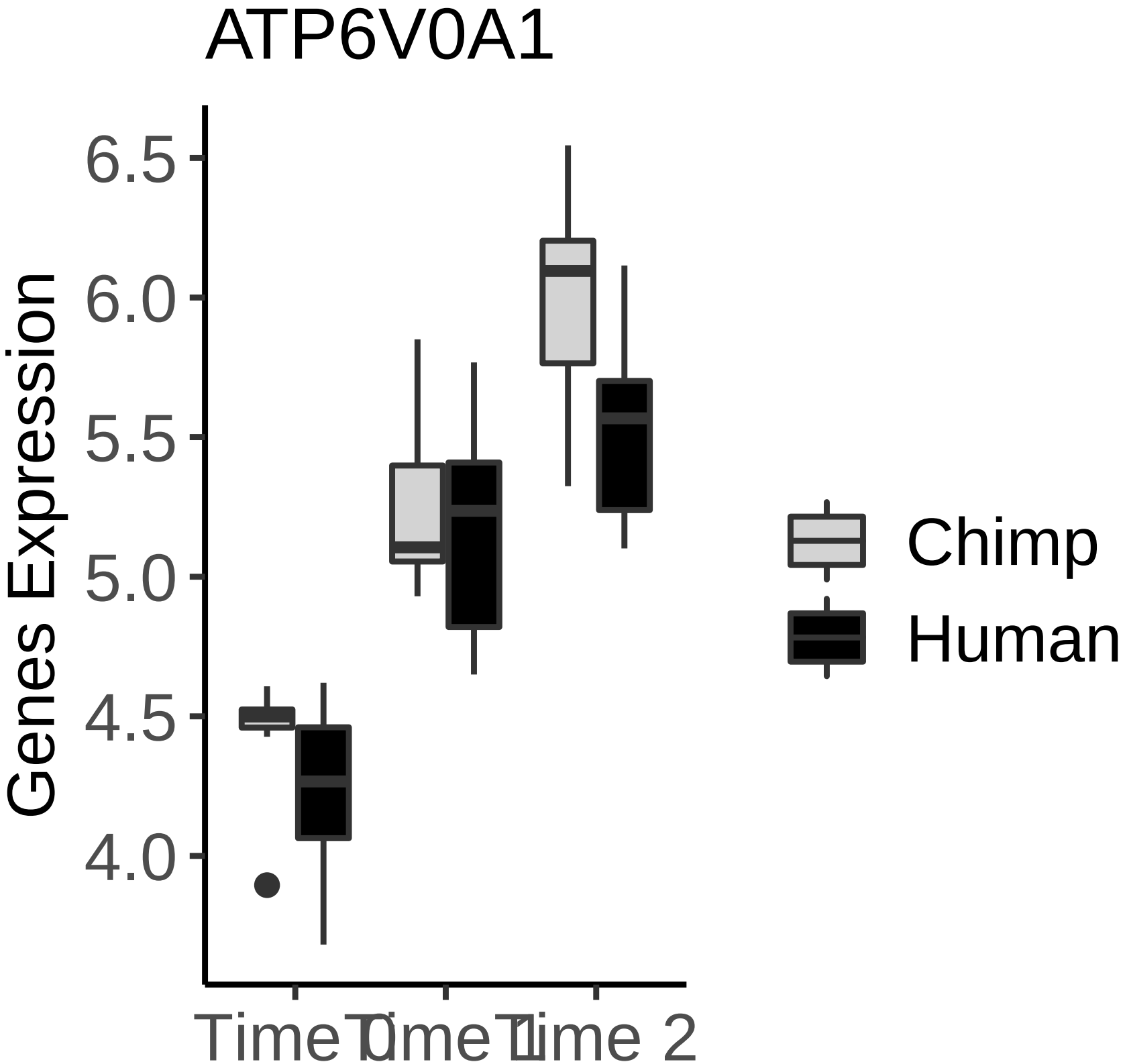
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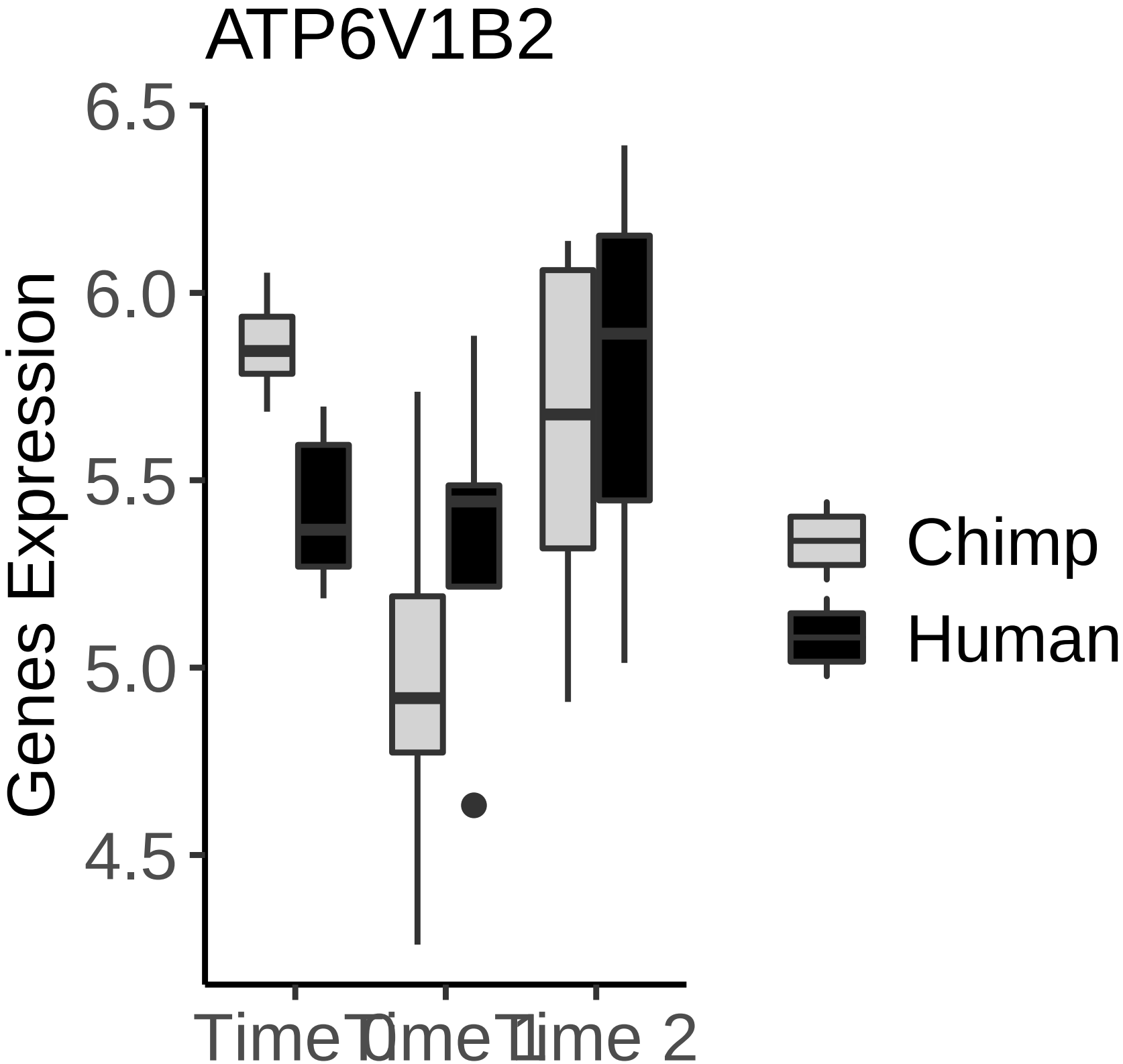
4.5
4.0
Time 0
Time 1
Time 2
Chimp
Human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4.5
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Time 2
Chimp
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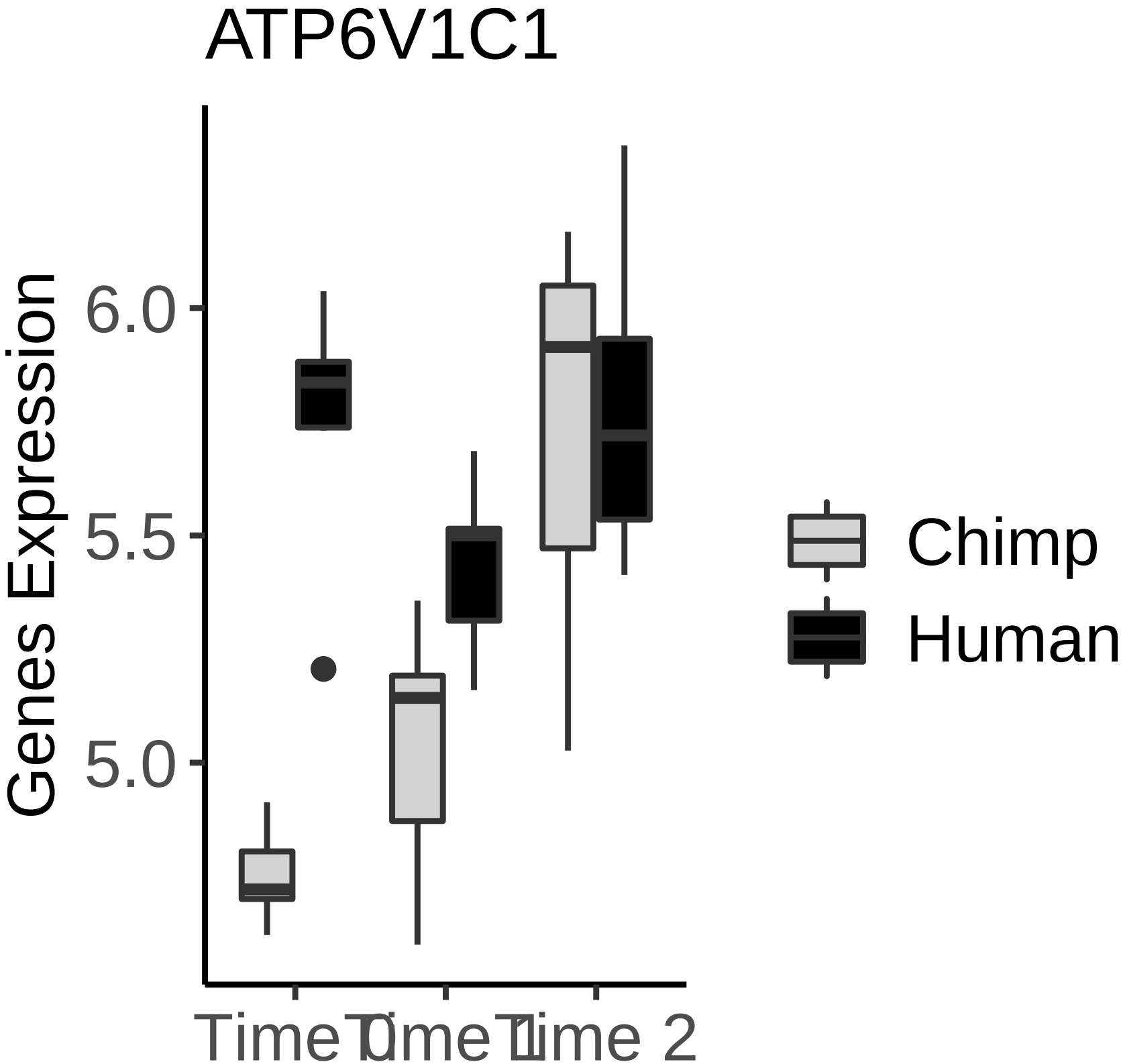
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Time 1
Time 2
Chimp
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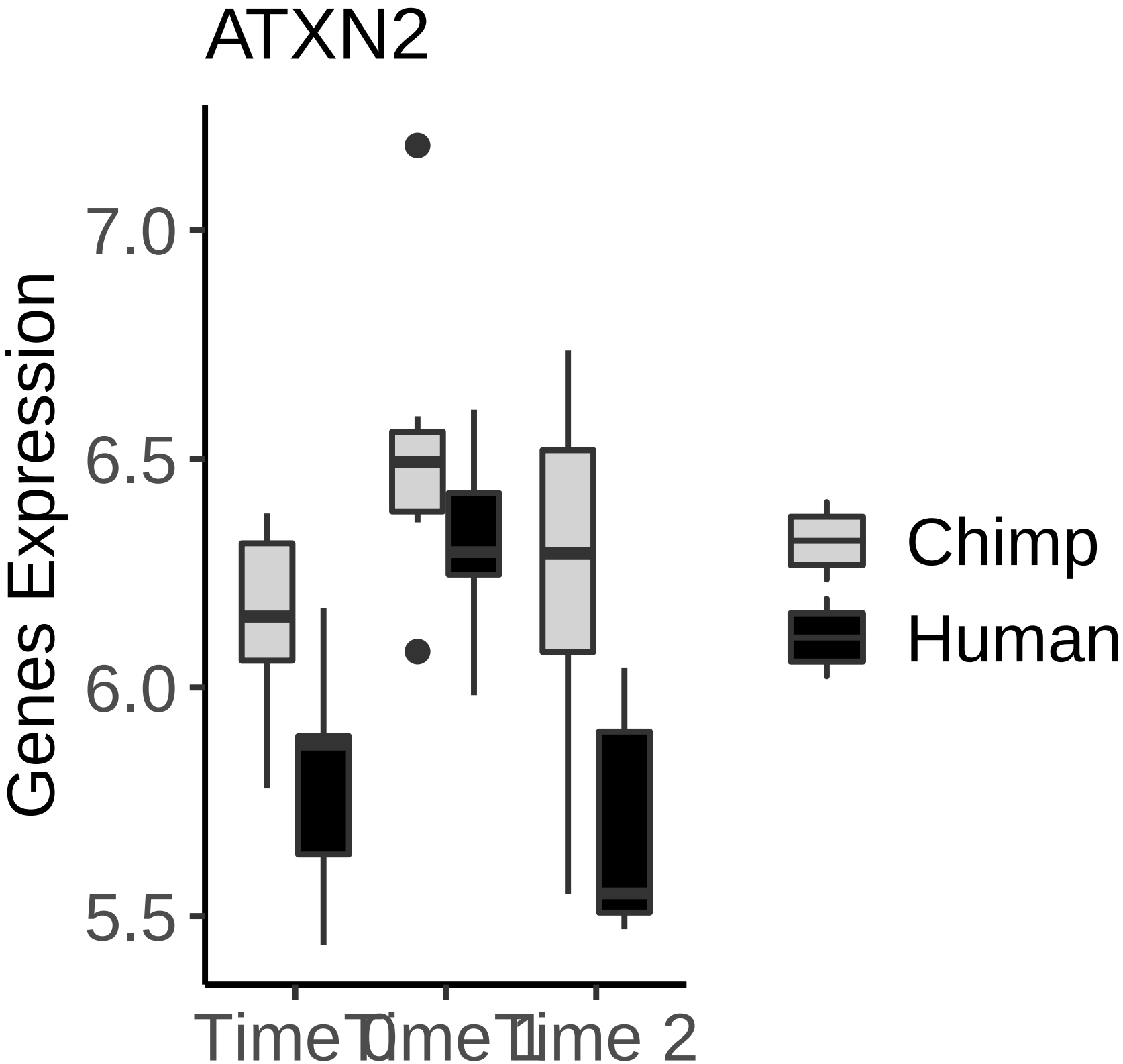
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Genes Expression
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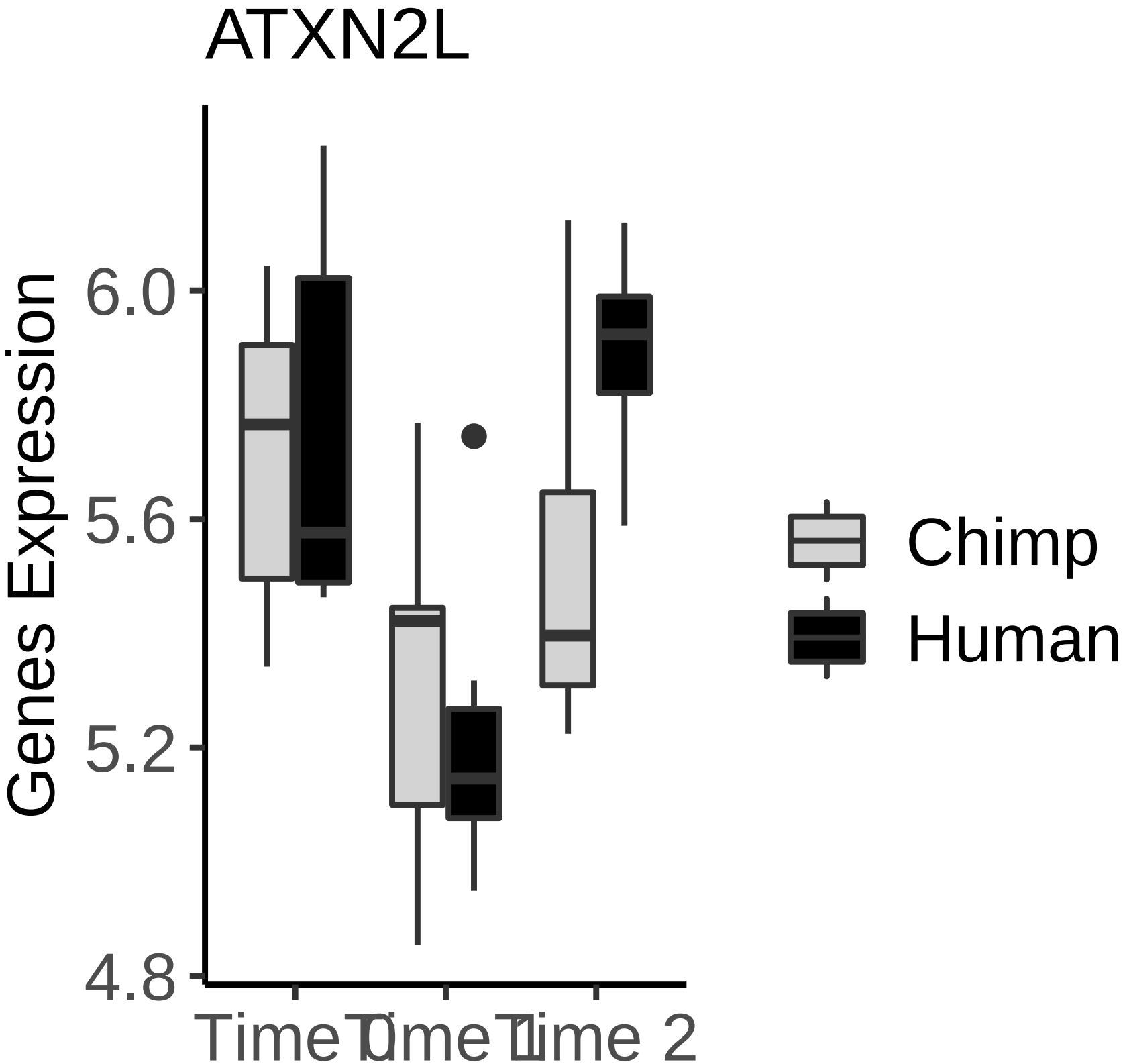
6.0
5.5
Time 0
Time 1
Time 2
Chimp
Human


ATXN2L
Genes Expression
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5.2
4.8
Time 0
Time 1
Time 2
Chimp
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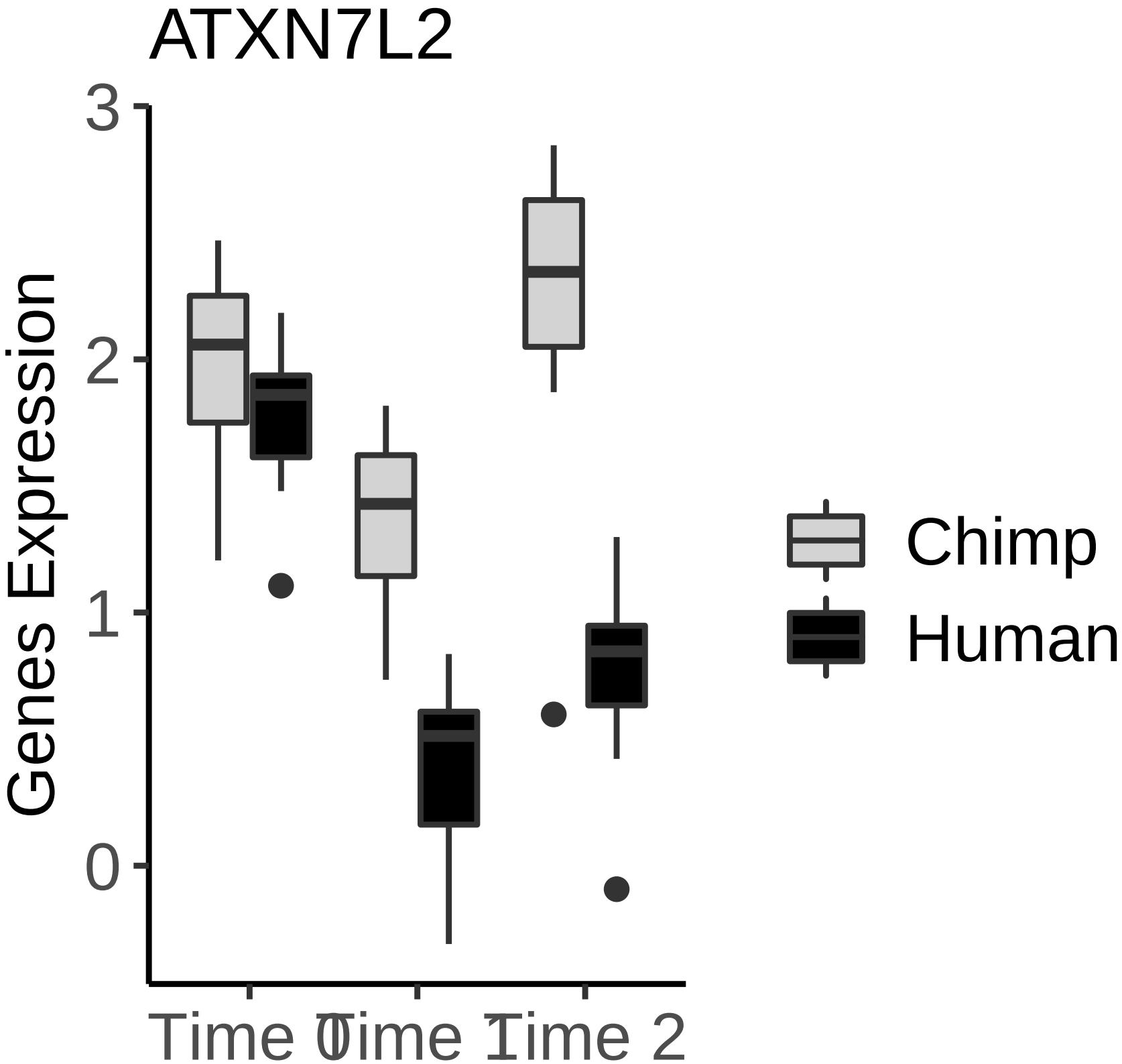
ATXN7L2
Genes Expression
3
2
1
0
Time 0
Time 1
Time 2
Chimp
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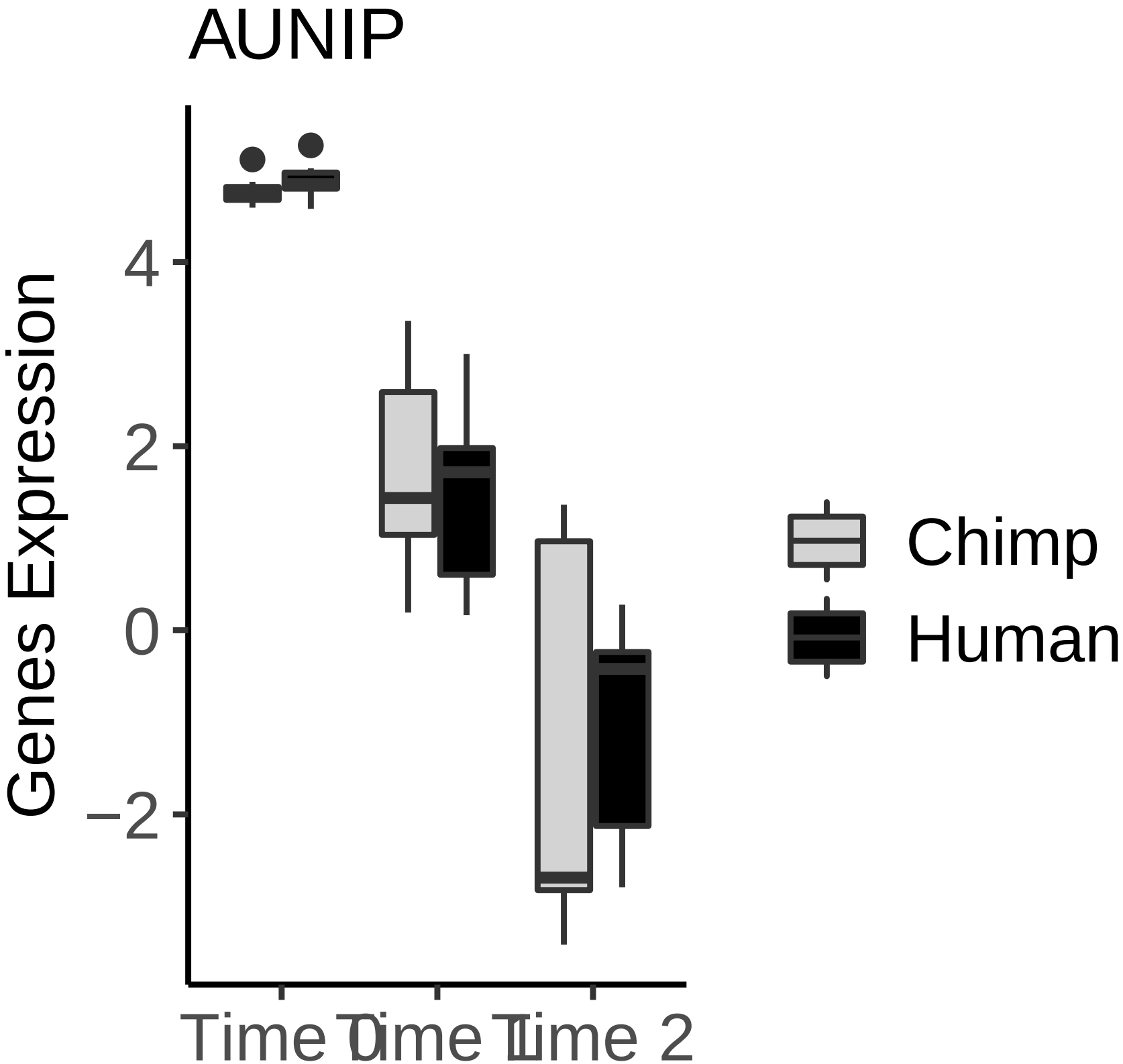
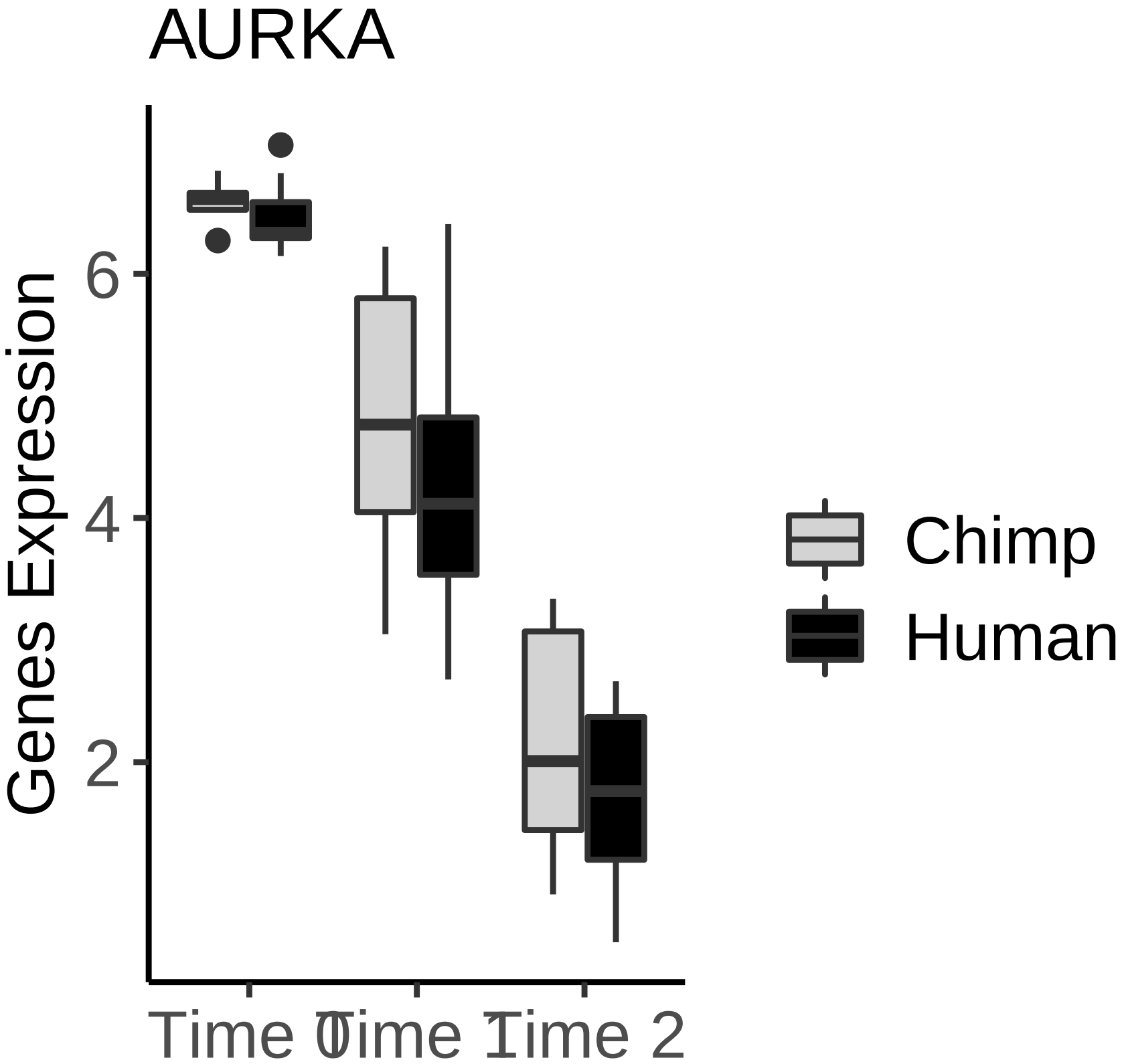

AUNIP
Genes Expression
4
2
0
−2
Time 0
Time 1
Time 2
Chimp
Human


AURKA
Genes Expression
6
4
2
Time 0
Time 1
Time 2
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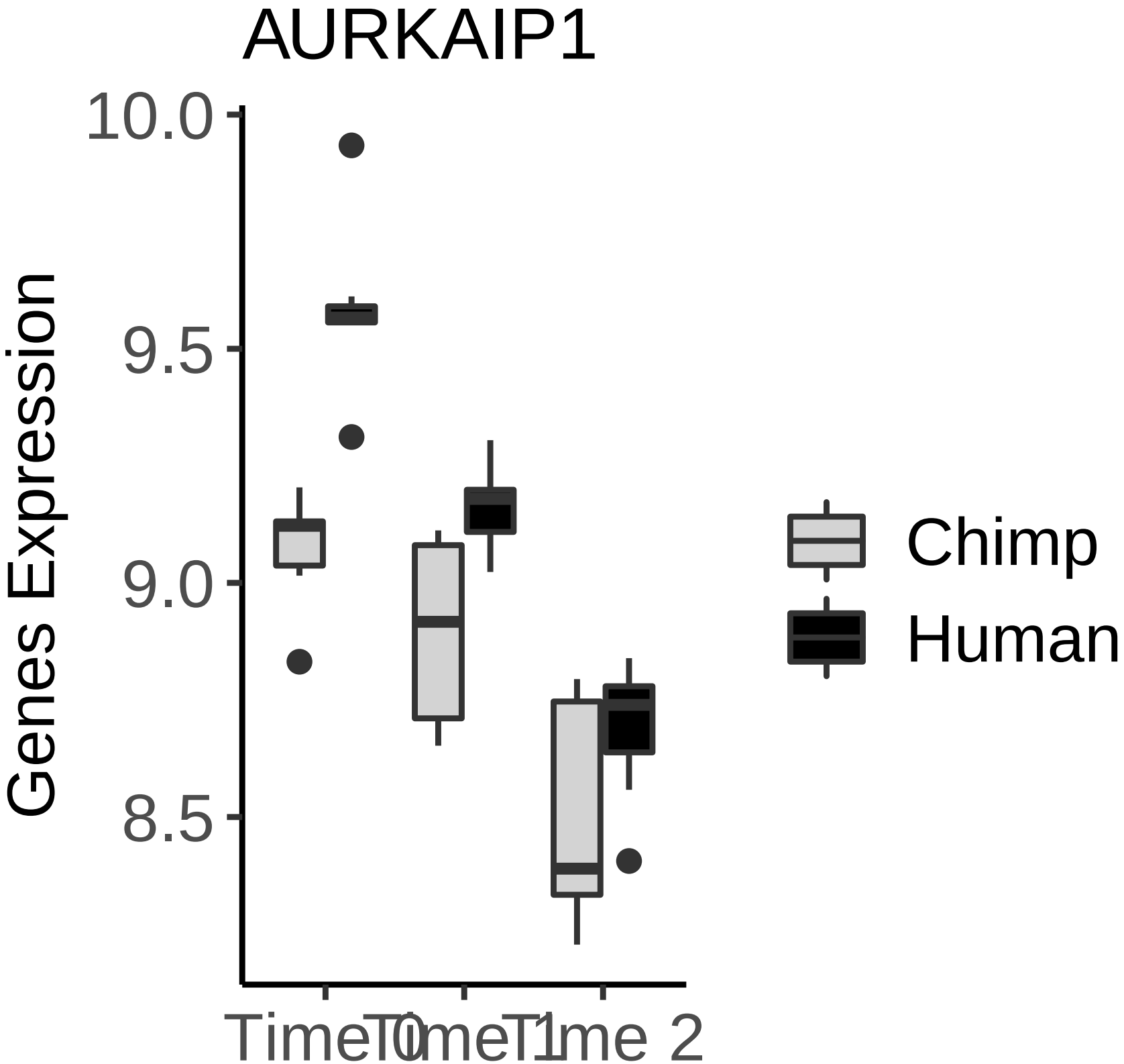
AURKAIP1
Genes Expression
10.0
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9.0
8.5
Time 0
Time 1
Time 2
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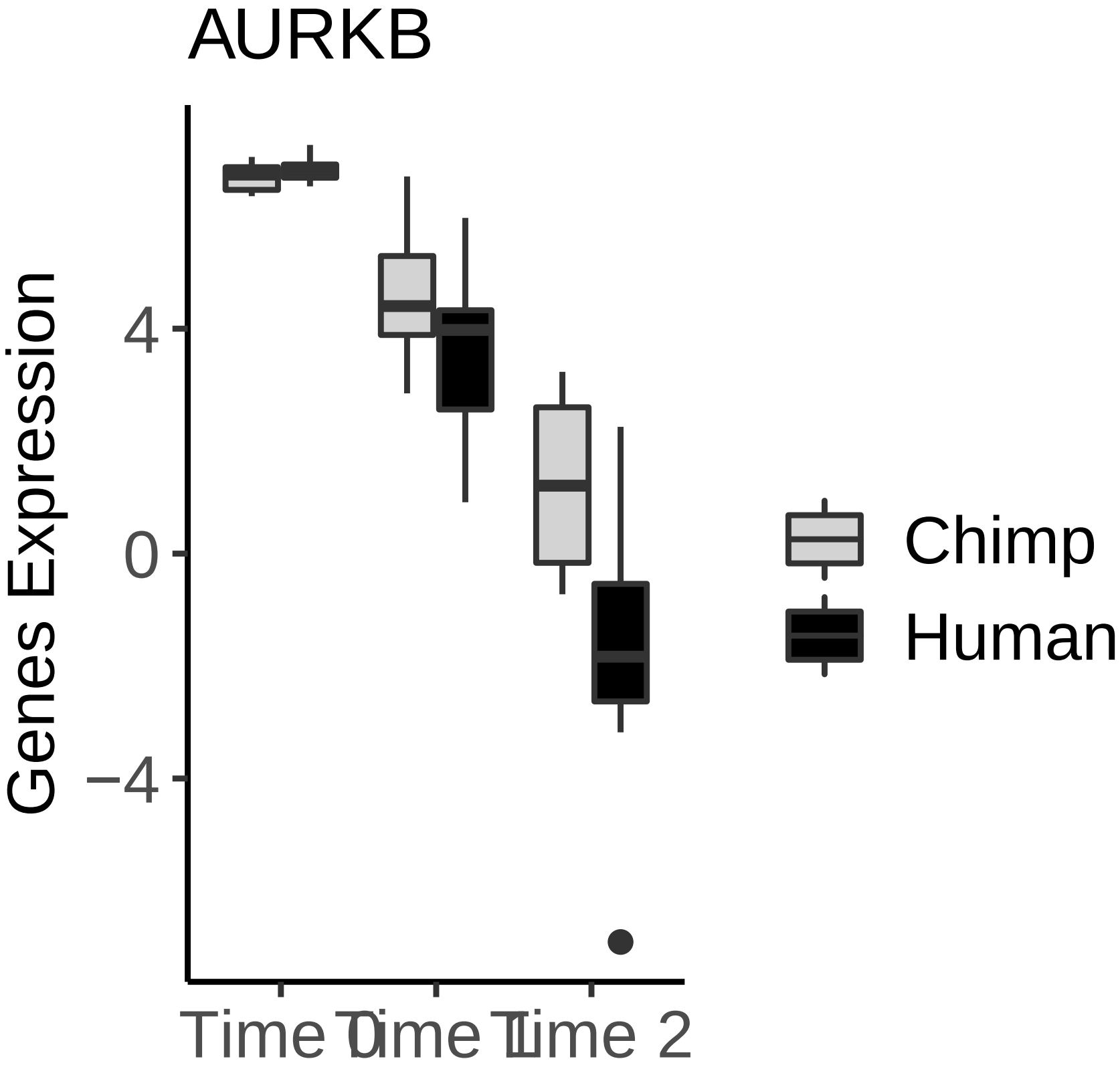
Human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Genes Expression
4
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−4
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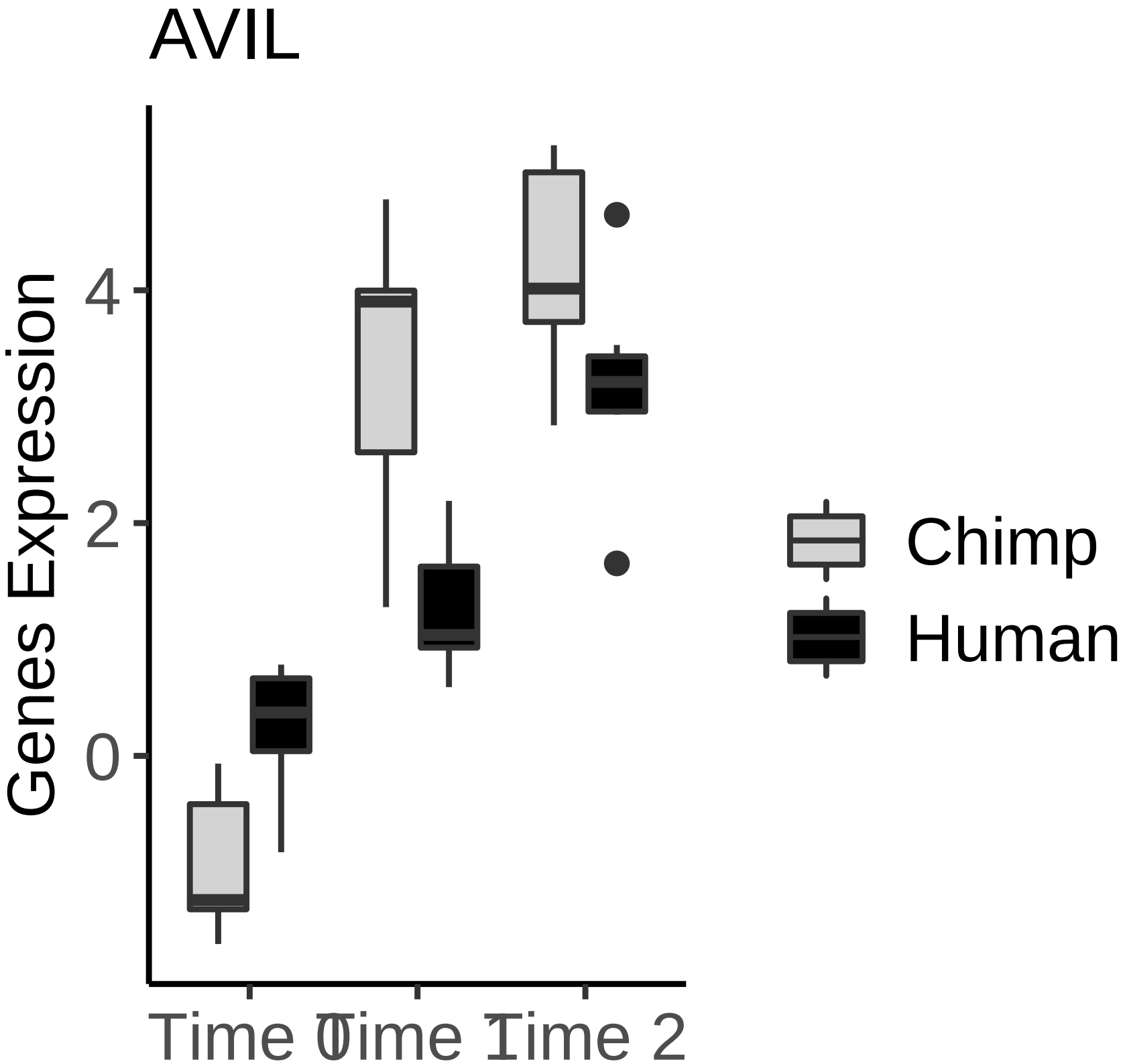
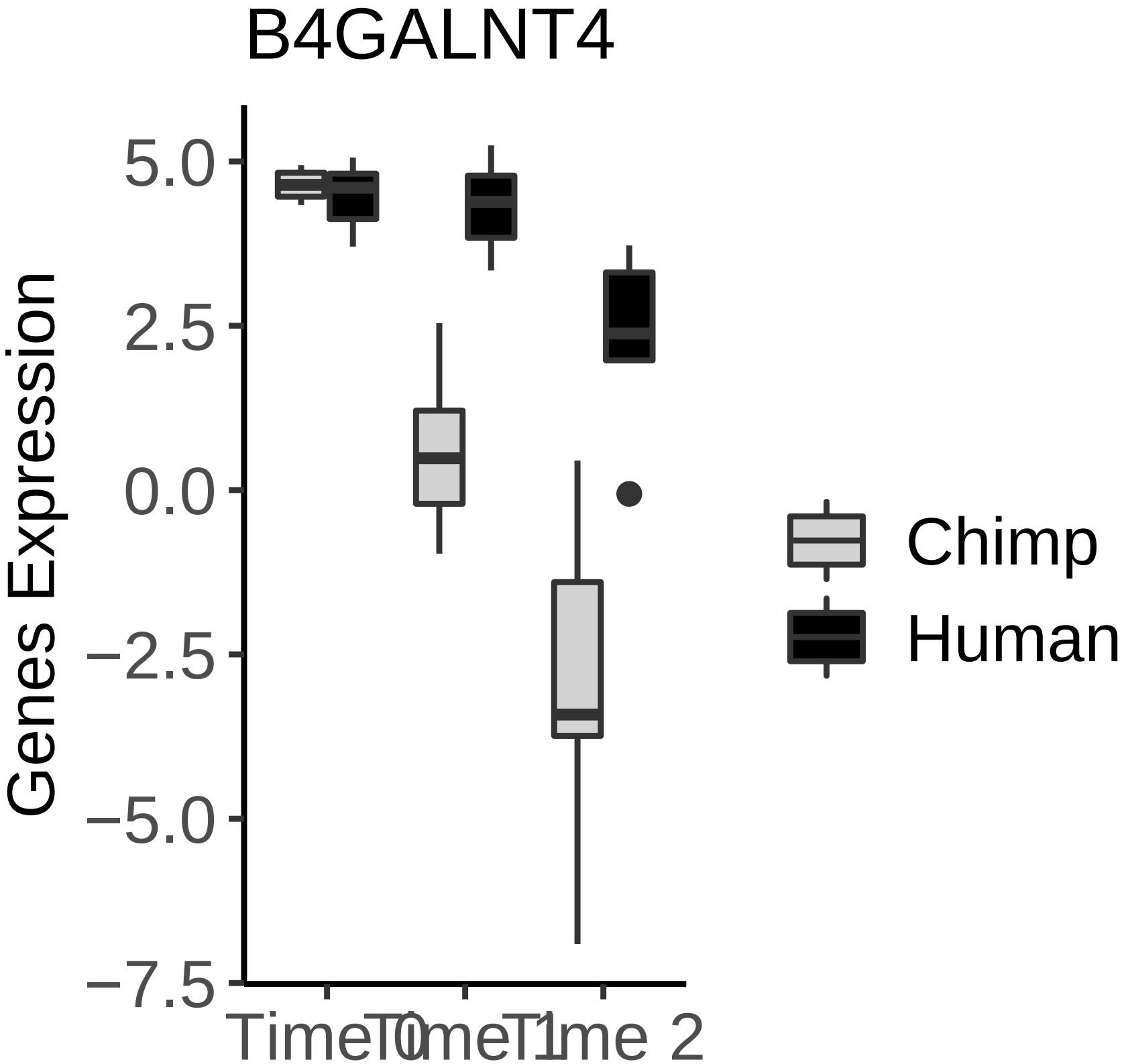
Time 2
Chimp
Human


AVIL
Genes Expression
4
2
0
Time 0
Time 1
Time 2
Chimp
Human


B4GALNT4
Genes Expression
5.0
2.5
0.0
−2.5
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−7.5
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Time 1
Time 2
Chimp
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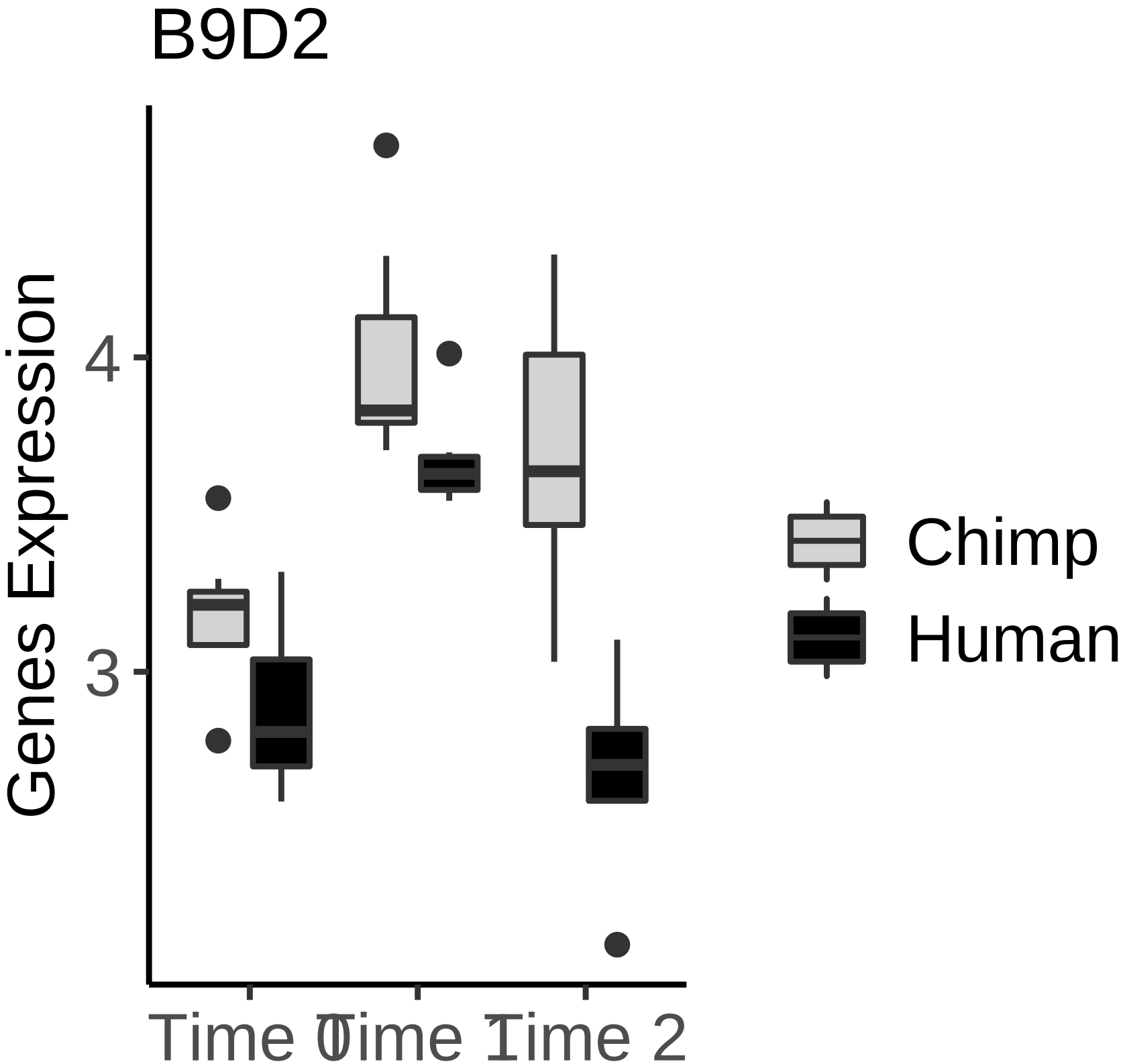
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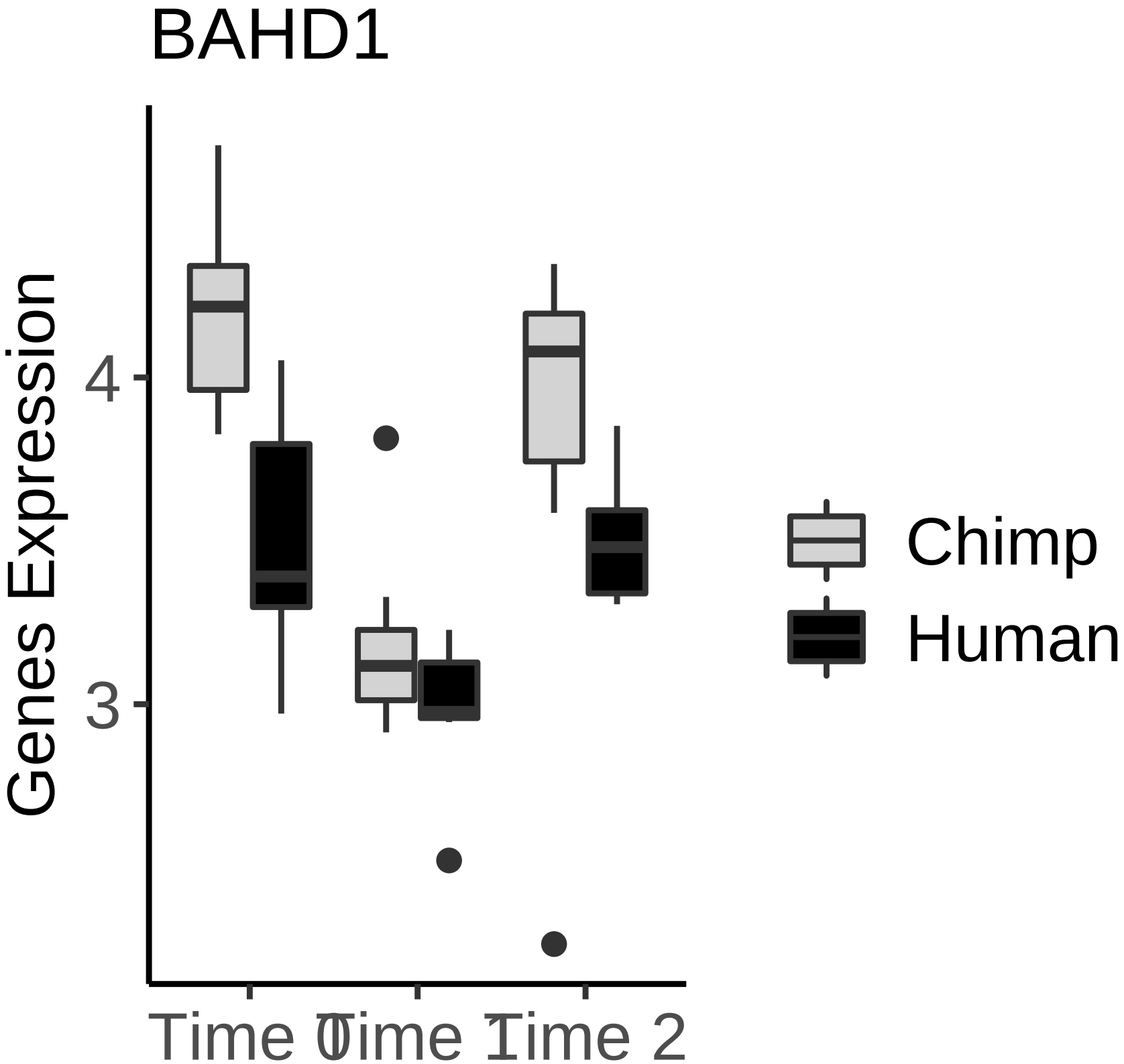
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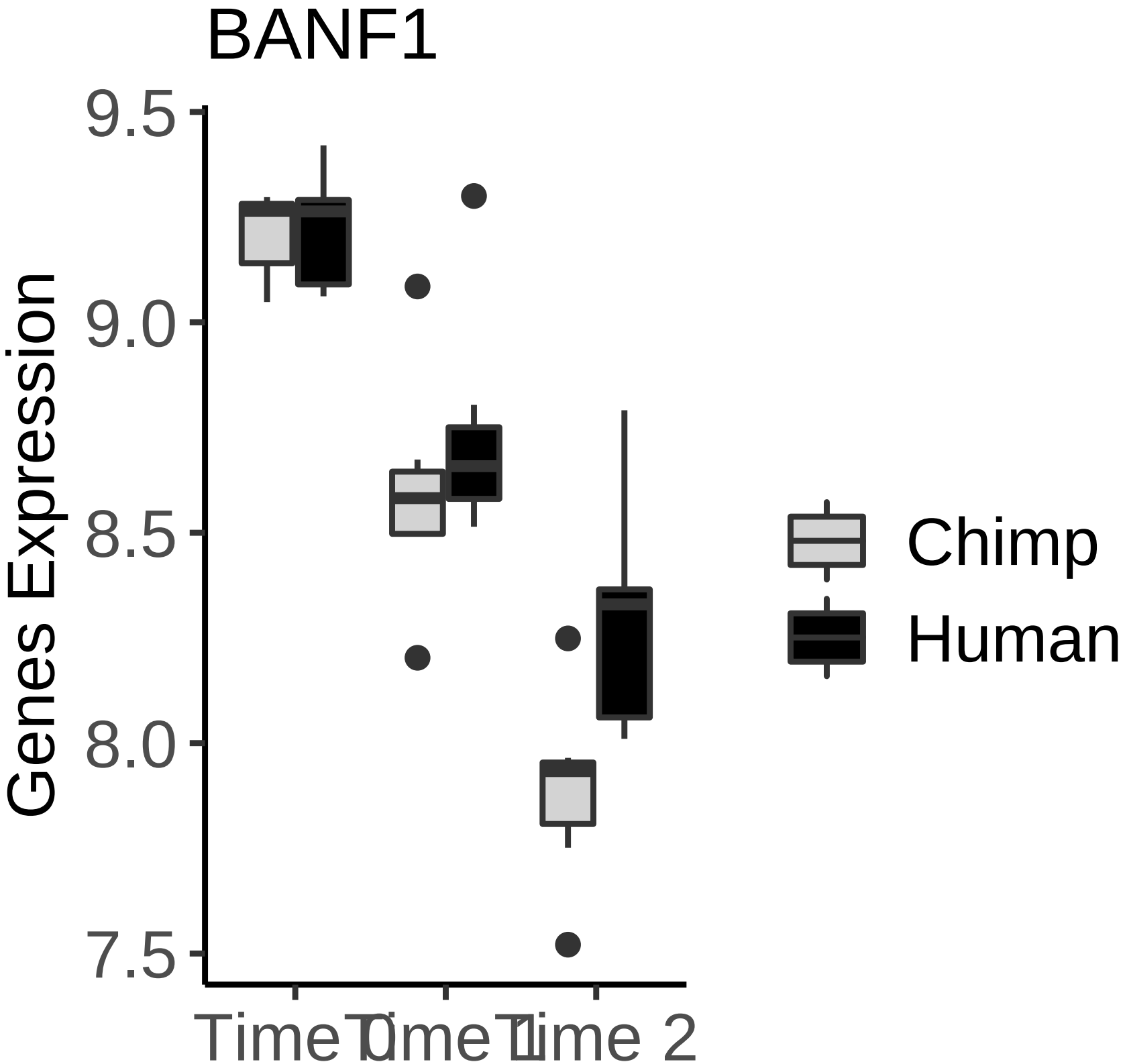
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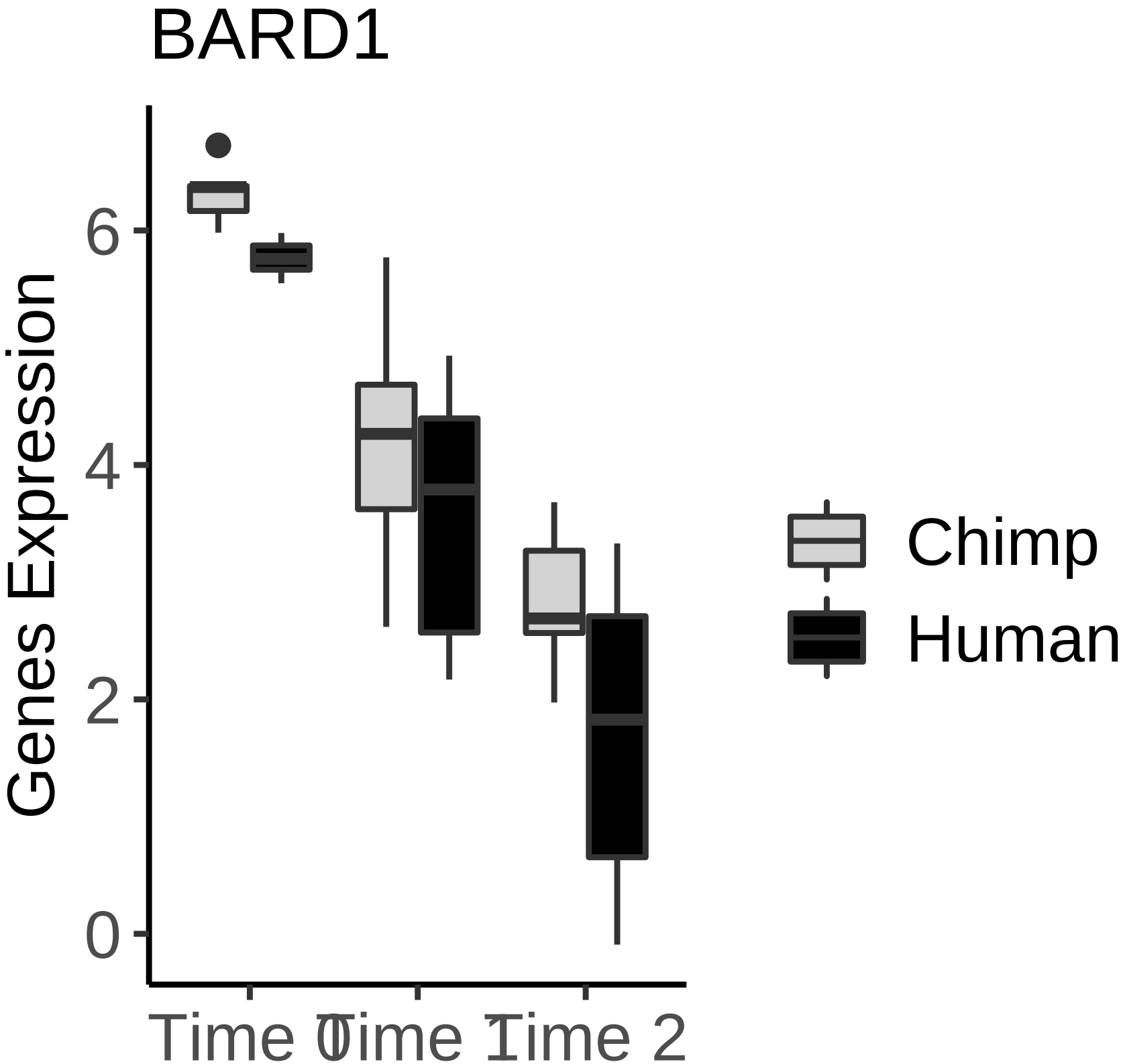
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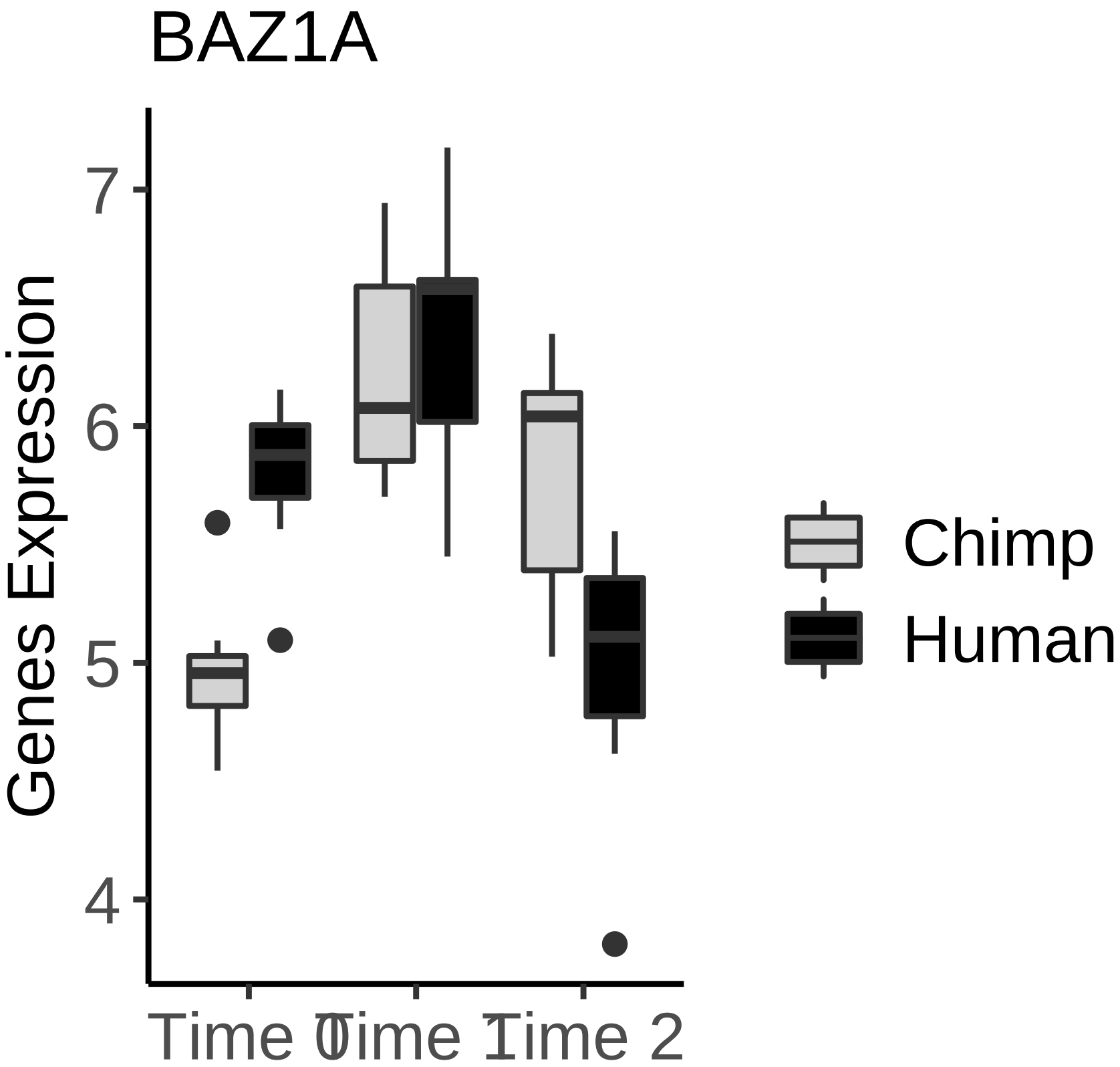
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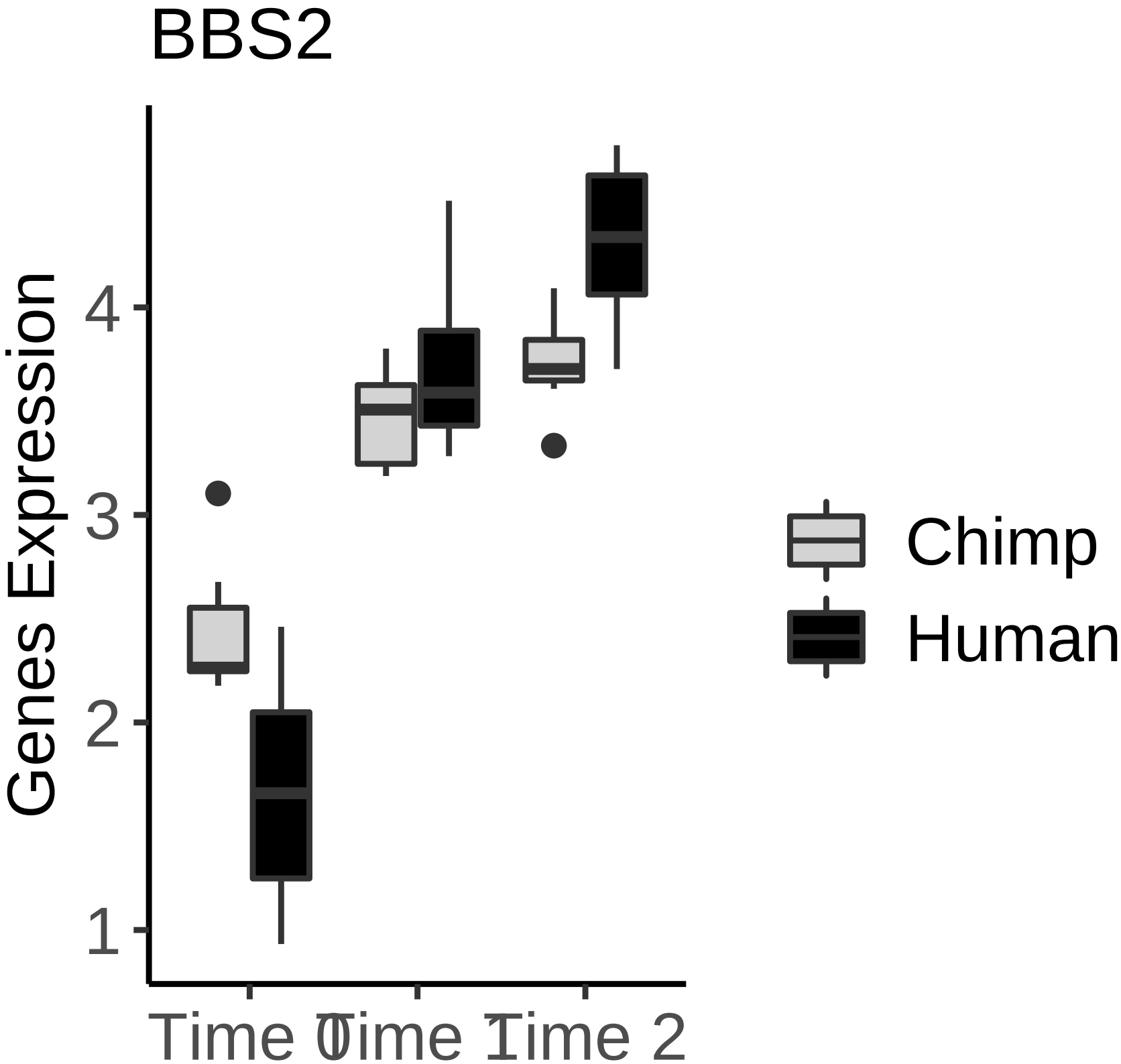
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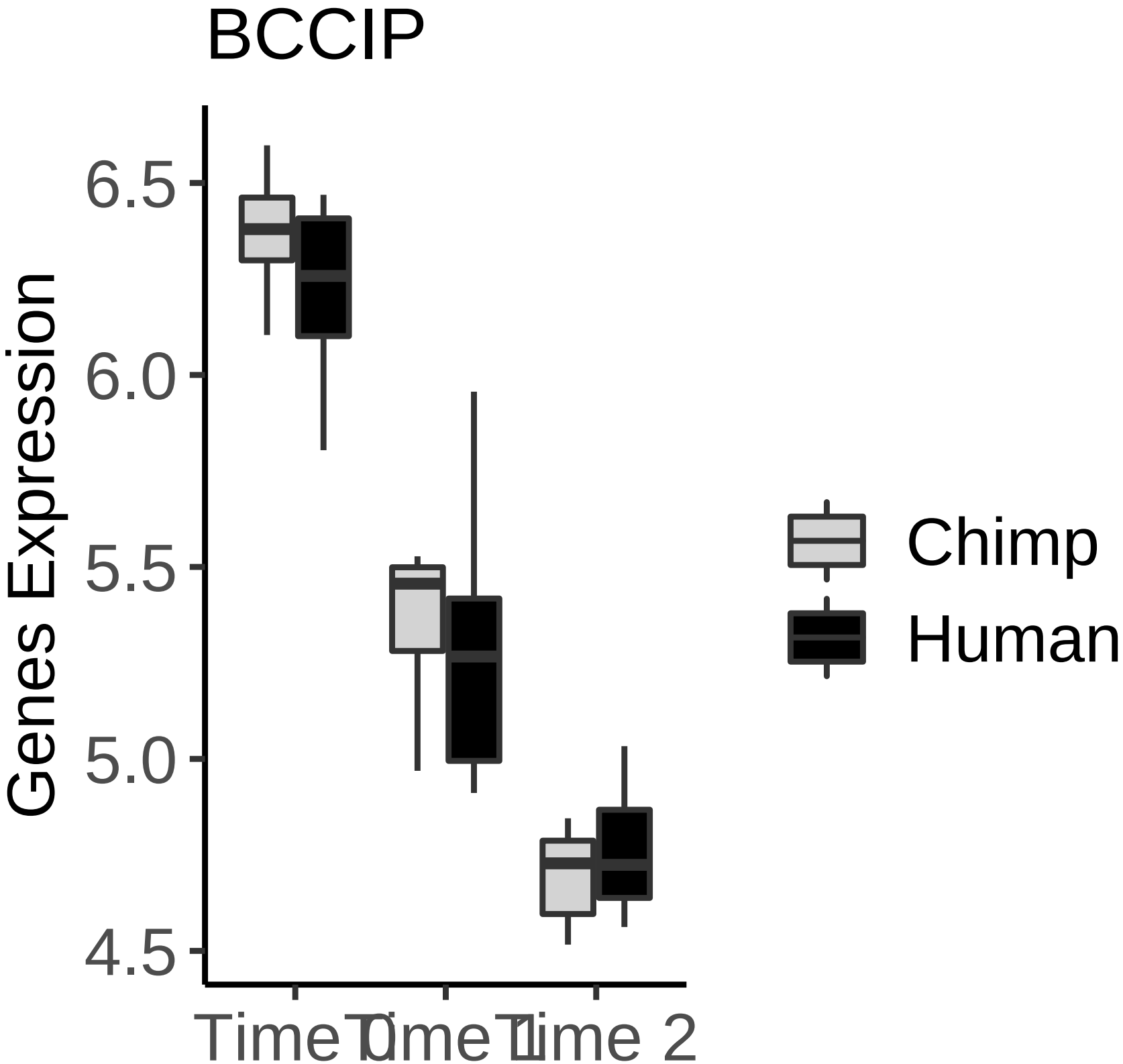
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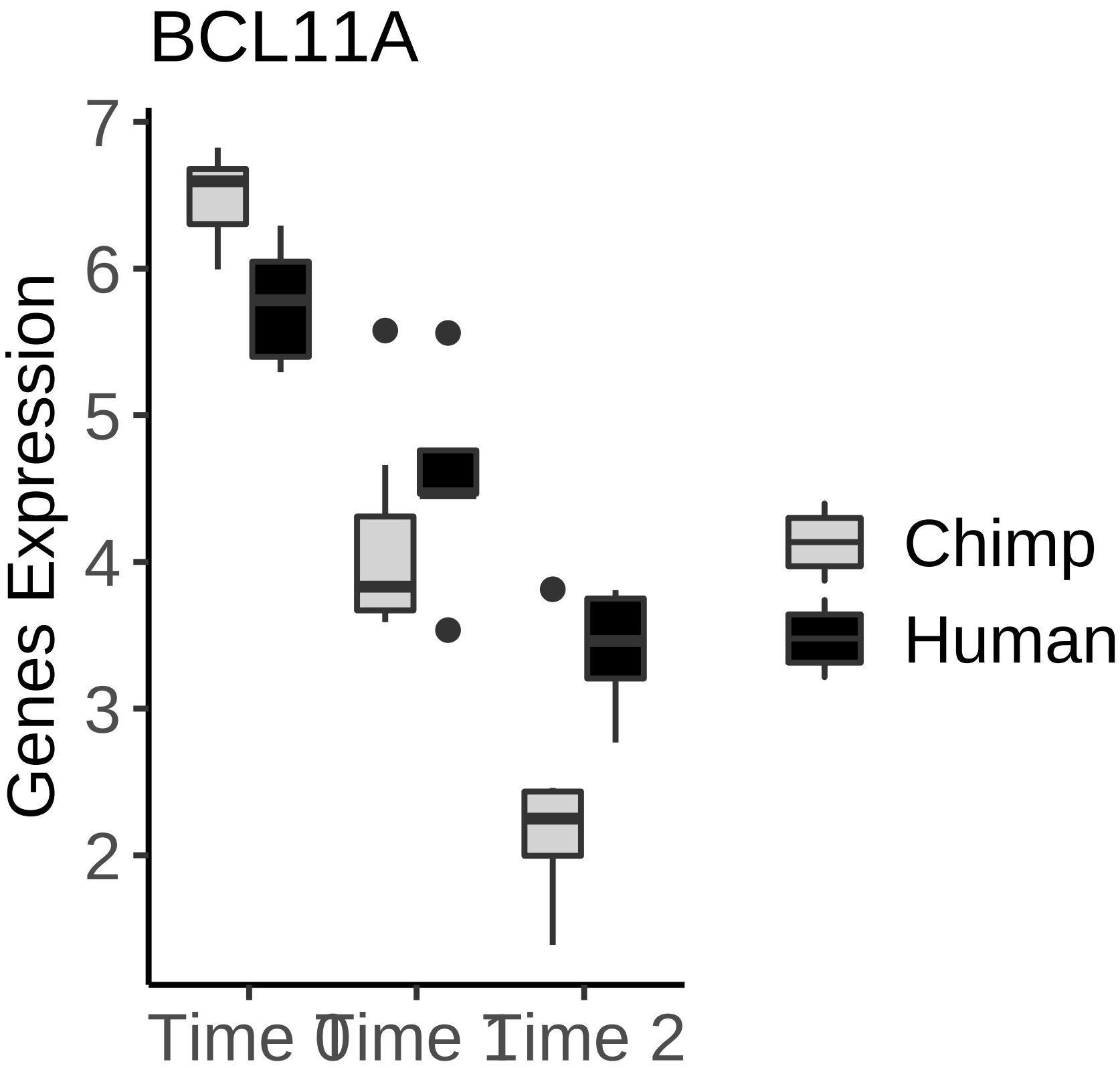
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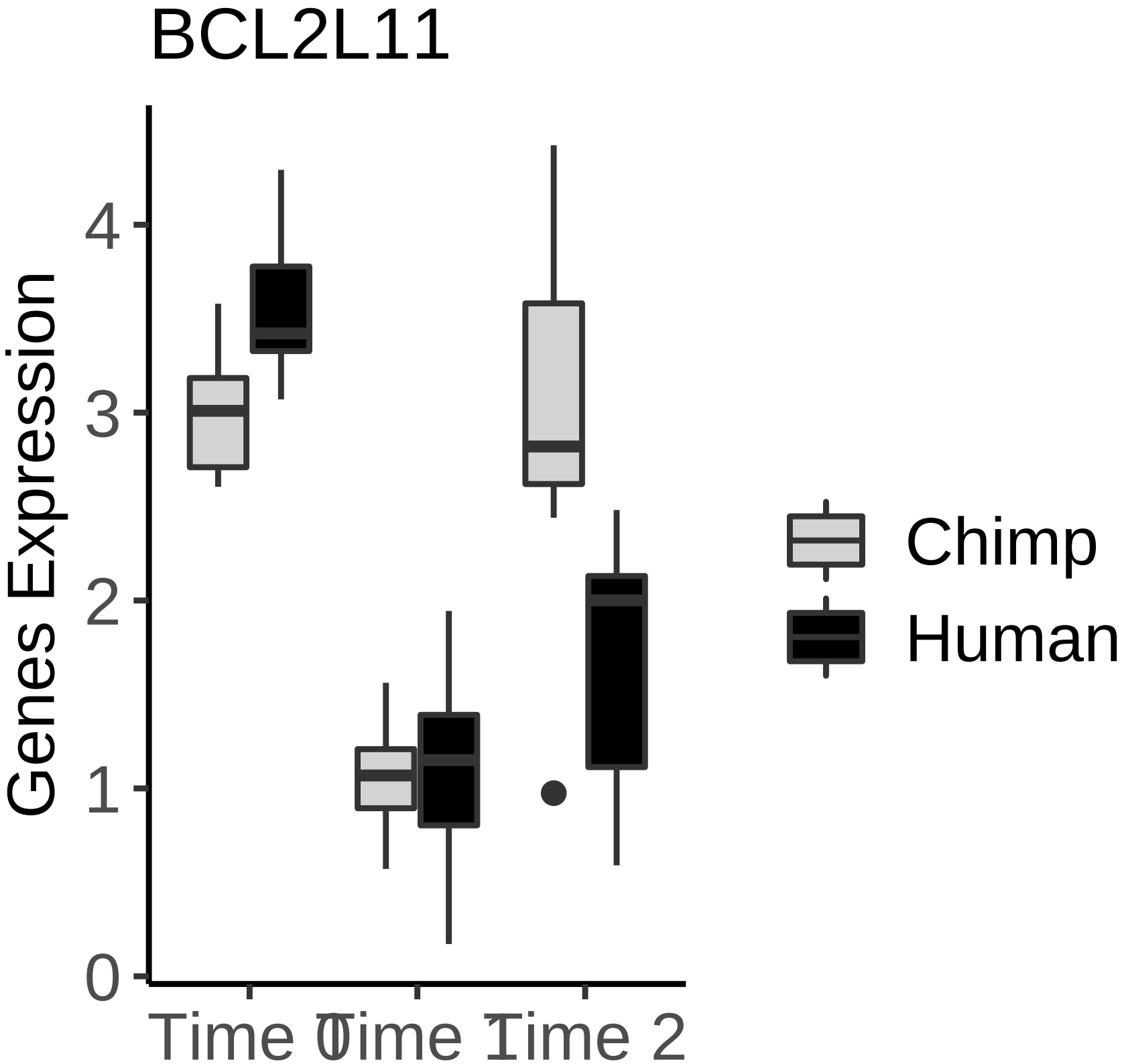
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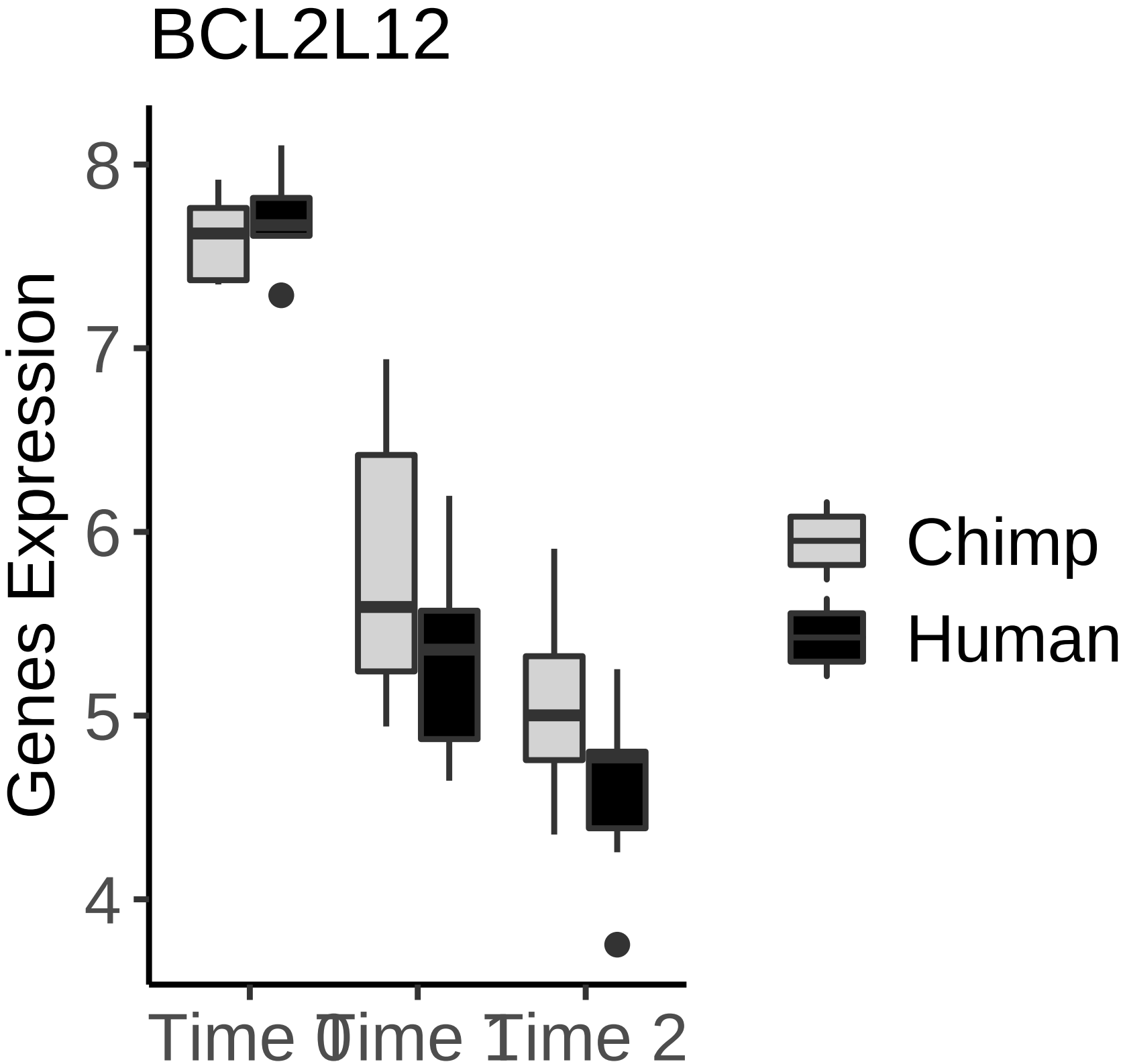
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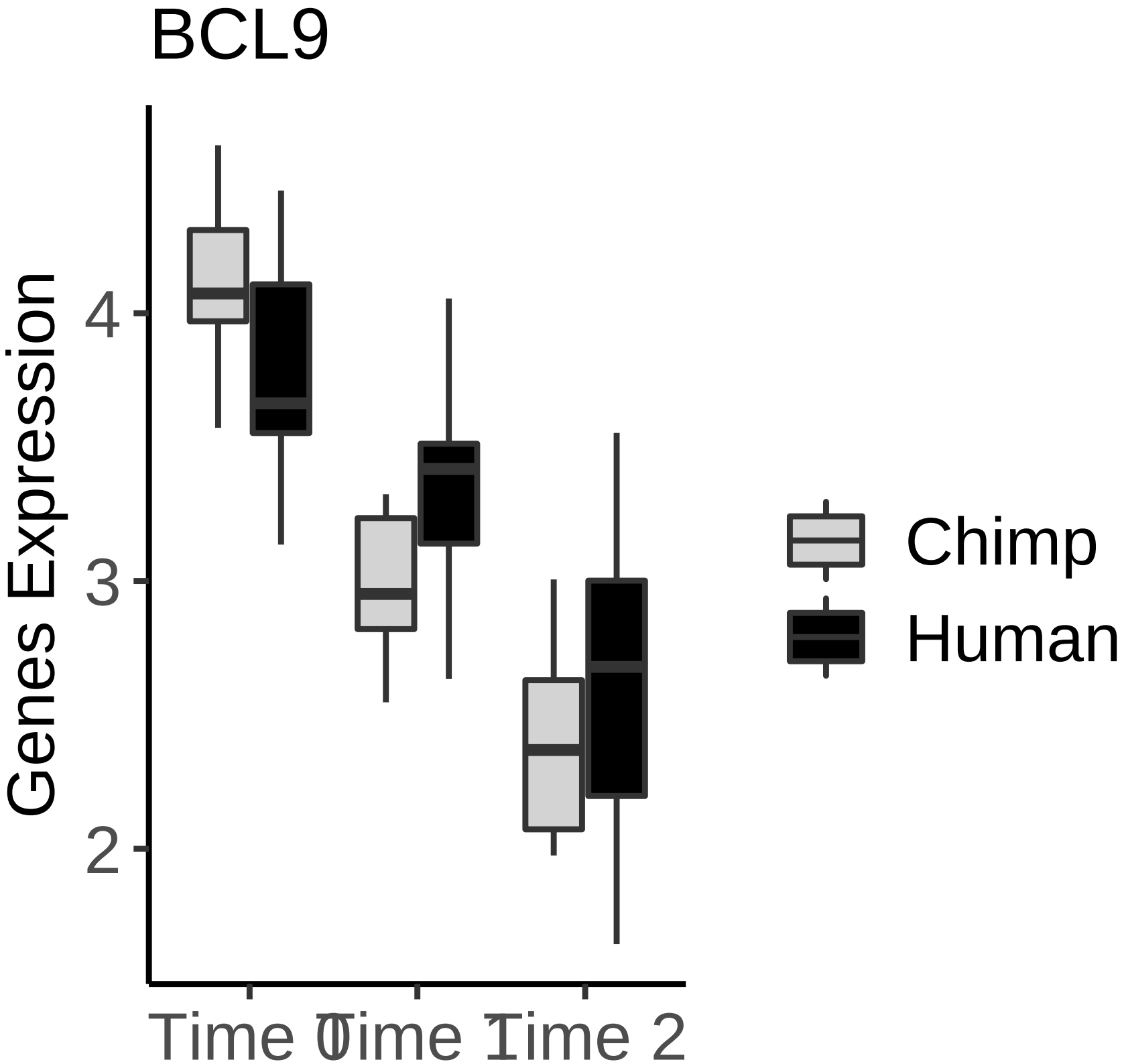
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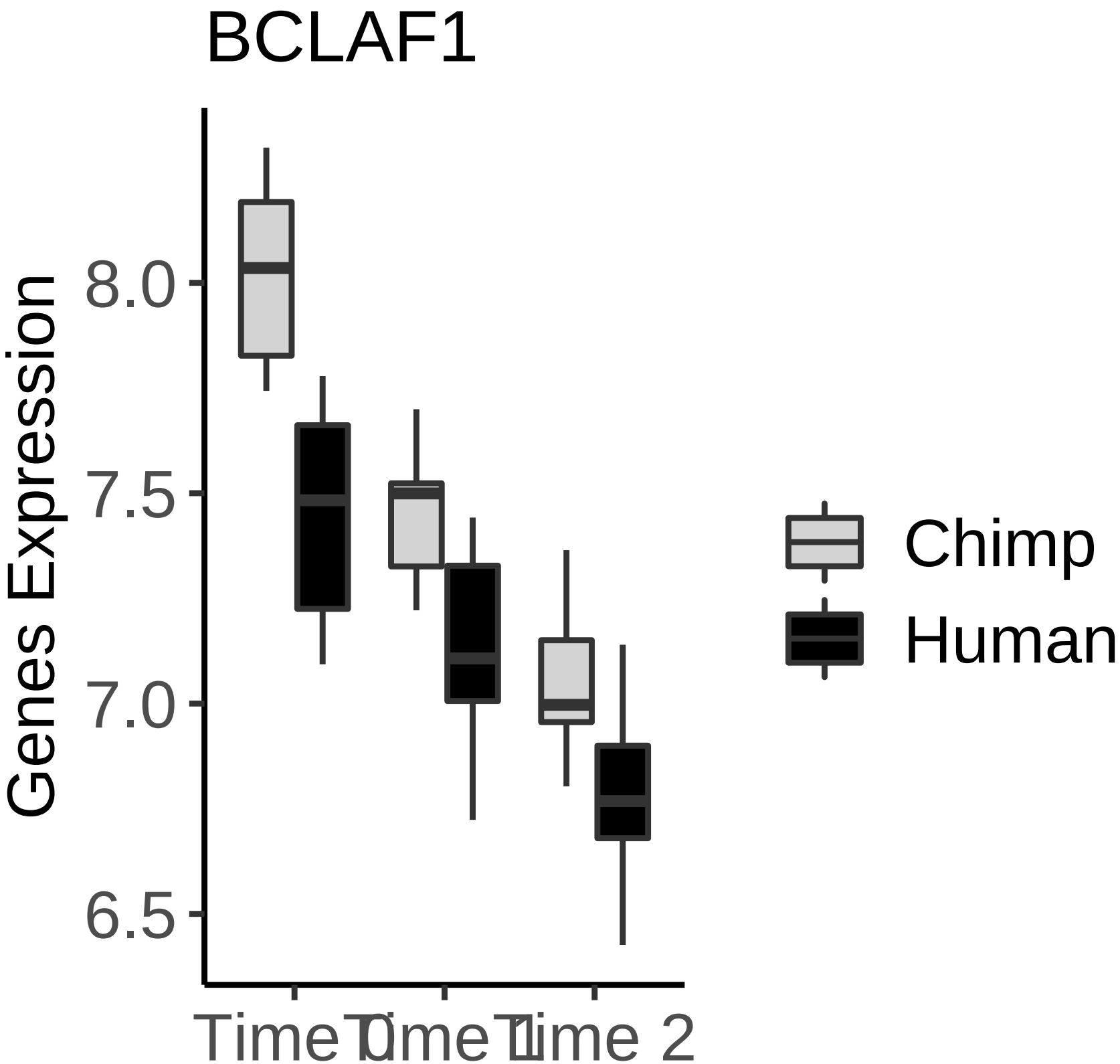
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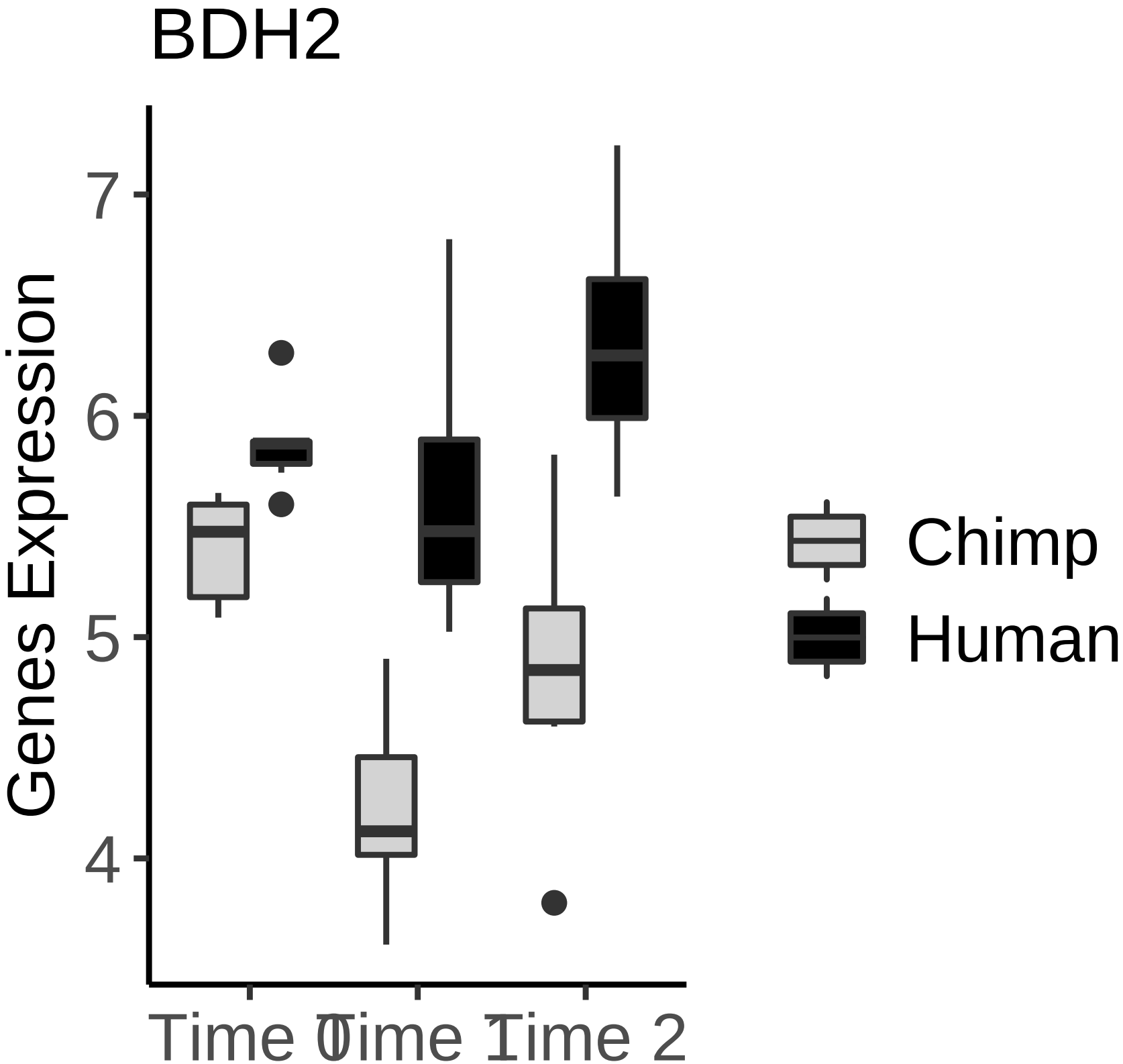
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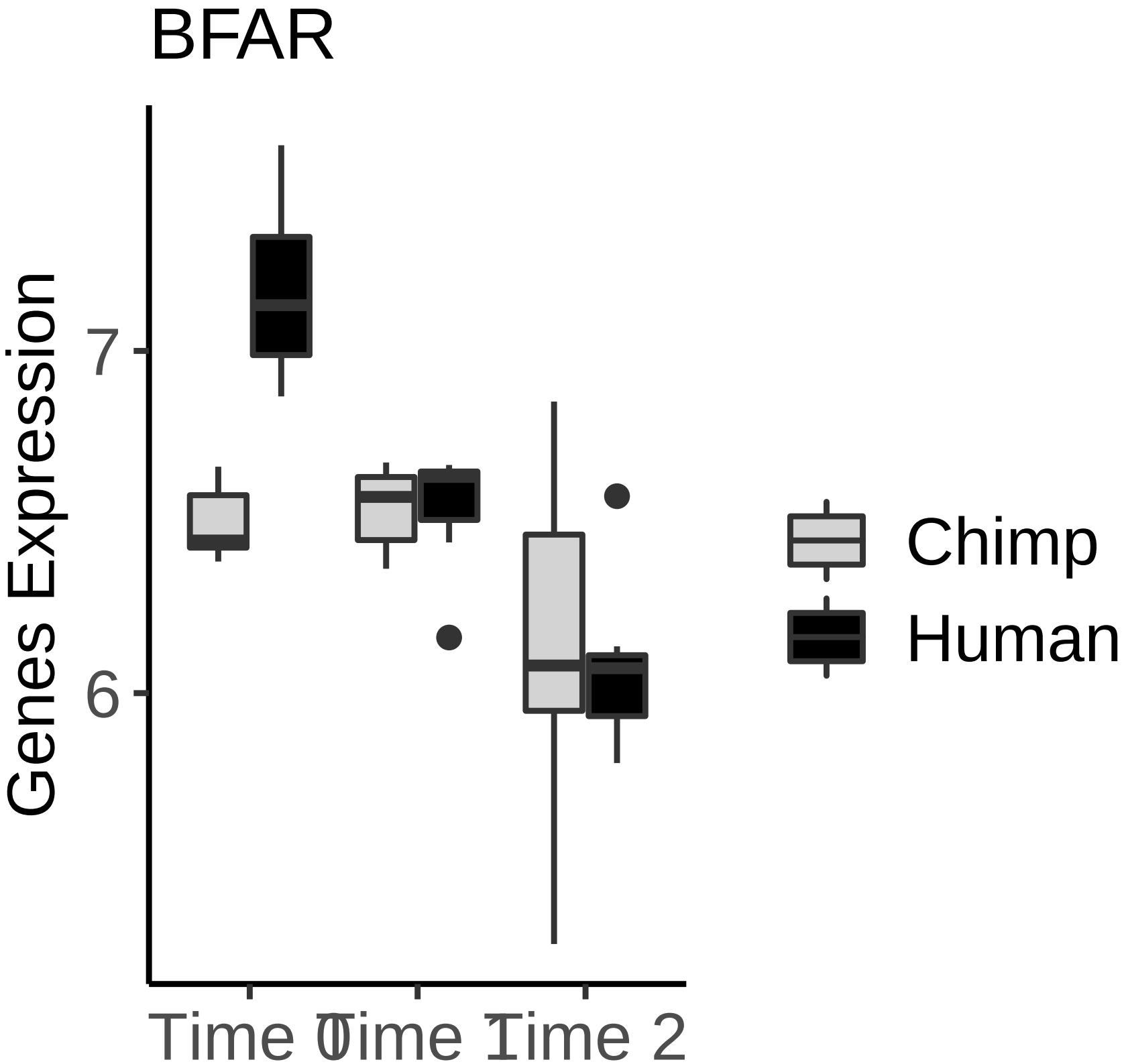
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Genes Expression
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6
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Time 2
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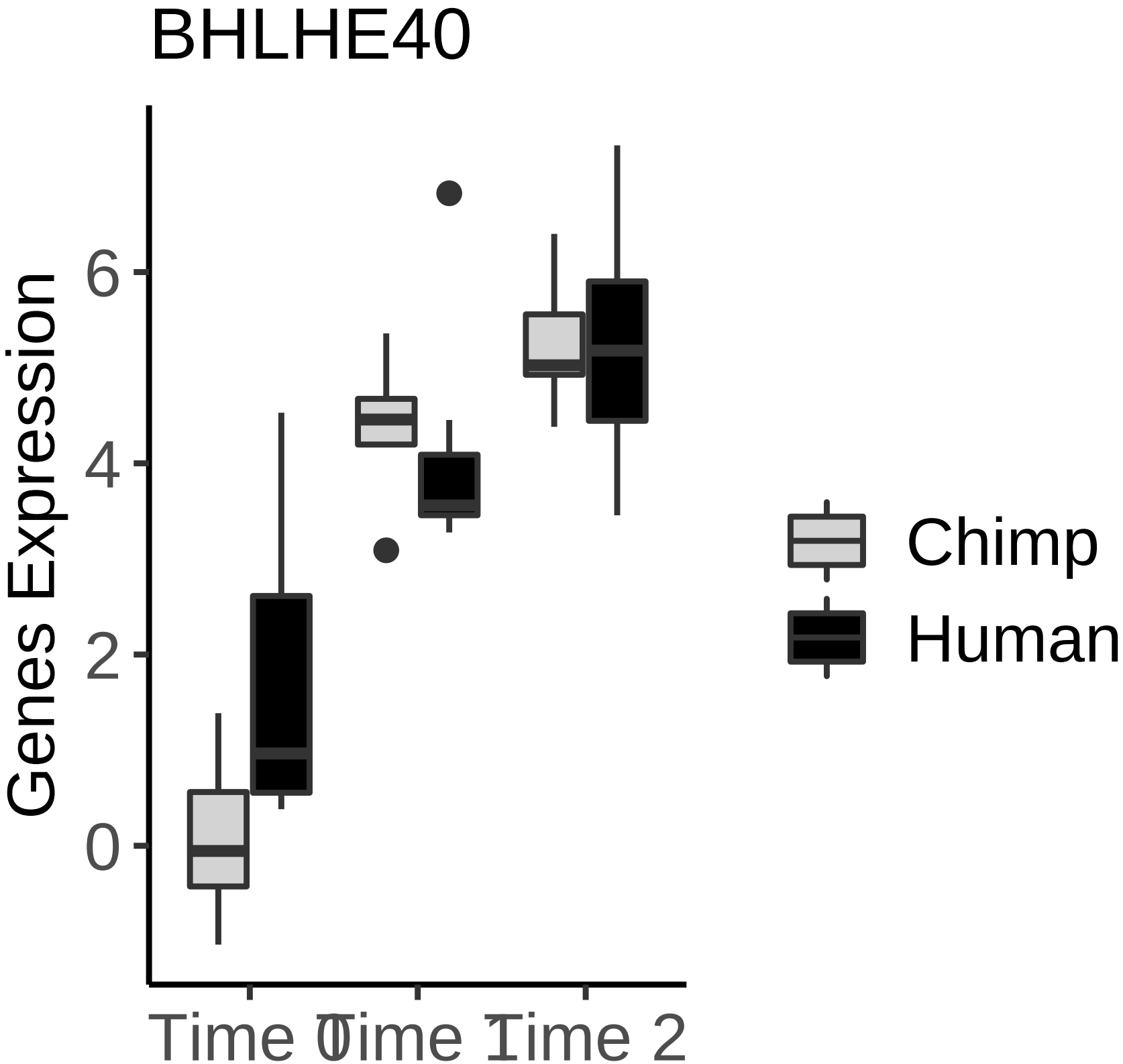
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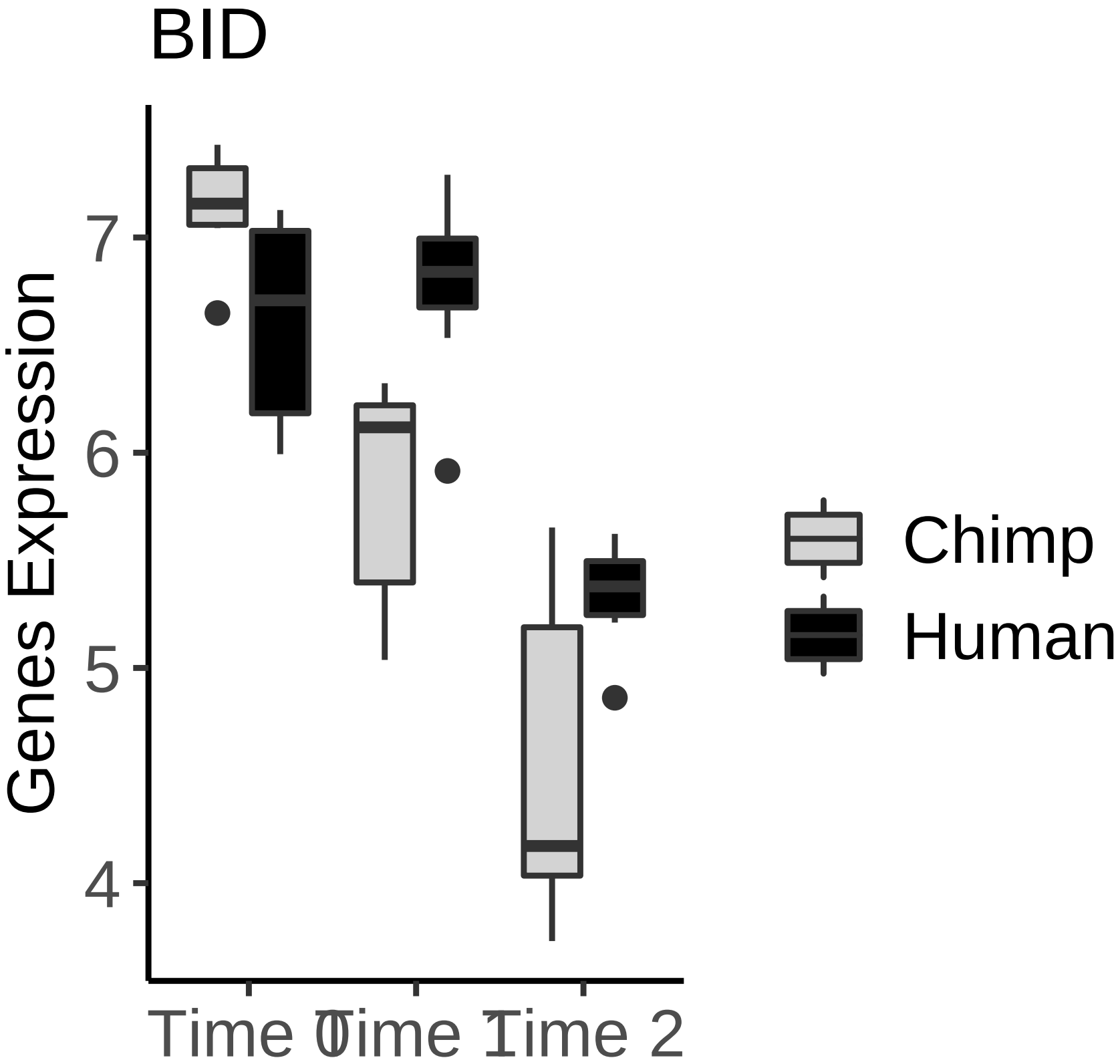
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Time 2
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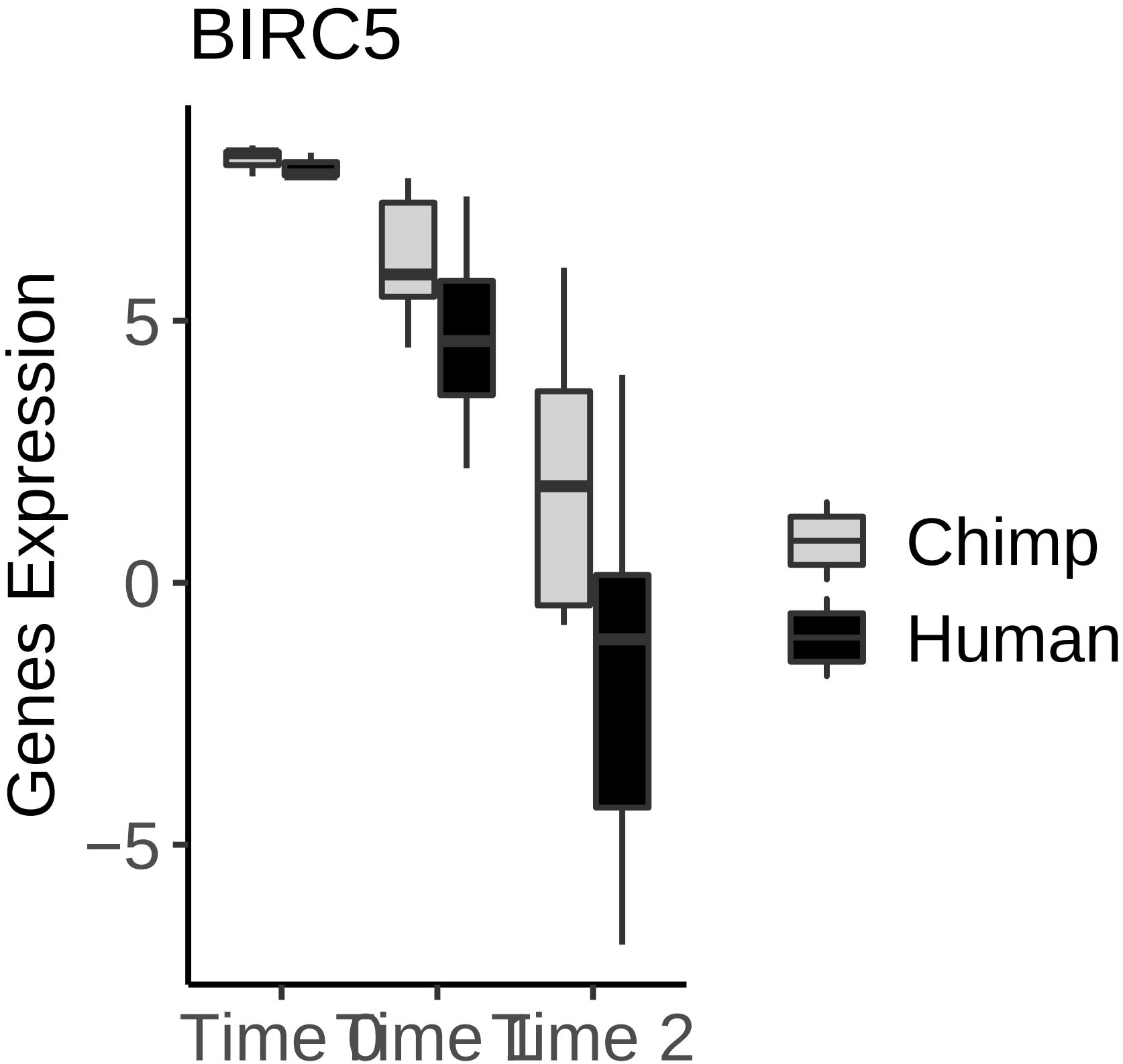
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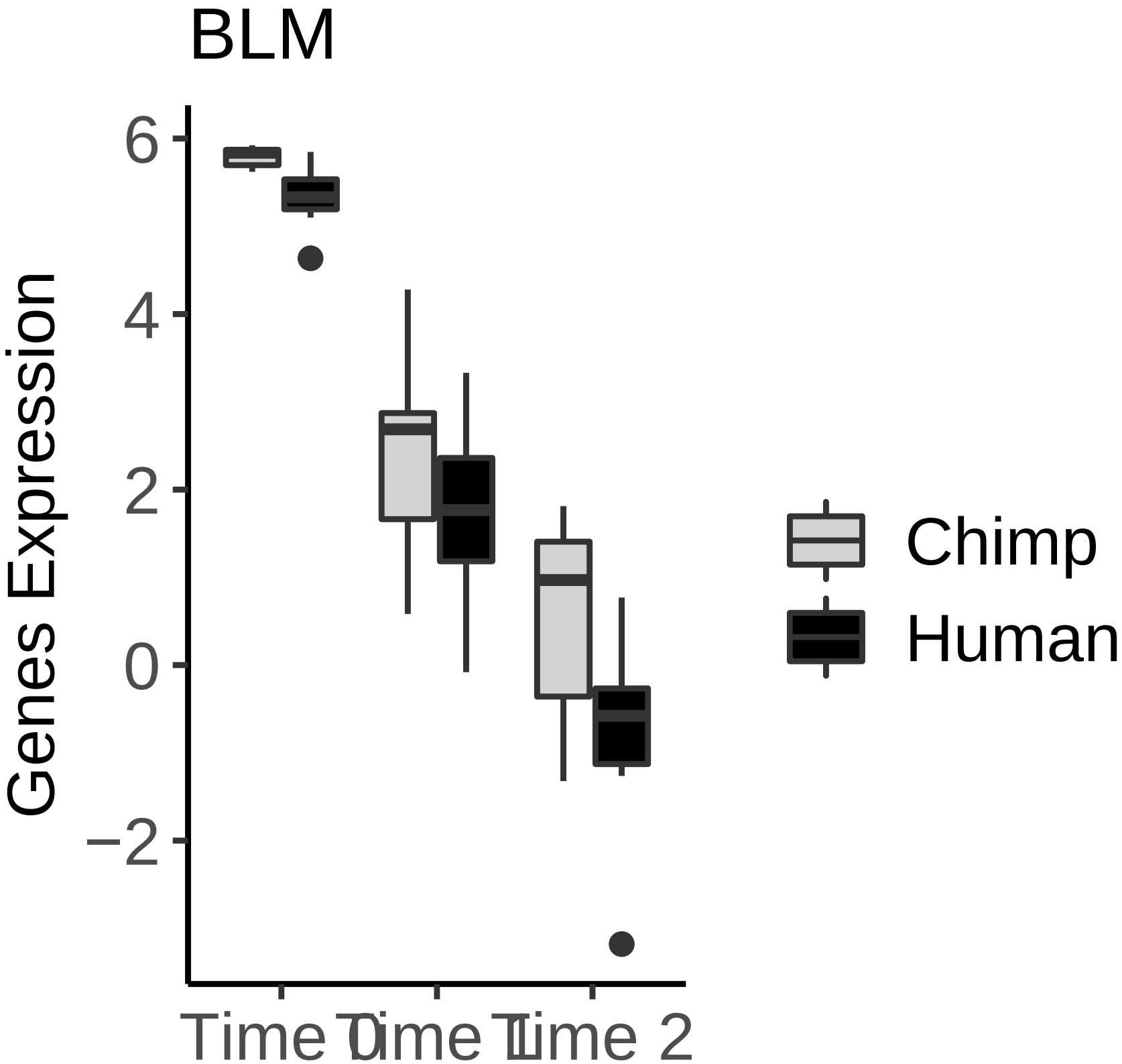
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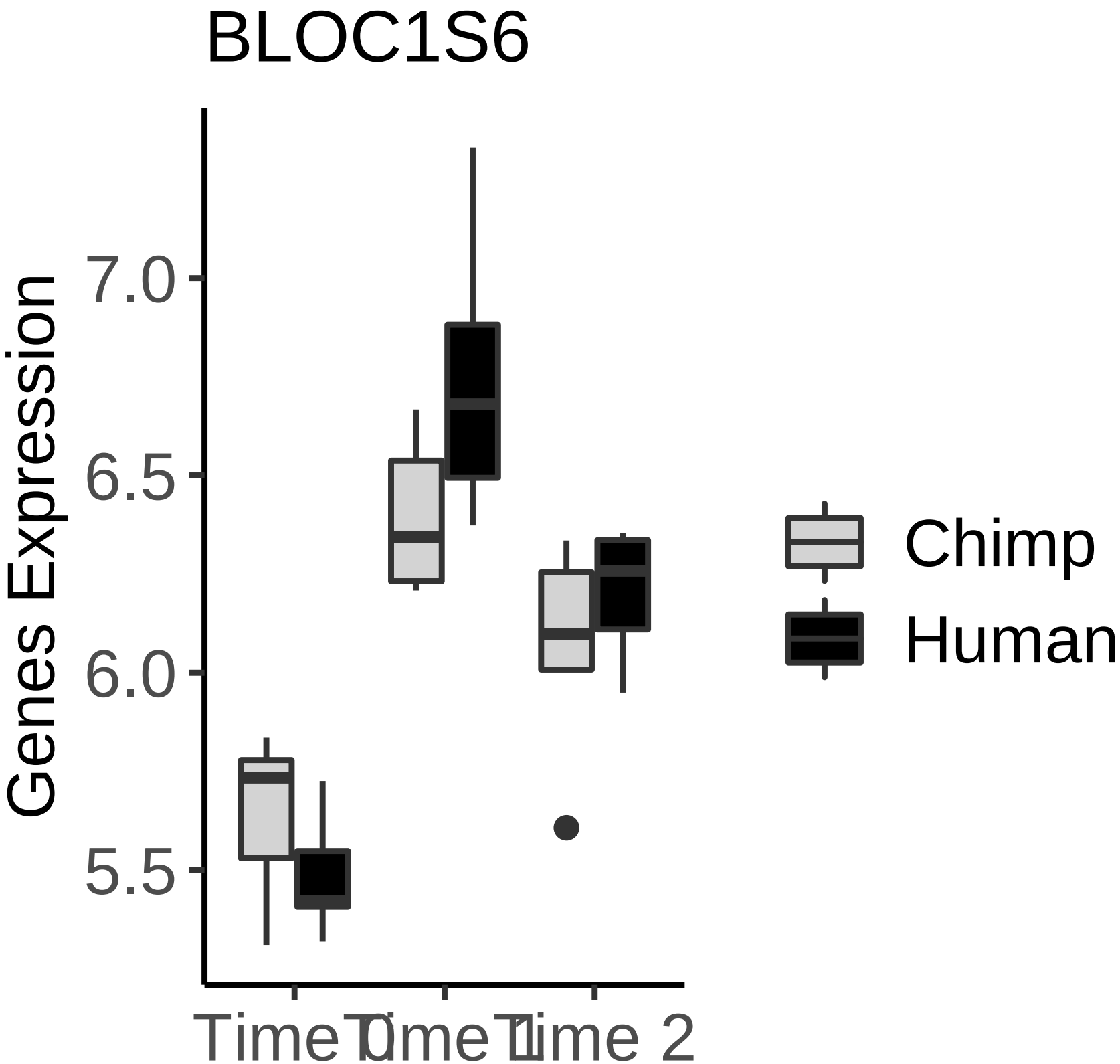
BLOC1S6
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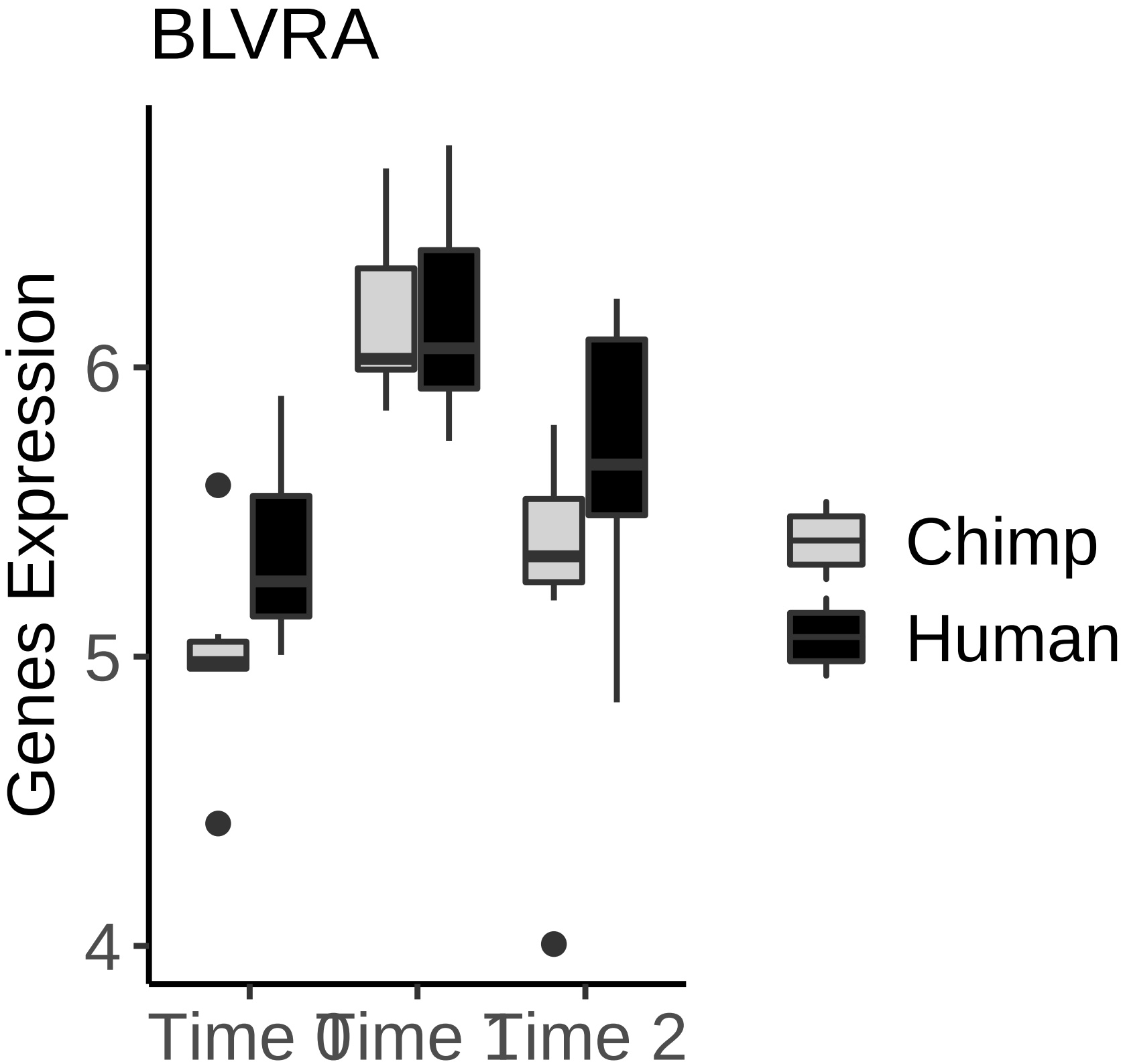
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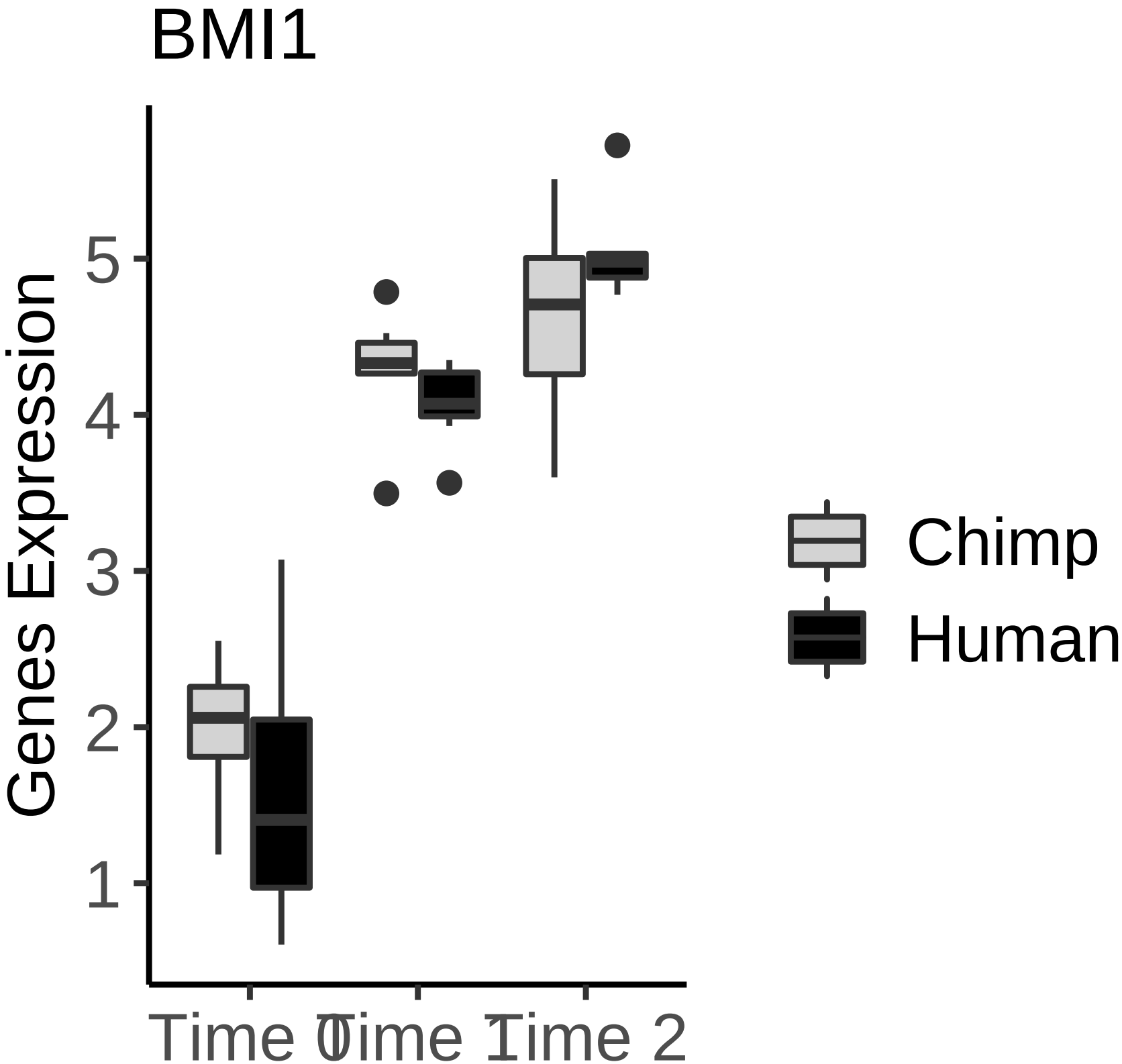
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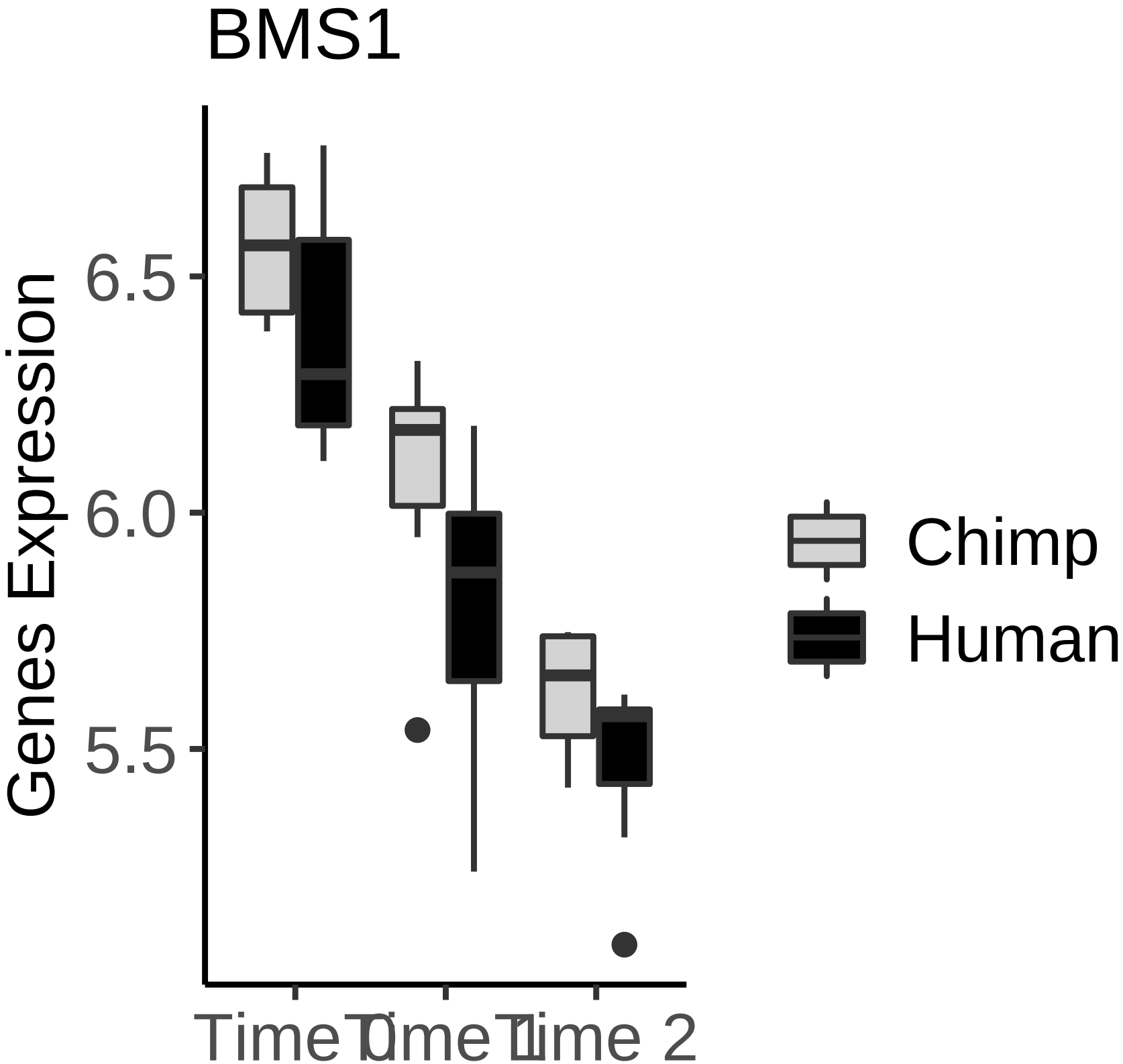
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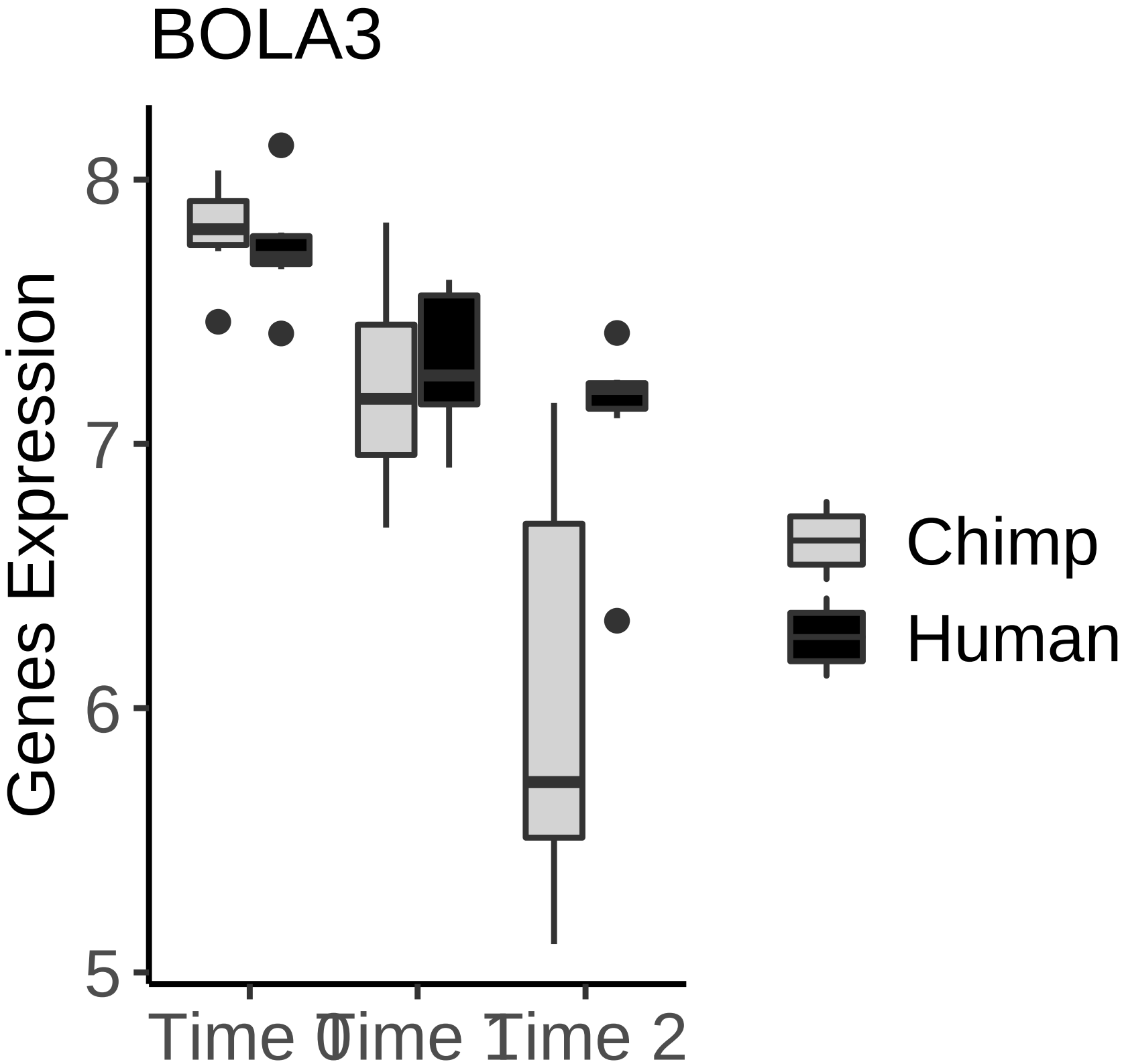
BOLA3
Genes Expression
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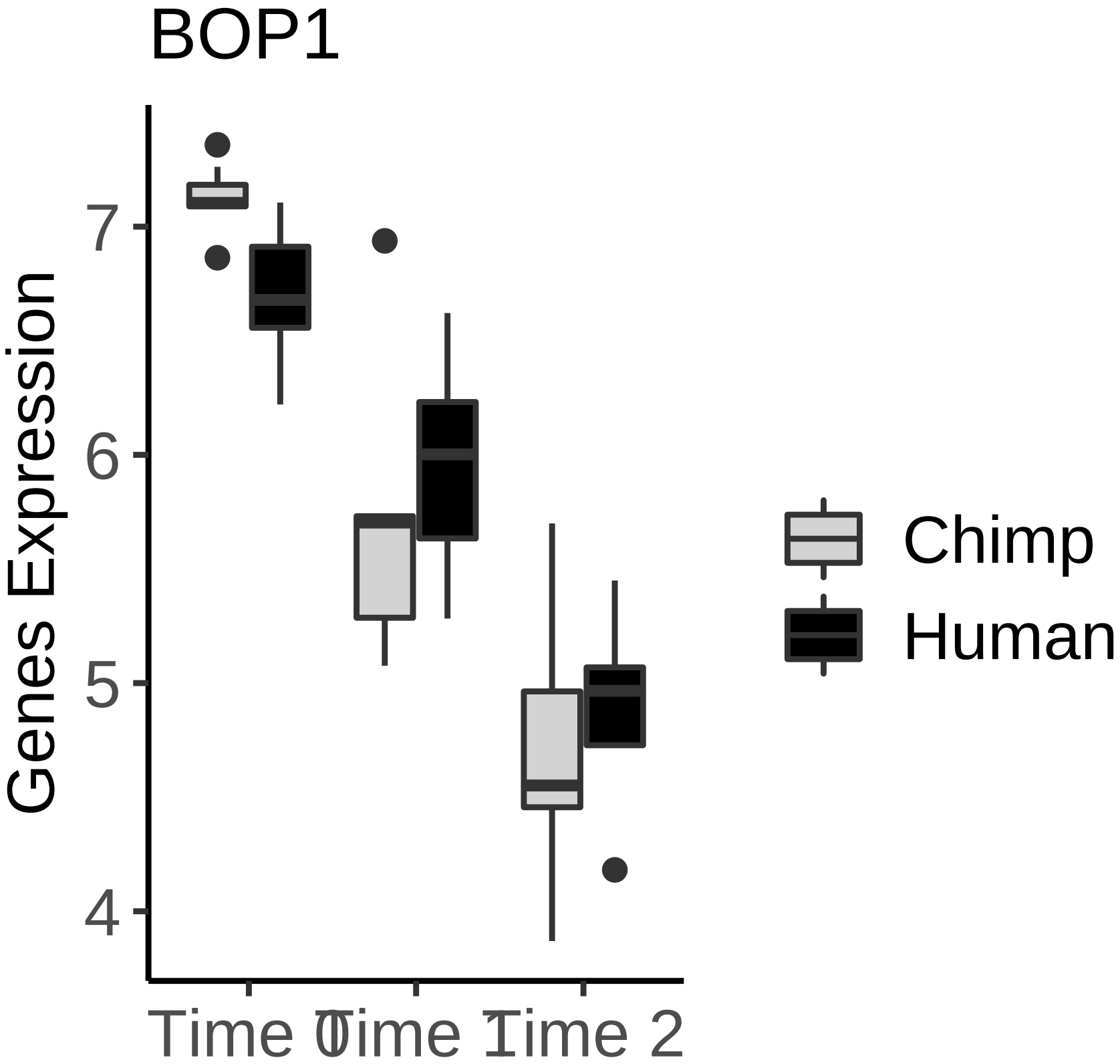
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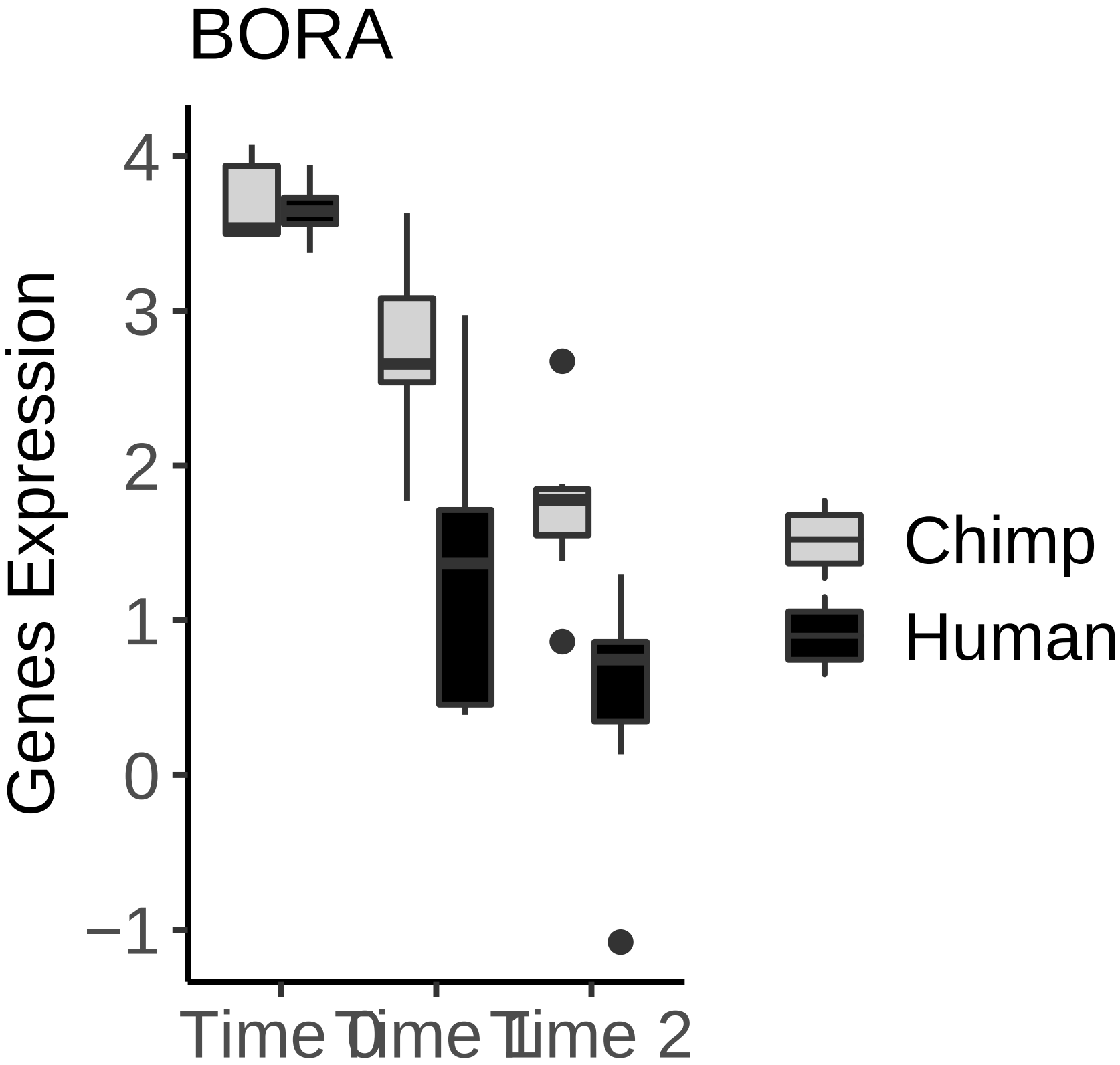
BORA
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Time 1
Time 2
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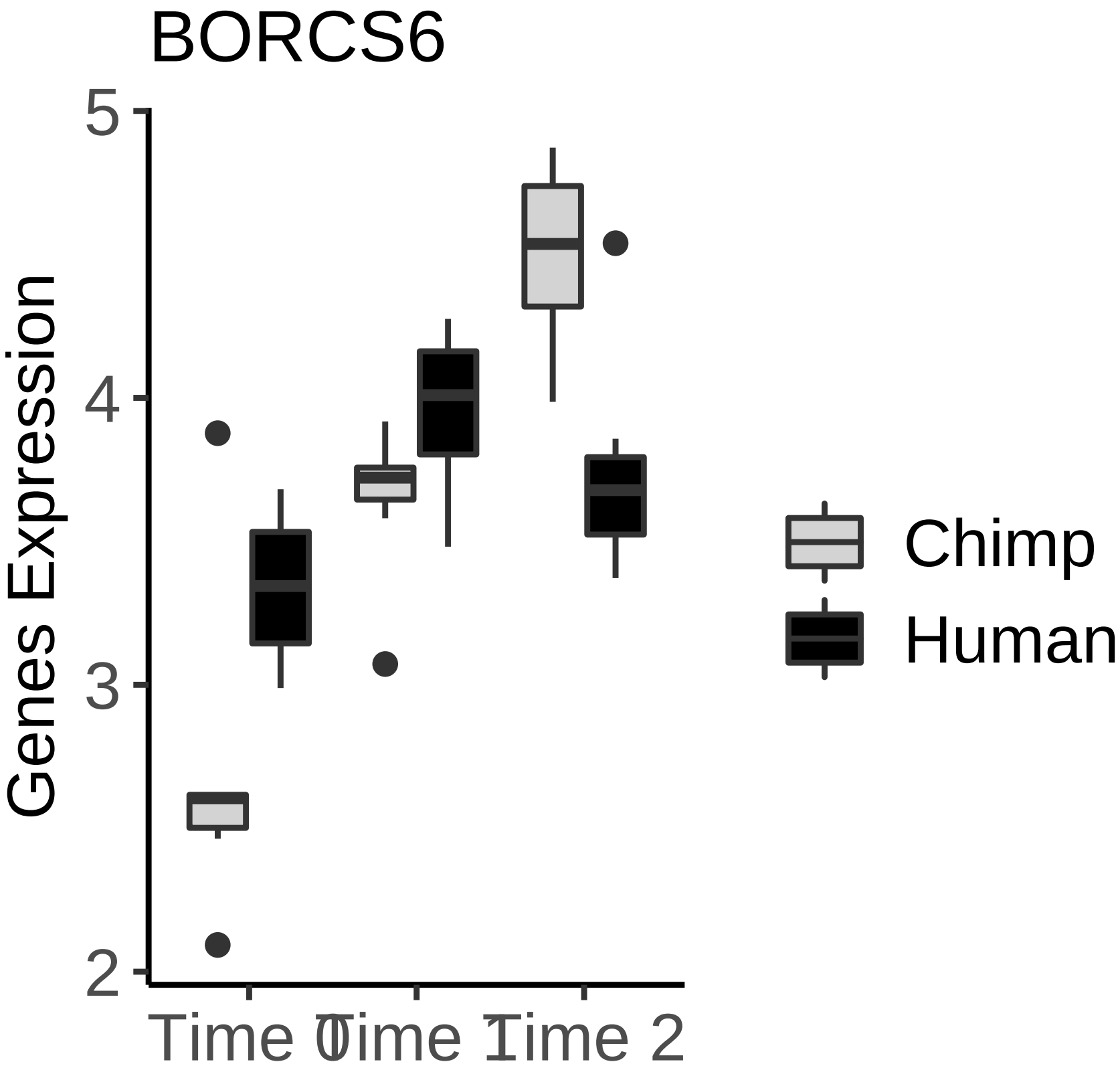
BORCS6
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Chimp
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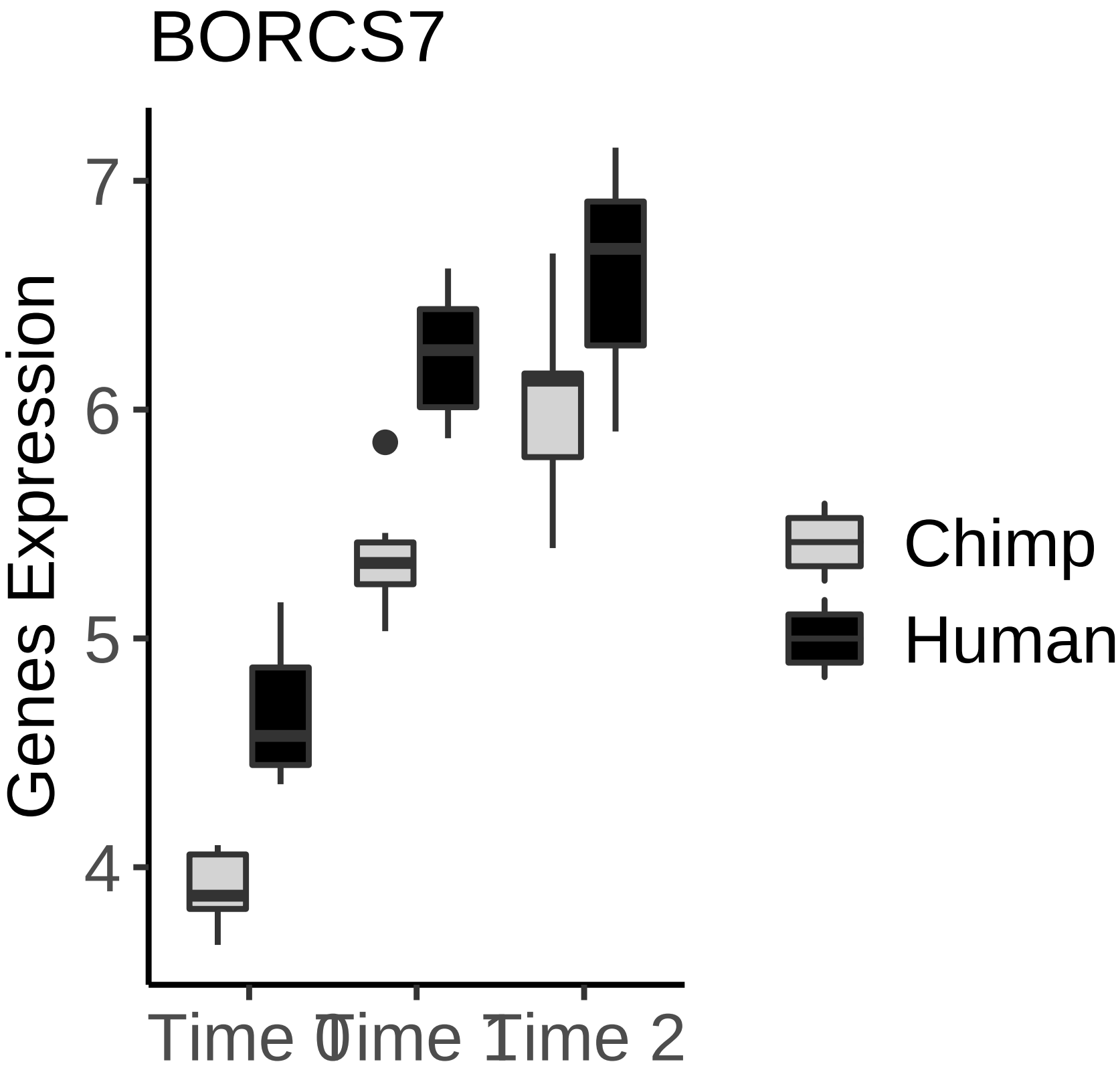
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Time 2
Chimp
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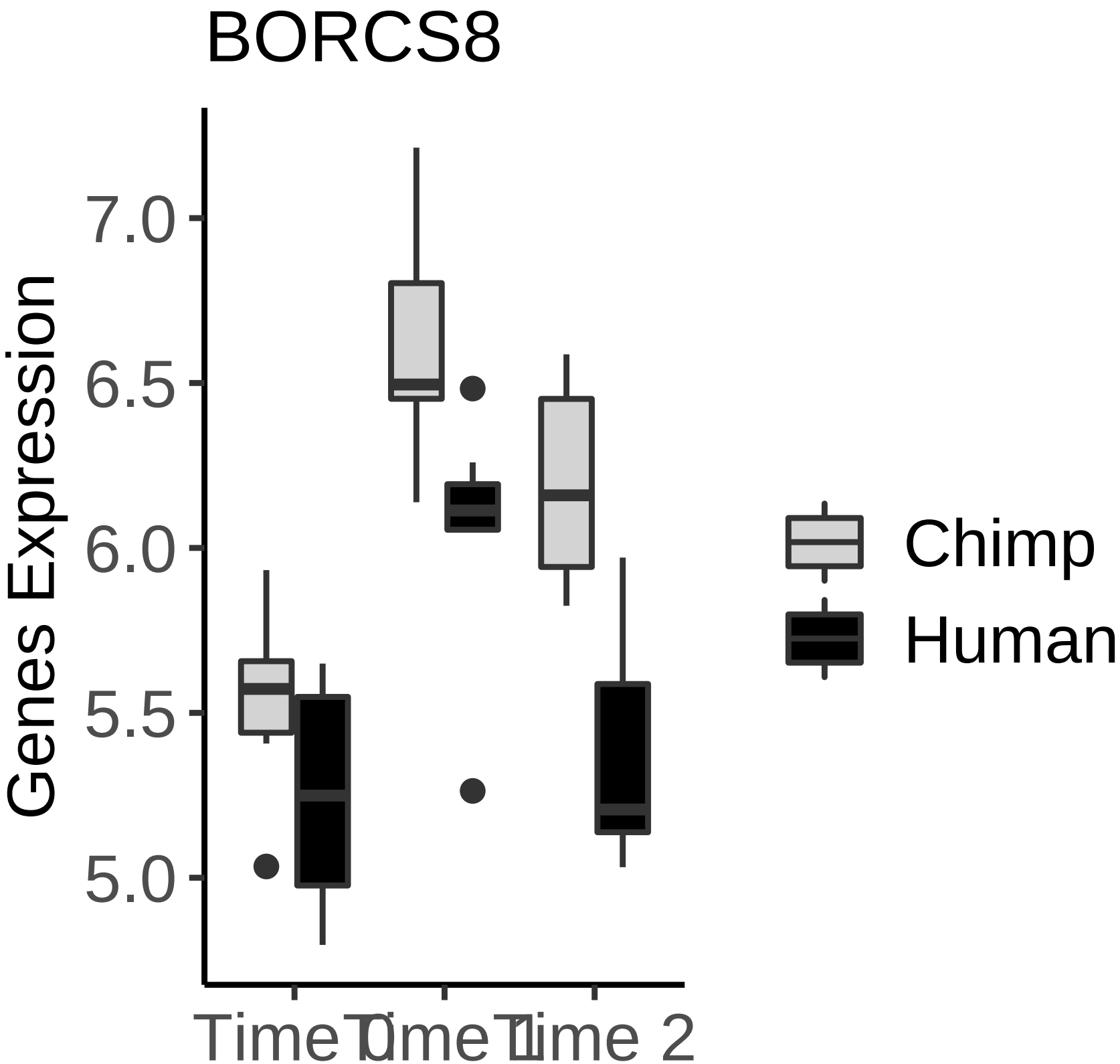
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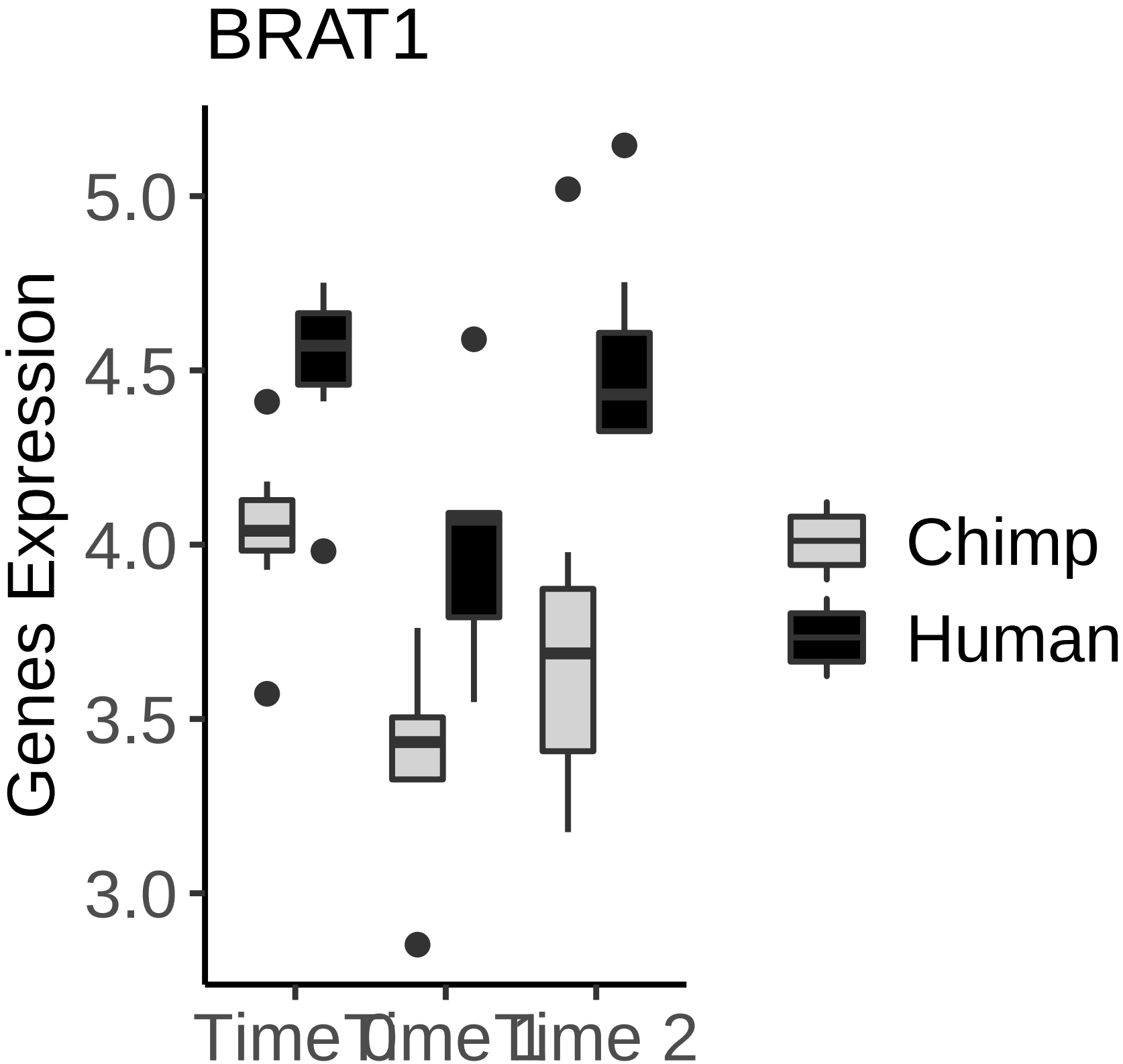
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3.0
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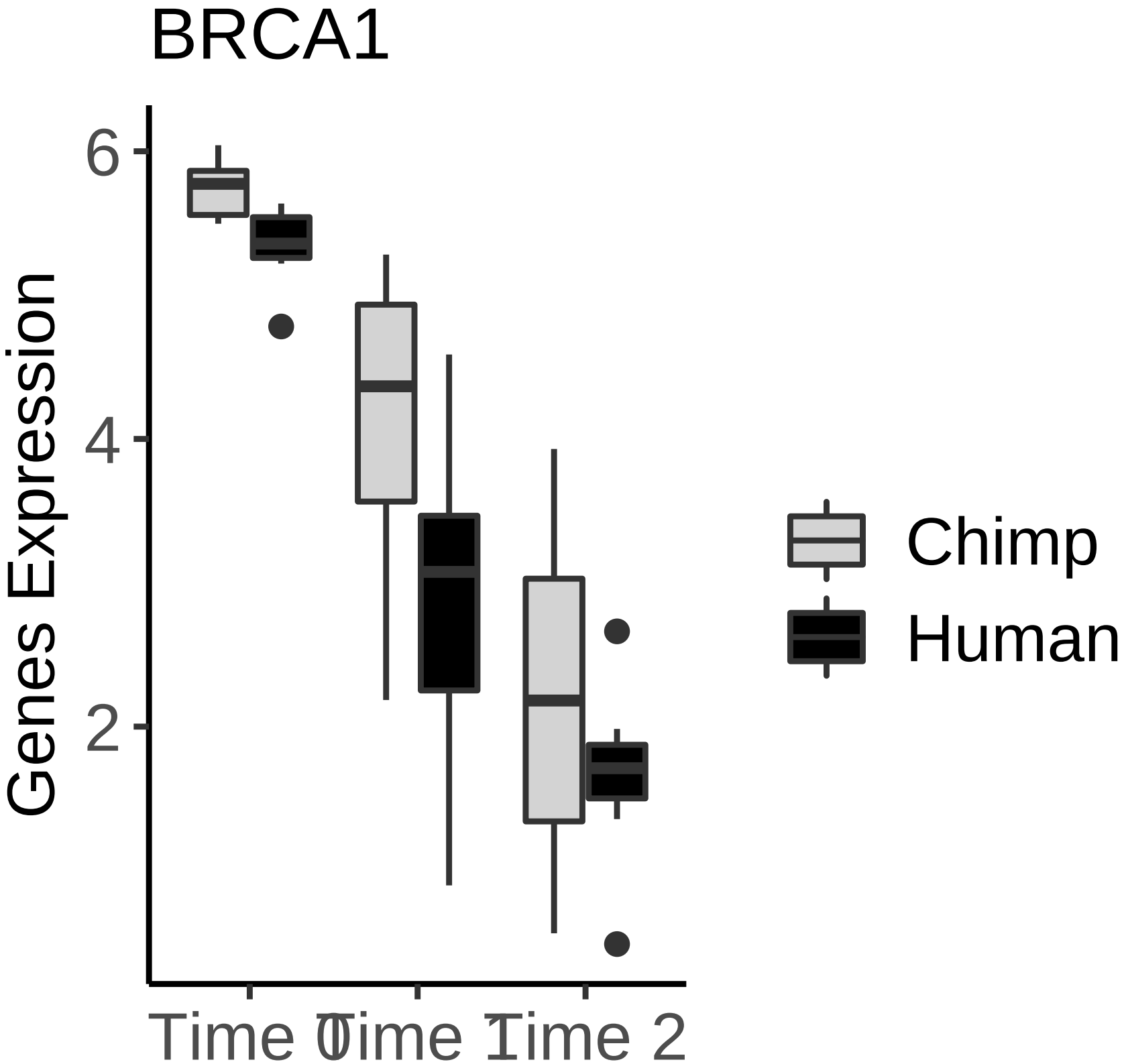
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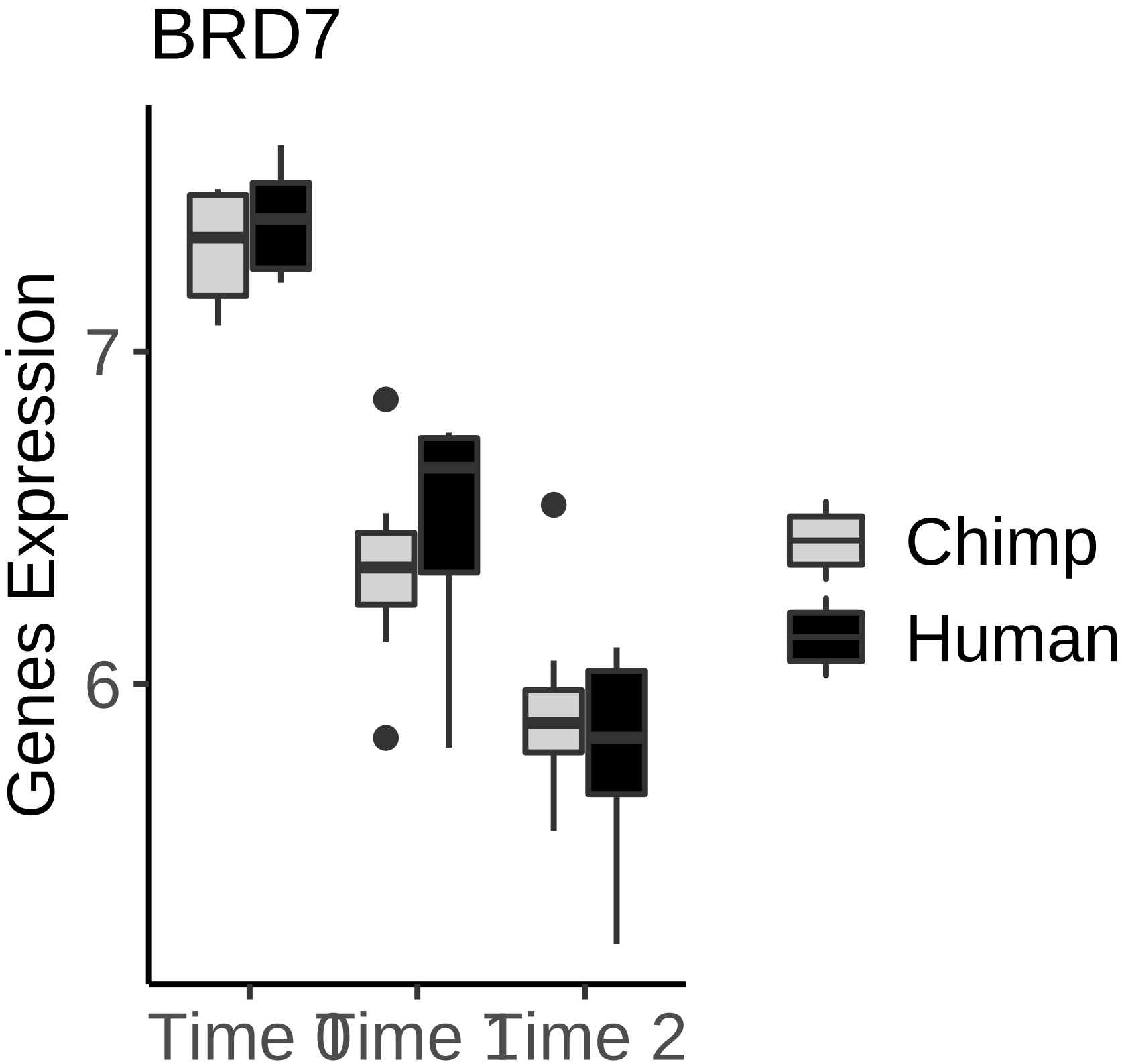
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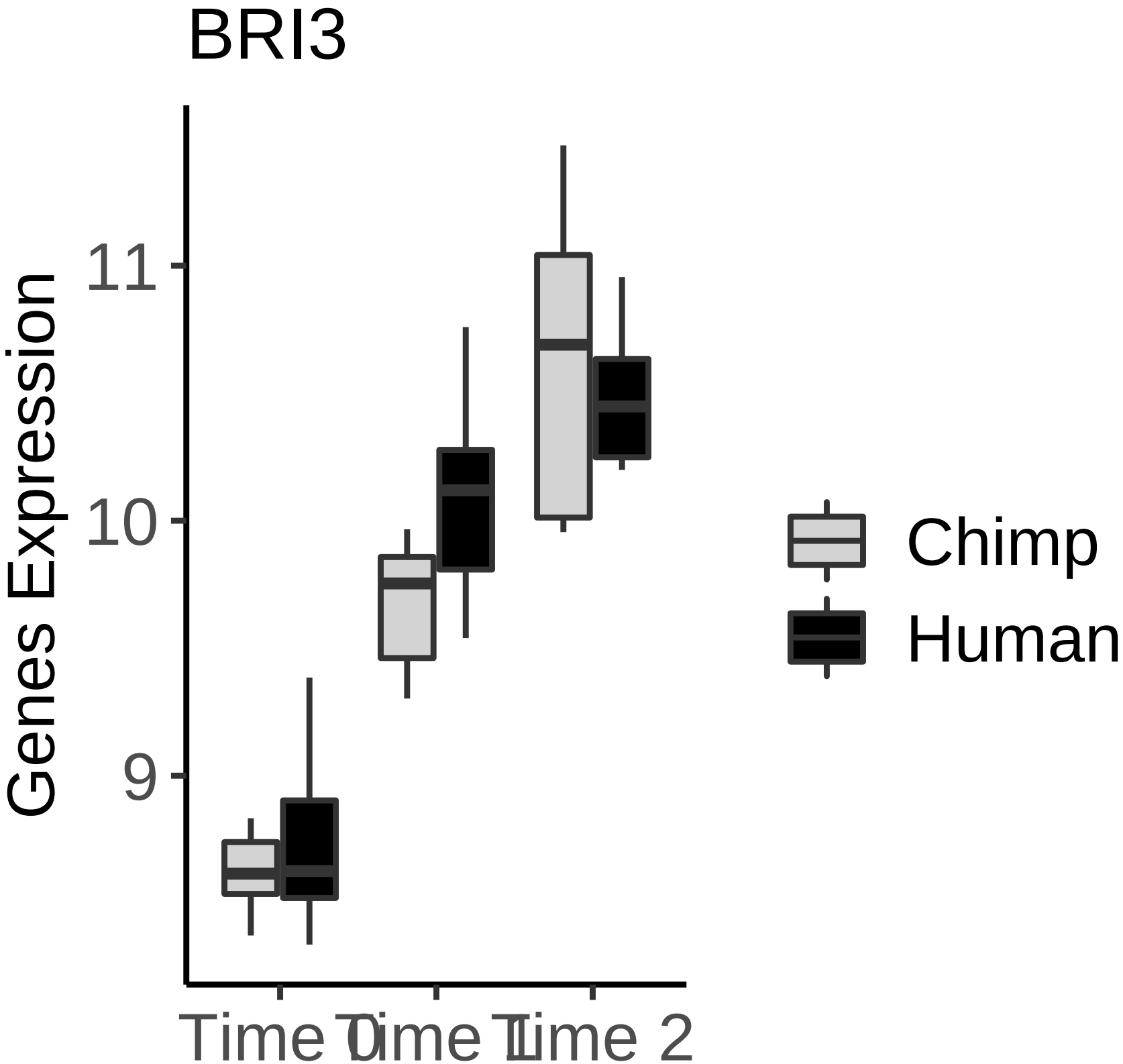
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11
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9
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Time 2
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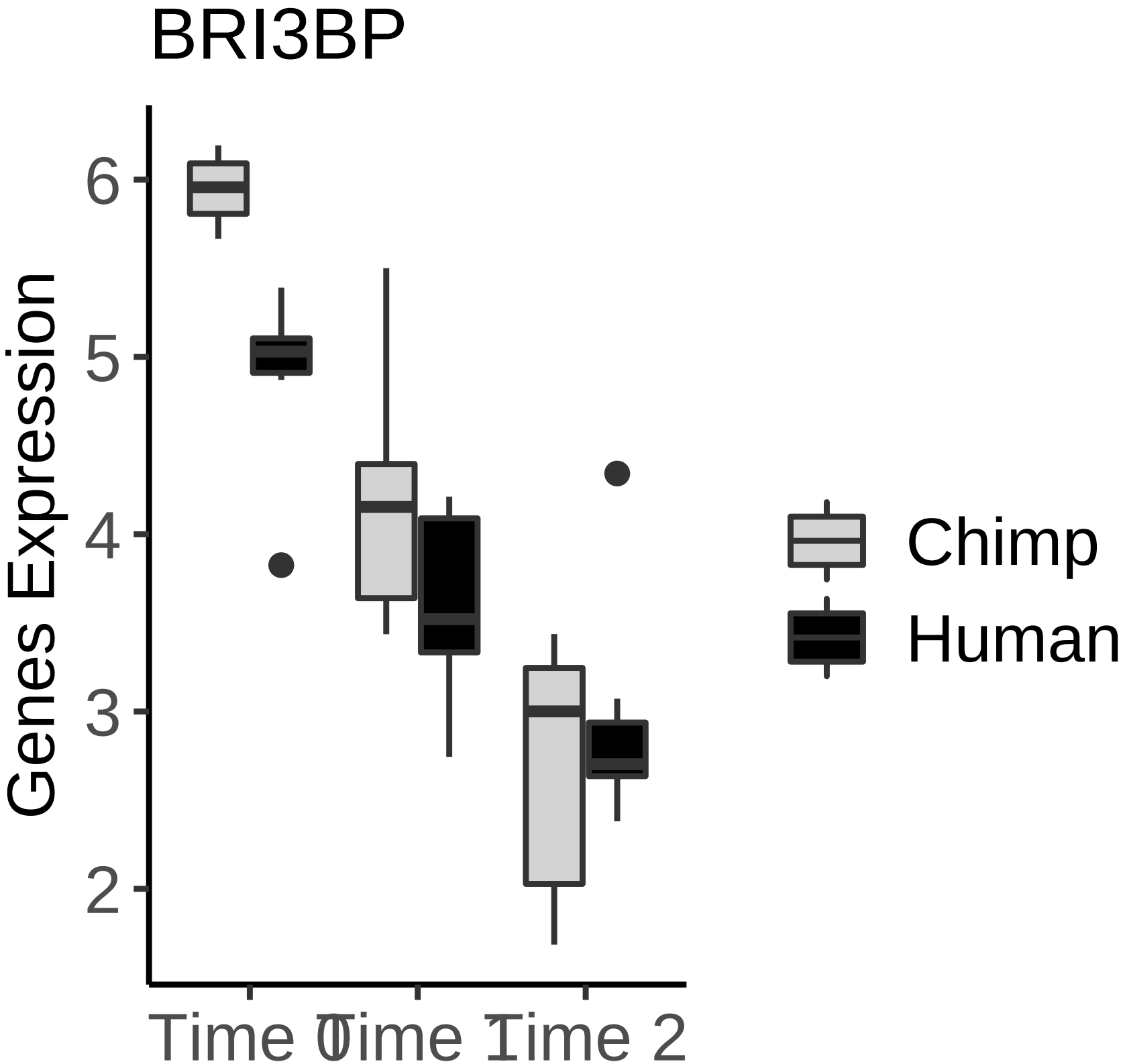
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Genes Expression
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2
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Time 2
Chimp
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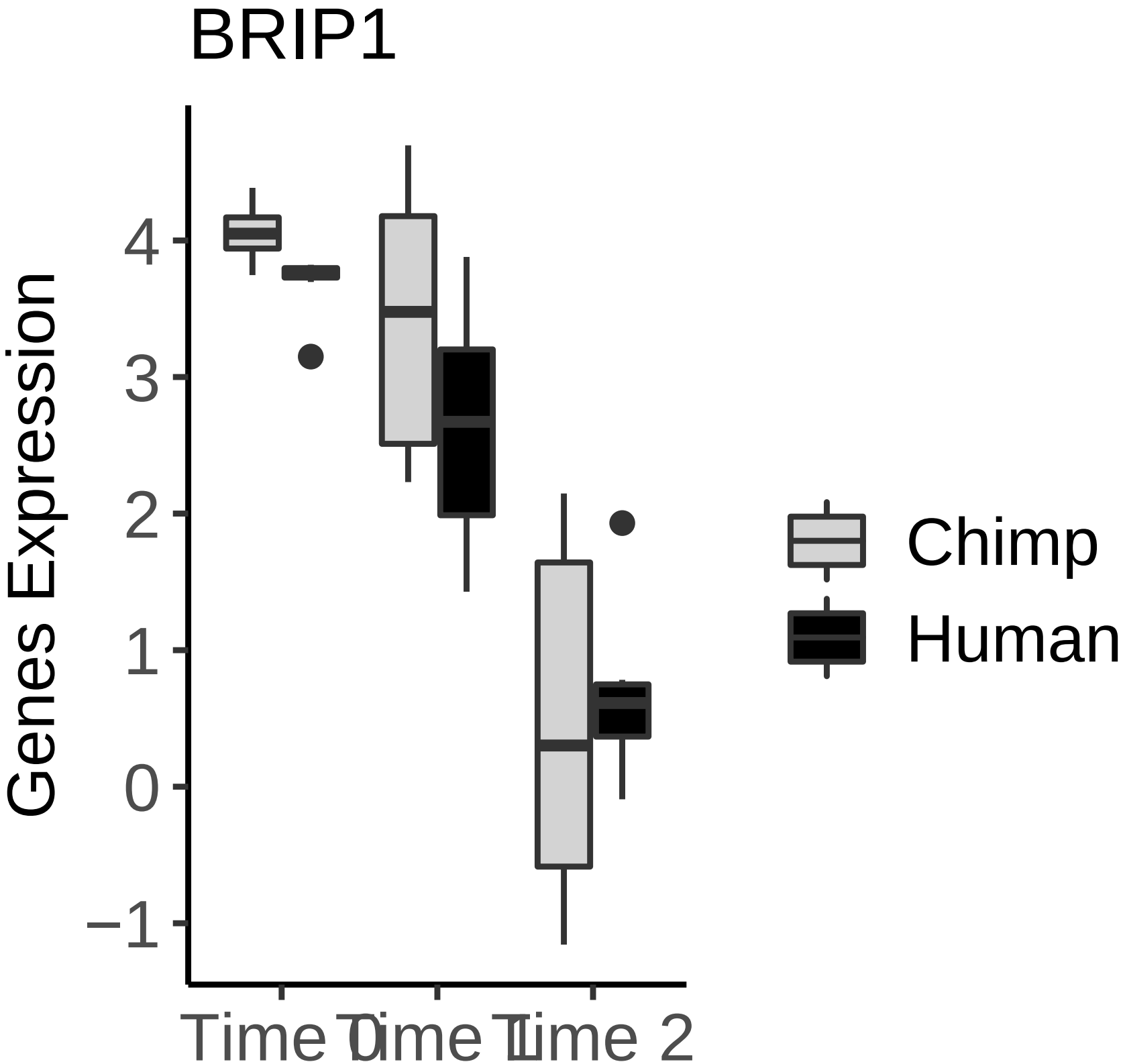
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Time 1
Time 2
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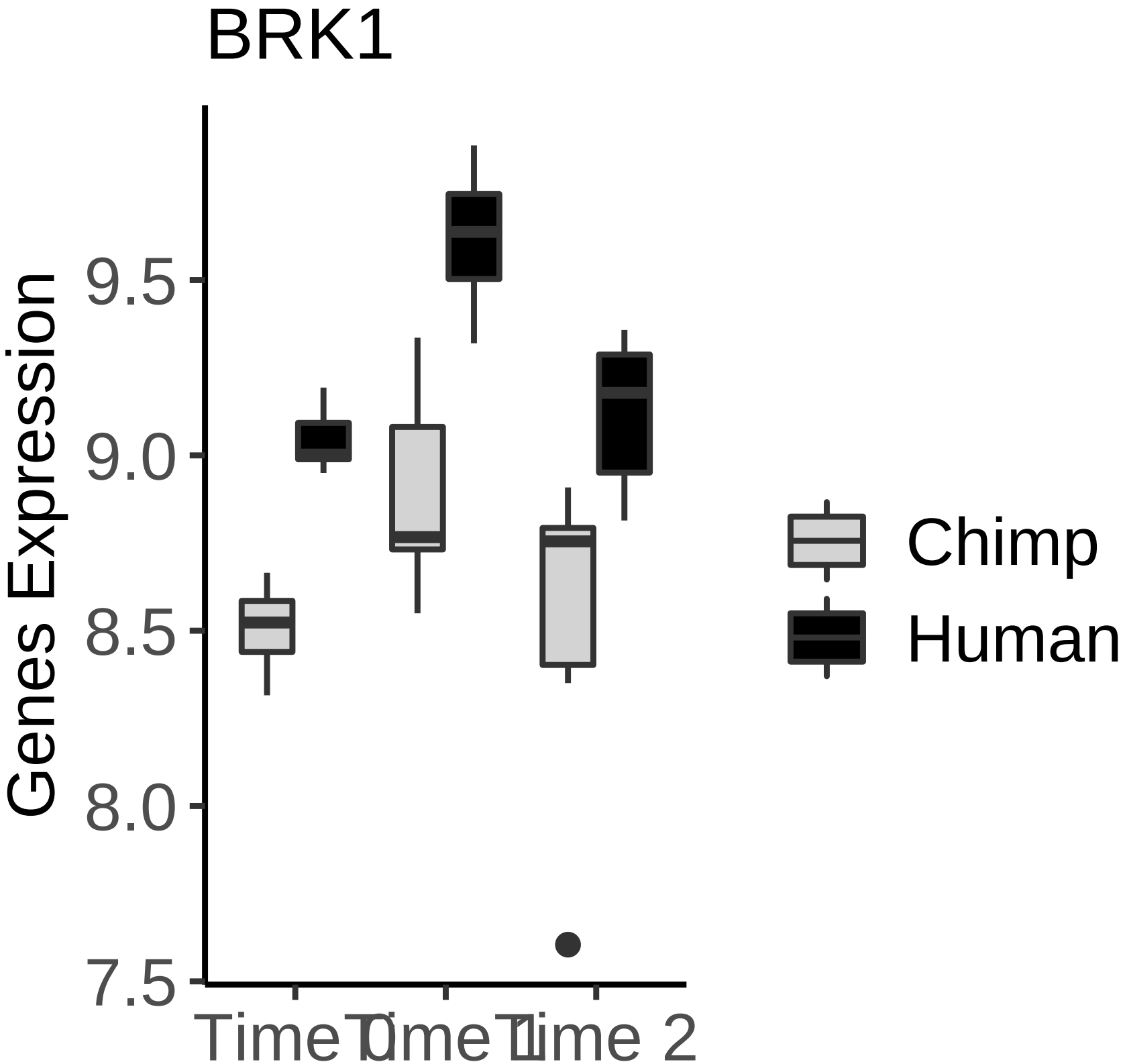
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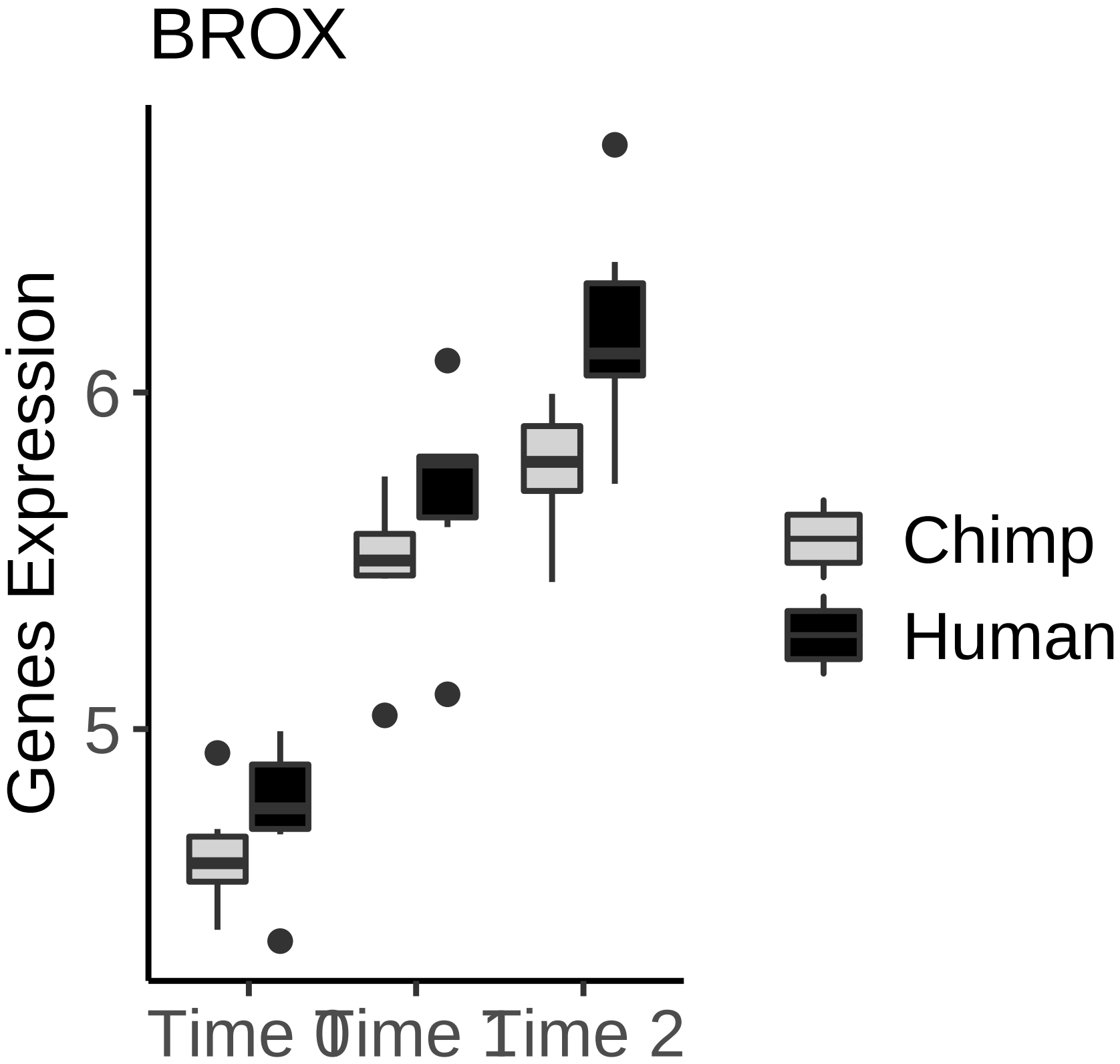
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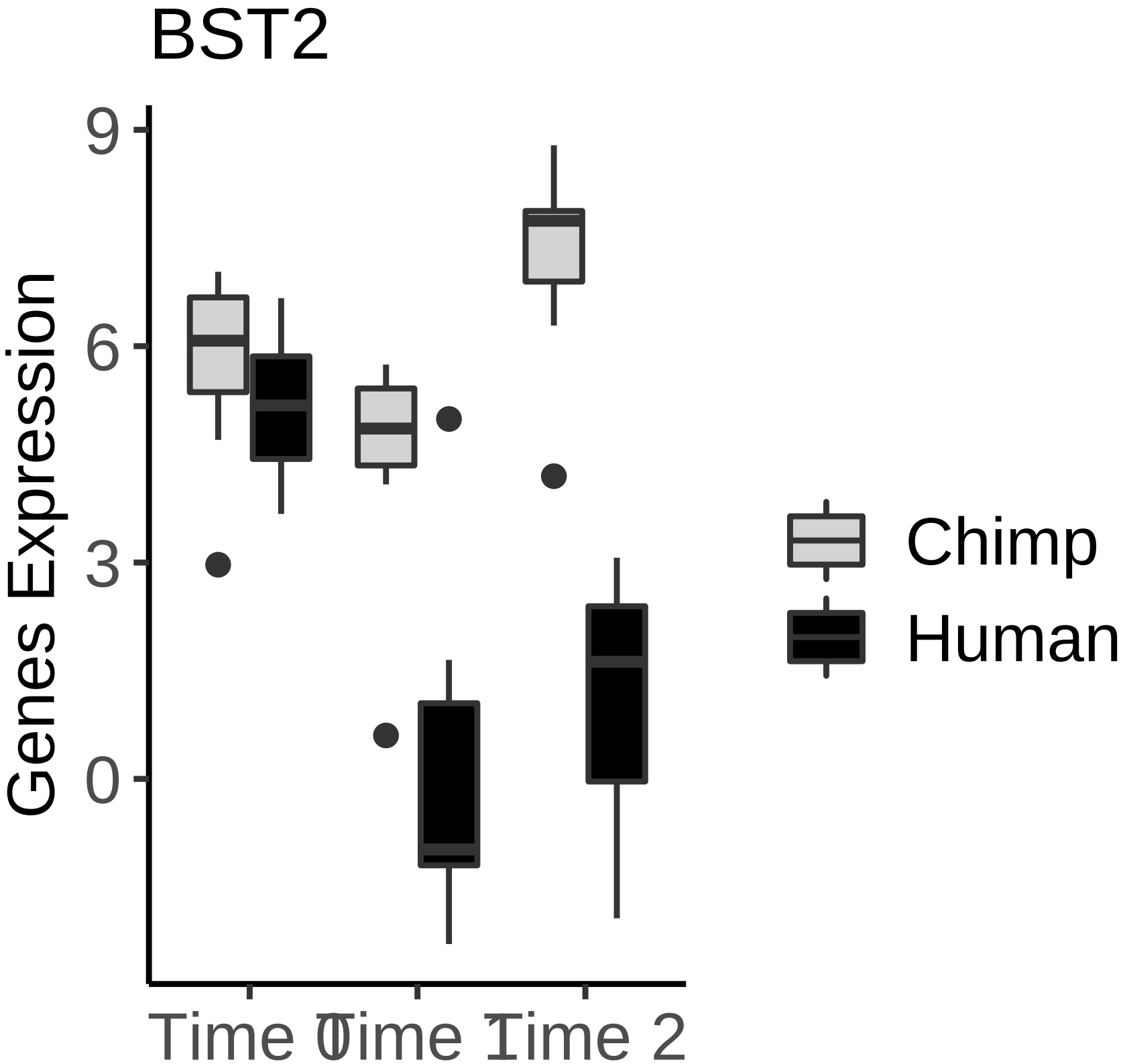
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Chimp
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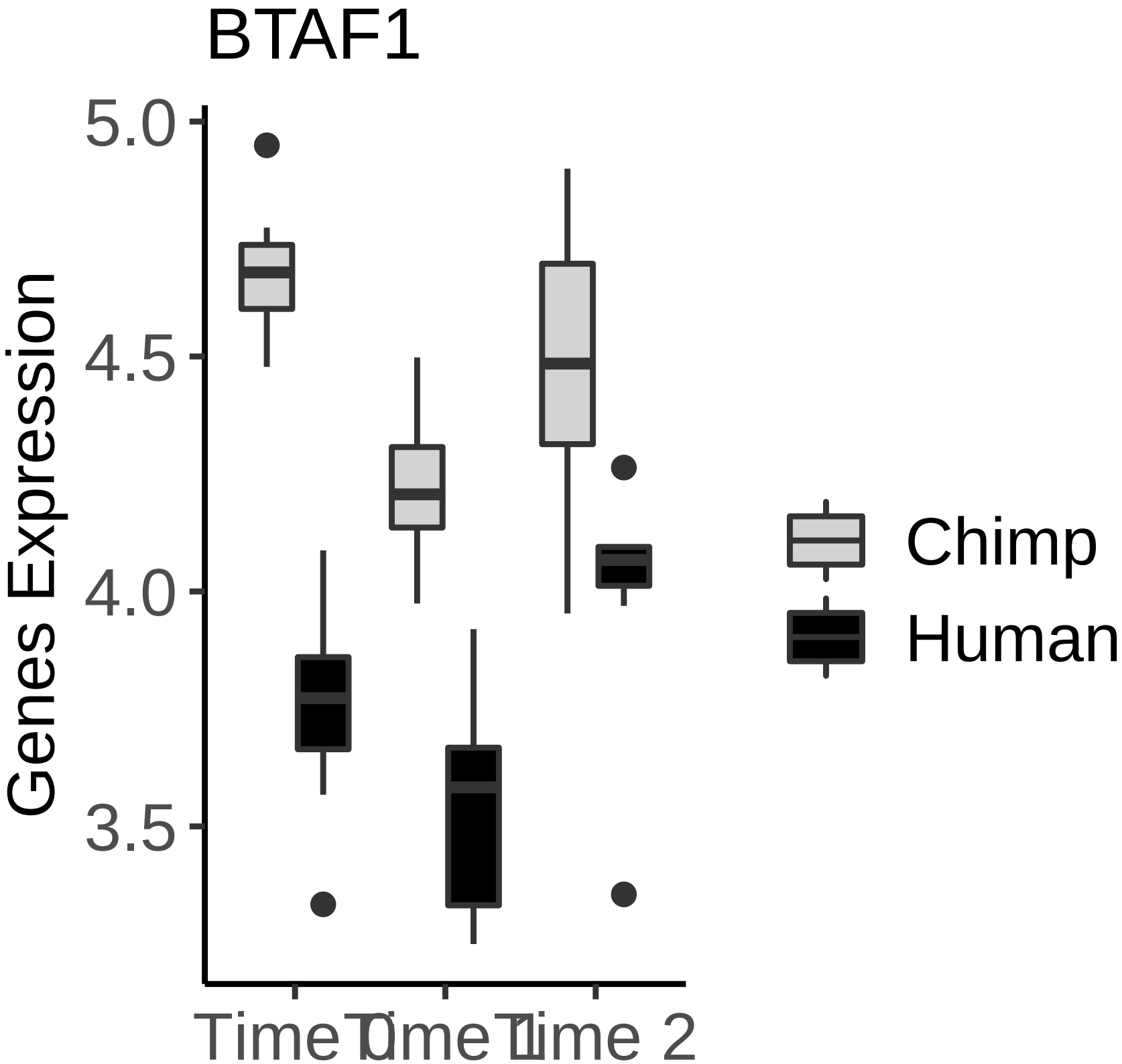
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Time 2
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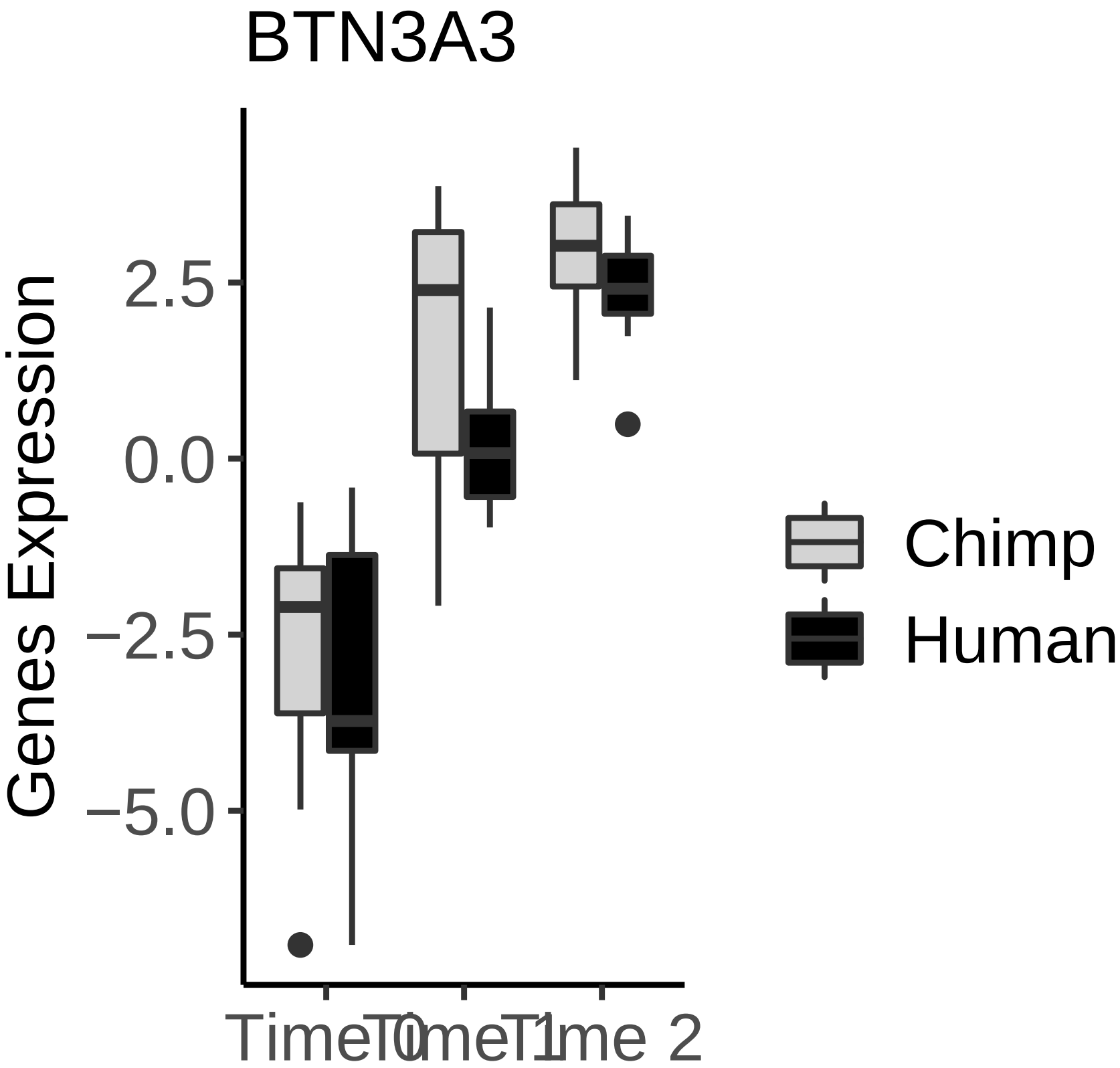
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Time 0
Time 1
Time 2
Chimp
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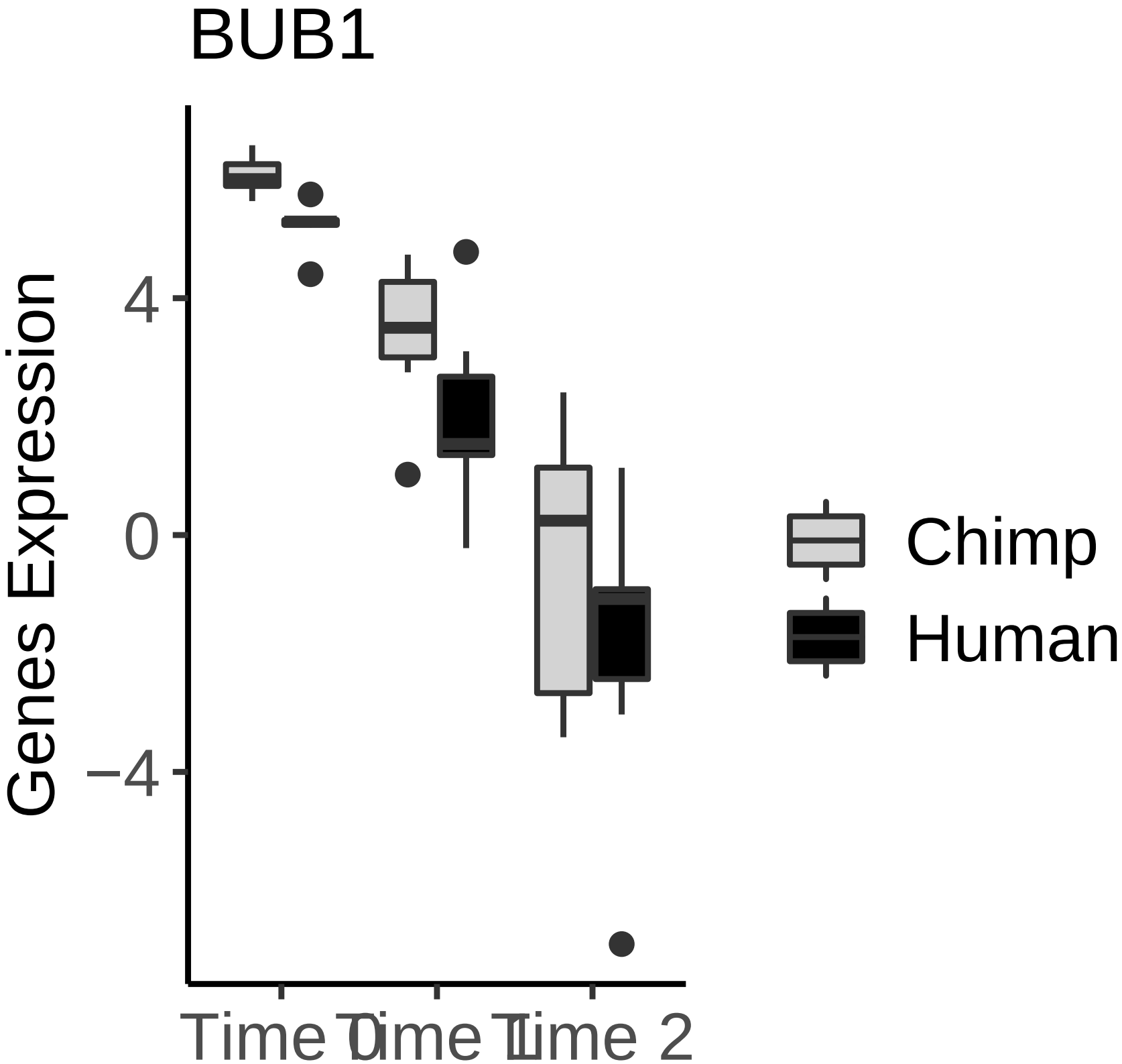
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Time 2
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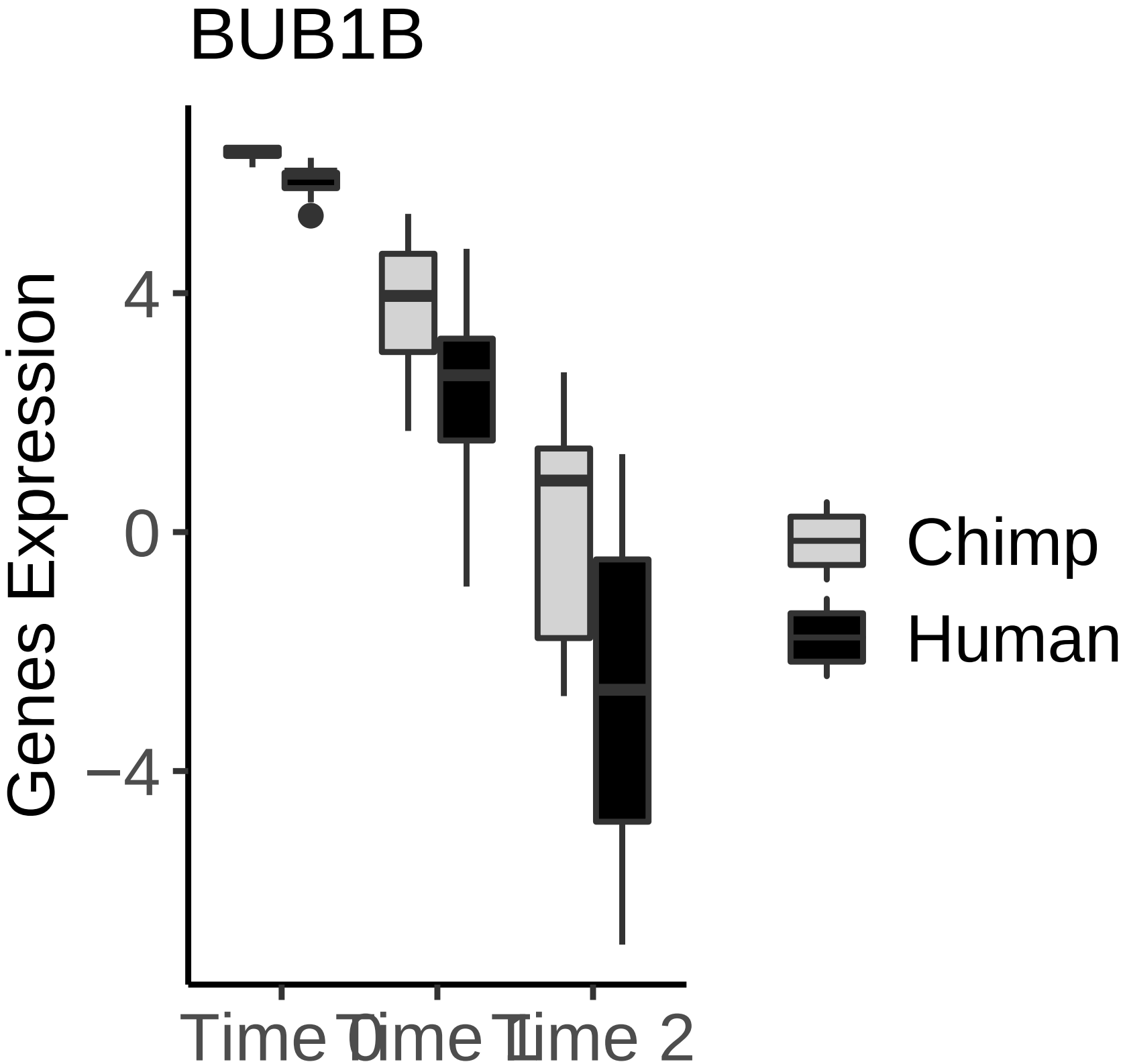
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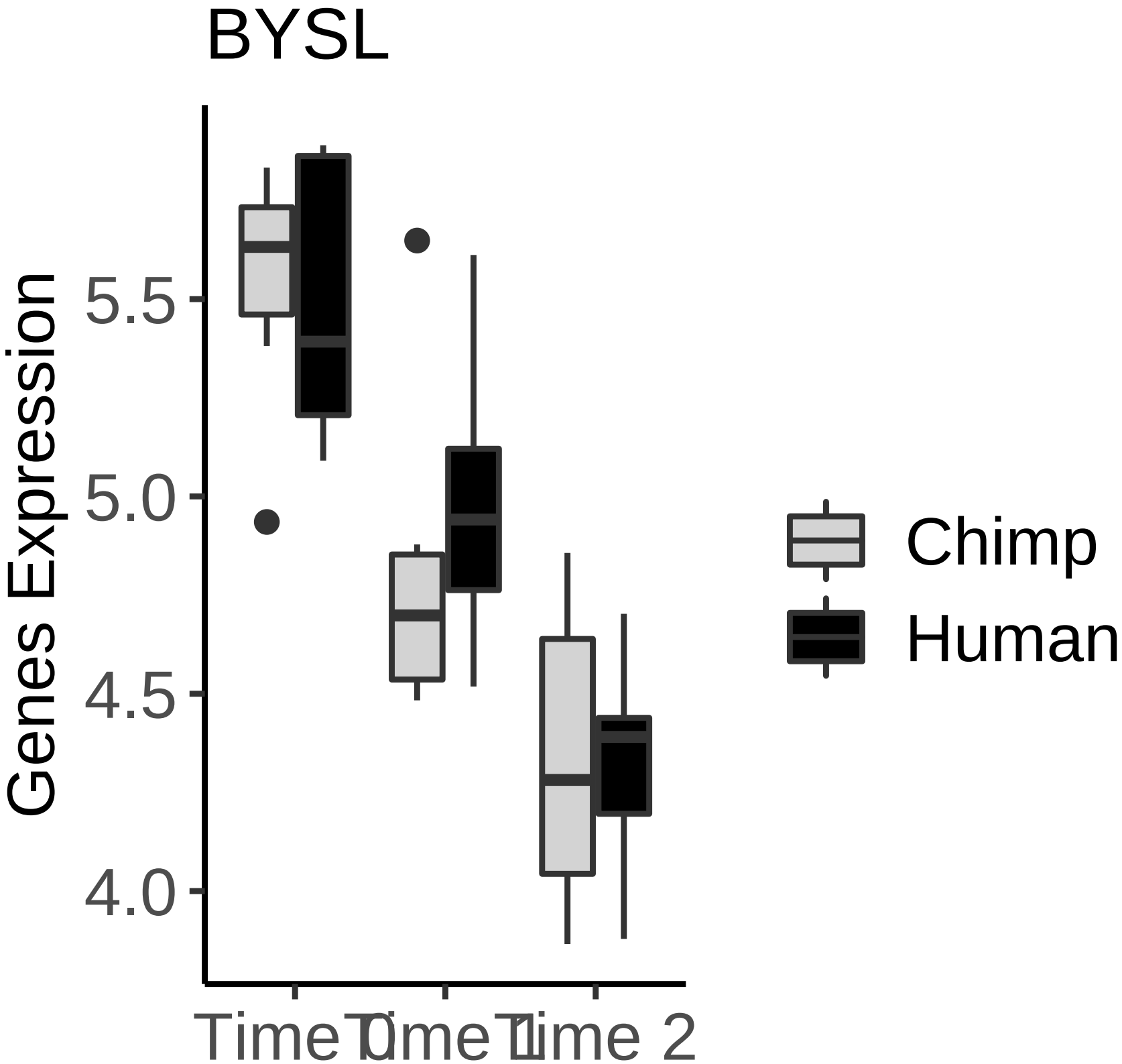
BYSL
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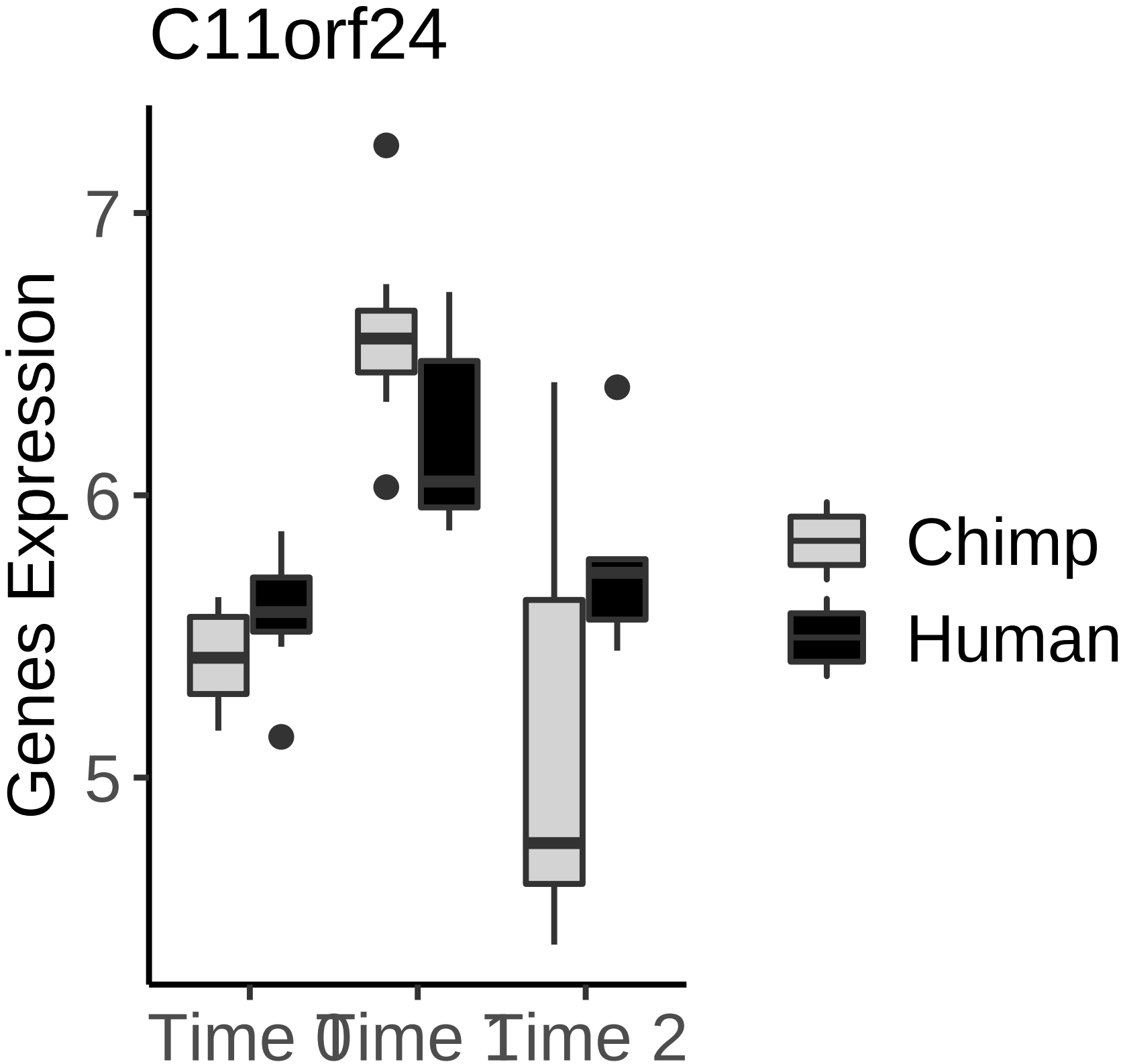
C11orf24
Genes Expression
7
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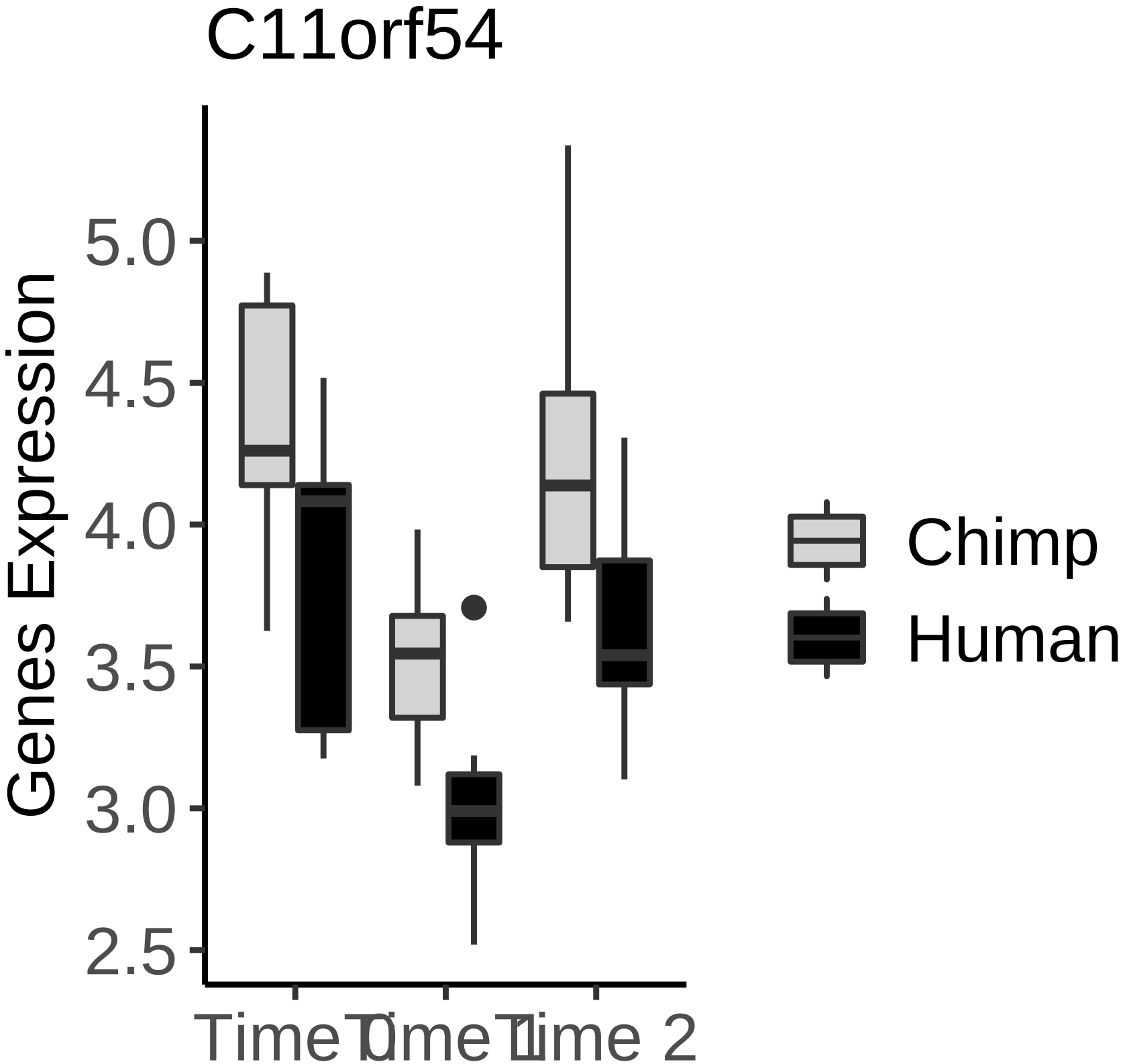
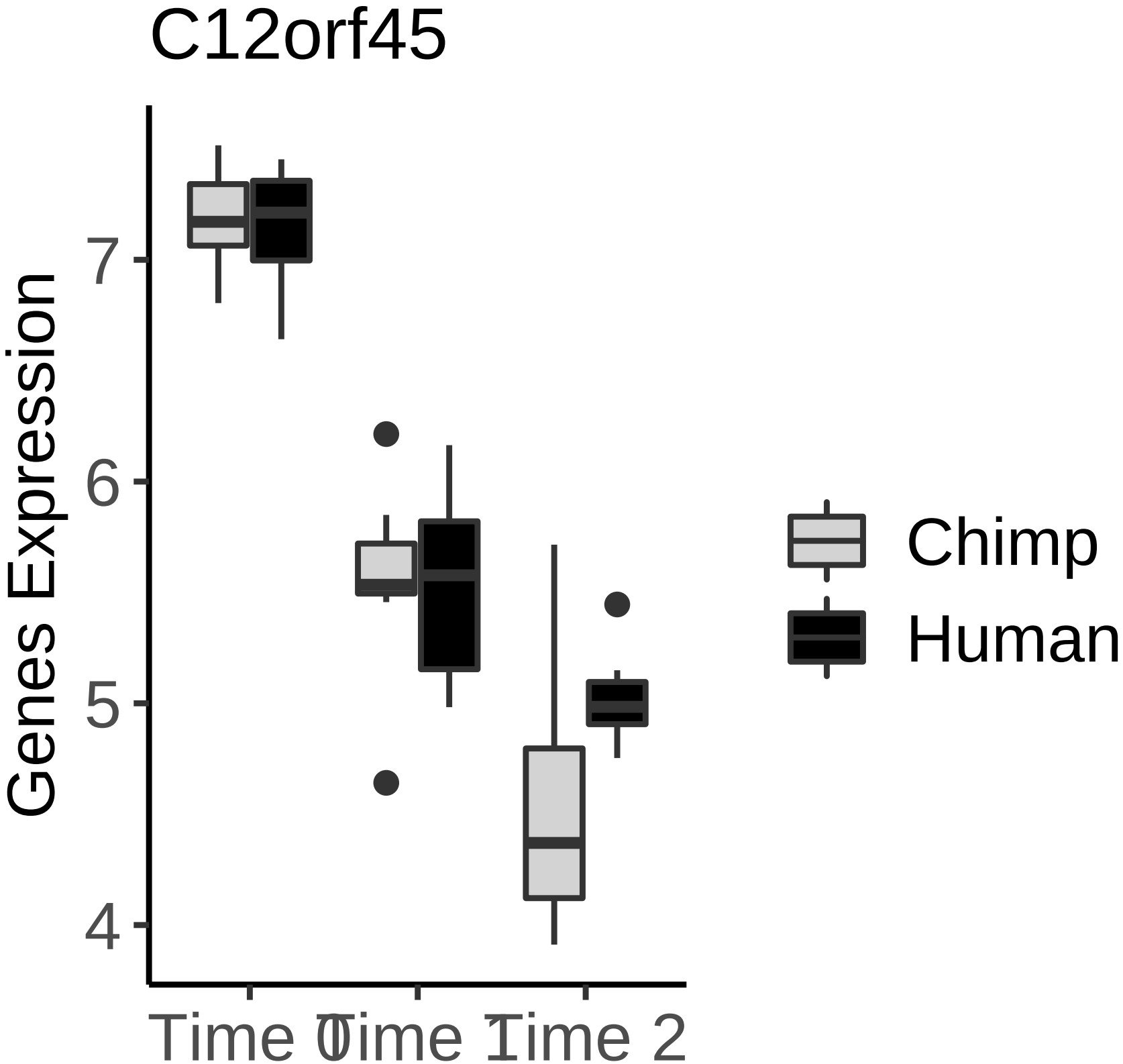
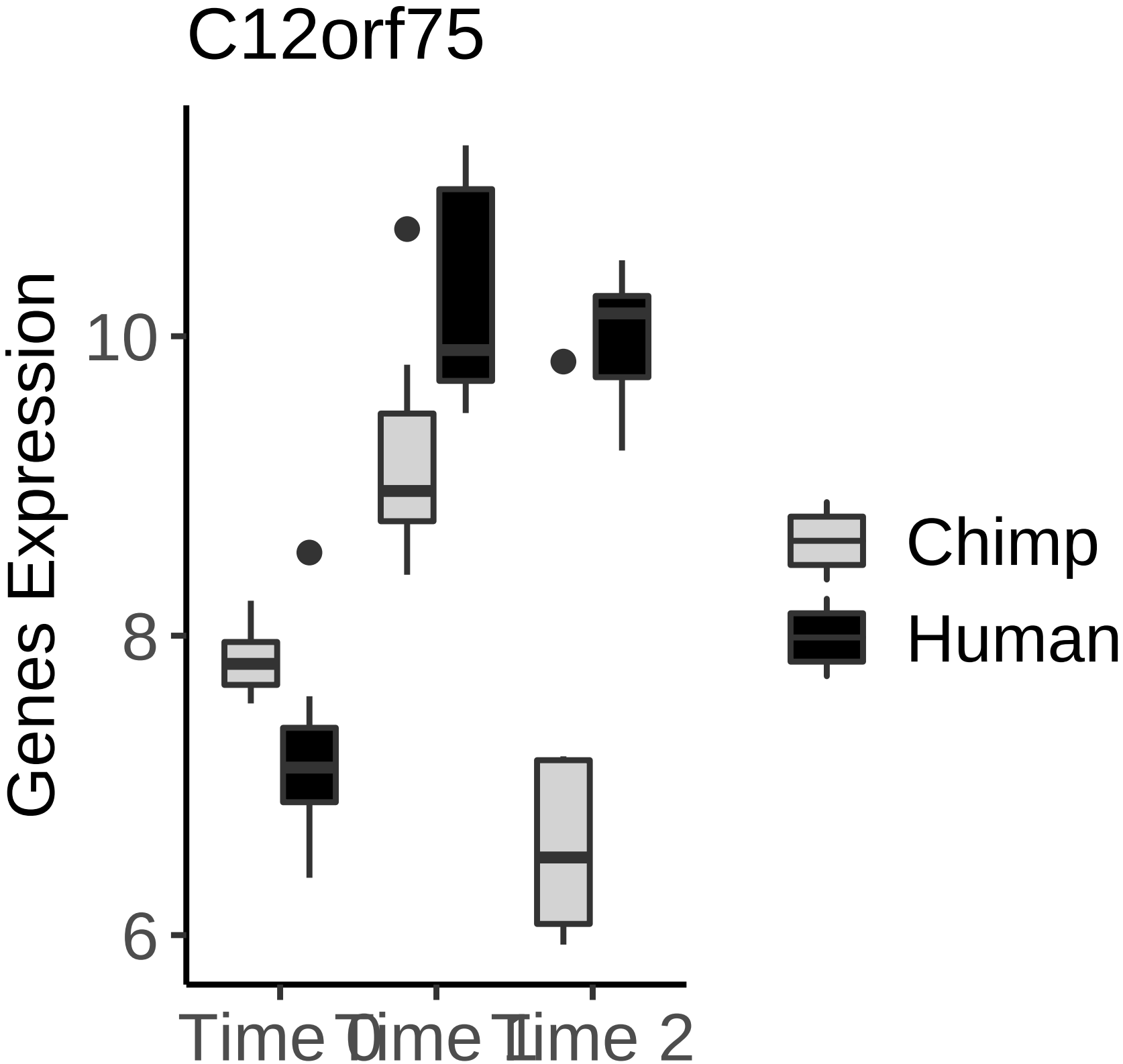
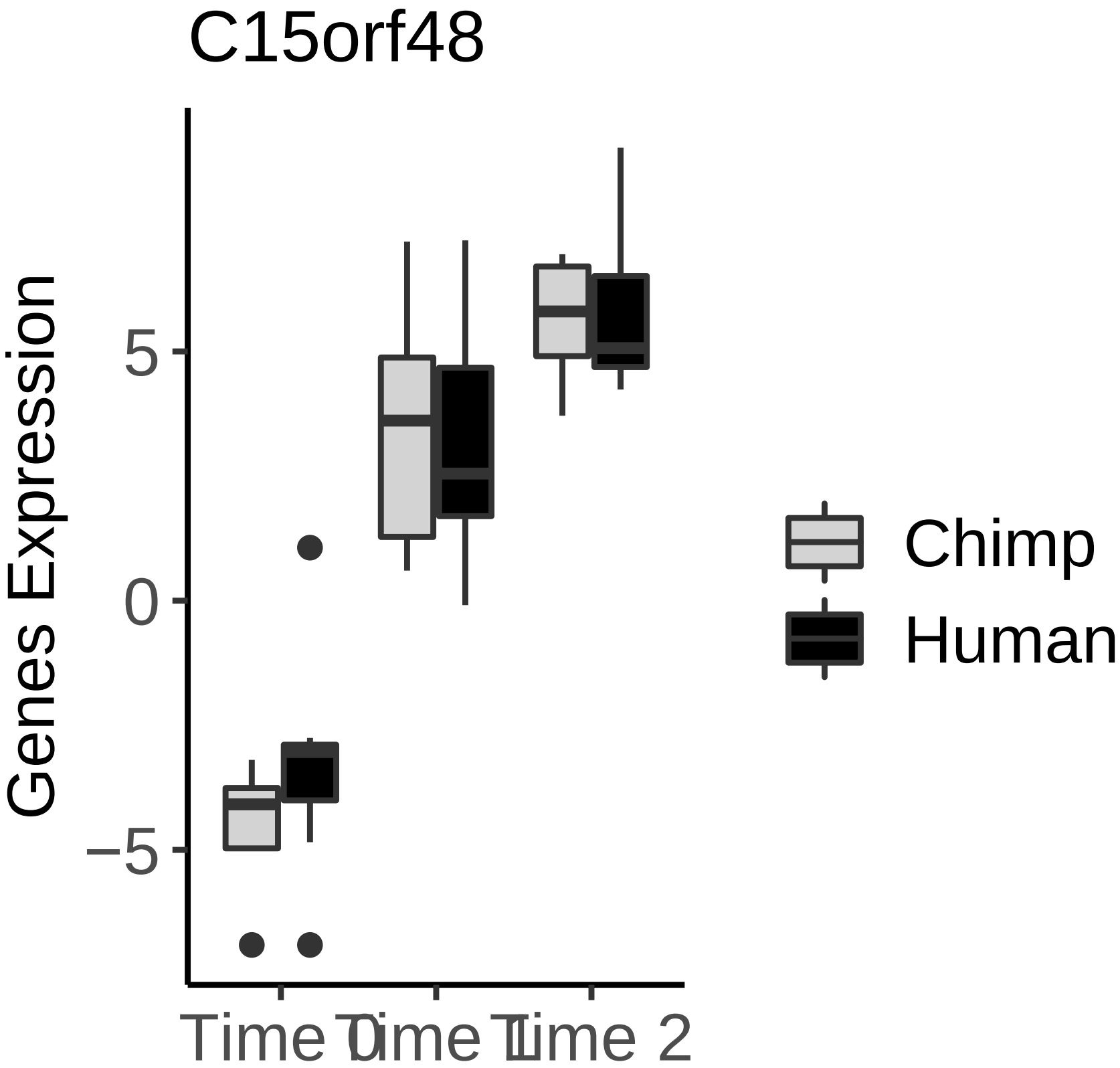
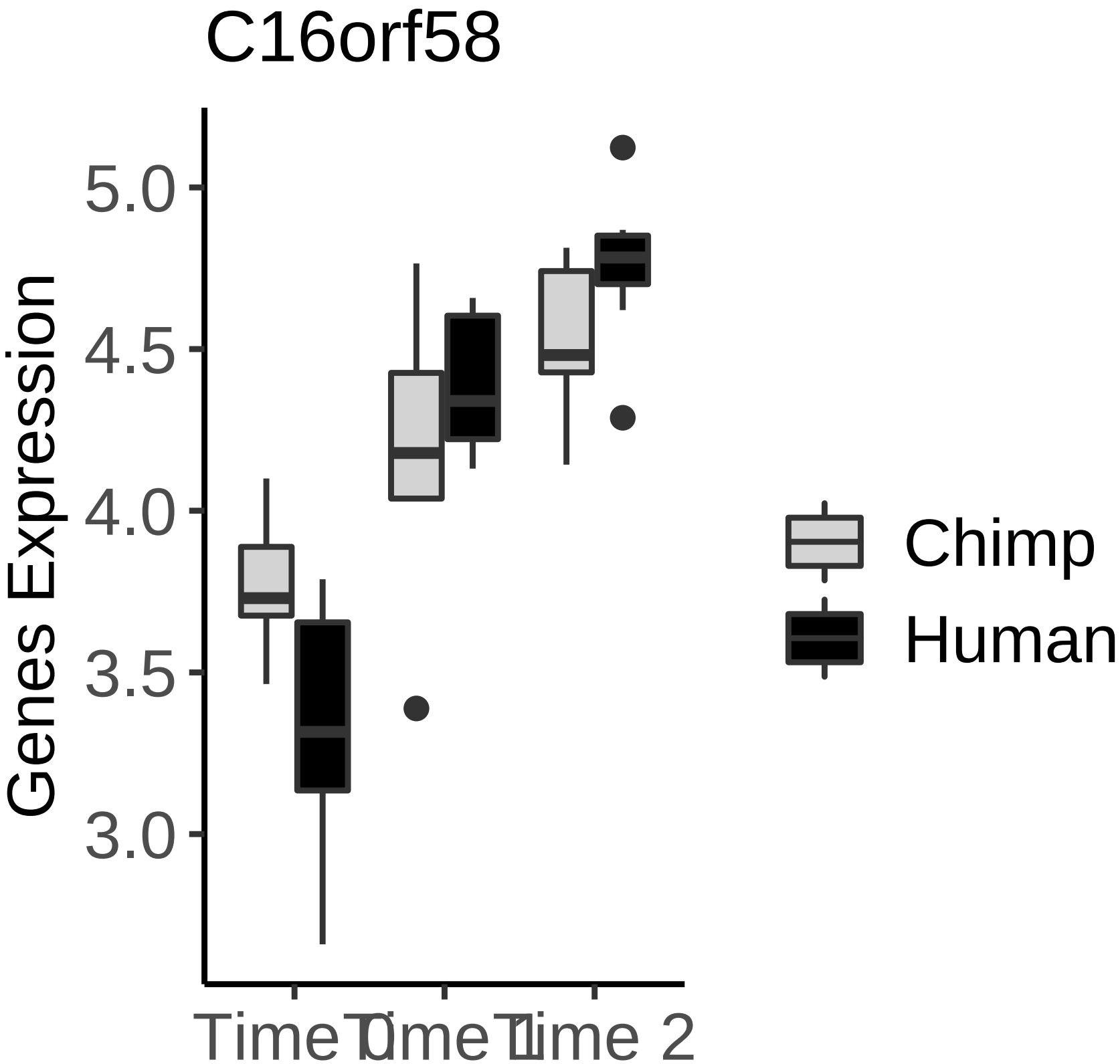
Time 0
Time 1
Time 2
Chimp
Human

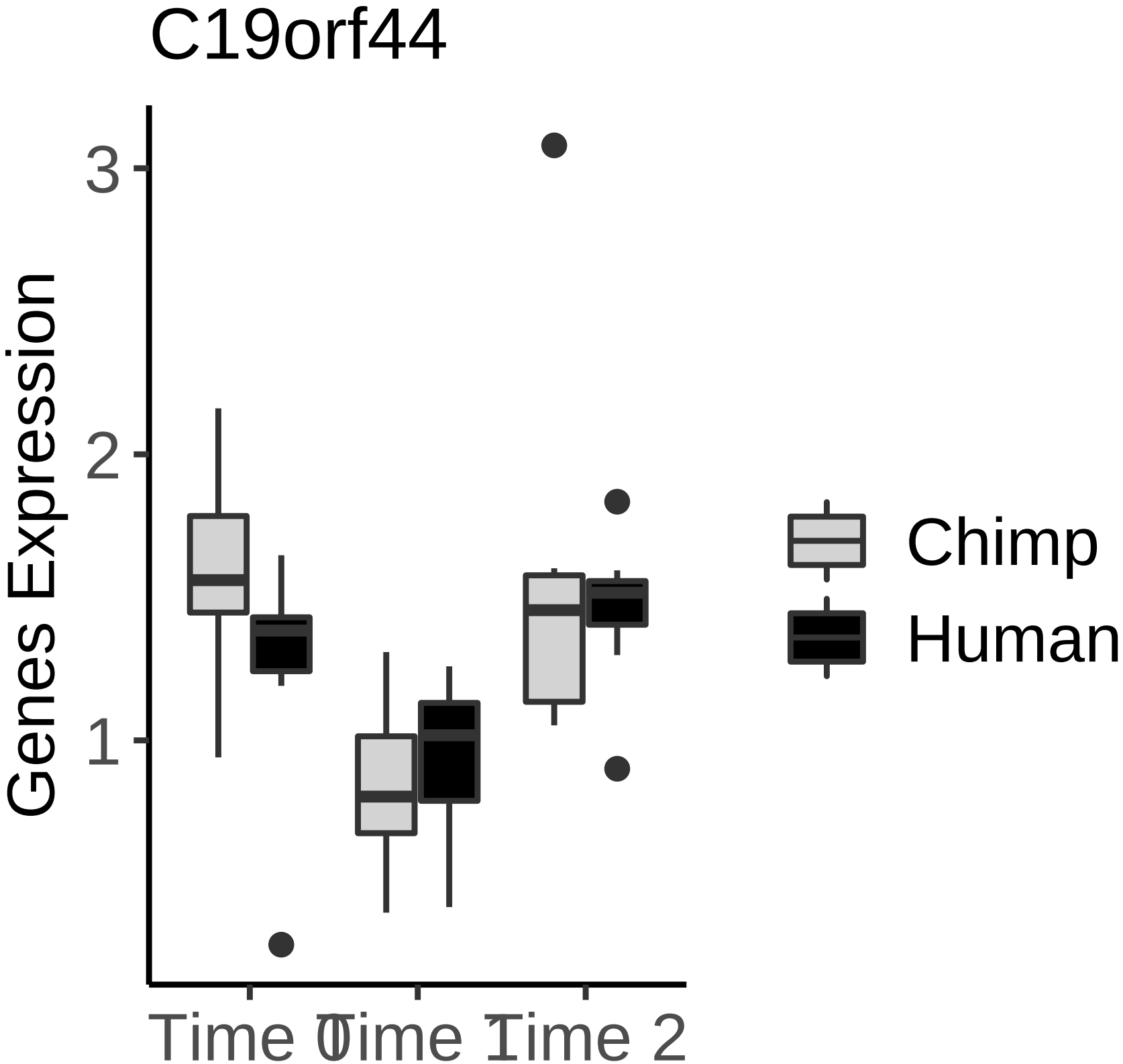

C11orf54
Genes Expression
5.0
4.5
4.0
3.5
3.0
2.5
Time 0
Time 1
Time 2
Chimp
Human

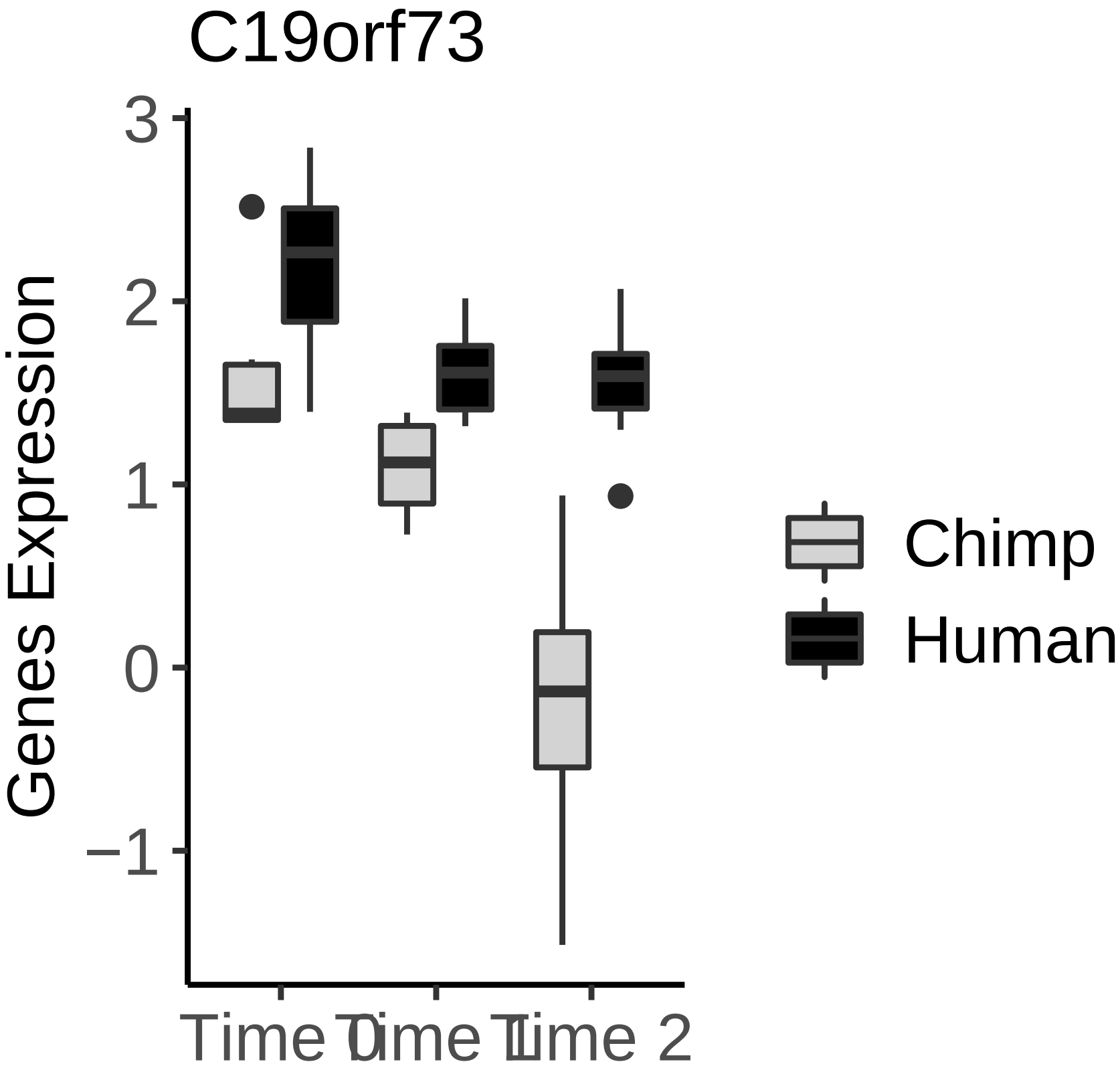

C12orf45
Genes Expression
7
6
5
4
Time 0
Time 1
Time 2
Chimp
Human

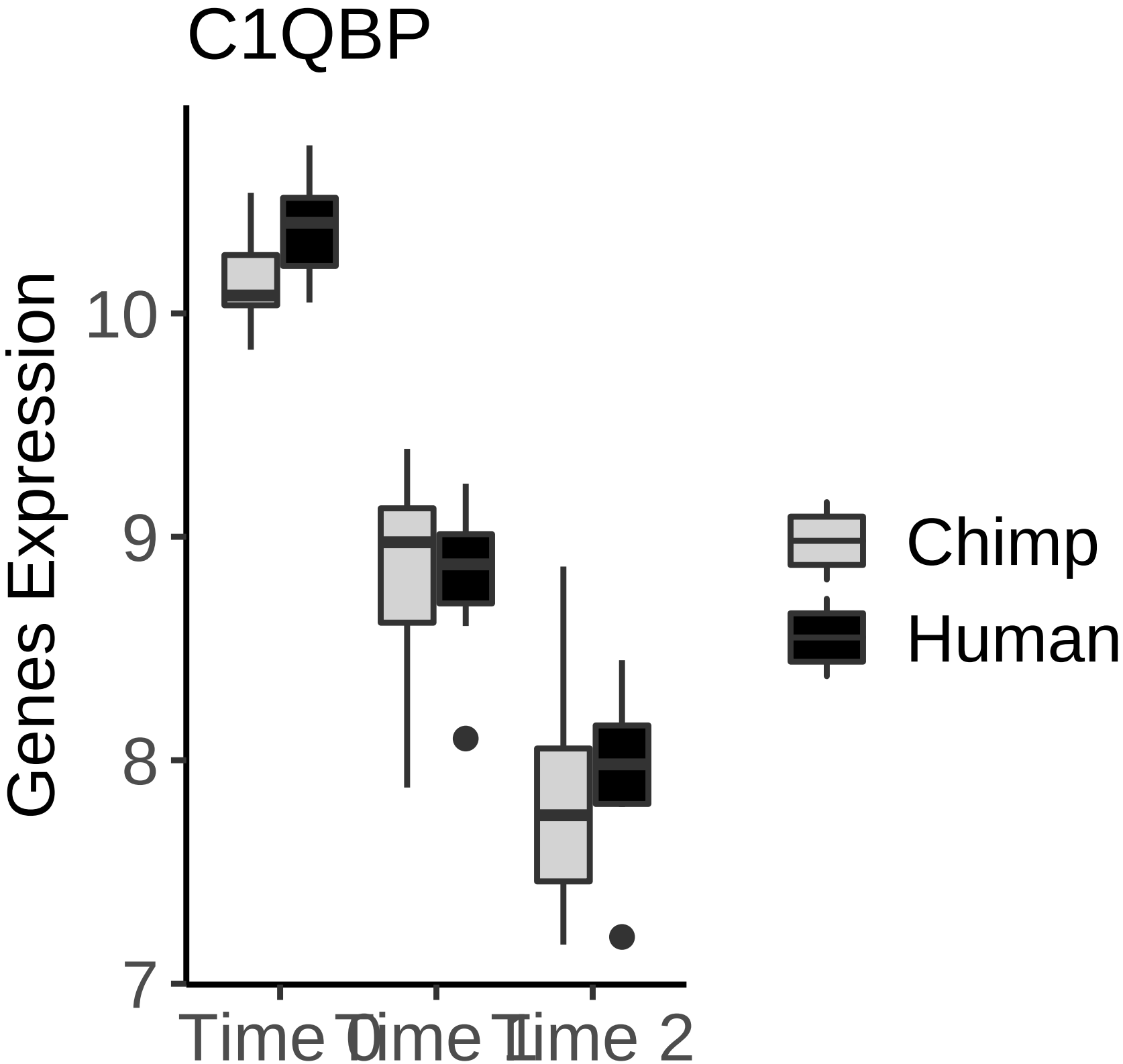

C12orf75
Genes Expression
10
8
6
Time 0
Time 1
Time 2
Chimp
Human

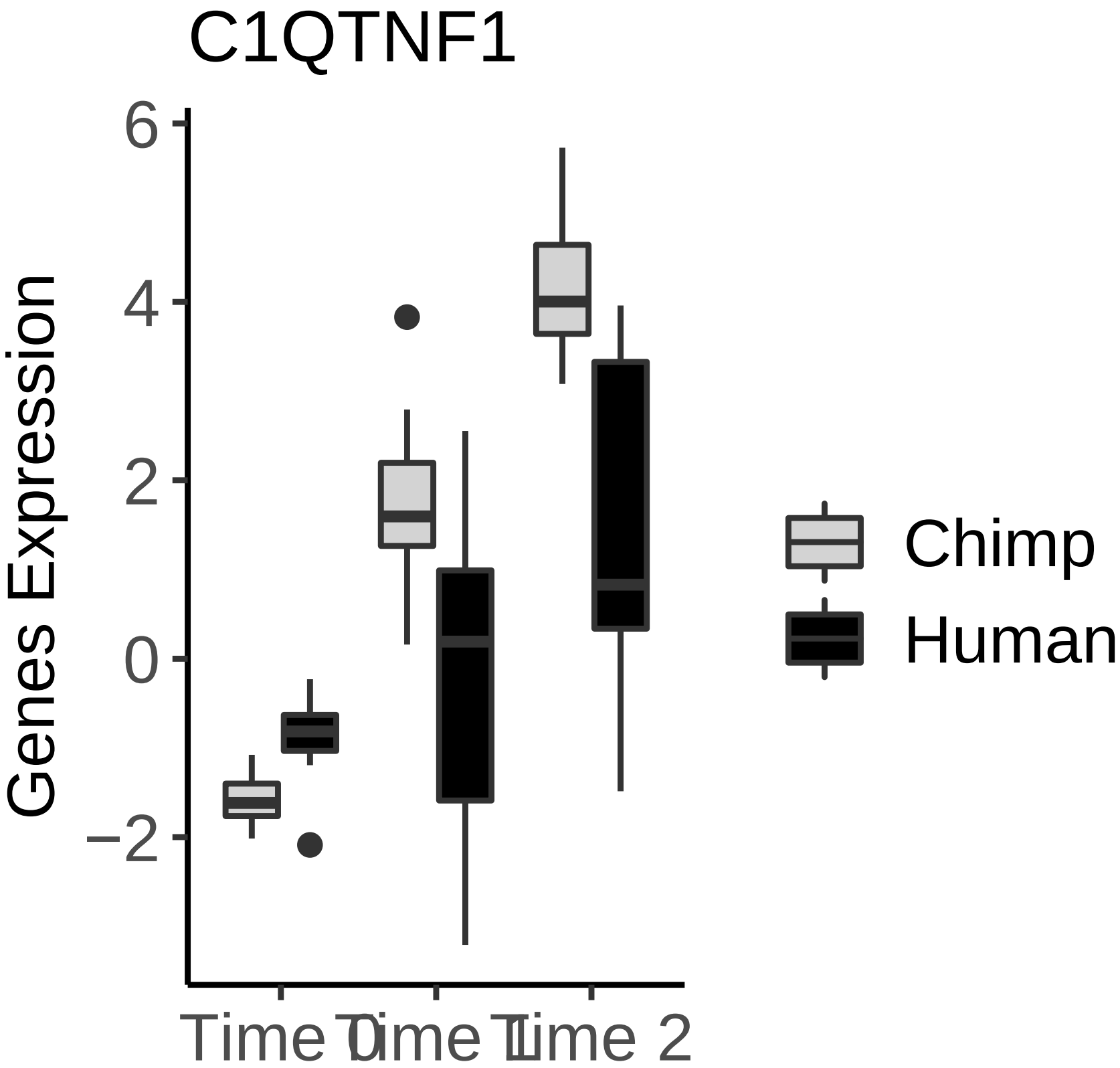

C15orf48
Genes Expression
5
0
−5
Time 0
Time 1
Time 2
Chimp
Human

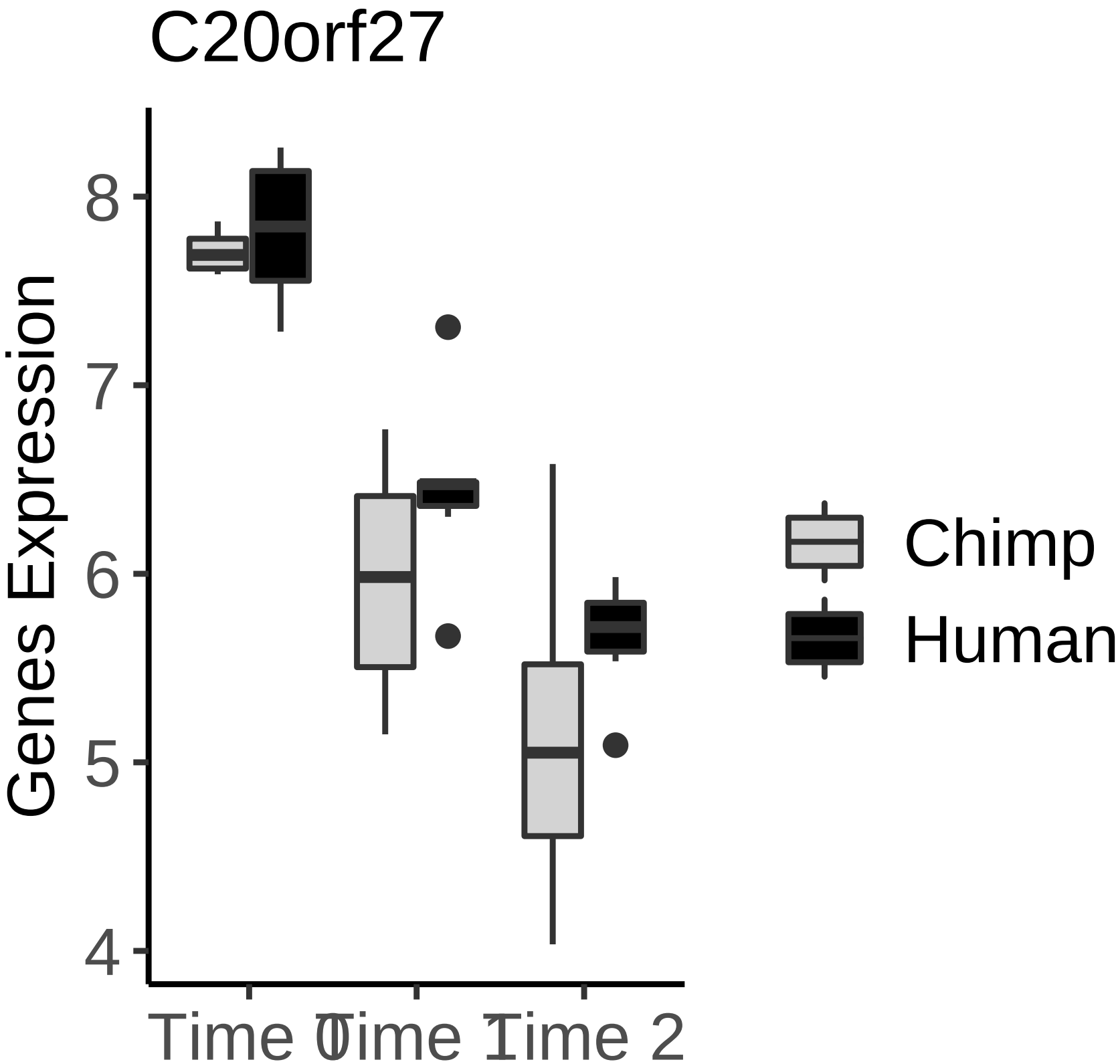

C16orf58
Genes Expression
5.0
4.5
4.0
3.5
3.0
Time 0
Time 1
Time 2
Chimp
Human

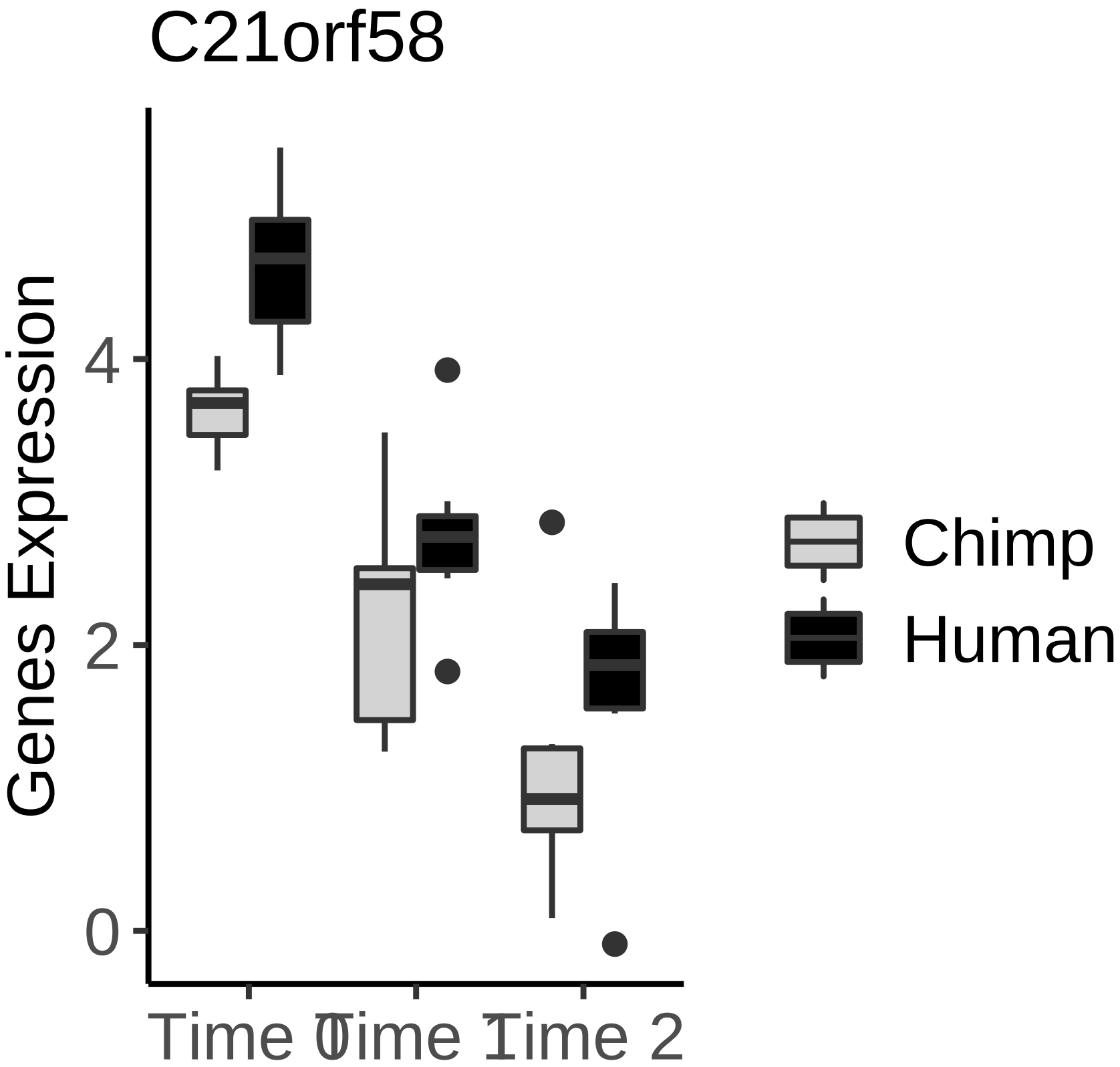

C19orf44
Genes Expression
3
2
1
Time 0
Time 1
Time 2
Chimp
Human

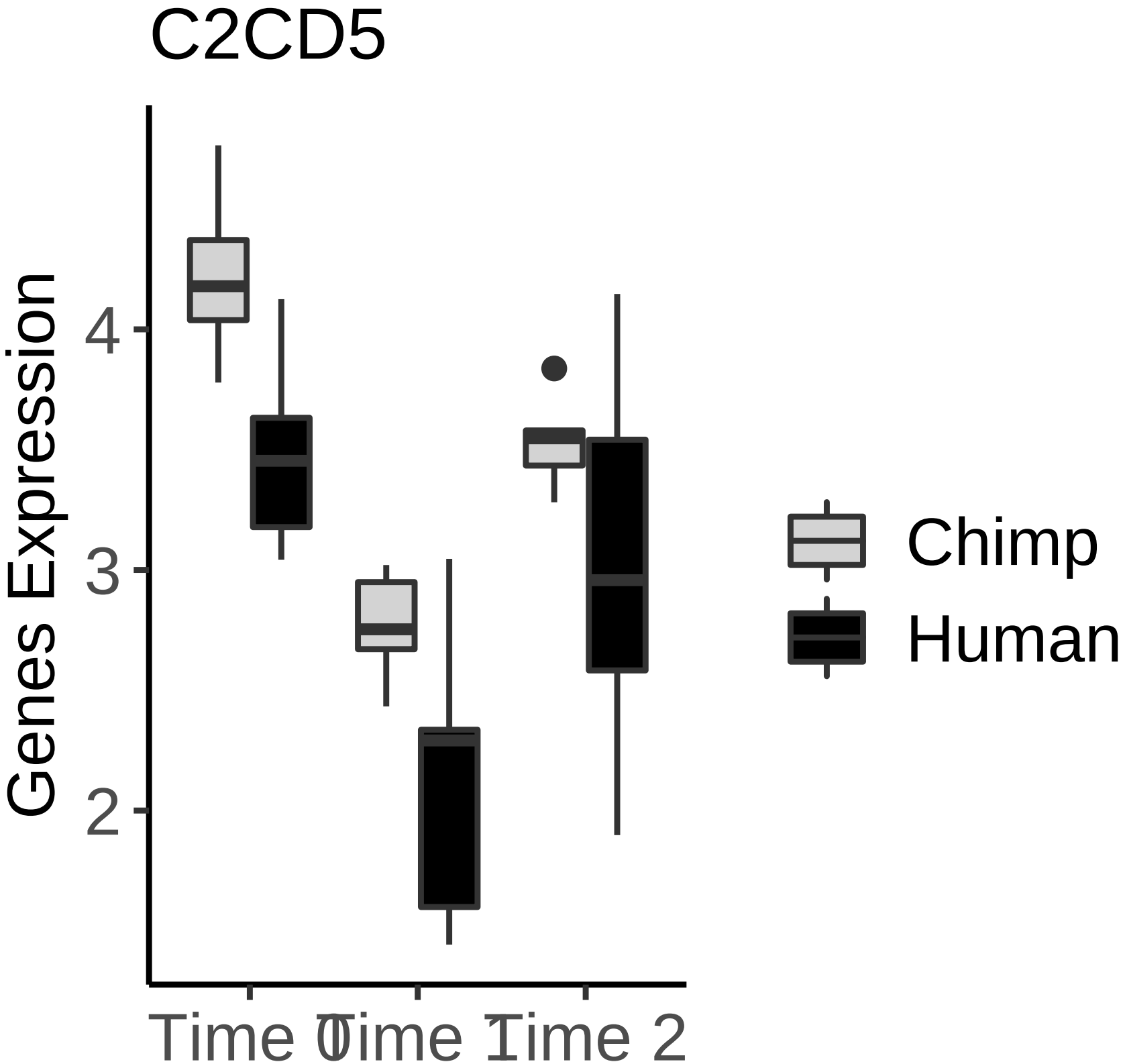

C19orf73
Genes Expression
3
2
1
0
−1
Time 0
Time 1
Time 2
Chimp
Human

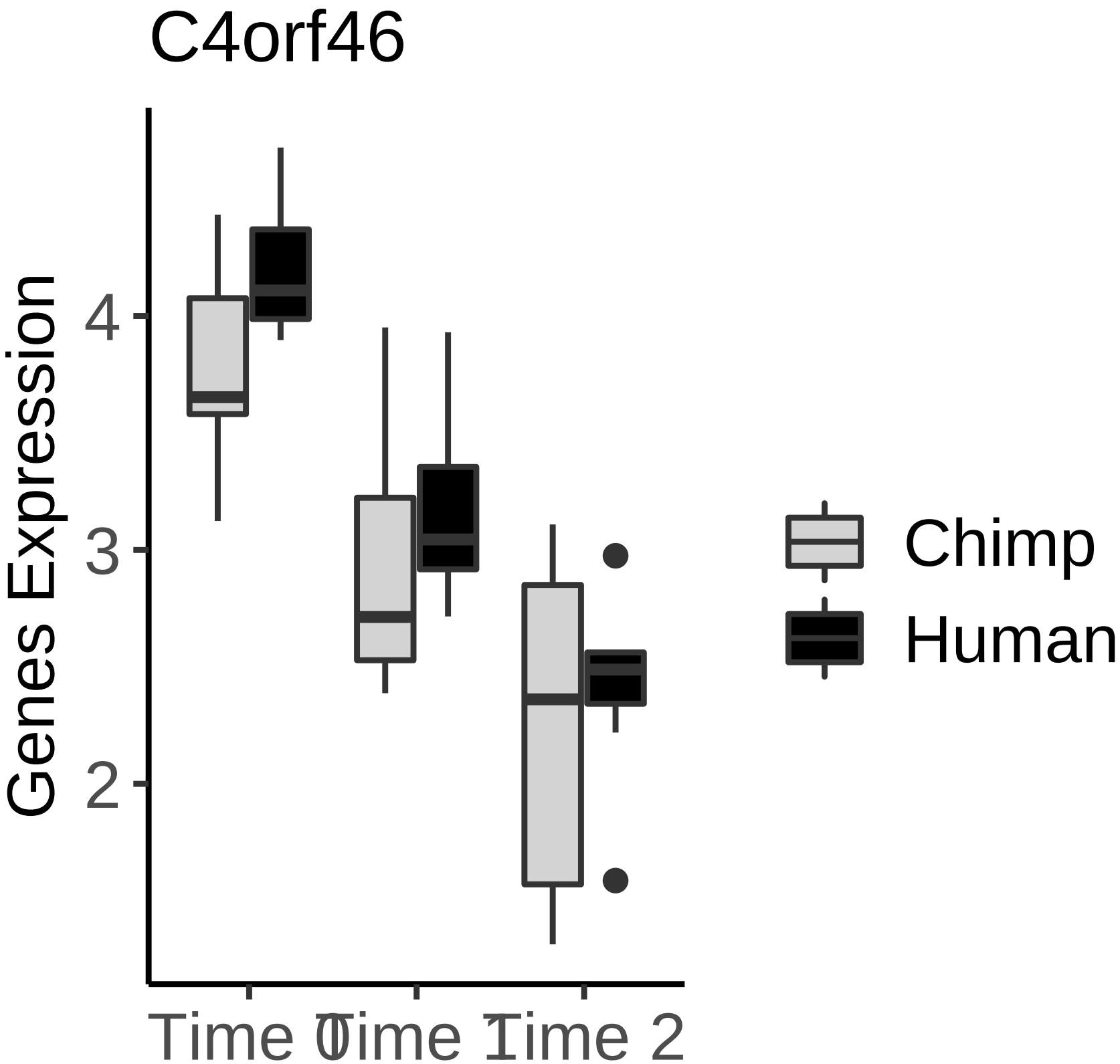

C1QBP
Genes Expression
10
9
8
7
Time 0
Time 1
Time 2
Chimp
Human

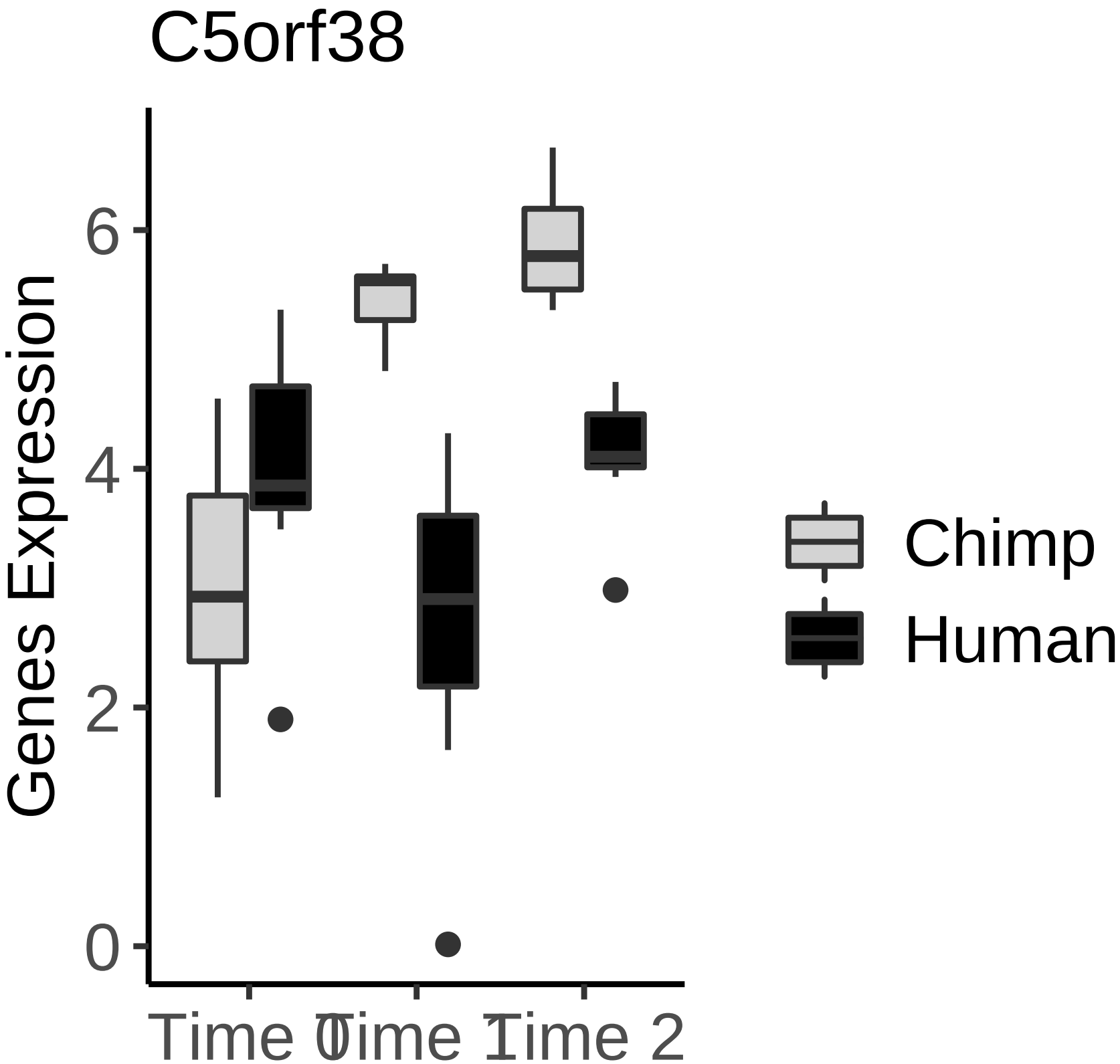

C1QTNF1
Genes Expression
6
4
2
0
−2
Time 0
Time 1
Time 2
Chimp
Human

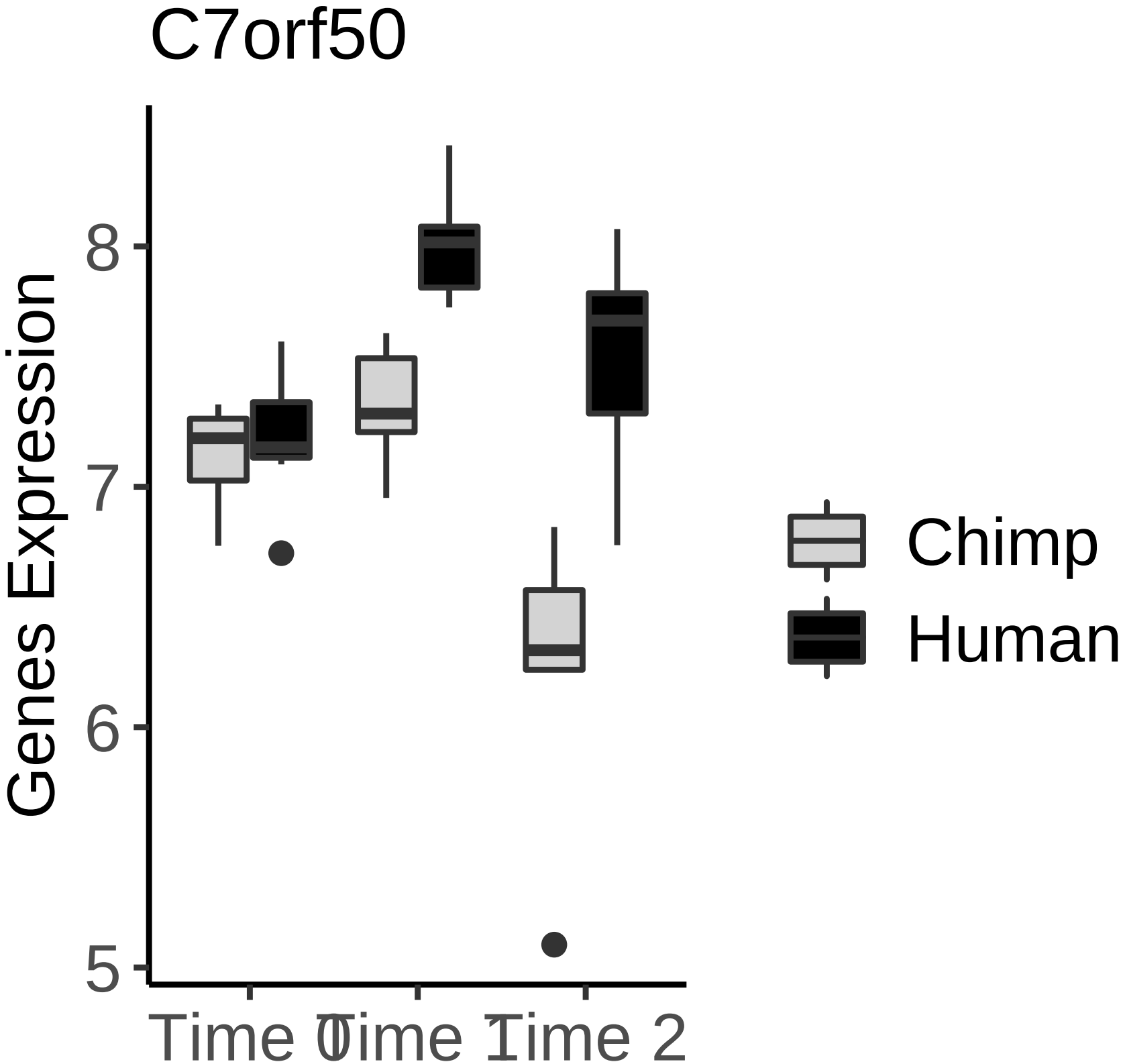

C20orf27
Genes Expression
8
7
6
5
4
Time 0
Time 1
Time 2
Chimp
Human

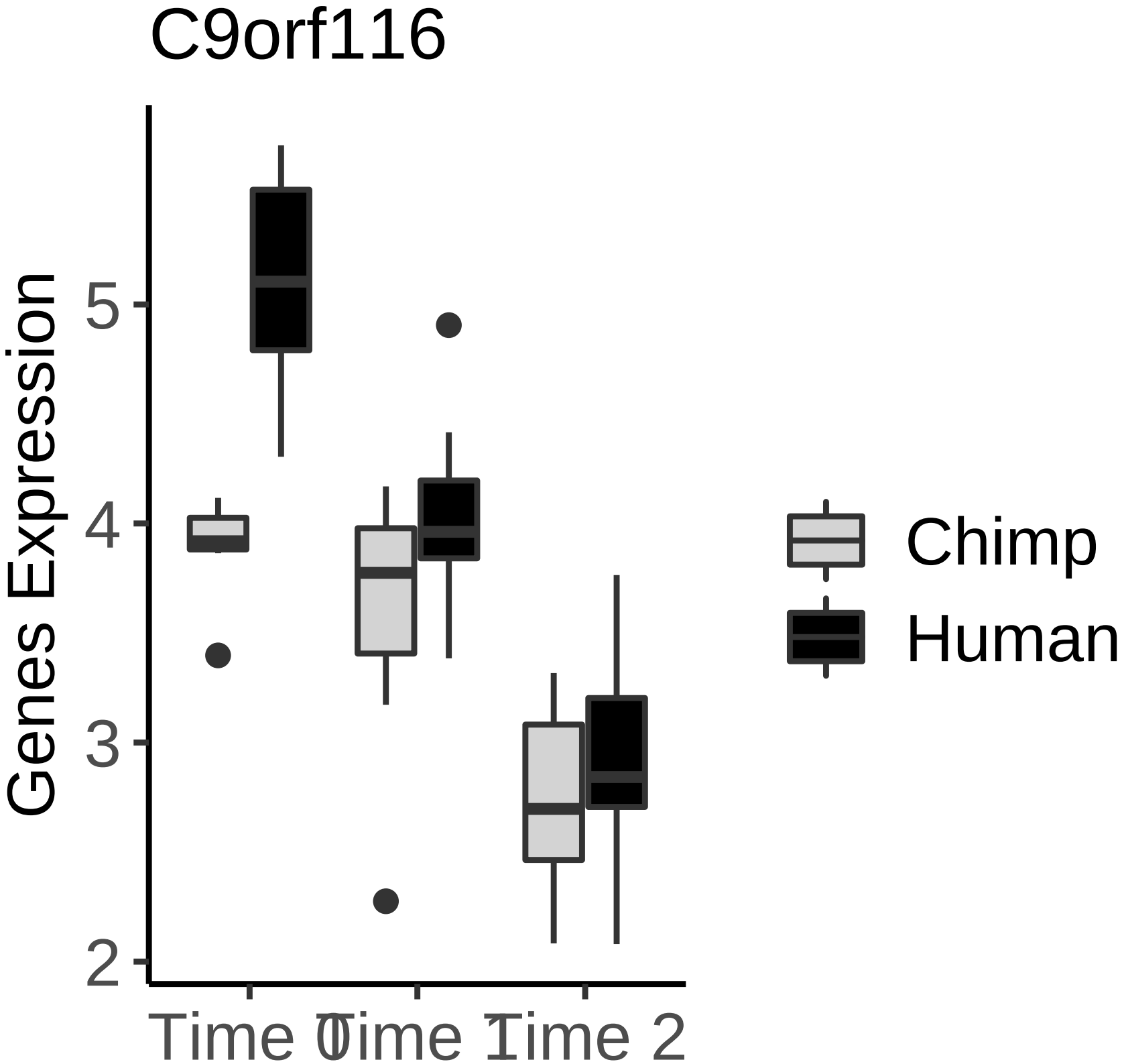

C21orf58
Genes Expression
4
2
0
Time 0
Time 1
Time 2
Chimp
Human

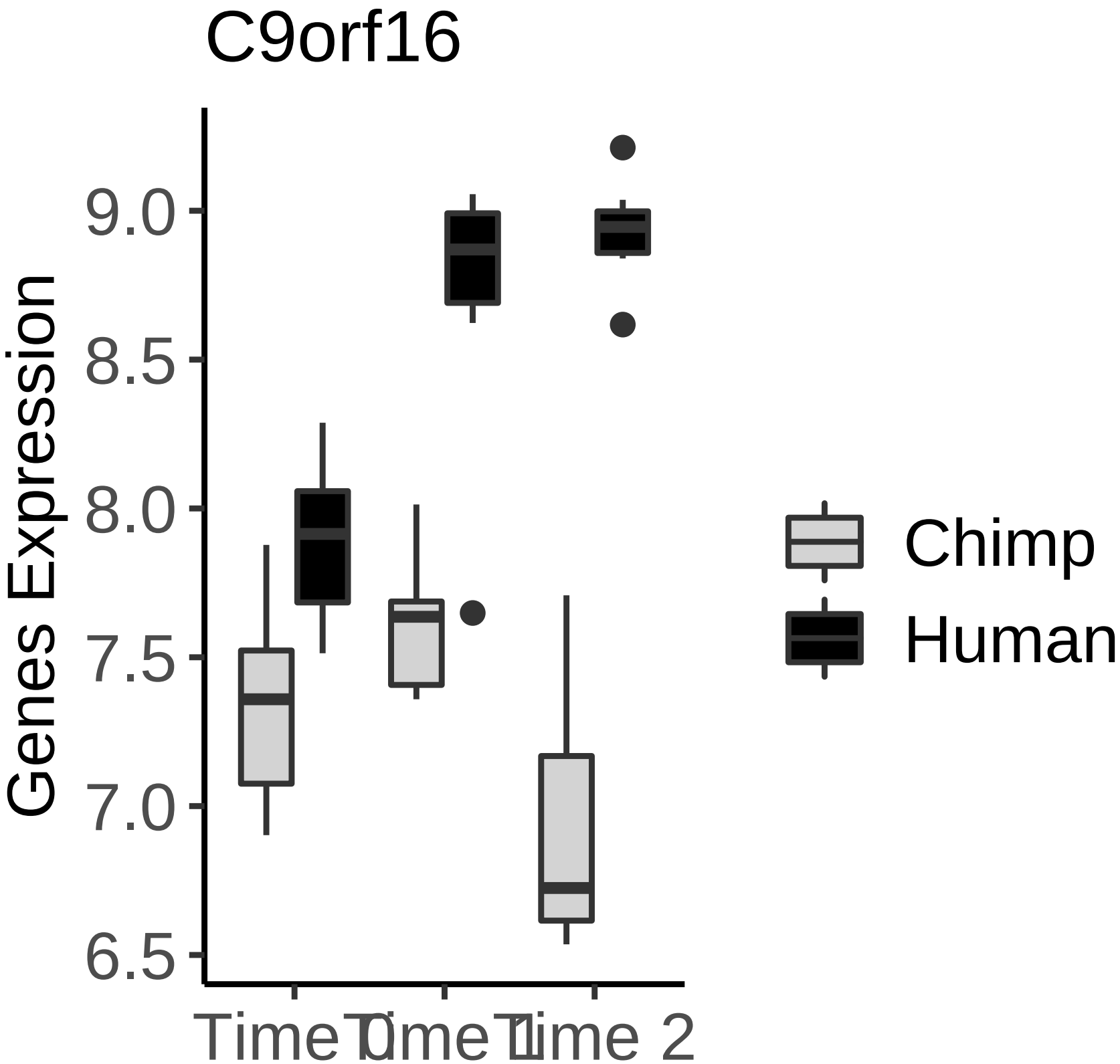

C2CD5
Genes Expression
4
3
2
Time 0
Time 1
Time 2
Chimp
Human

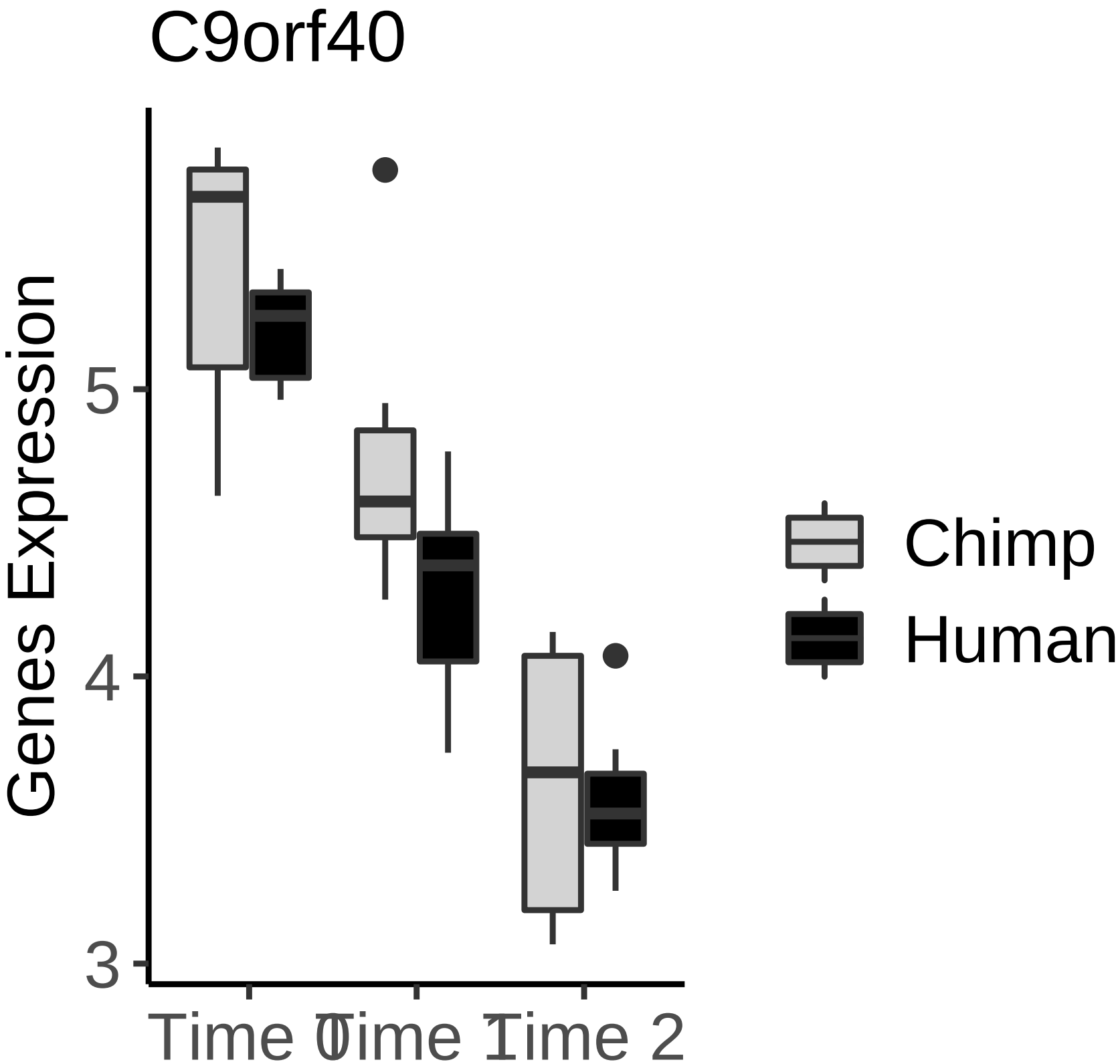

C4orf46
Genes Expression
4
3
2
Time 0
Time 1
Time 2
Chimp
Human

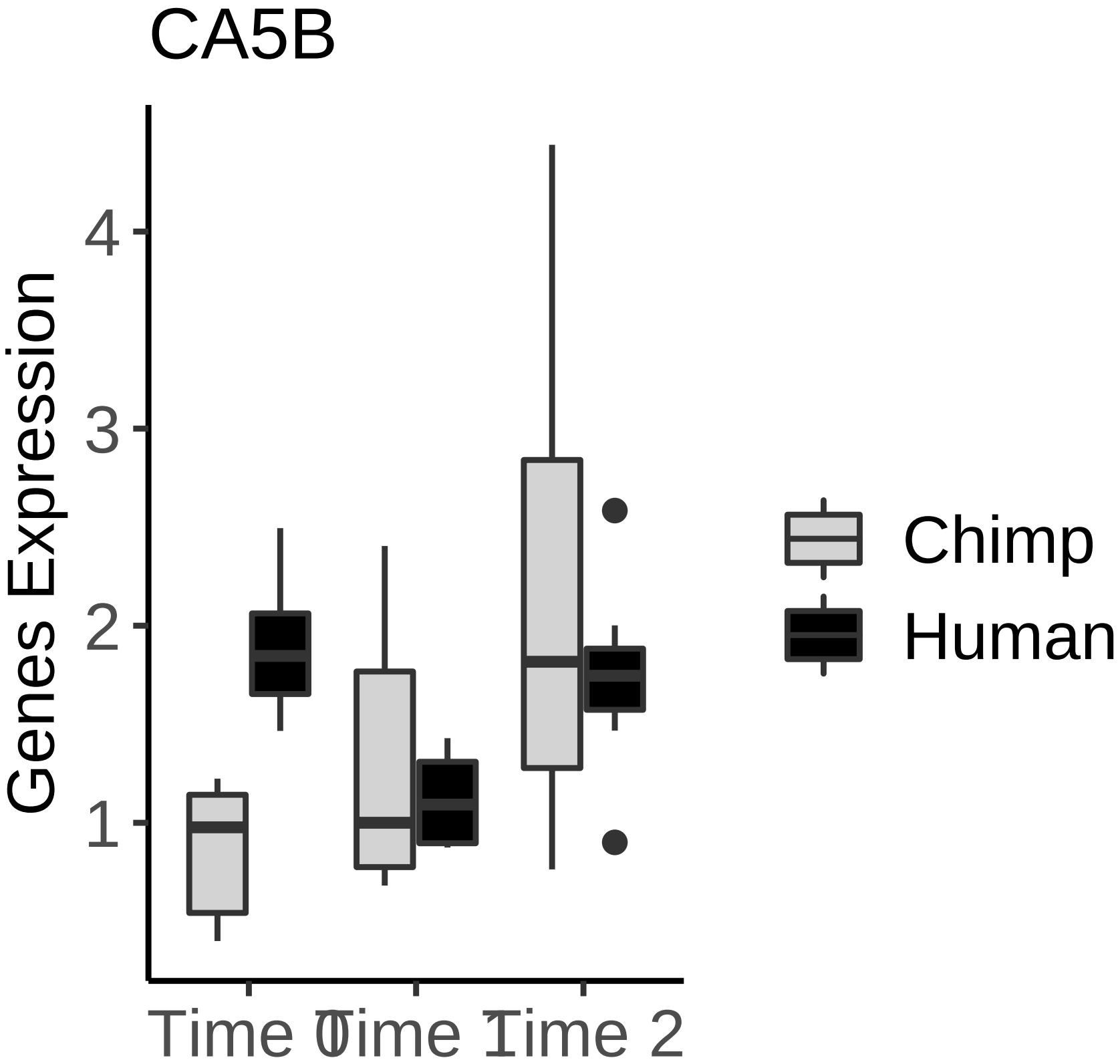

C5orf38
Genes Expression
6
4
2
0
Time 0
Time 1
Time 2
Chimp
Human

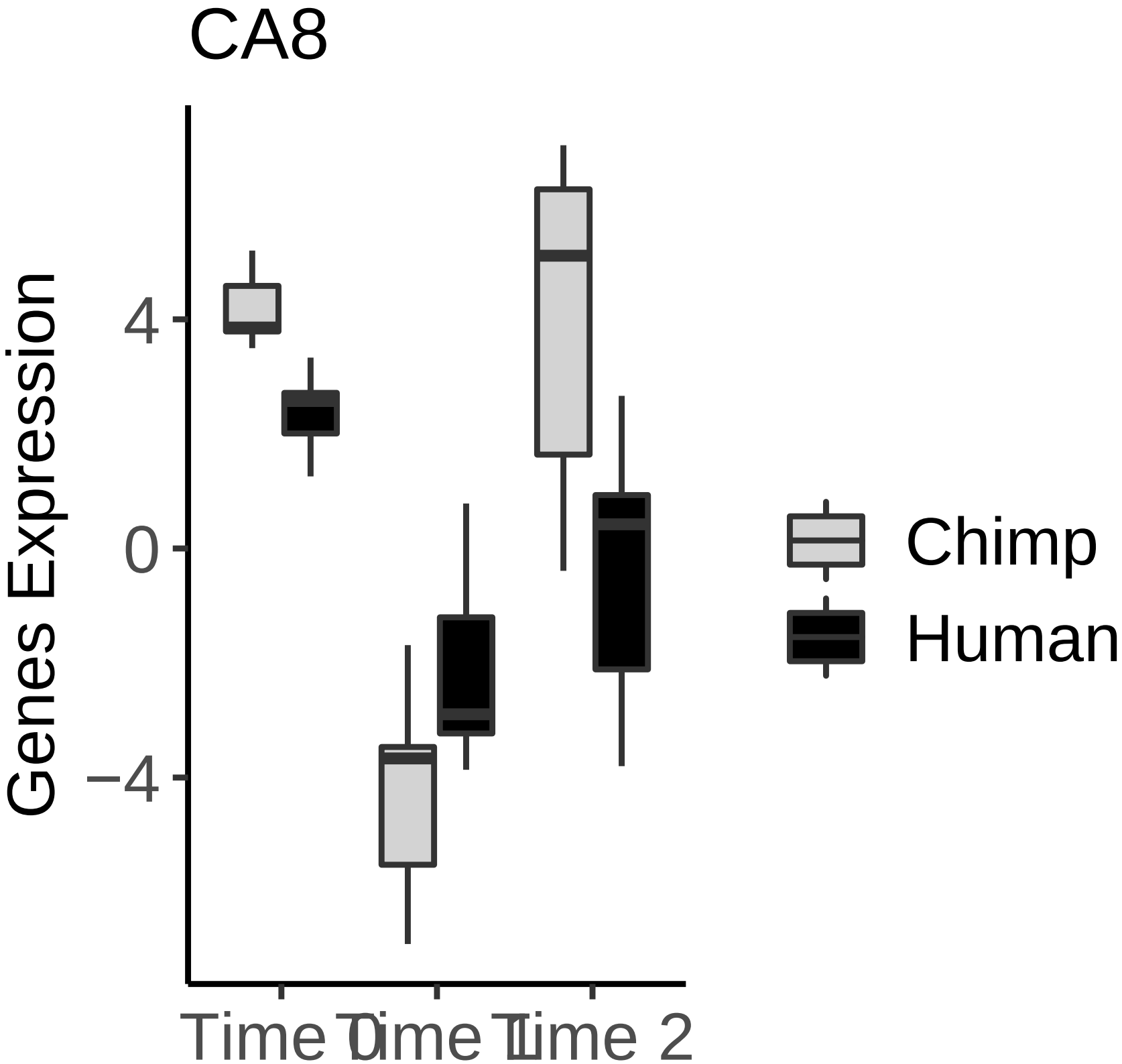

C7orf50
Genes Expression
8
7
6
5
Time 0
Time 1
Time 2
Chimp
Human

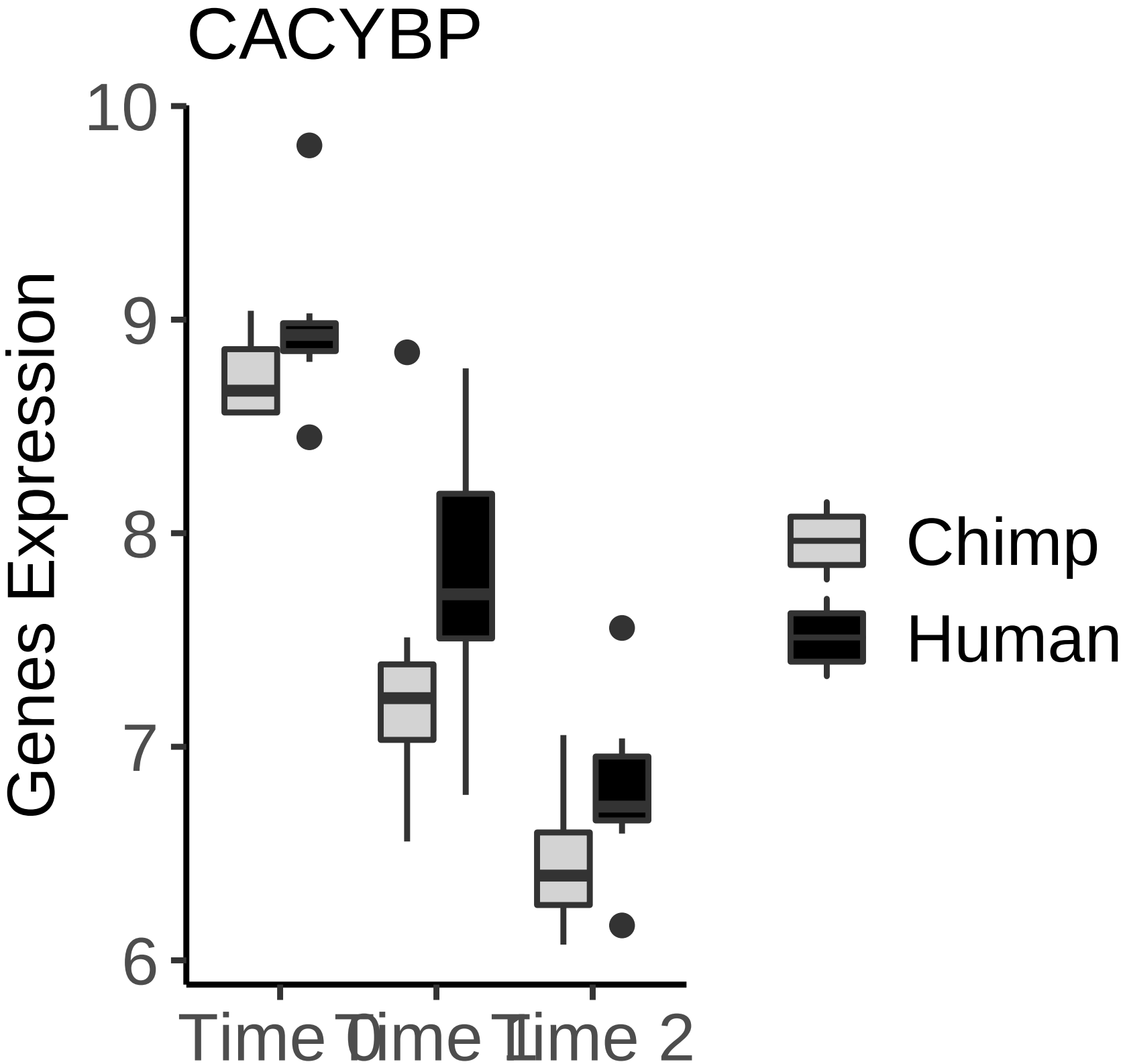

C9orf116
Genes Expression
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human

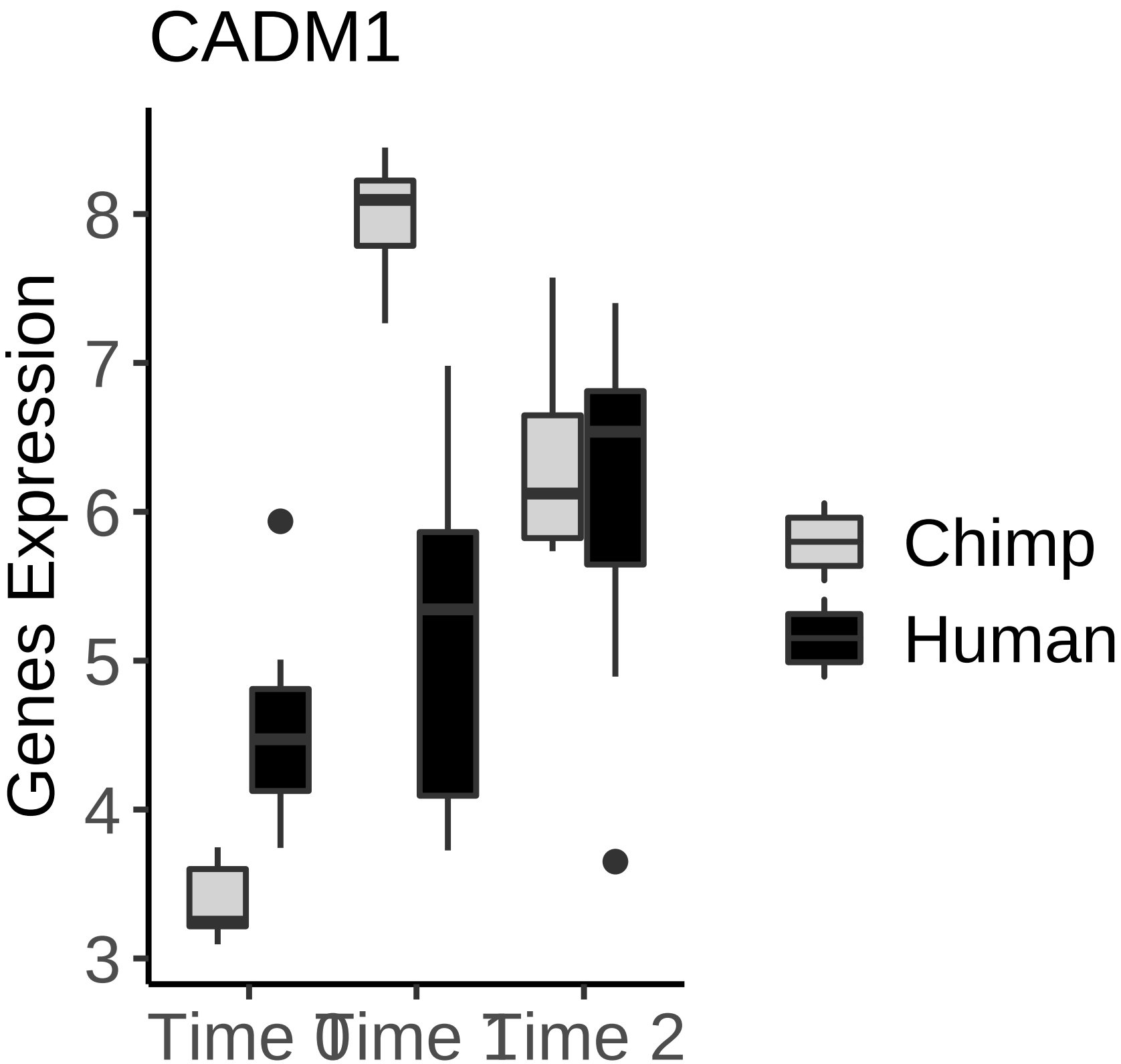

C9orf16
Genes Expression
9.0
8.5
8.0
7.5
7.0
6.5
Time 0
Time 1
Time 2
Chimp
Human

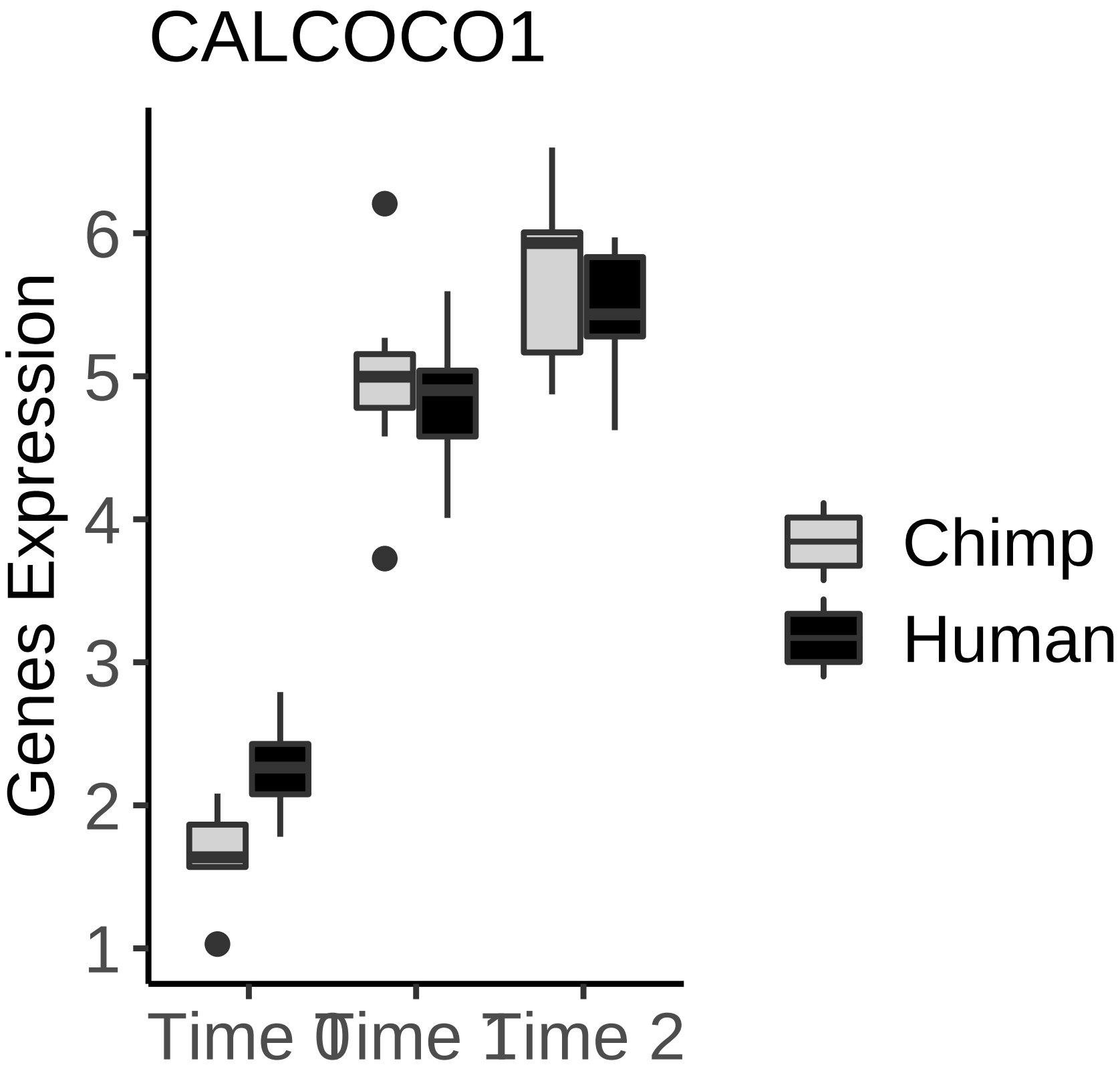

C9orf40
Genes Expression
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


CA5B
Genes Expression
4
3
2
1
Time 0
Time 1
Time 2
Chimp
Human


CA8
Genes Expression
4
0
−4
Time 0
Time 1
Time 2
Chimp
Human


CACYBP
Genes Expression
10
9
8
7
6
Time 0
Time 1
Time 2
Chimp
Human


CADM1
Genes Expression
8
7
6
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


CALCOCO1
Genes Expression
6
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4
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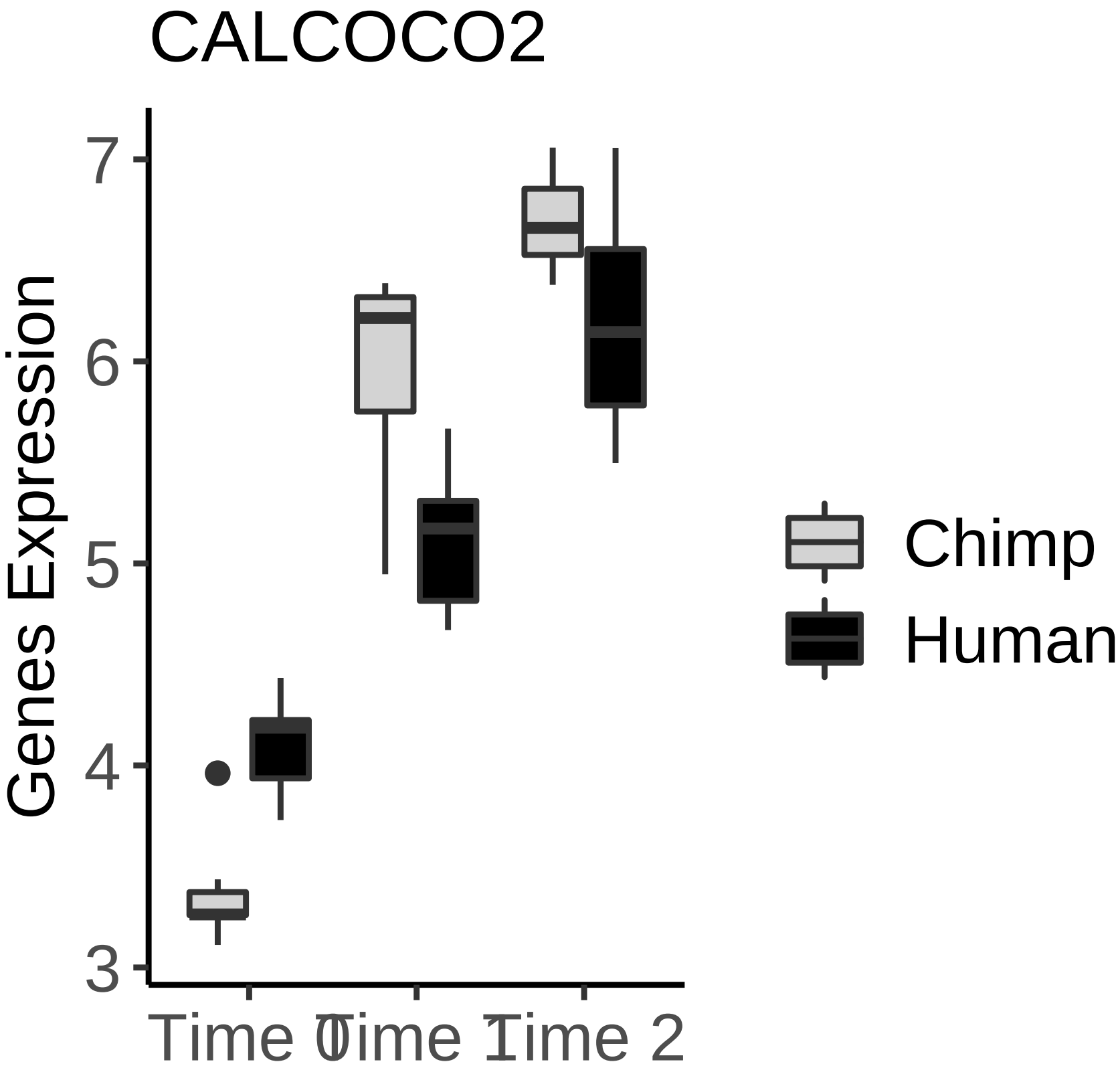
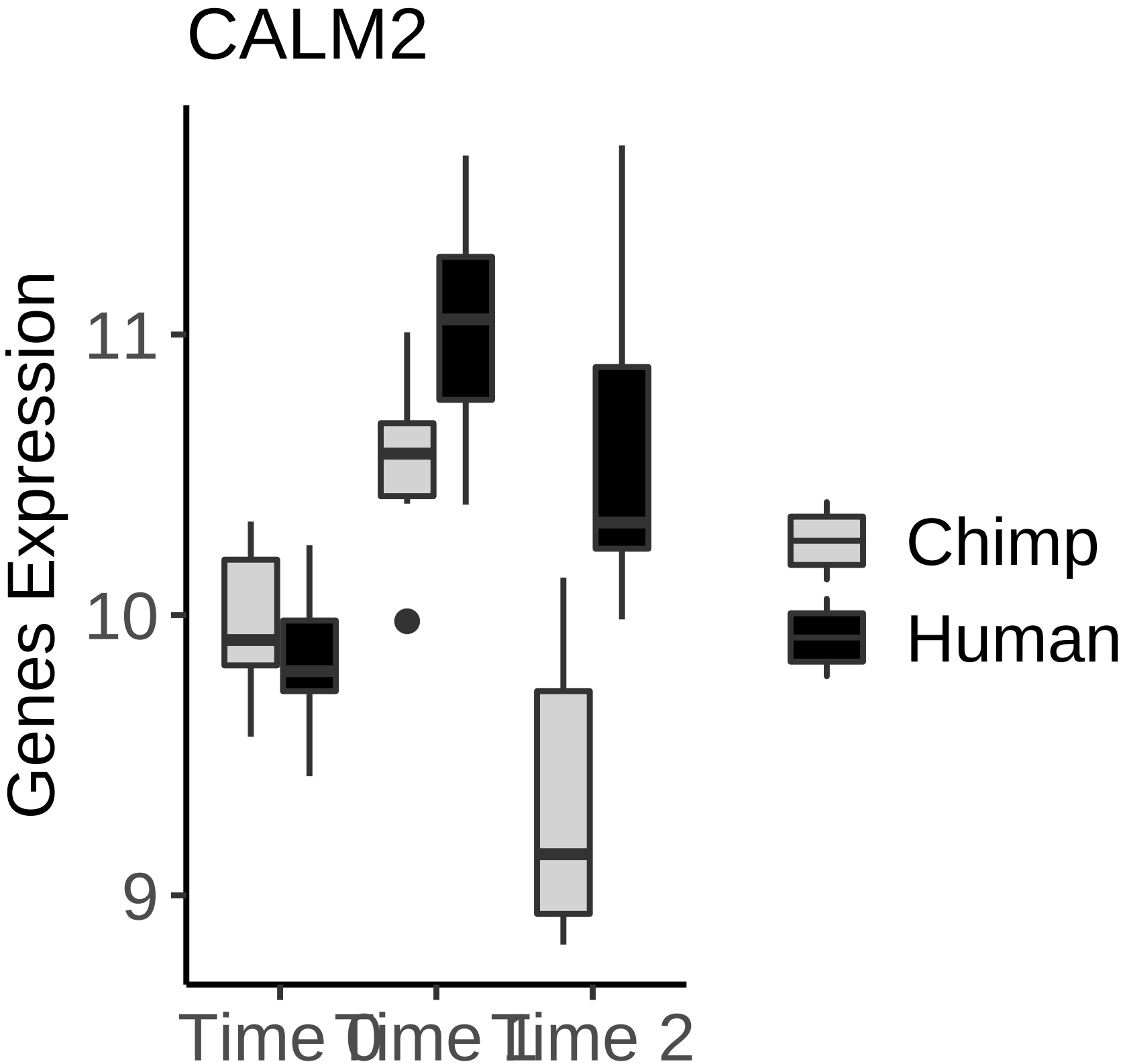
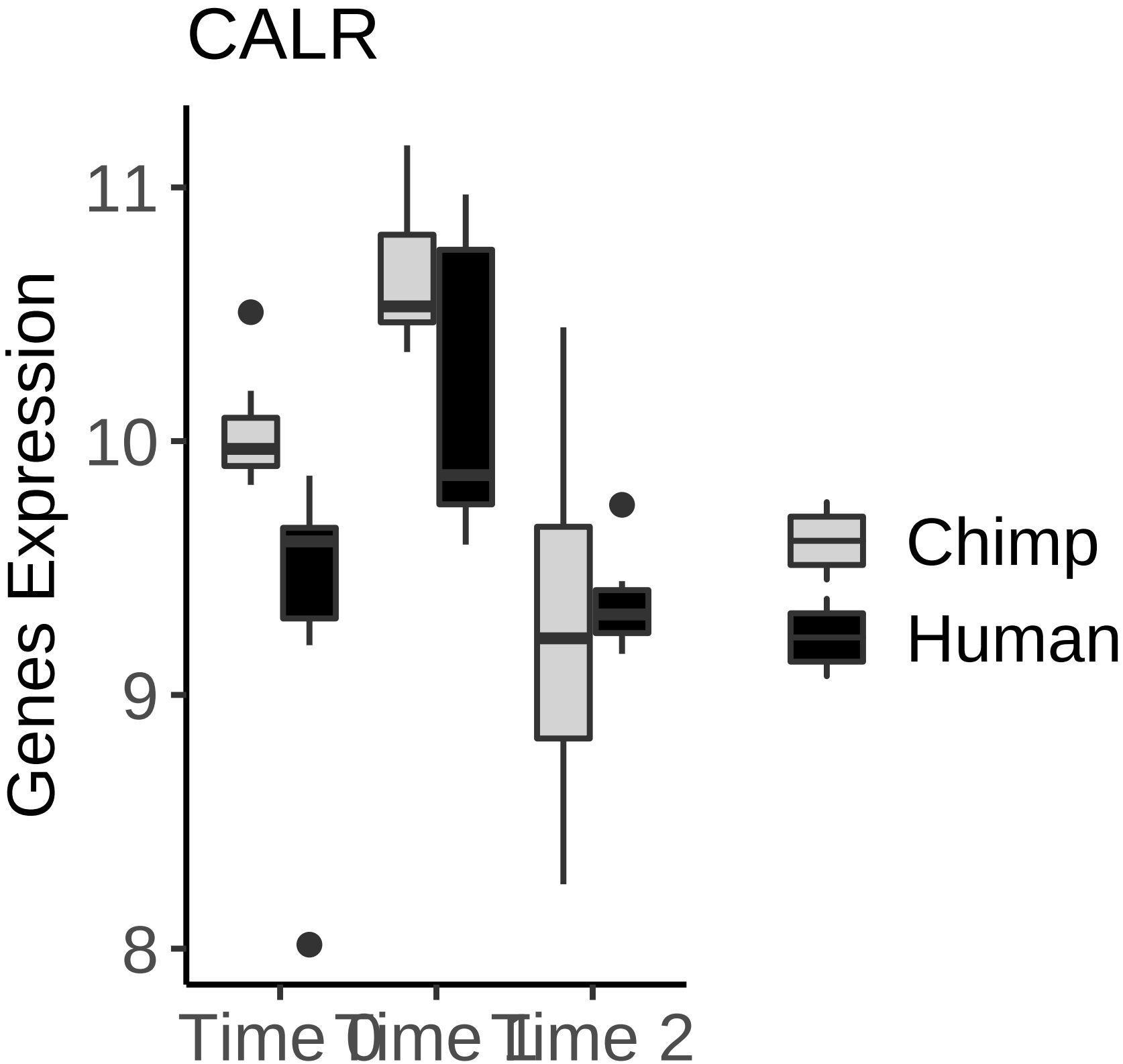
2
1
Time 0
Time 1
Time 2
Chimp
Human


CALCOCO2
Genes Expression
7
6
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


CALM2
Genes Expression
11
10
9
Time 0
Time 1
Time 2
Chimp
Human


CALR
Genes Expression
11
10
9
8
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Time 1
Time 2
Chimp
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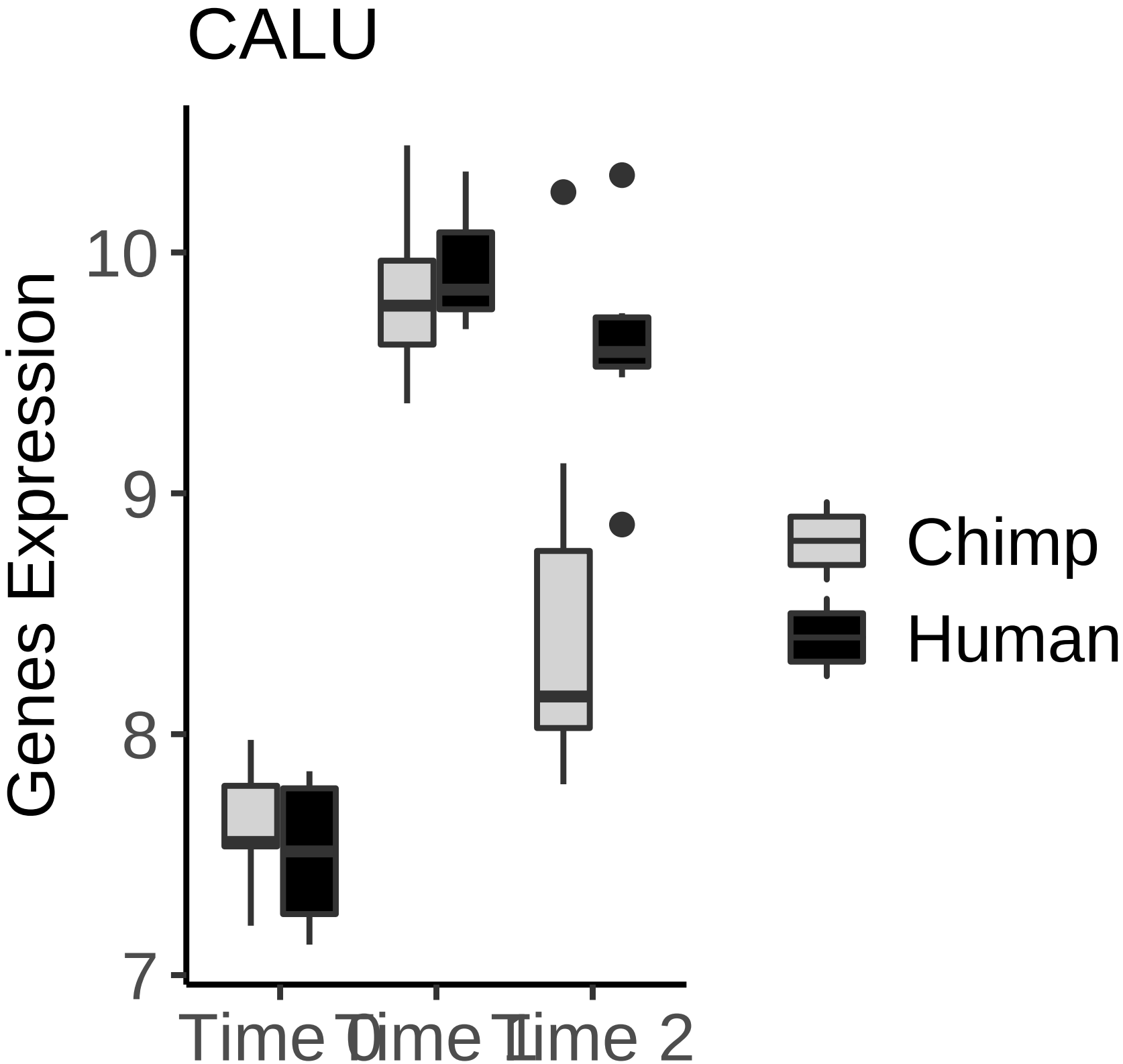
CALU
Genes Expression
10
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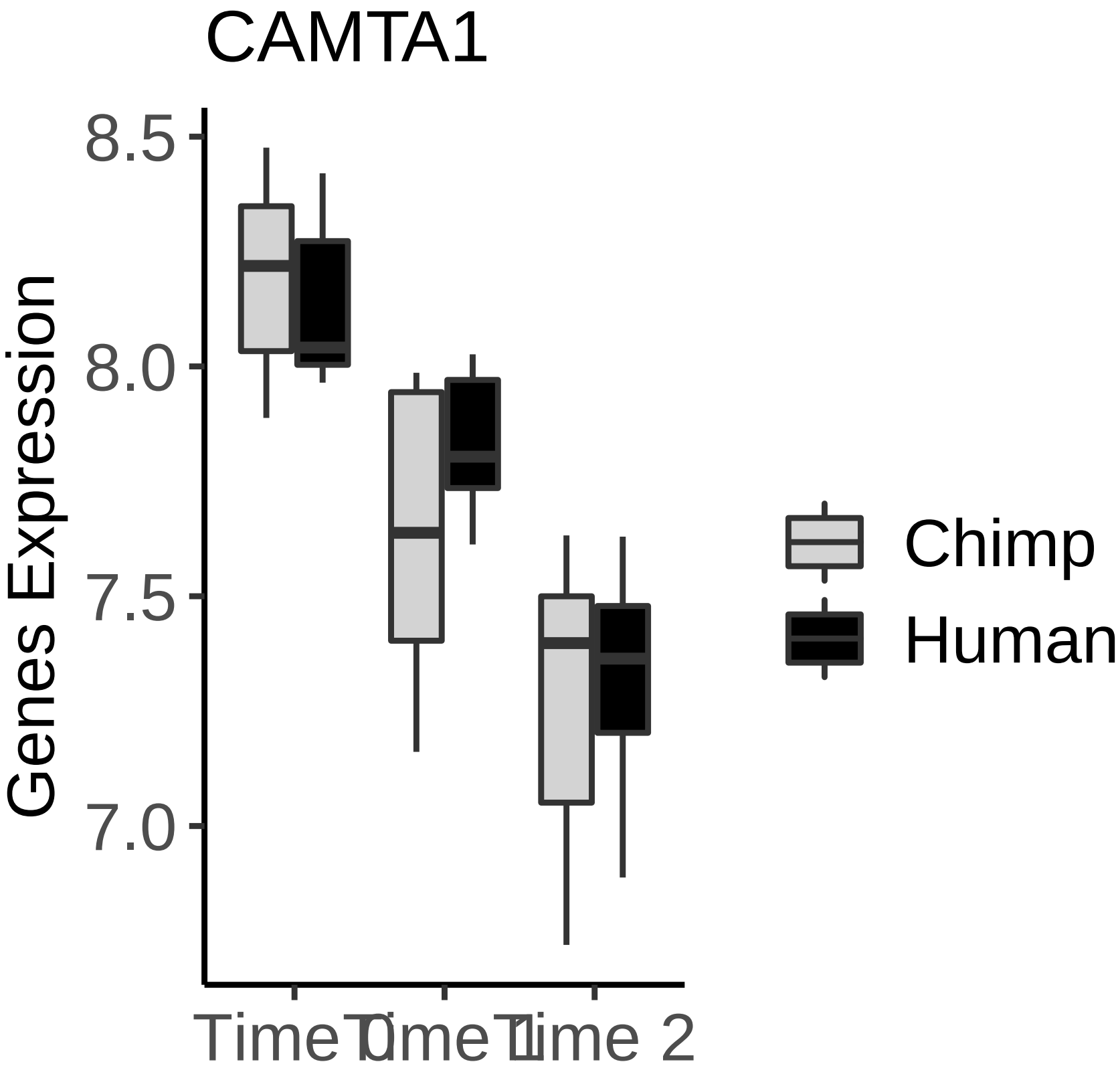
8
7
Time 0
Time 1
Time 2
Chimp
Human


CAMTA1
Genes Expression
8.5
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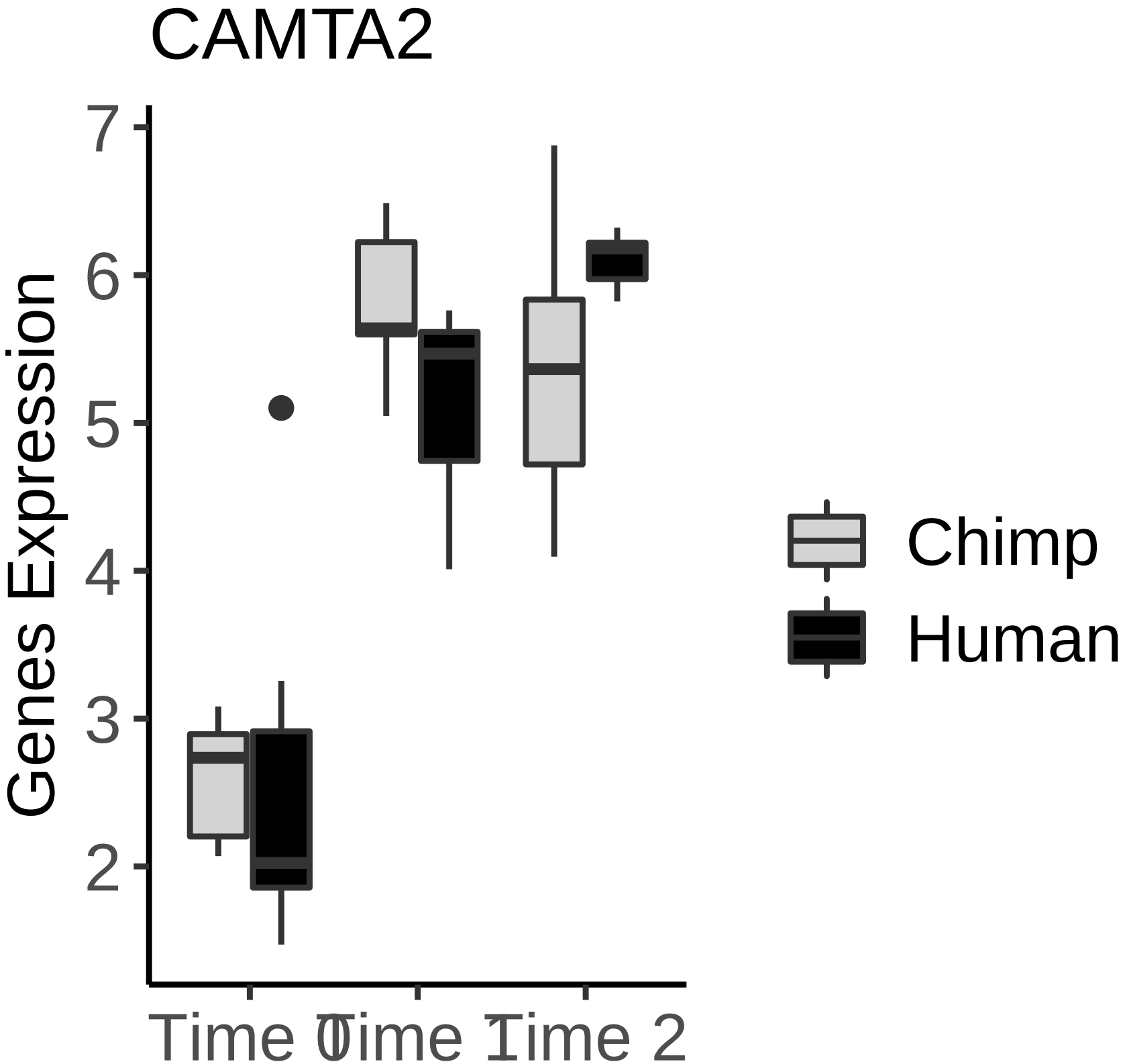
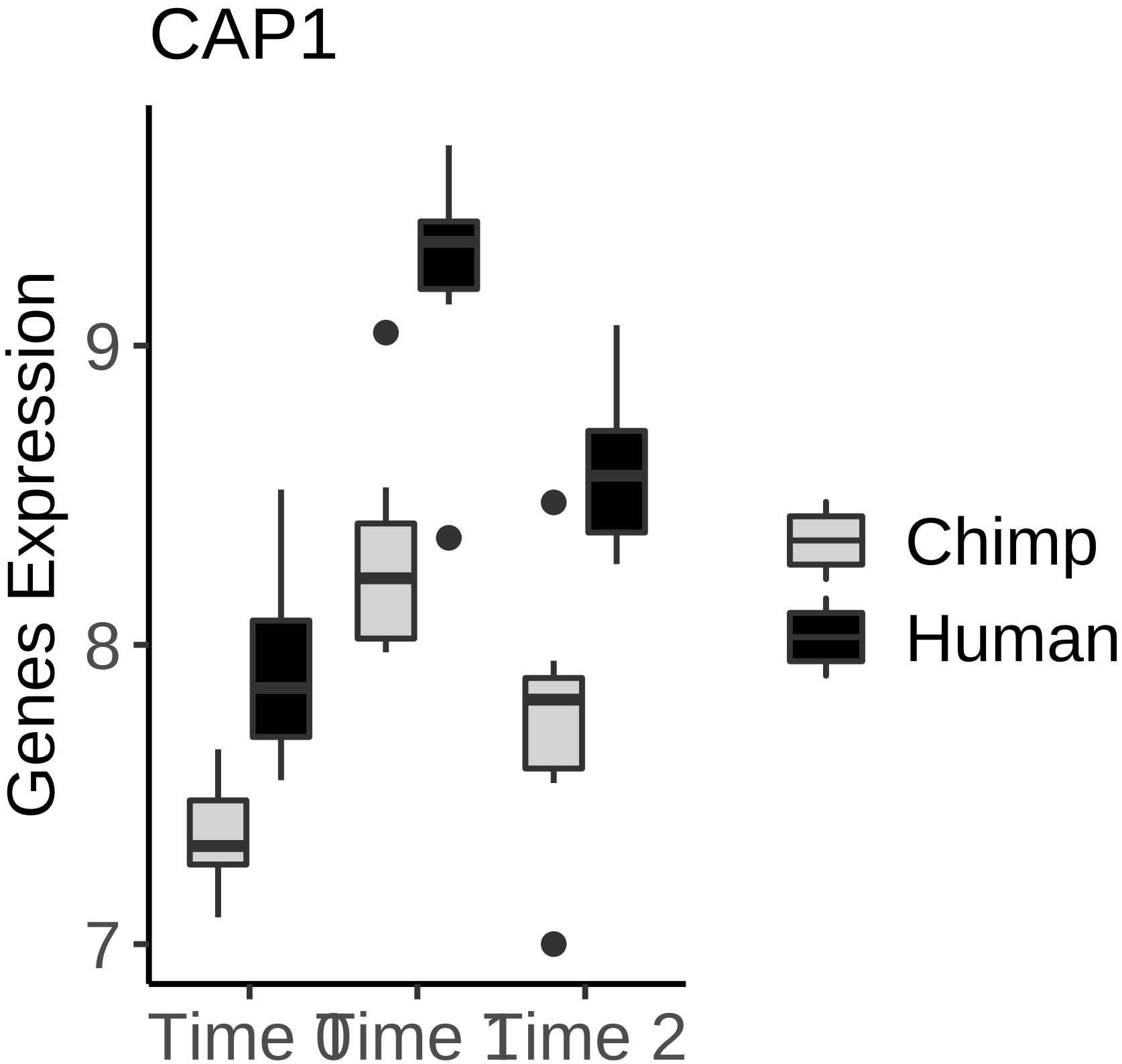
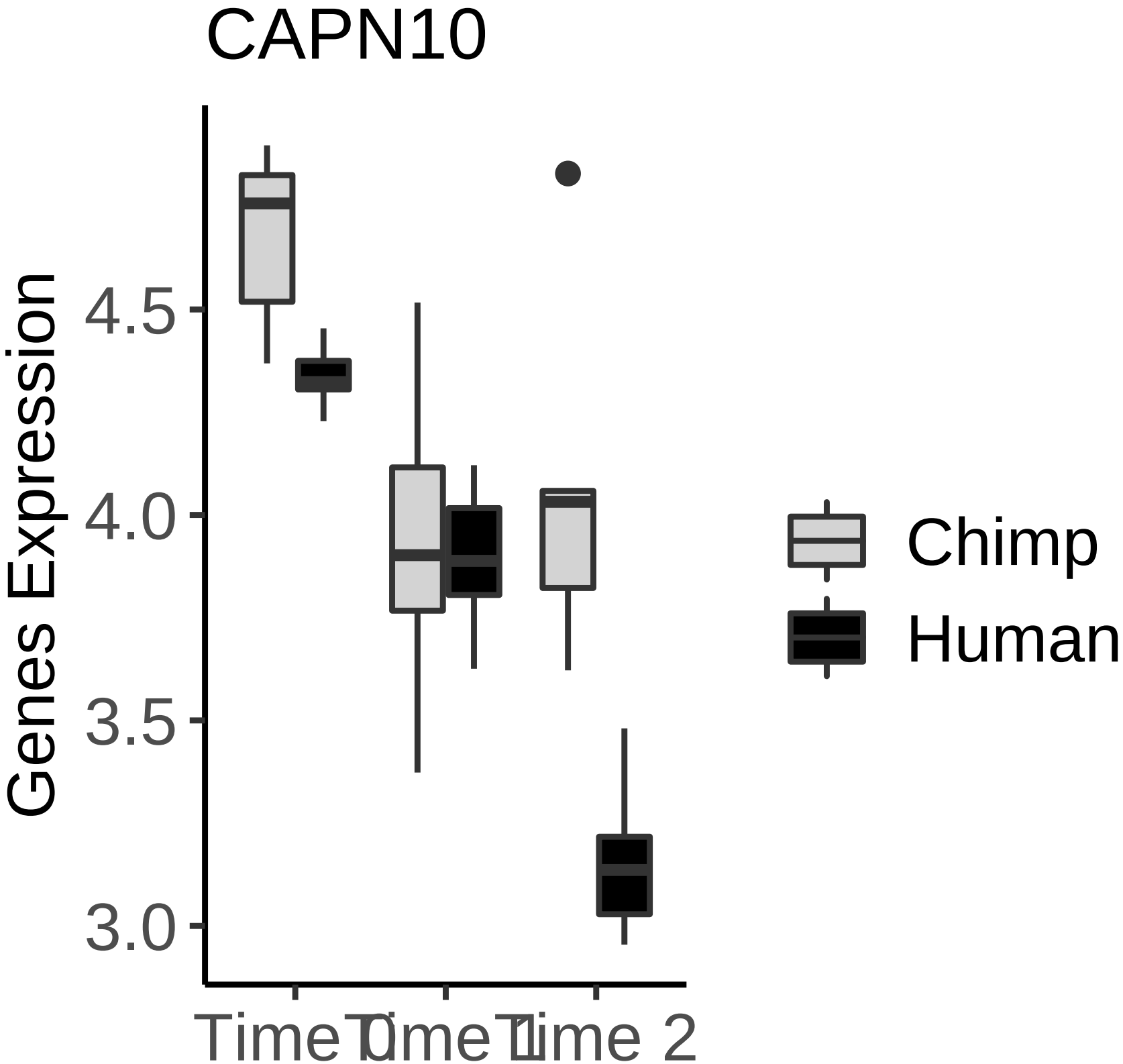
7.5
7.0
Time 0
Time 1
Time 2
Chimp
Human


CAMTA2
Genes Expression
7
6
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human


CAP1
Genes Expression
9
8
7
Time 0
Time 1
Time 2
Chimp
Human


CAPN10
Genes Expression
4.5
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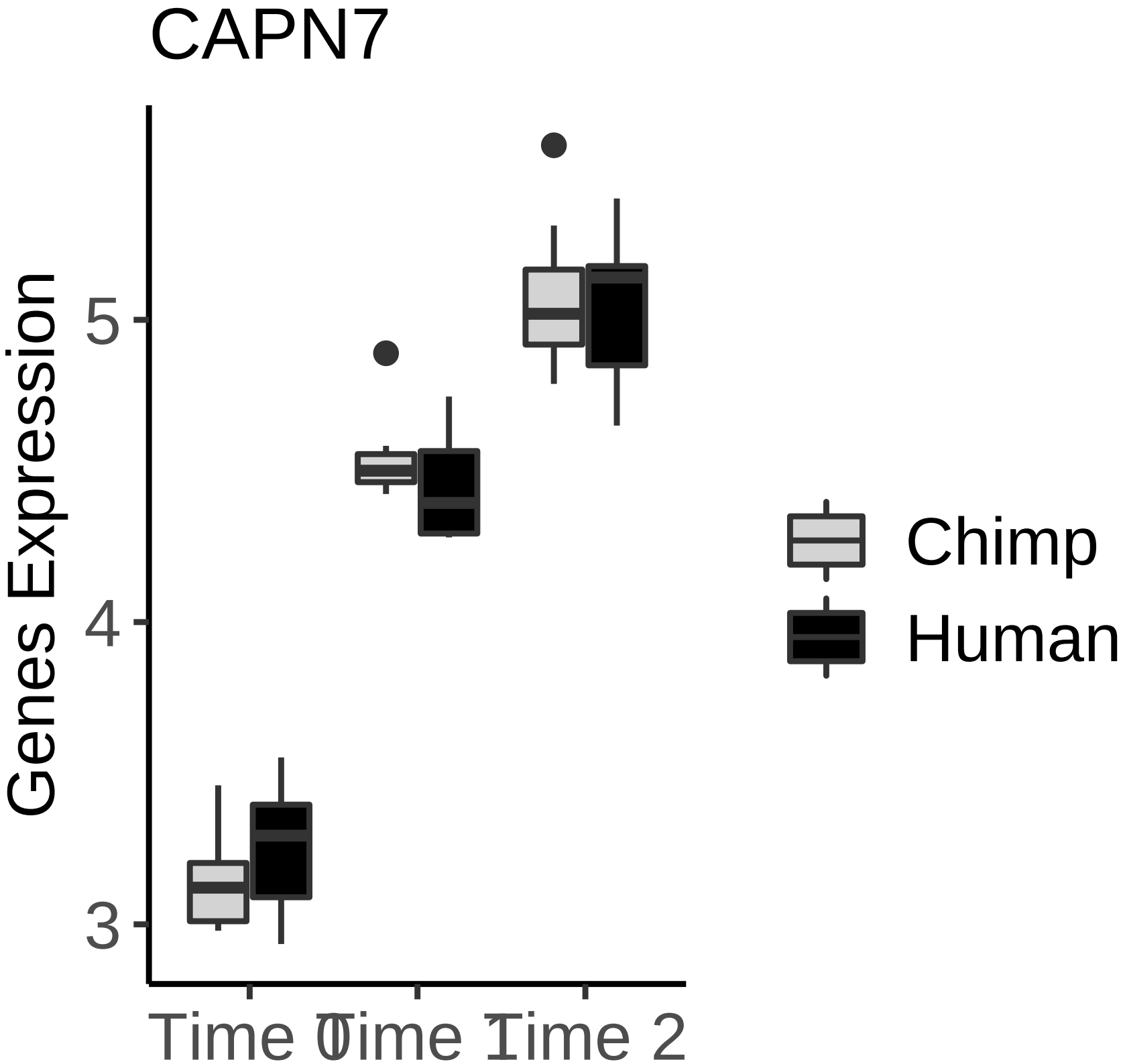
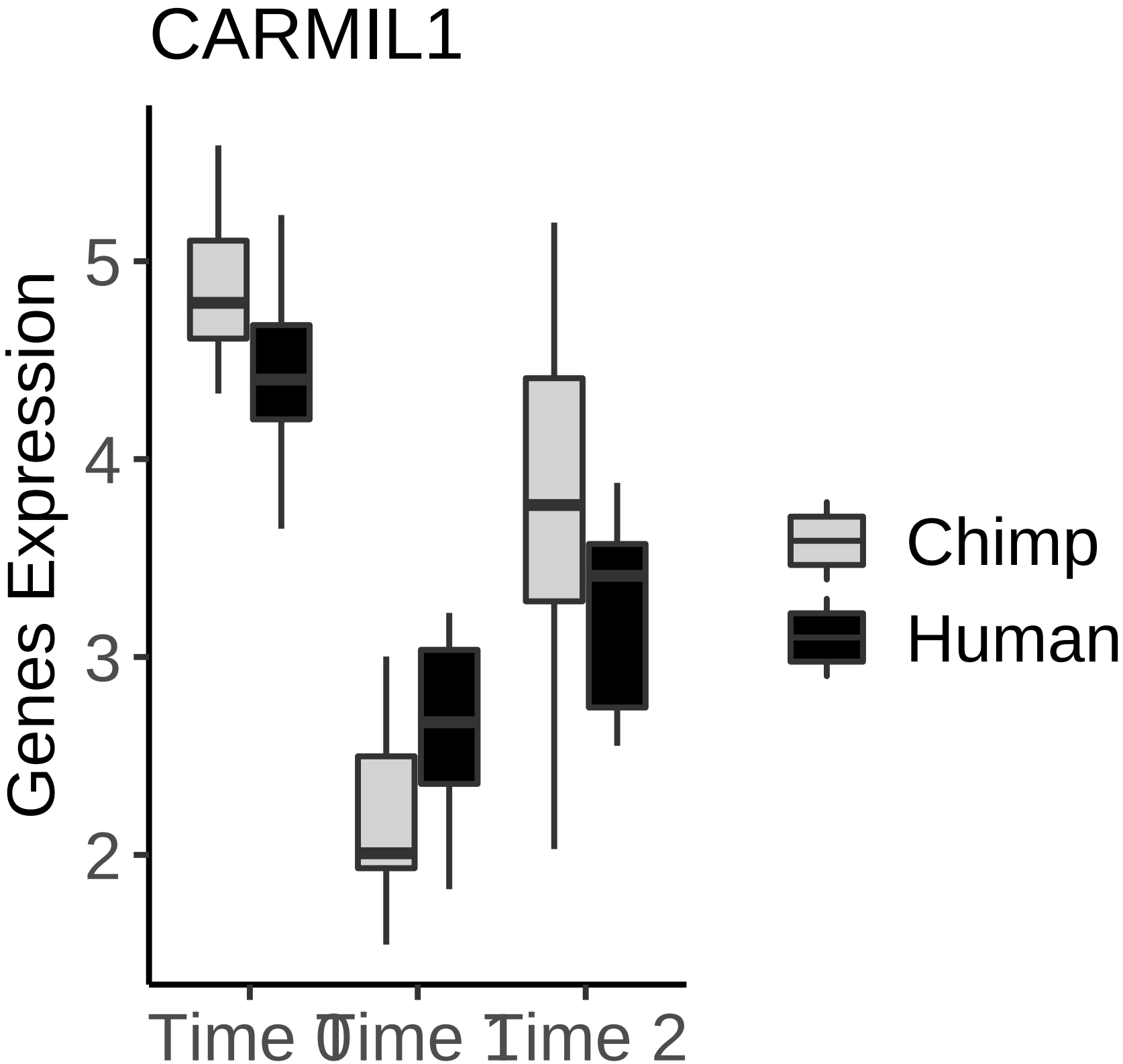
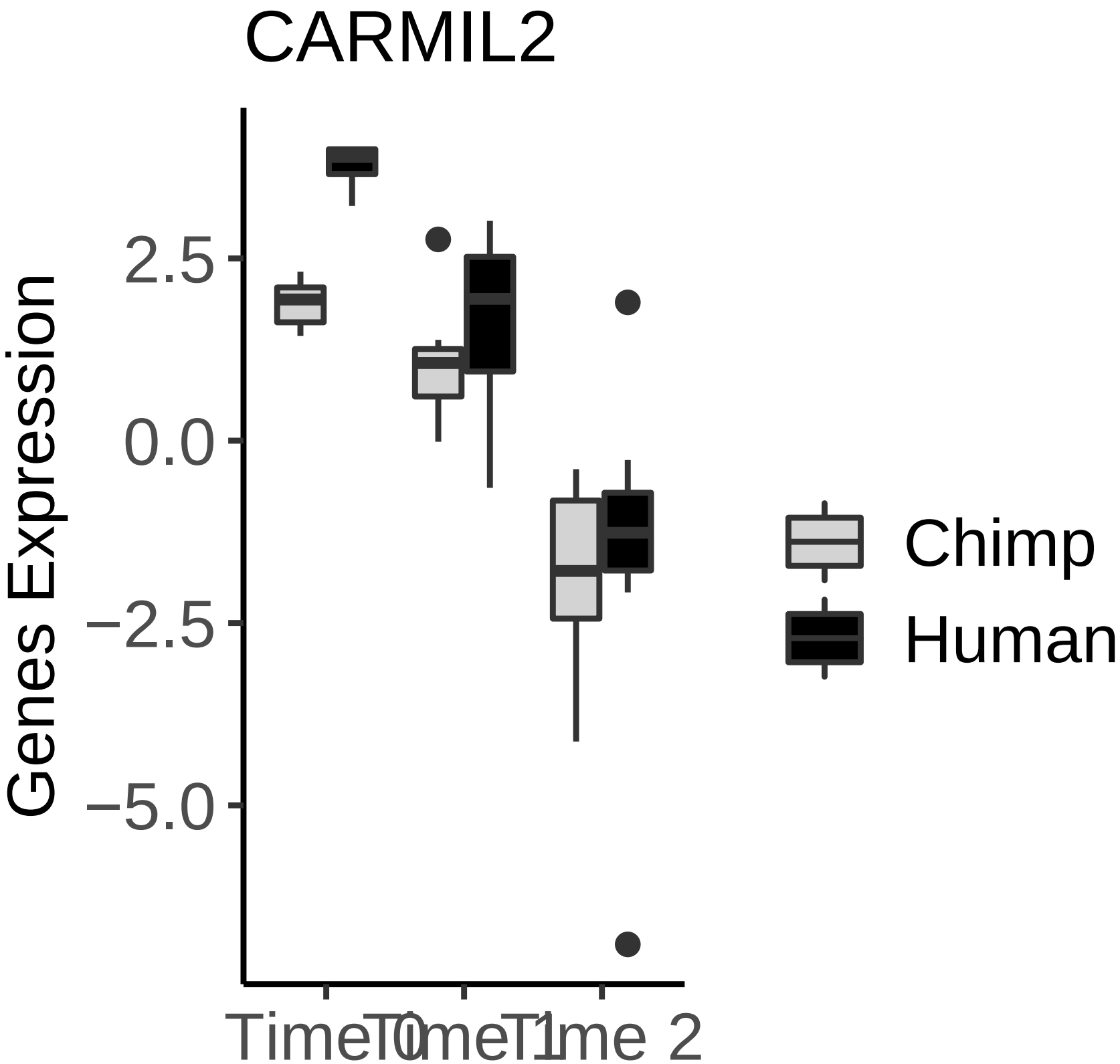
3.5
3.0
Time 0
Time 1
Time 2
Chimp
Human


CAPN7
Genes Expression
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


CARMIL1
Genes Expression
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human


CARMIL2
Genes Expression
2.5
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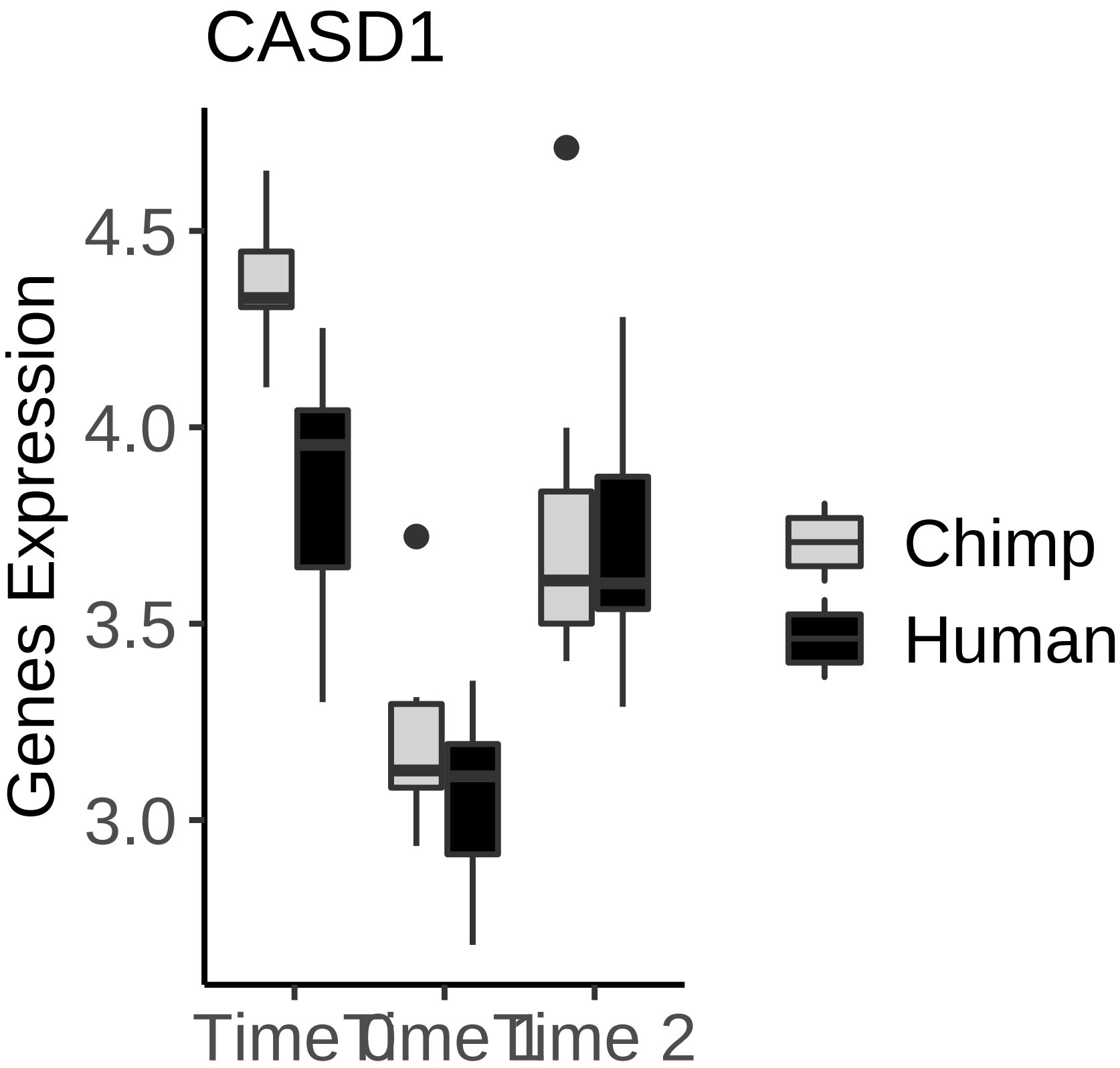
−2.5
−5.0
Time 0
Time 1
Time 2
Chimp
Human


CASD1
Genes Expression
4.5
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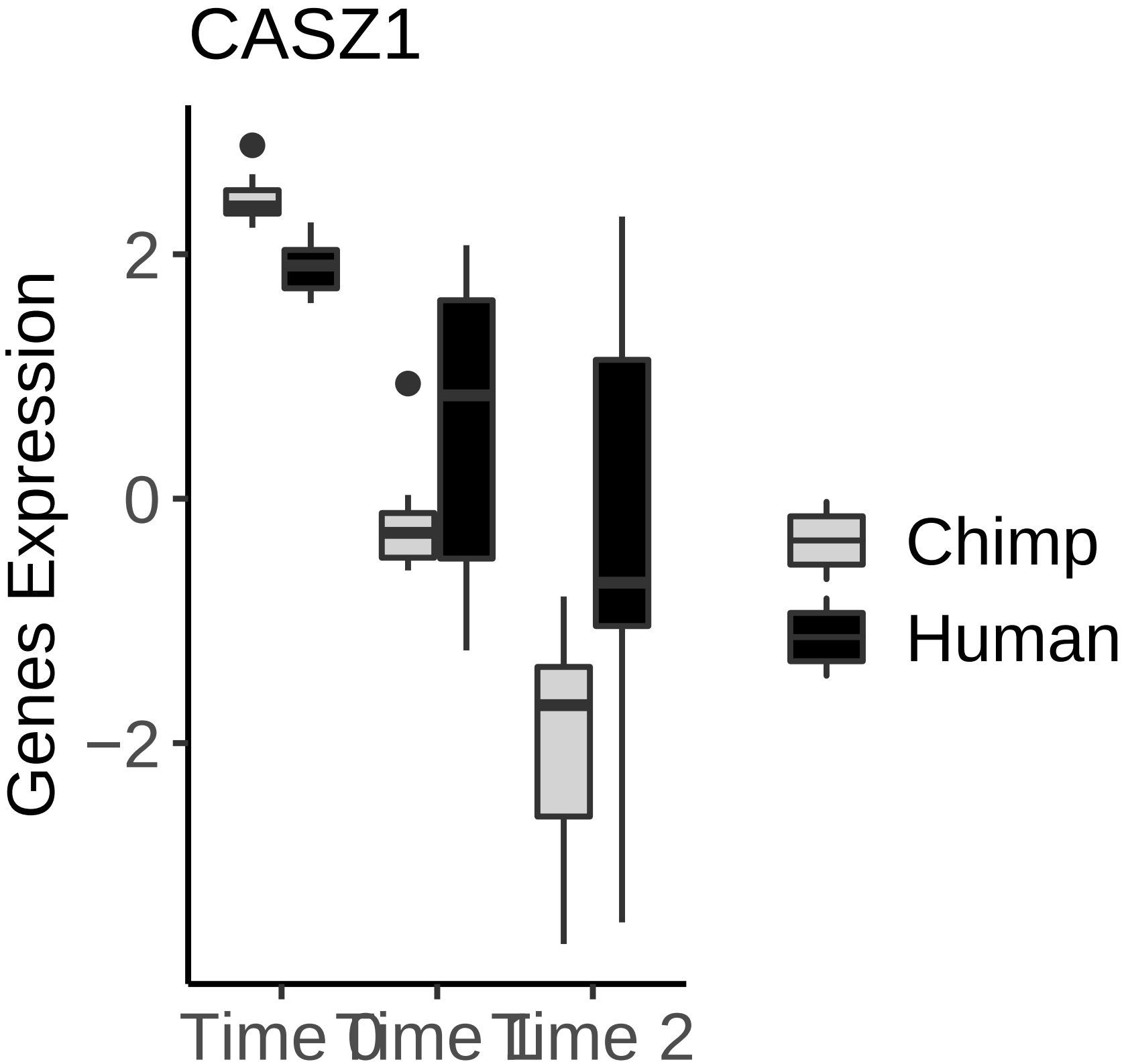
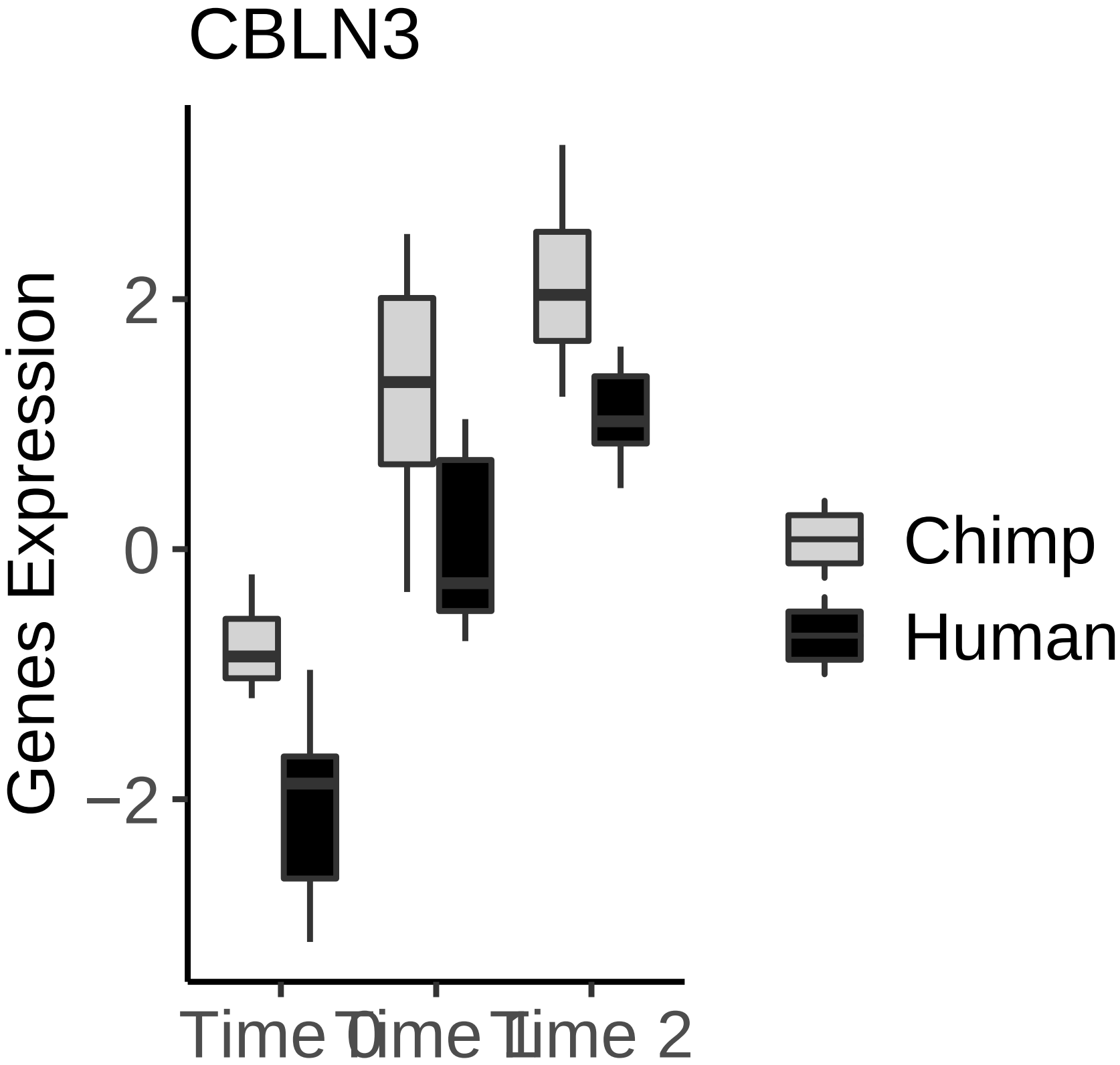
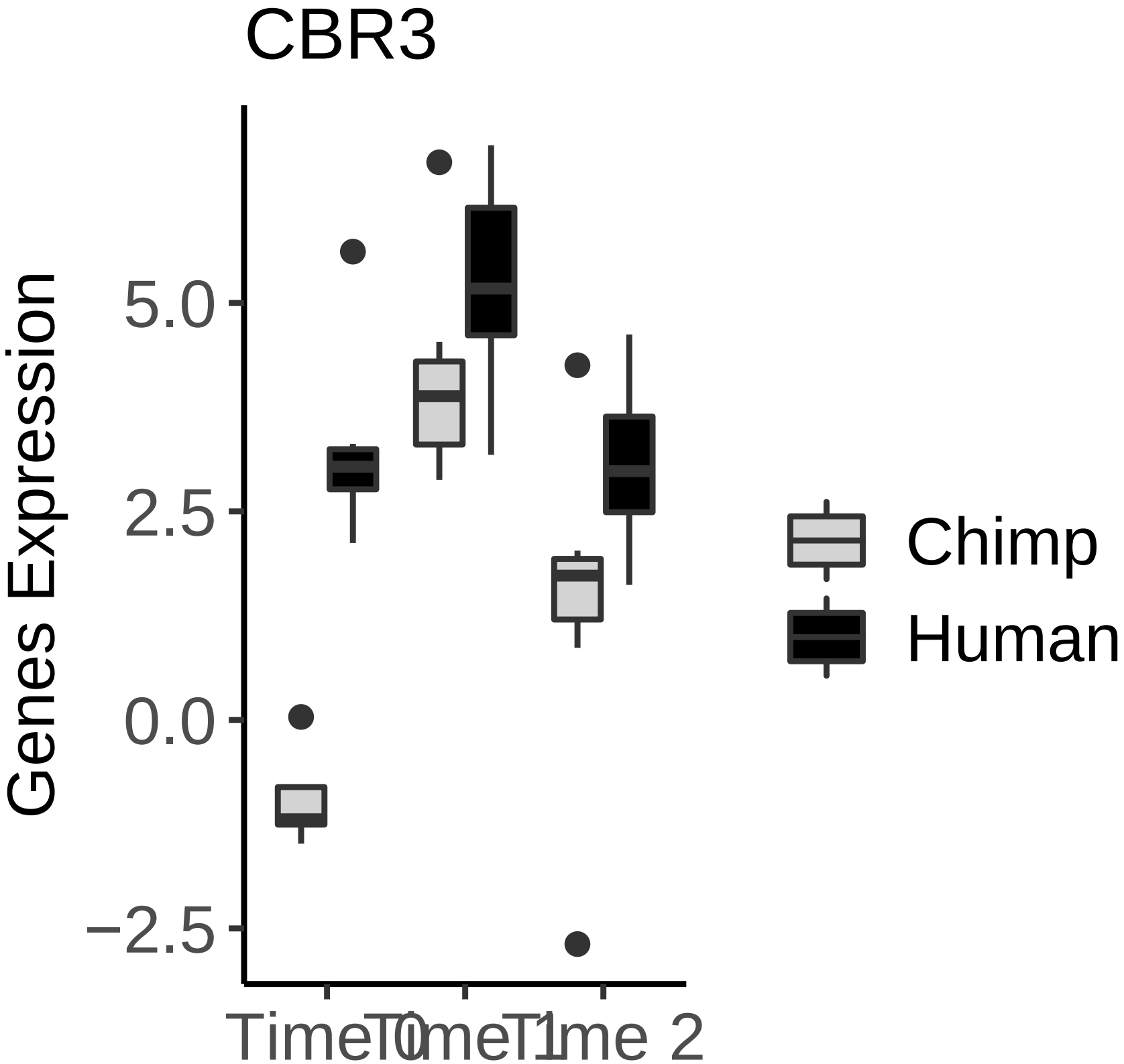
3.5
3.0
Time 0
Time 1
Time 2
Chimp
Human


CASZ1
Genes Expression
2
0
−2
Time 0
Time 1
Time 2
Chimp
Human


CBLN3
Genes Expression
2
0
−2
Time 0
Time 1
Time 2
Chimp
Human


CBR3
Genes Expression
5.0
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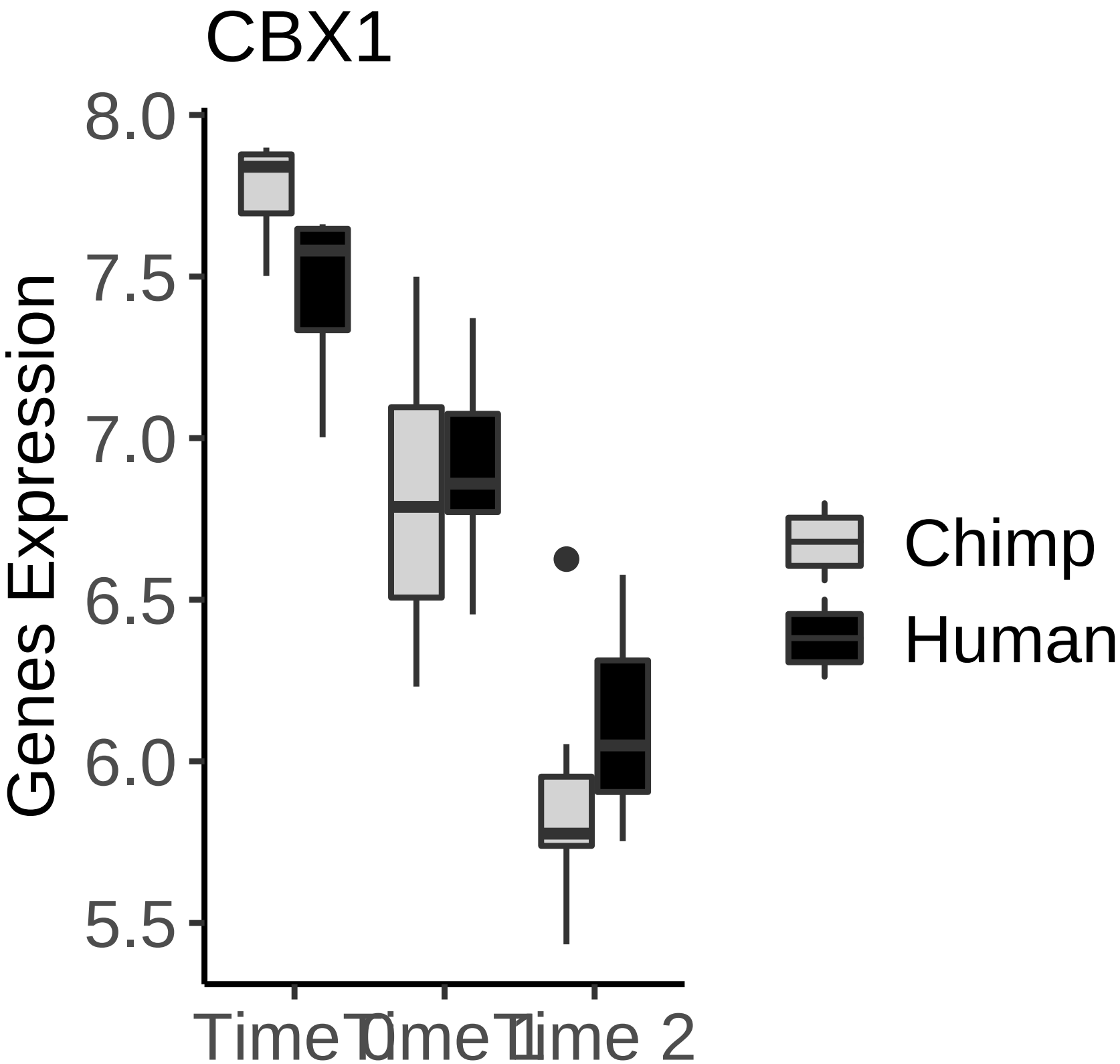
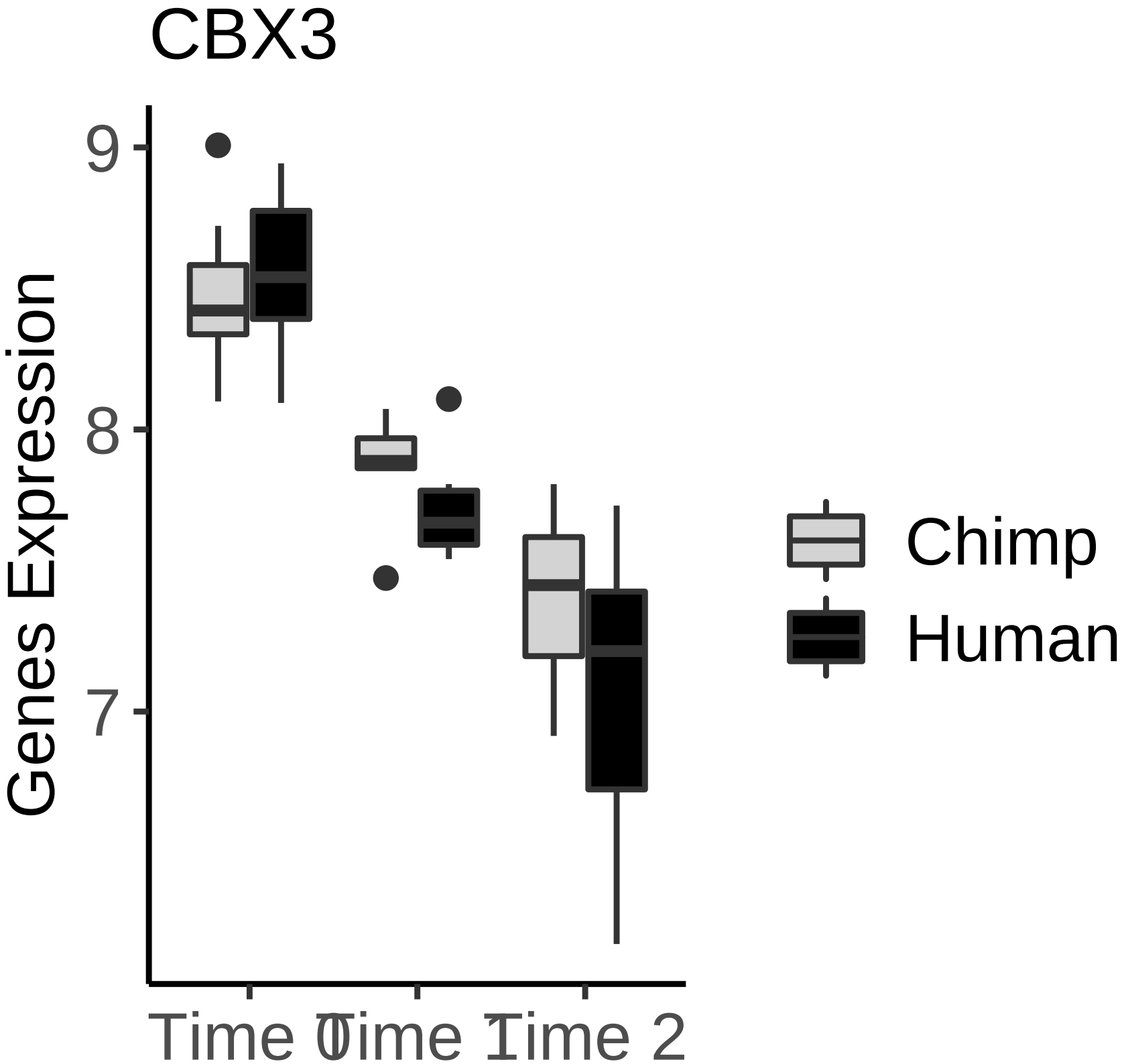
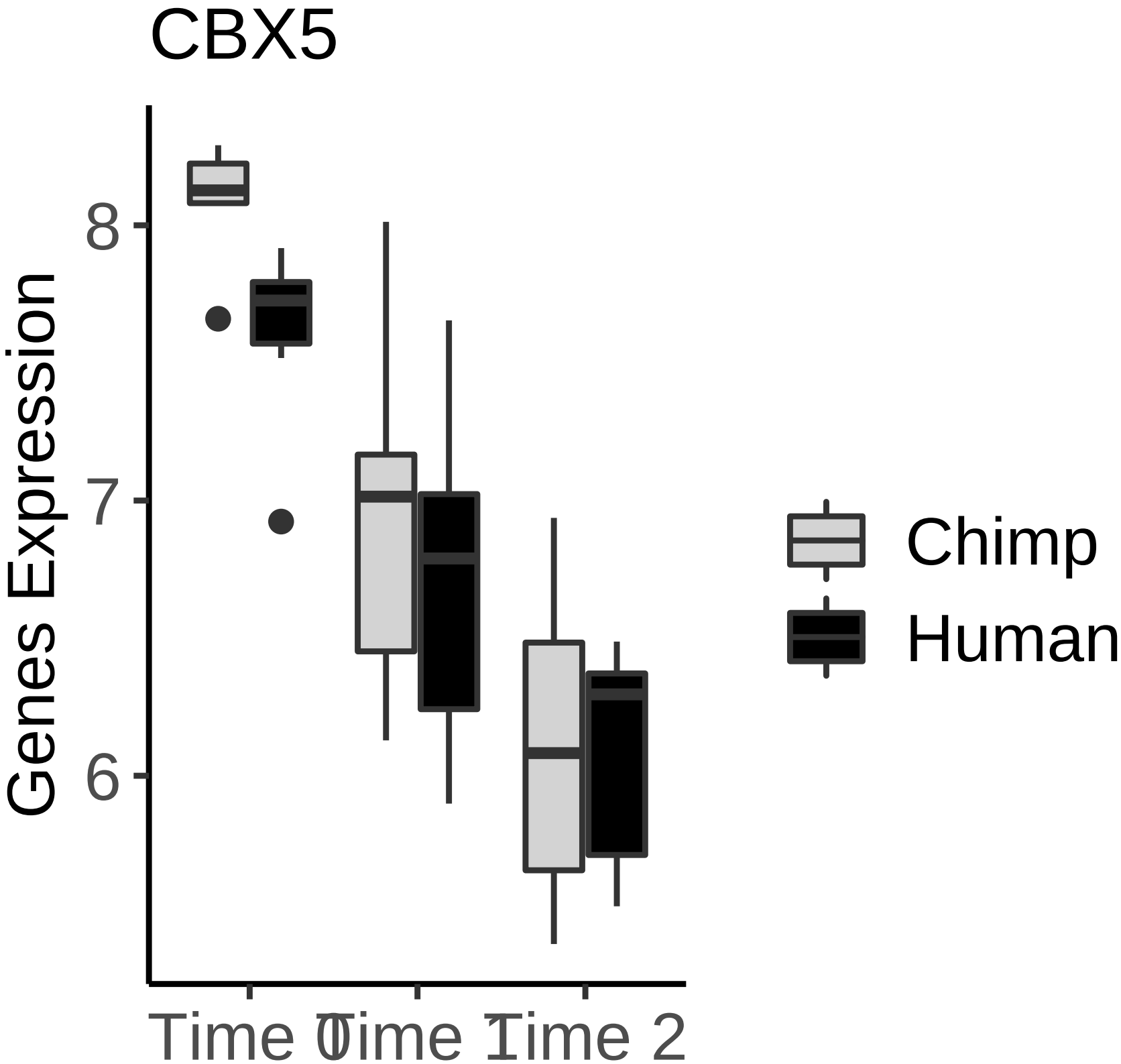
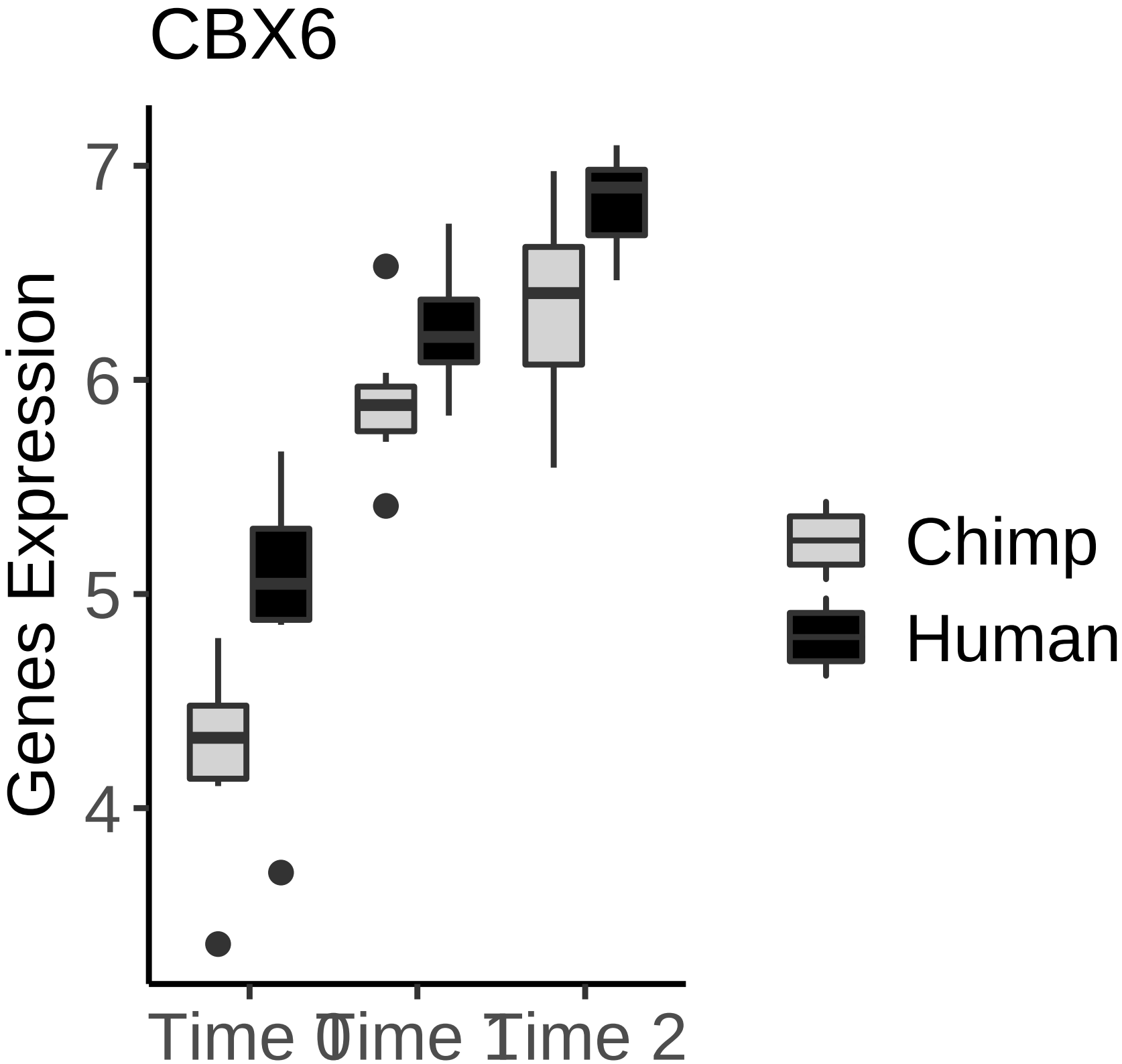
0.0
−2.5
Time 0
Time 1
Time 2
Chimp
Human


CBX1
Genes Expression
8.0
7.5
7.0
6.5
6.0
5.5
Time 0
Time 1
Time 2
Chimp
Human


CBX3
Genes Expression
9
8
7
Time 0
Time 1
Time 2
Chimp
Human


CBX5
Genes Expression
8
7
6
Time 0
Time 1
Time 2
Chimp
Human


CBX6
Genes Expression
7
6
5
4
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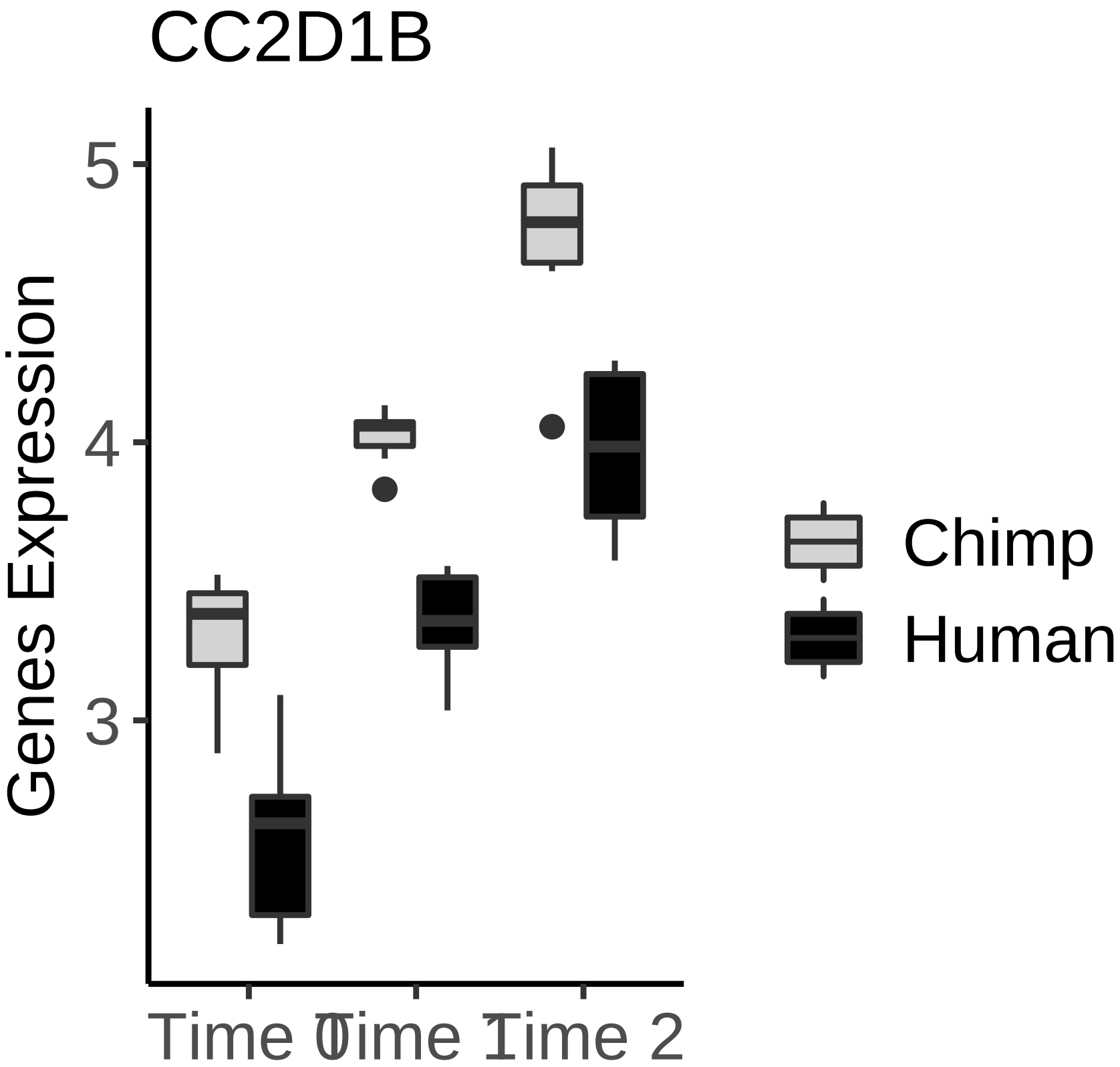
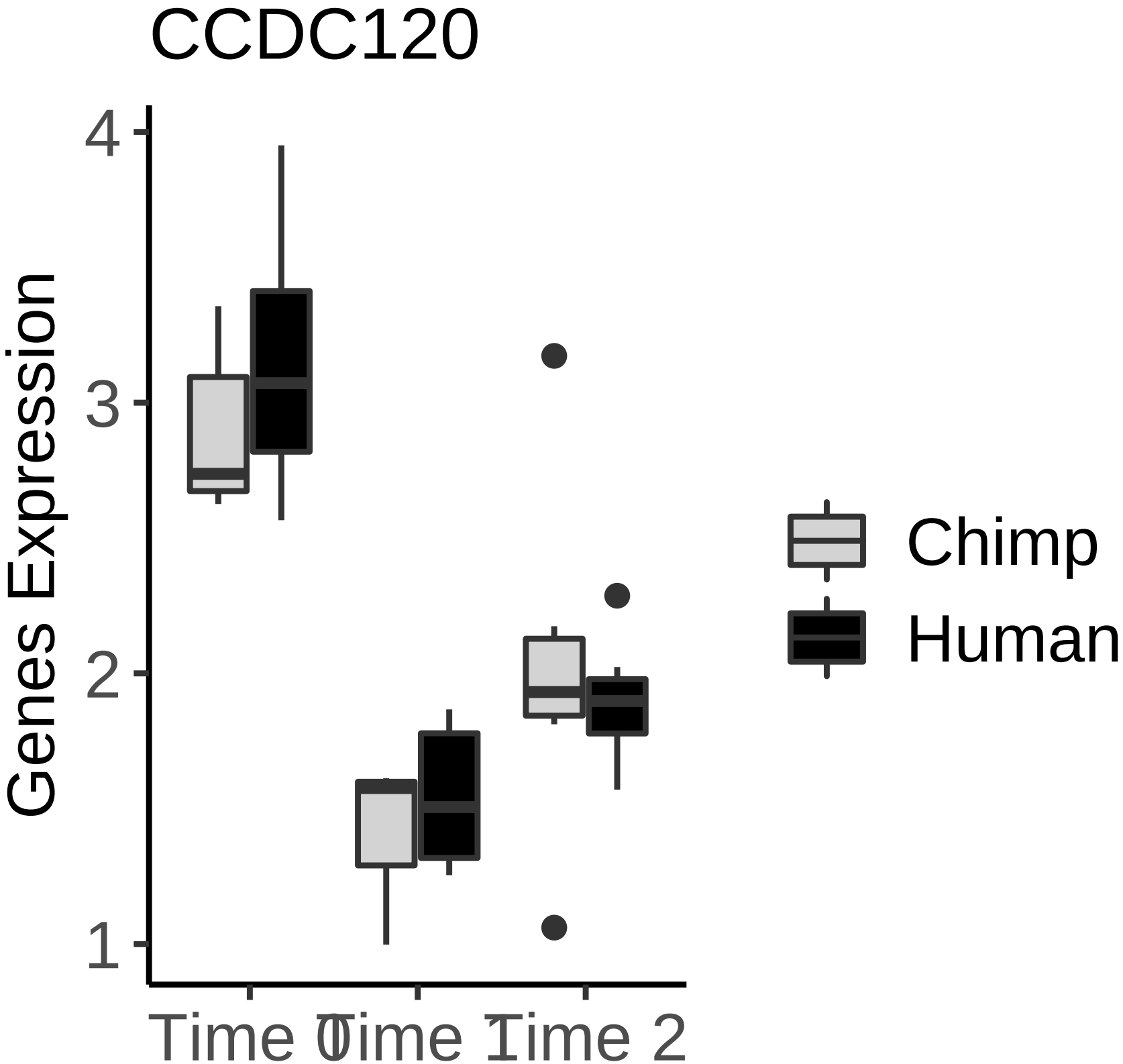
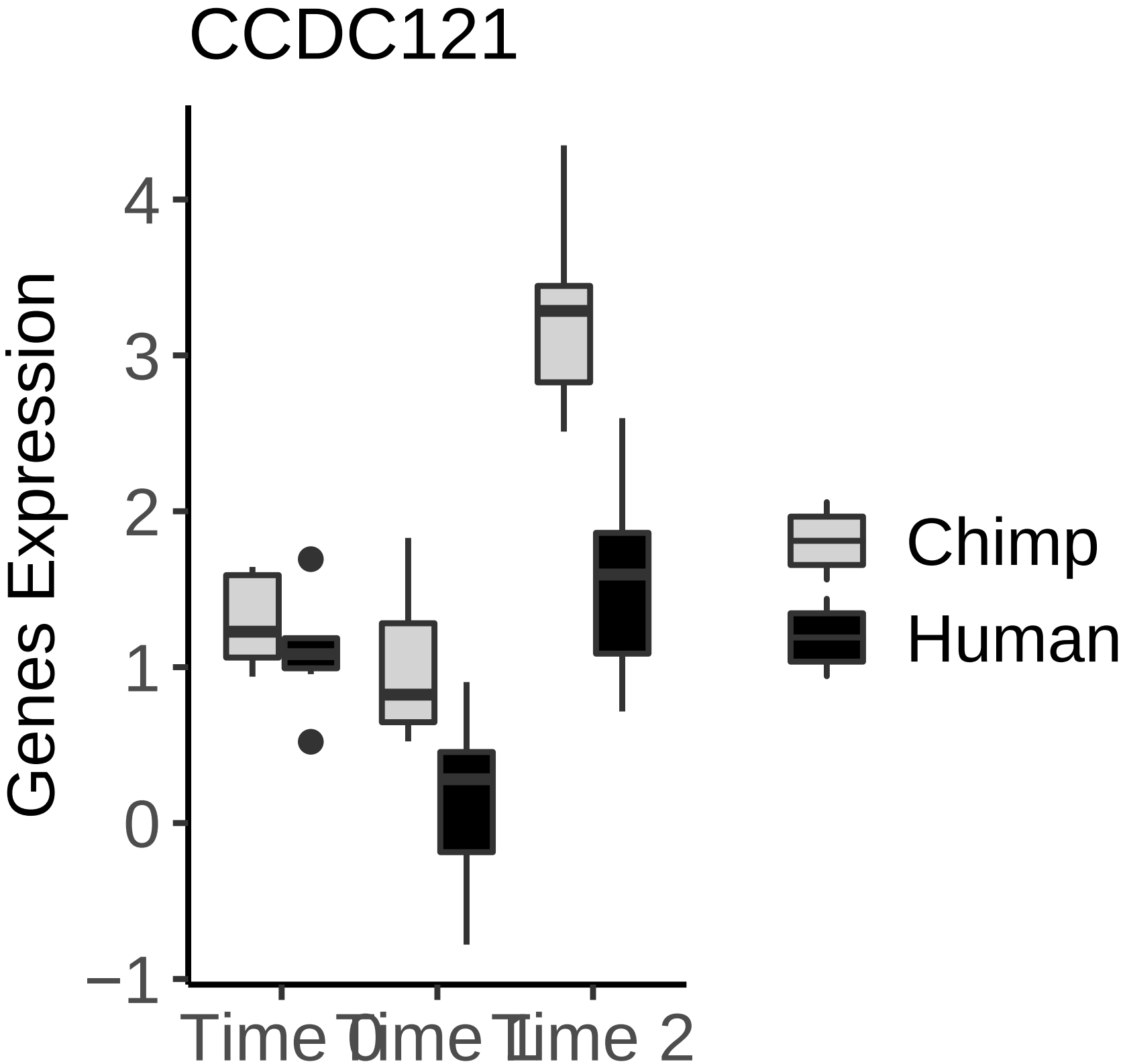
Time 1
Time 2
Chimp
Human


CC2D1B
Genes Expression
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


CCDC120
Genes Expression
4
3
2
1
Time 0
Time 1
Time 2
Chimp
Human


CCDC121
Genes Expression
4
3
2
1
0
−1
Time 0
Time 1
Time 2
Chimp
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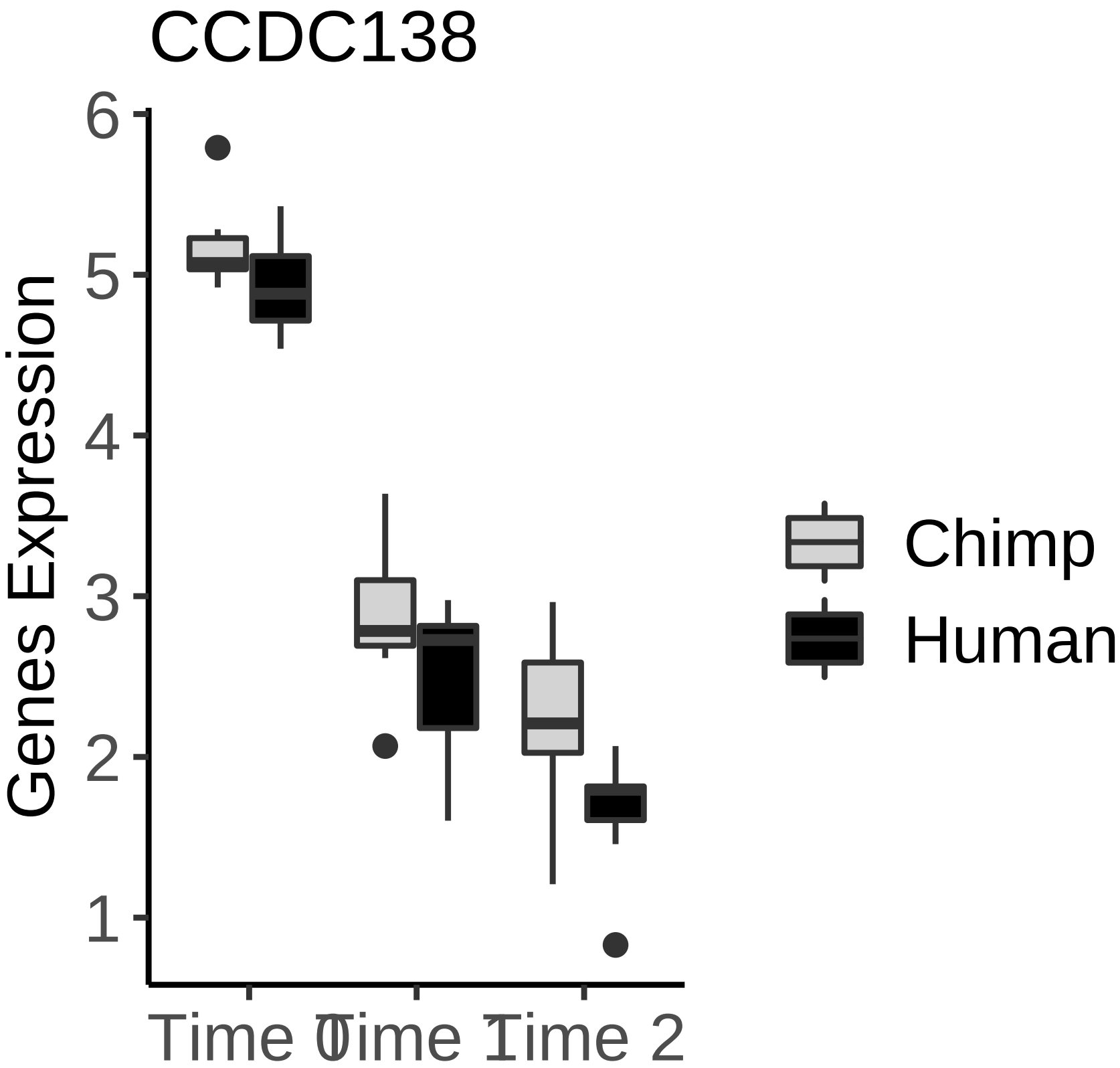
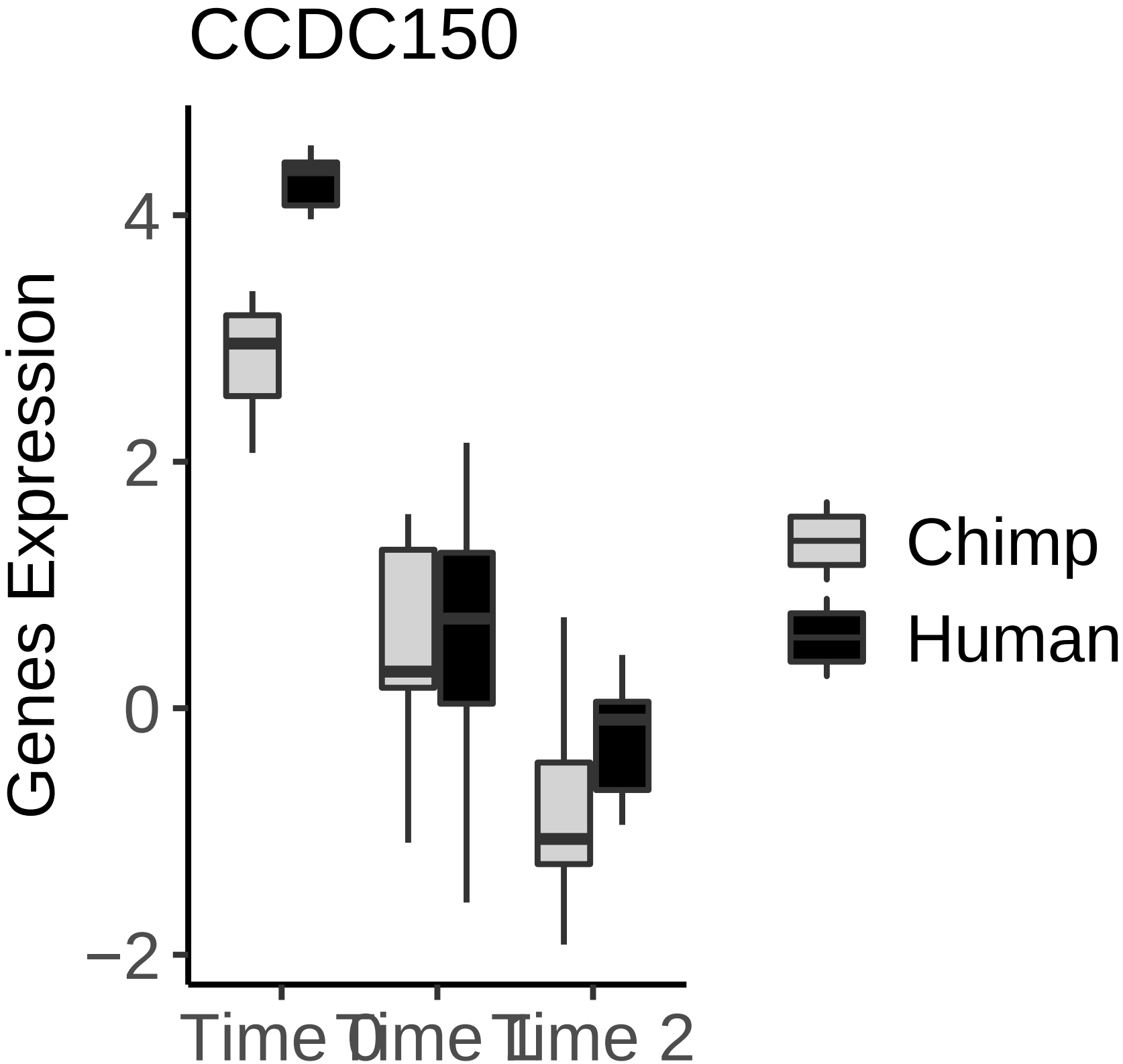
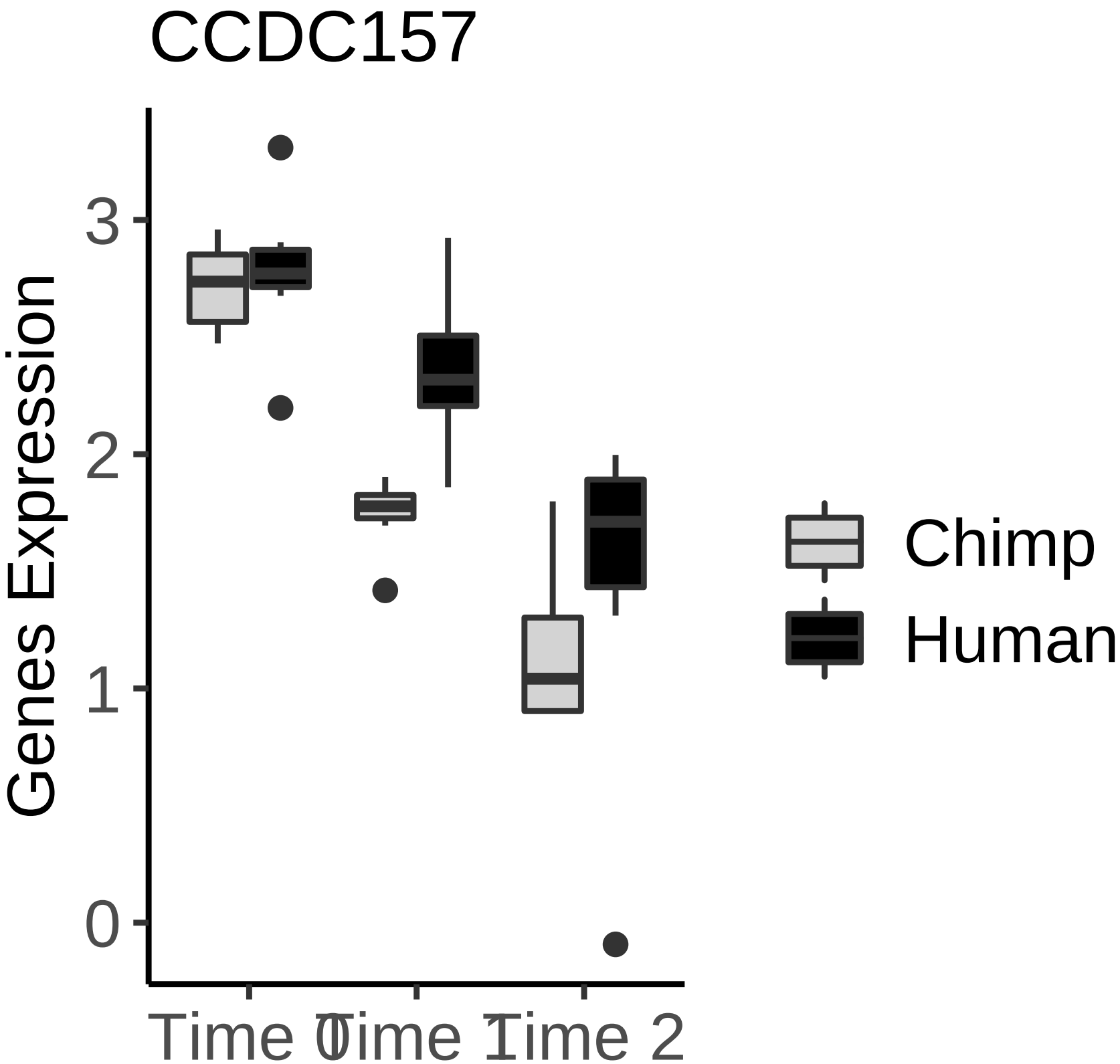

CCDC138
Genes Expression
6
5
4
3
2
1
Time 0
Time 1
Time 2
Chimp
Human


CCDC150
Genes Expression
4
2
0
−2
Time 0
Time 1
Time 2
Chimp
Human


CCDC157
Genes Expression
3
2
1
0
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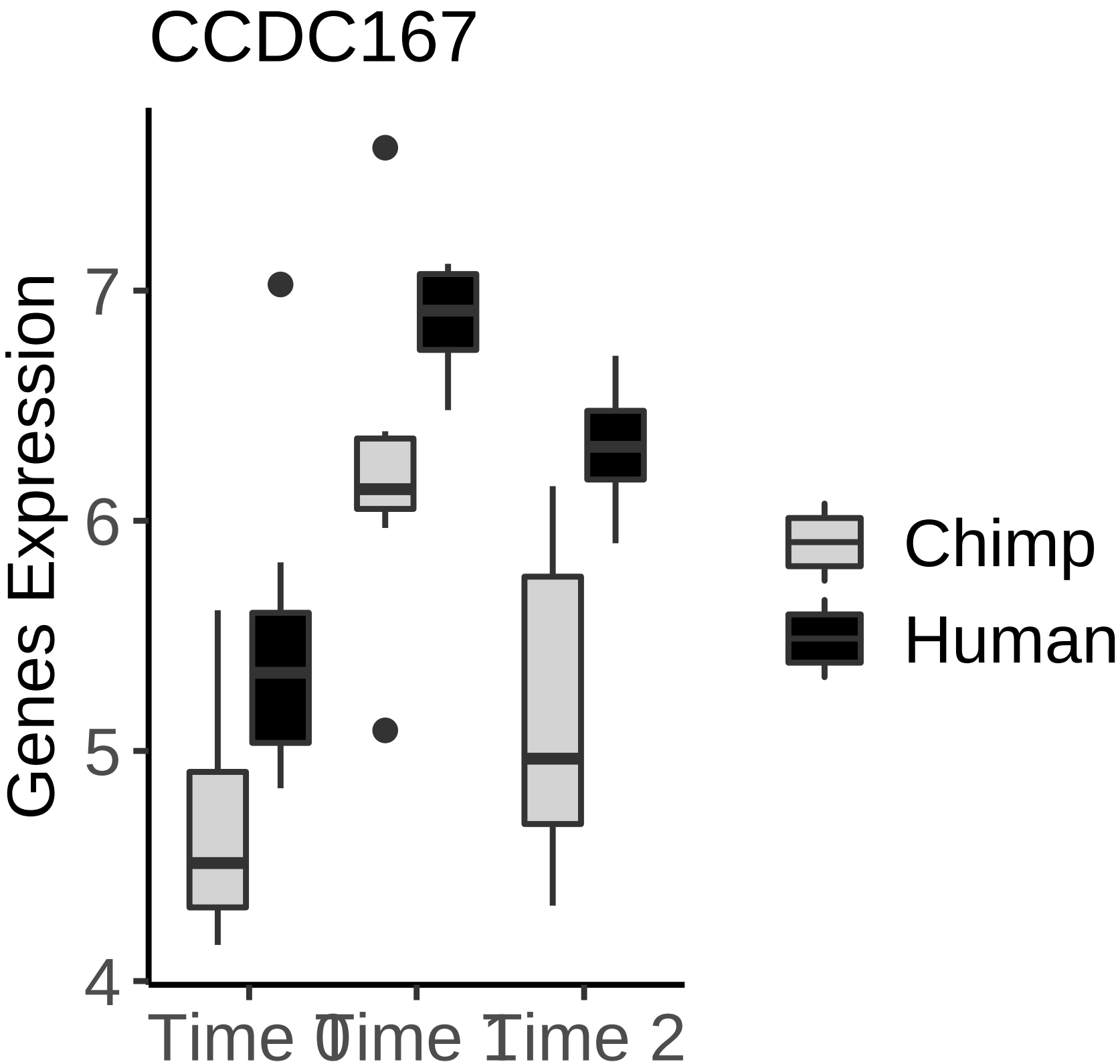
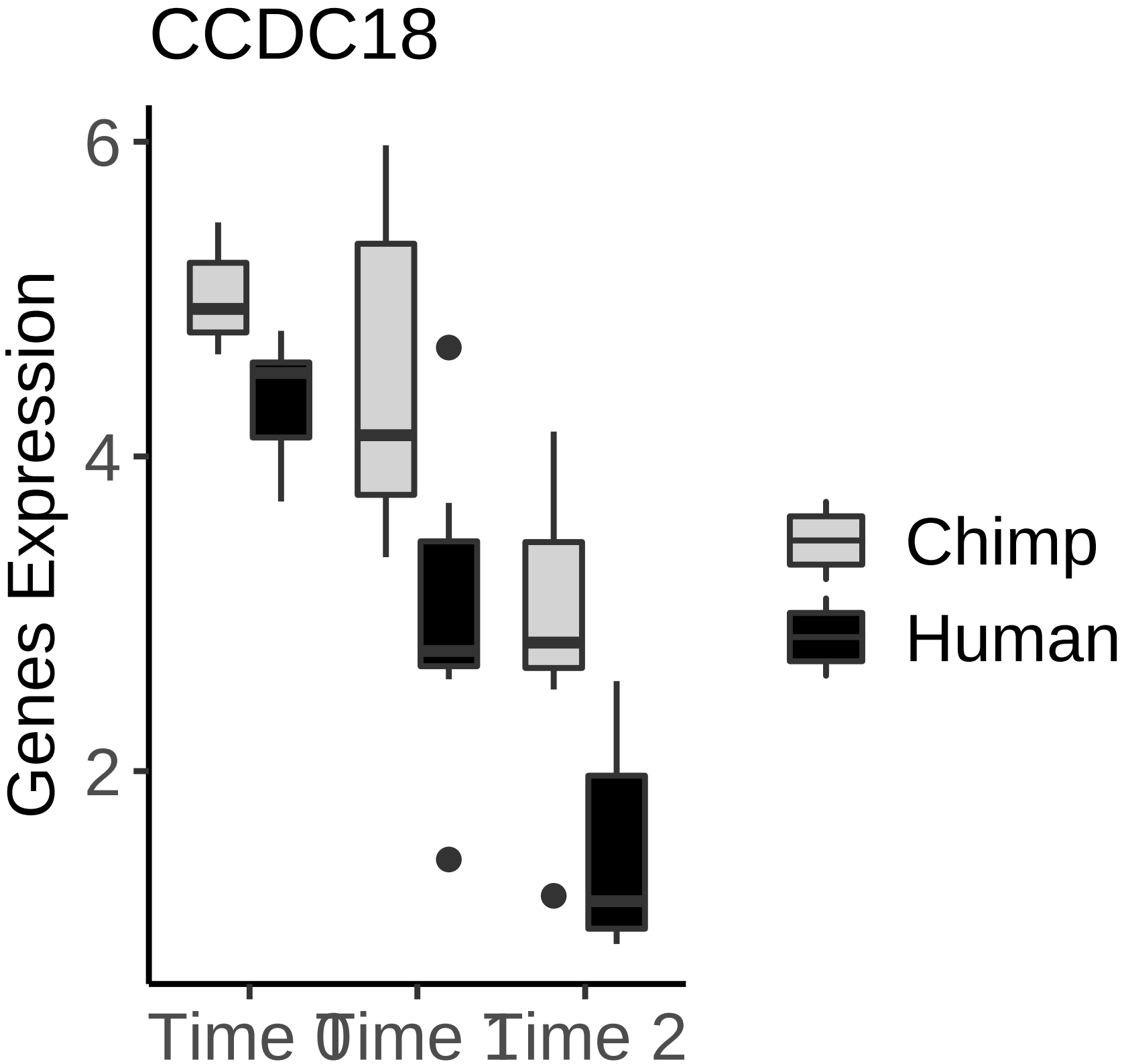
Time 1
Time 2
Chimp
Human


CCDC167
Genes Expression
7
6
5
4
Time 0
Time 1
Time 2
Chimp
Human


CCDC18
Genes Expression
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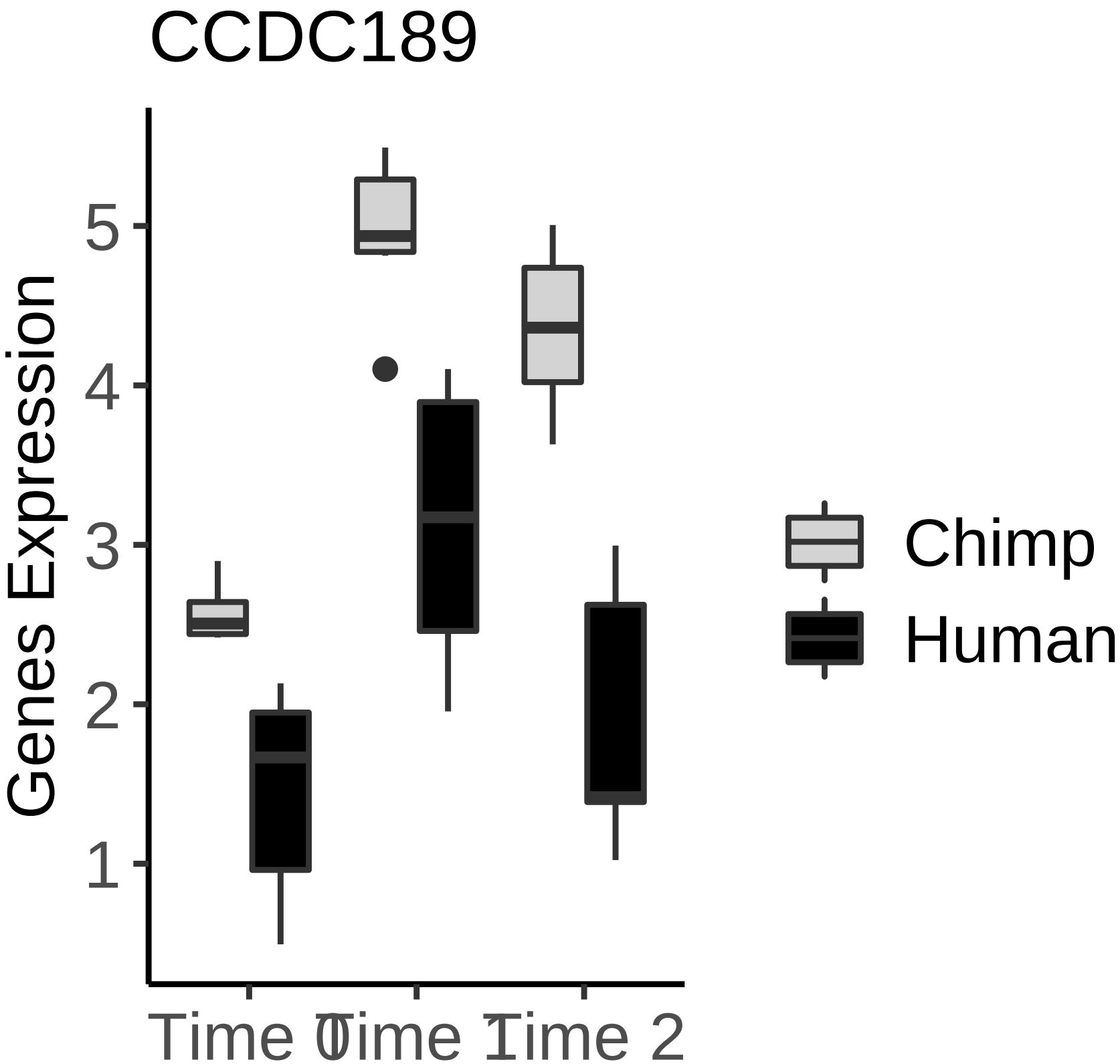
4
2
Time 0
Time 1
Time 2
Chimp
Human


CCDC189
Genes Expression
5
4
3
2
1
Time 0
Time 1
Time 2
Chimp
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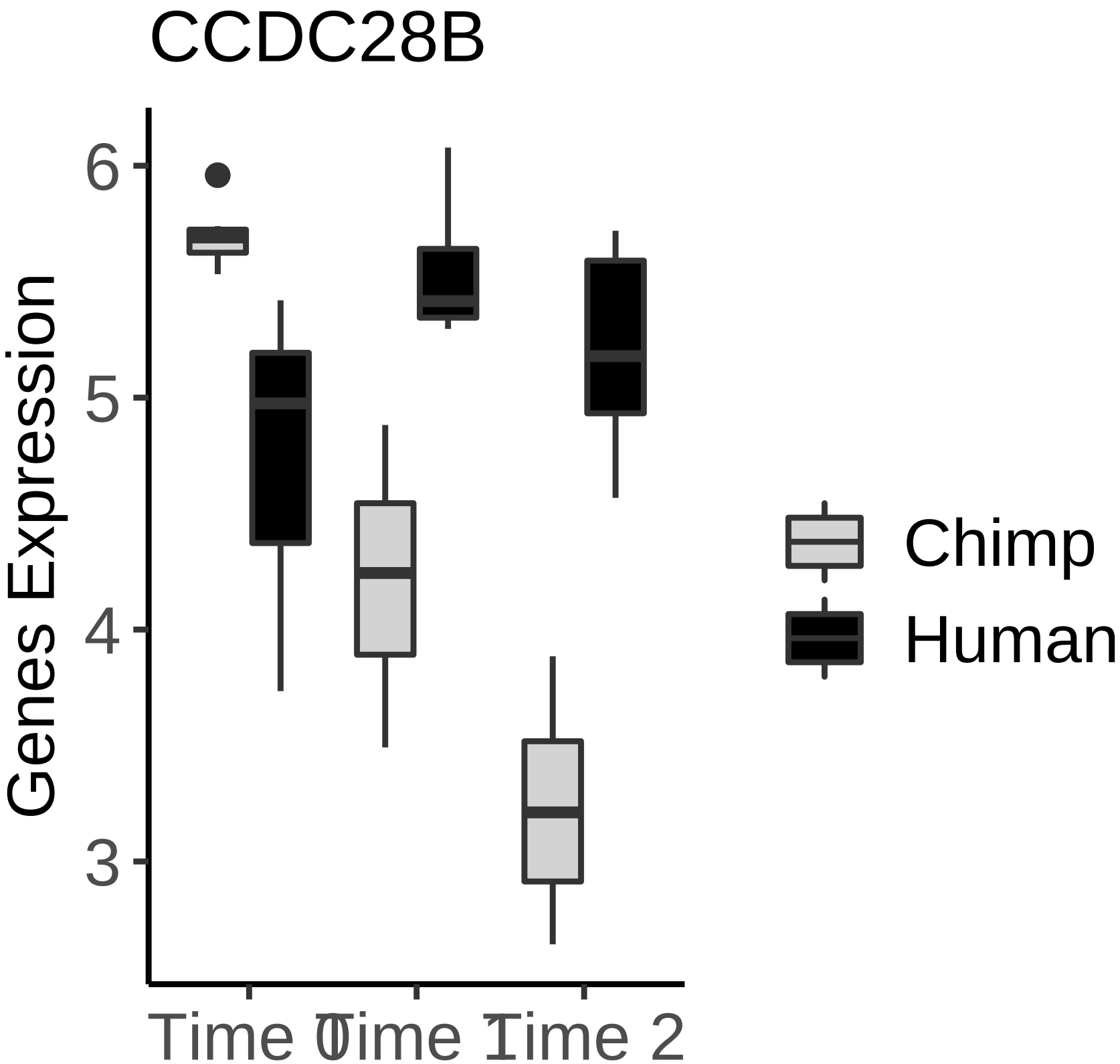
CCDC28B
Genes Expression
6
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4
3
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Time 2
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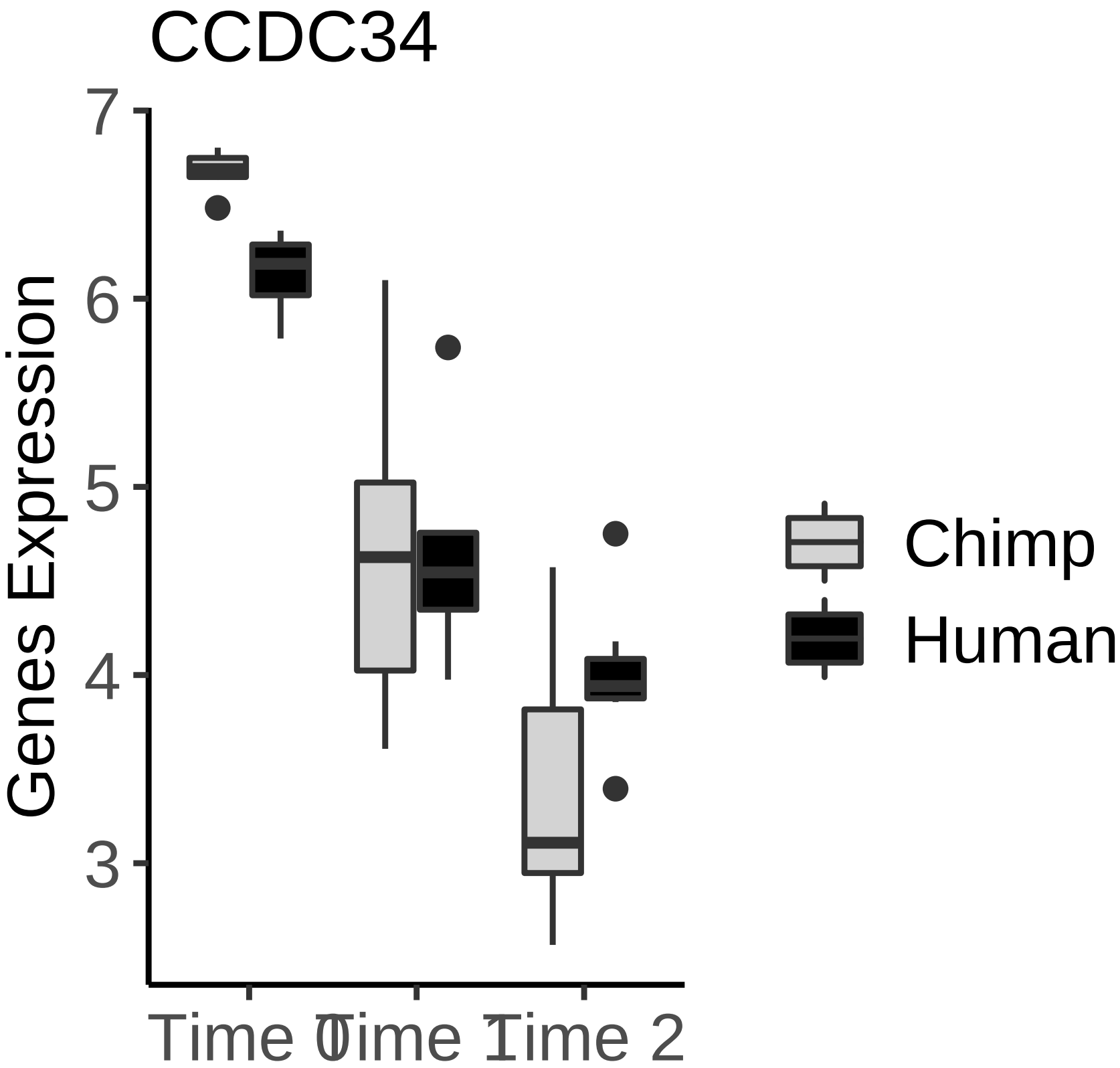
CCDC34
Genes Expression
7
6
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4
3
Time 0
Time 1
Time 2
Chimp
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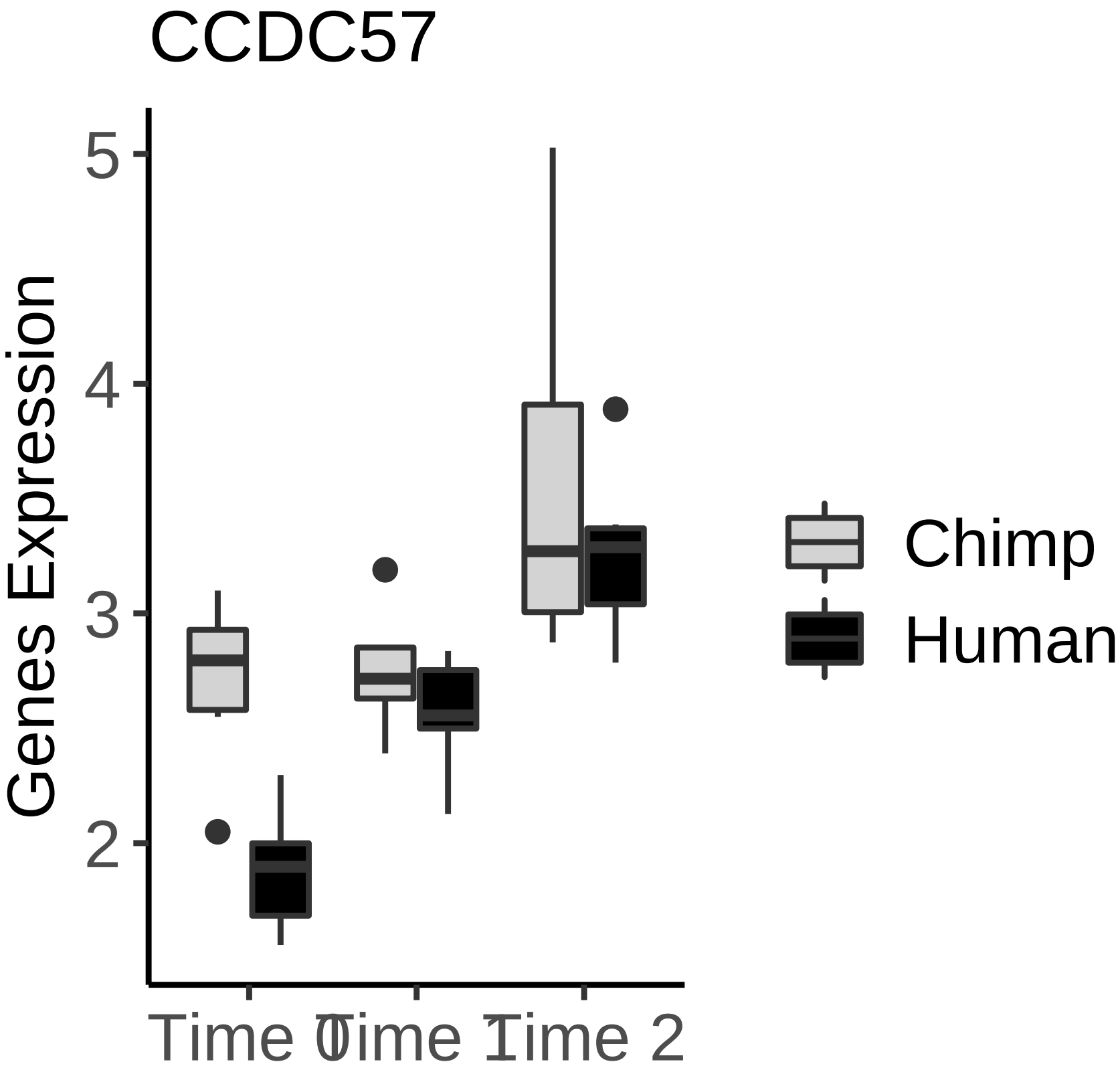
CCDC57
Genes Expression
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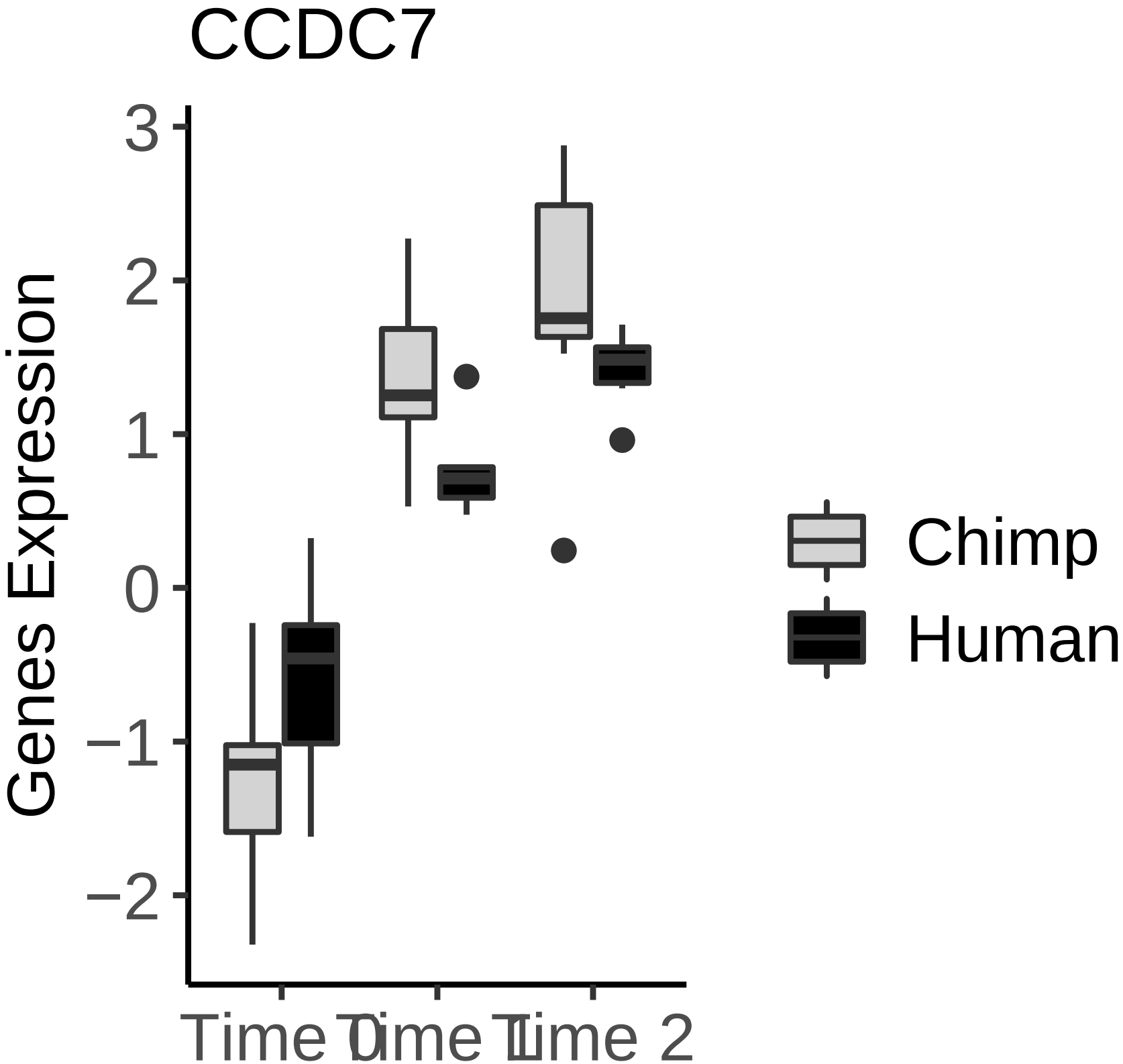
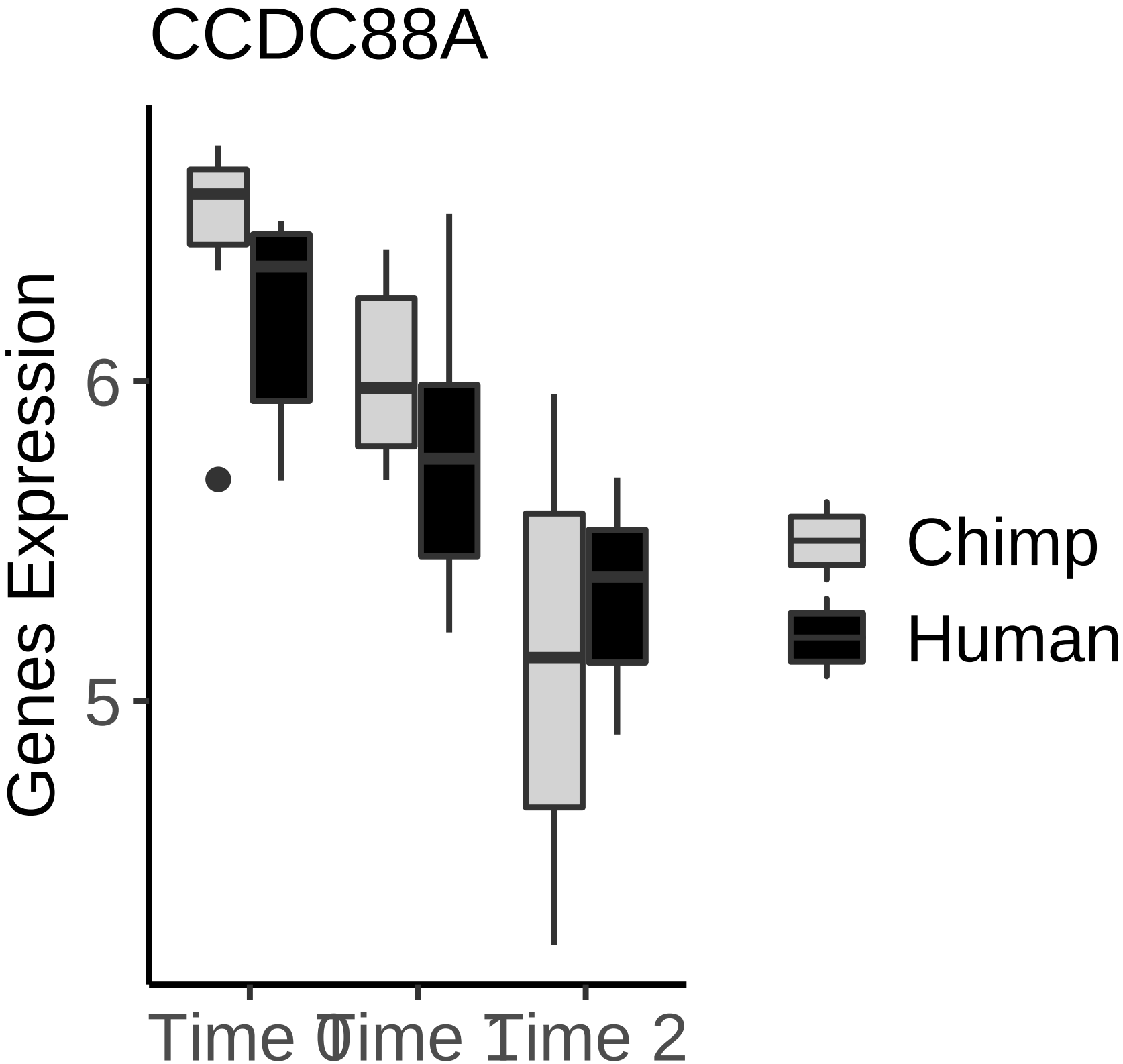
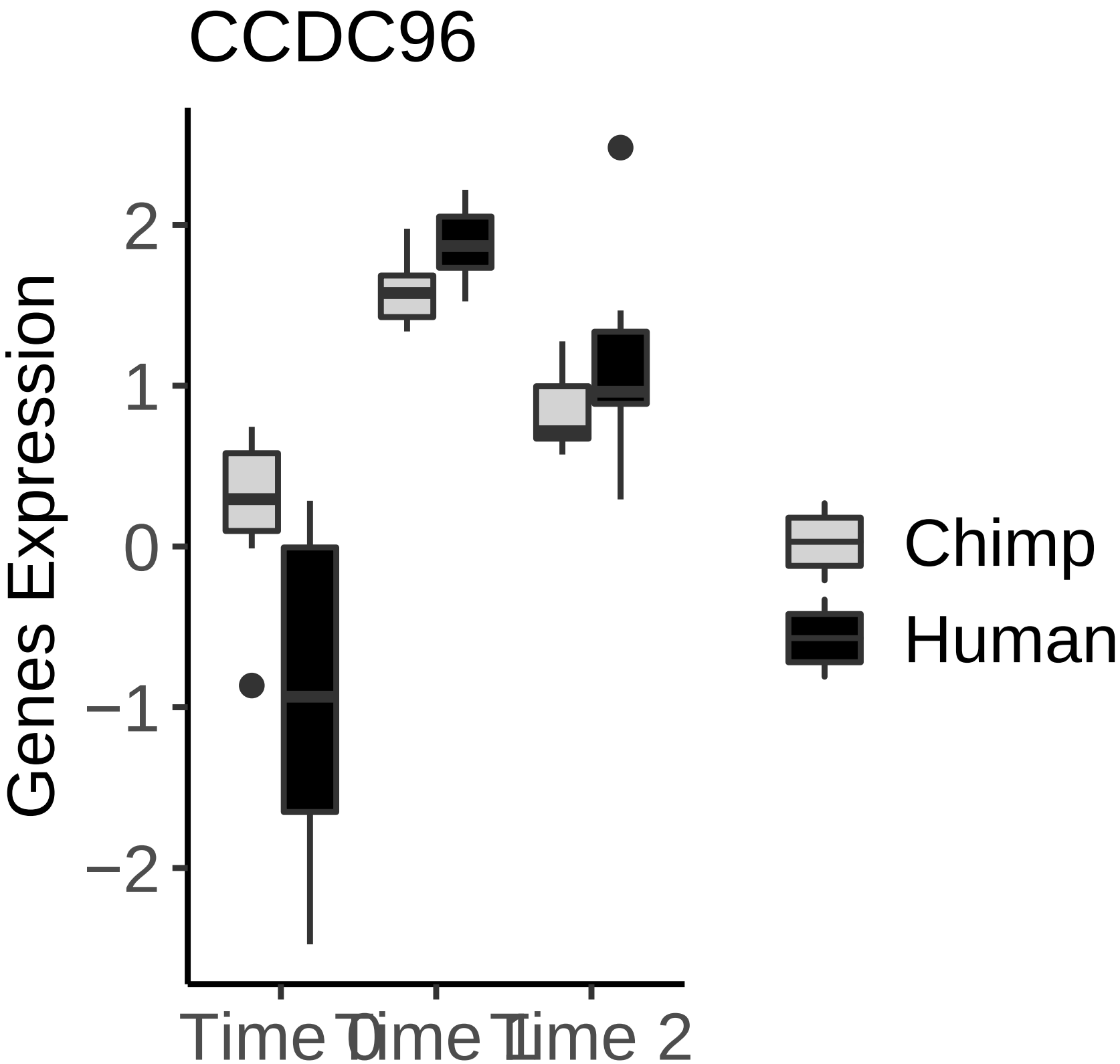
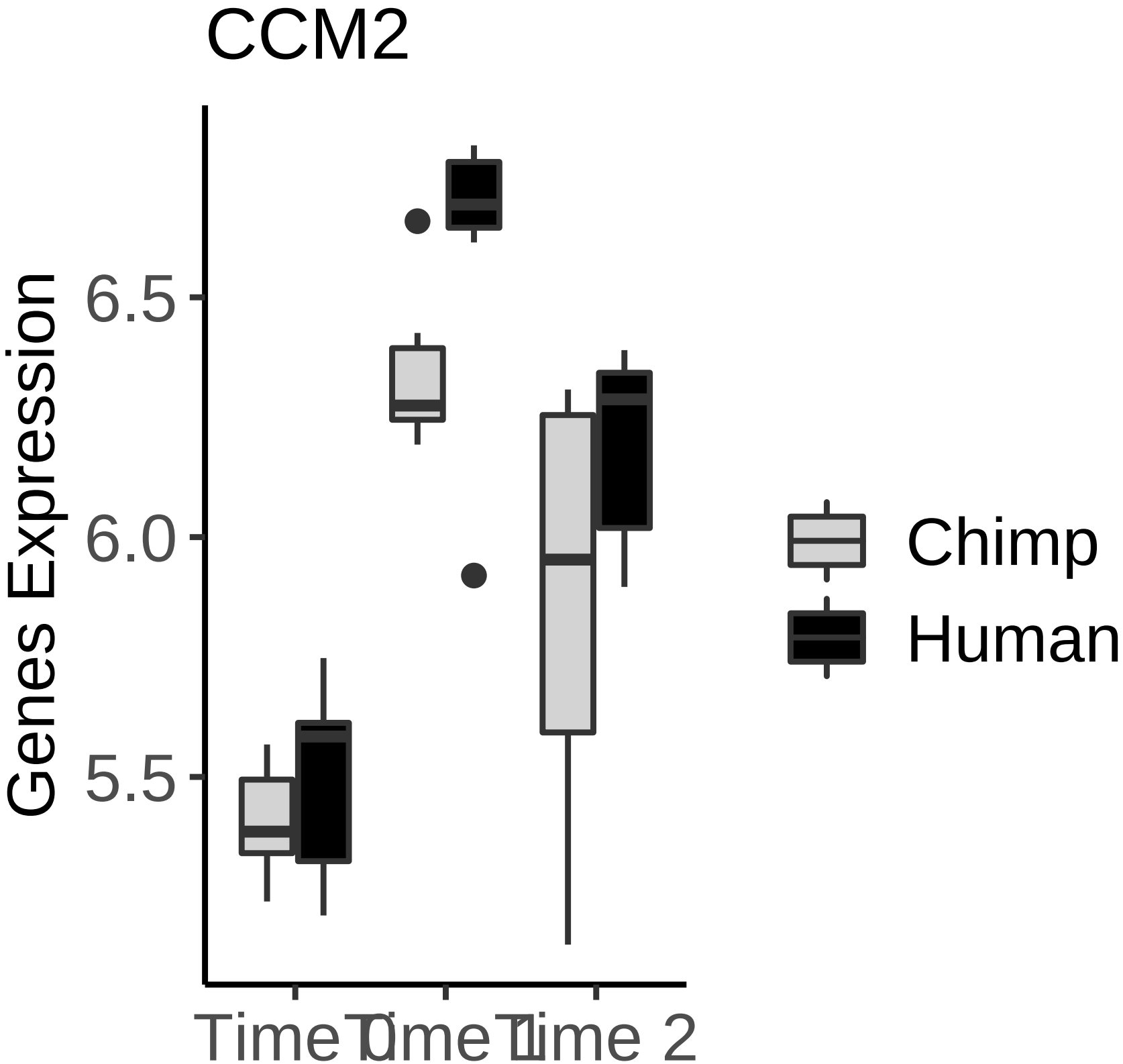
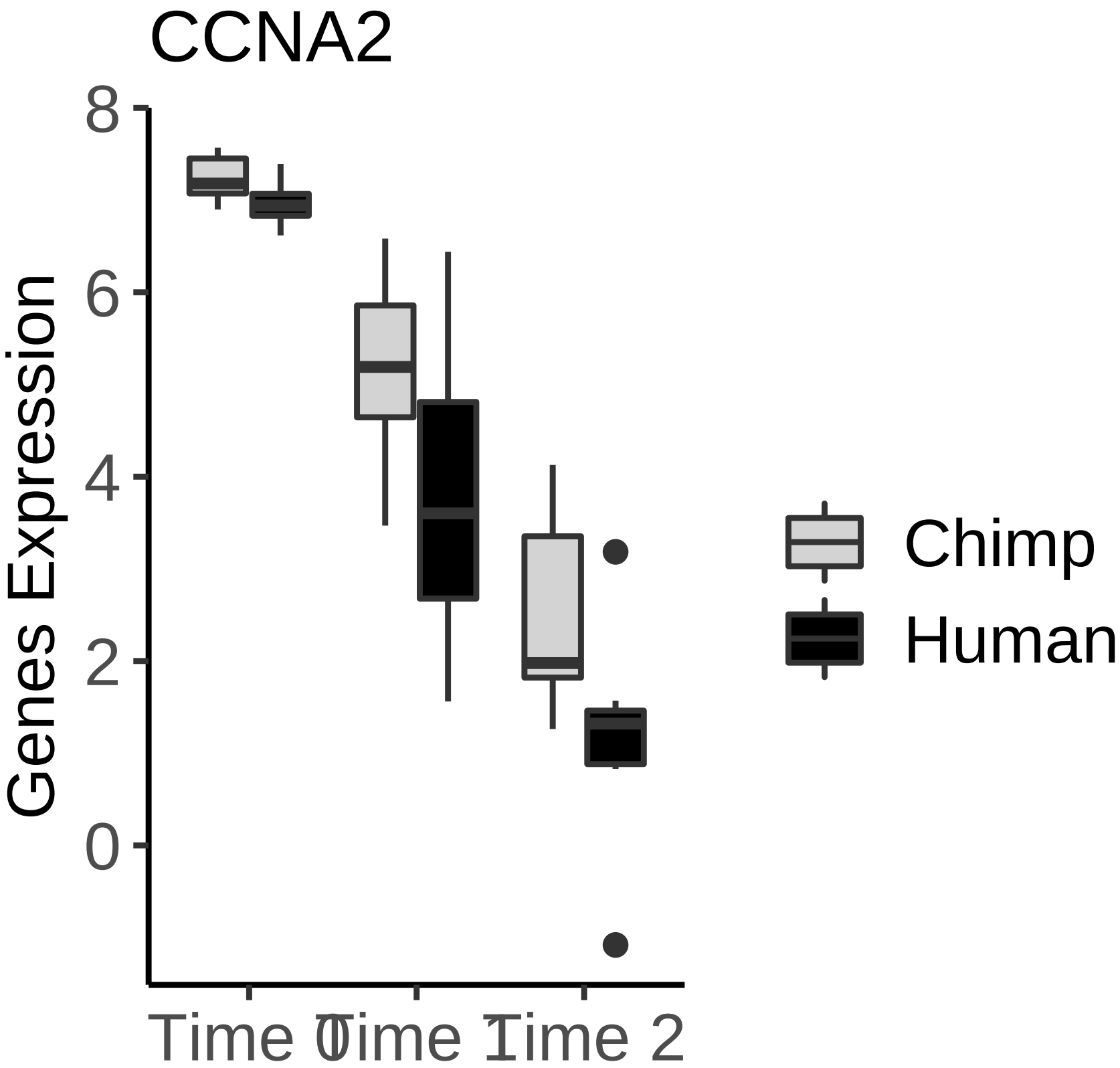
4
3
2
Time 0
Time 1
Time 2
Chimp
Human


CCDC7
Genes Expression
3
2
1
0
−1
−2
Time 0
Time 1
Time 2
Chimp
Human


CCDC88A
Genes Expression
6
5
Time 0
Time 1
Time 2
Chimp
Human


CCDC96
Genes Expression
2
1
0
−1
−2
Time 0
Time 1
Time 2
Chimp
Human


CCM2
Genes Expression
6.5
6.0
5.5
Time 0
Time 1
Time 2
Chimp
Human


CCNA2
Genes Expression
8
6
4
2
0
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Time 2
Chimp
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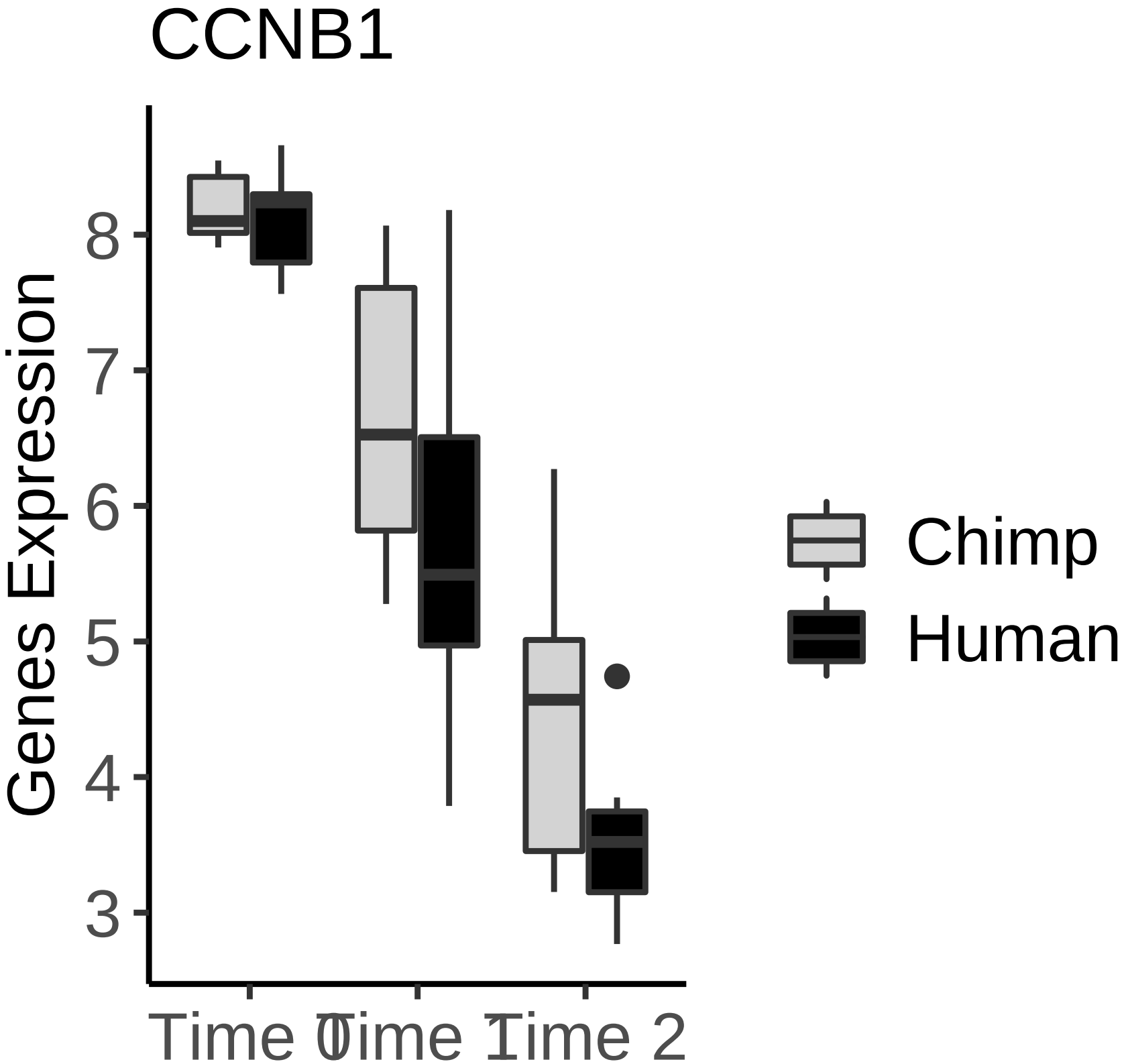
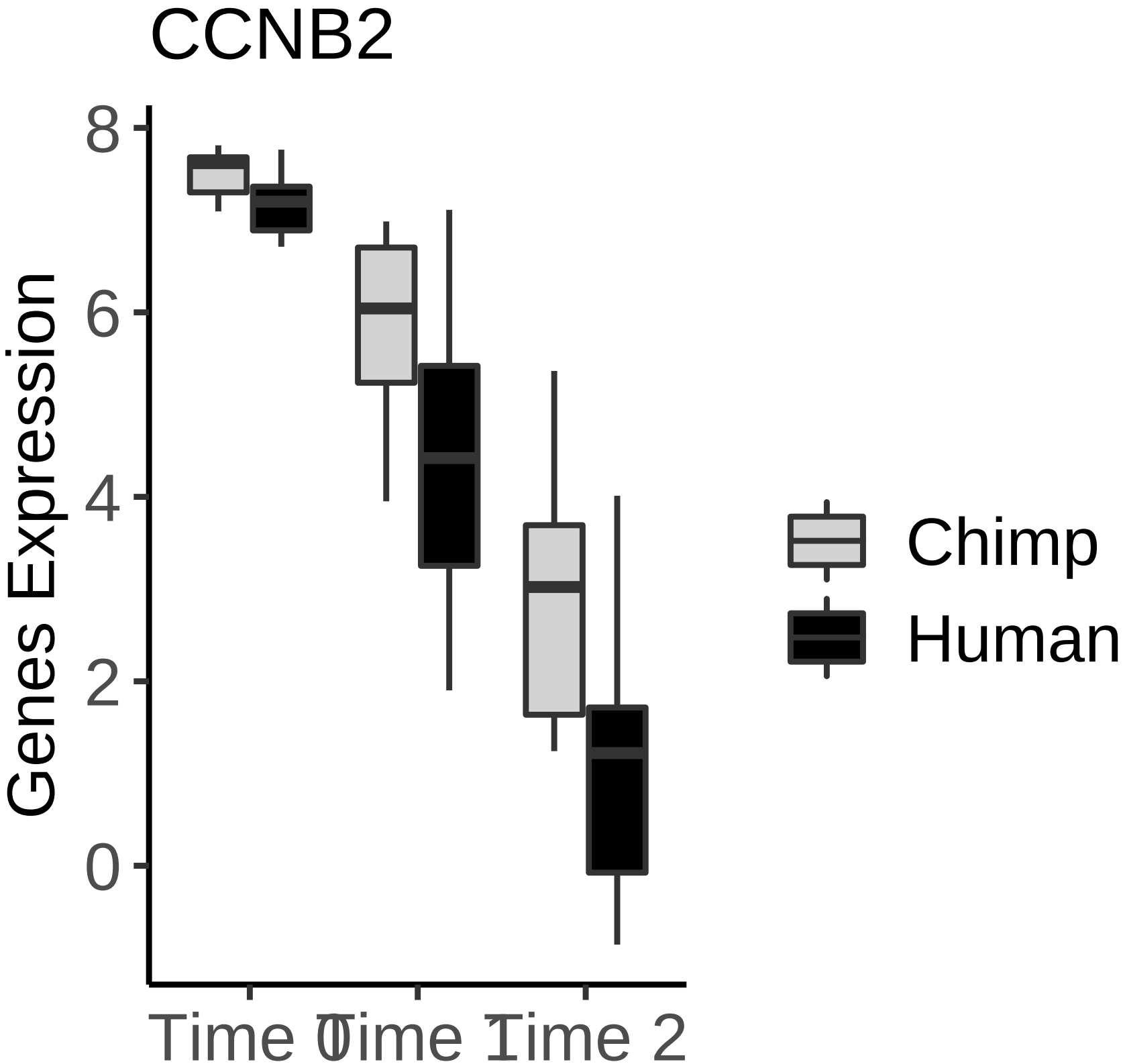
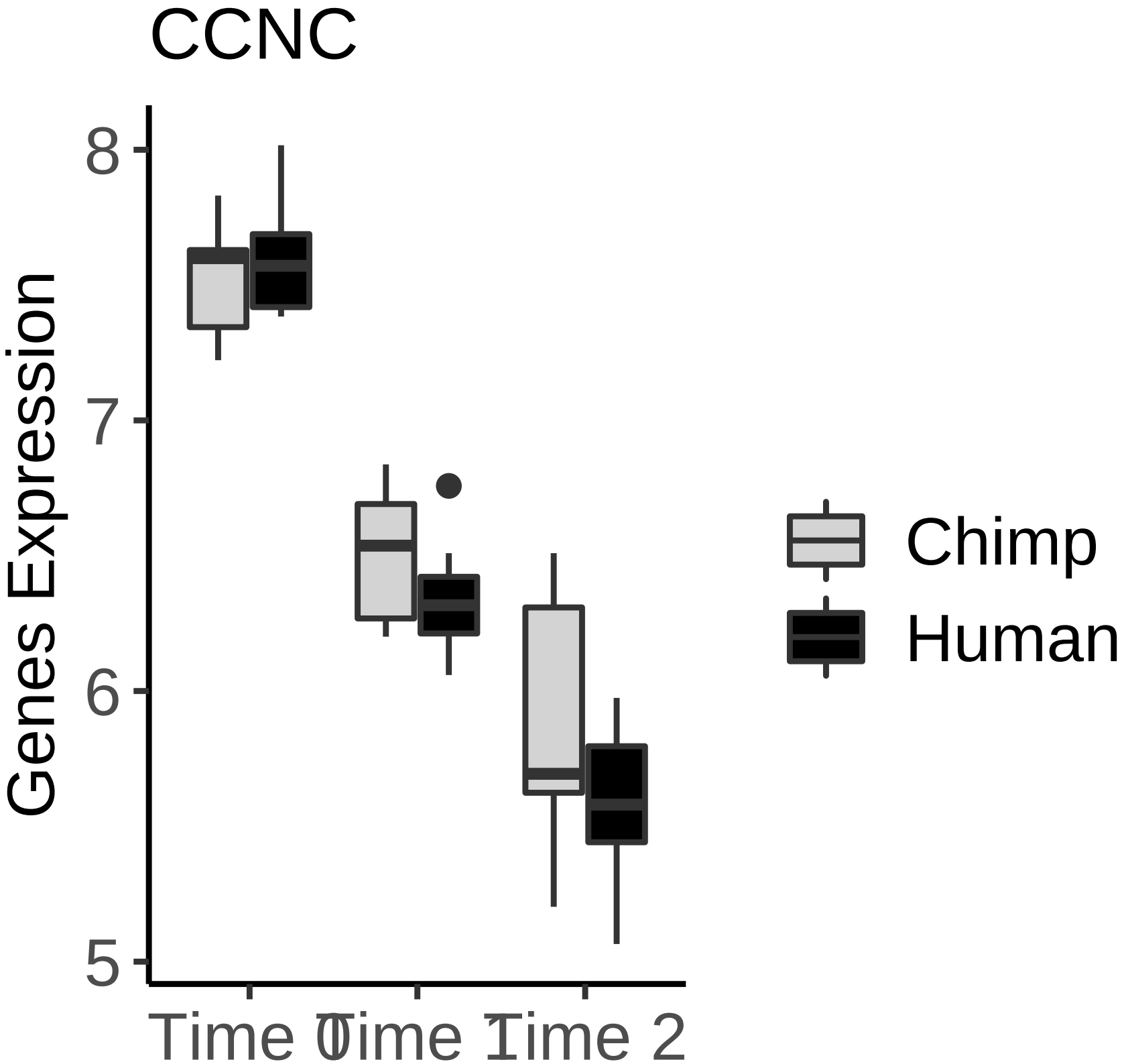

CCNB1
Genes Expression
8
7
6
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


CCNB2
Genes Expression
8
6
4
2
0
Time 0
Time 1
Time 2
Chimp
Human


CCNC
Genes Expression
8
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6
5
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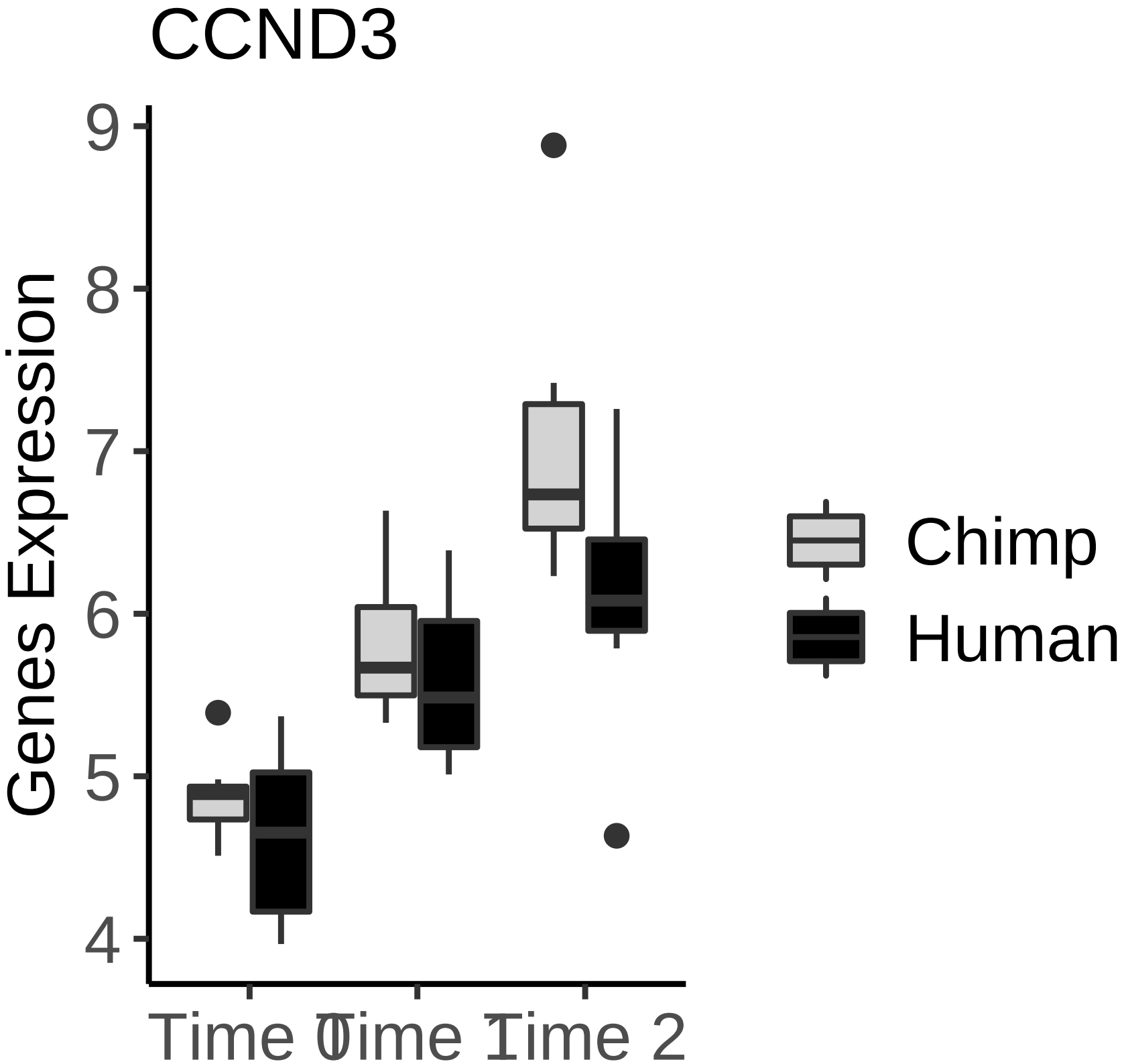
Time 1
Time 2
Chimp
Human


CCND3
Genes Expression
9
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4
Time 0
Time 1
Time 2
Chimp
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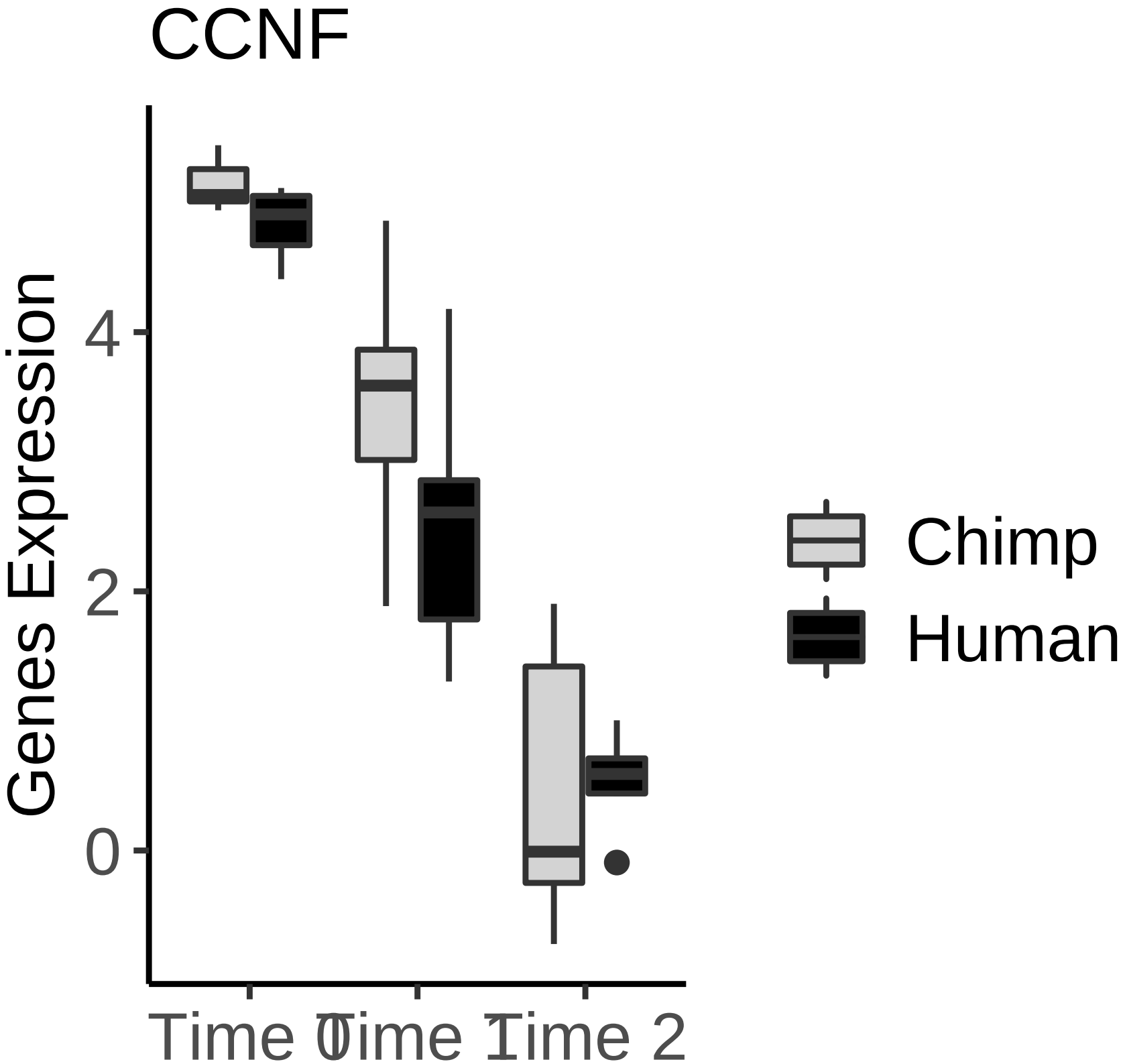
CCNF
Genes Expression
4
2
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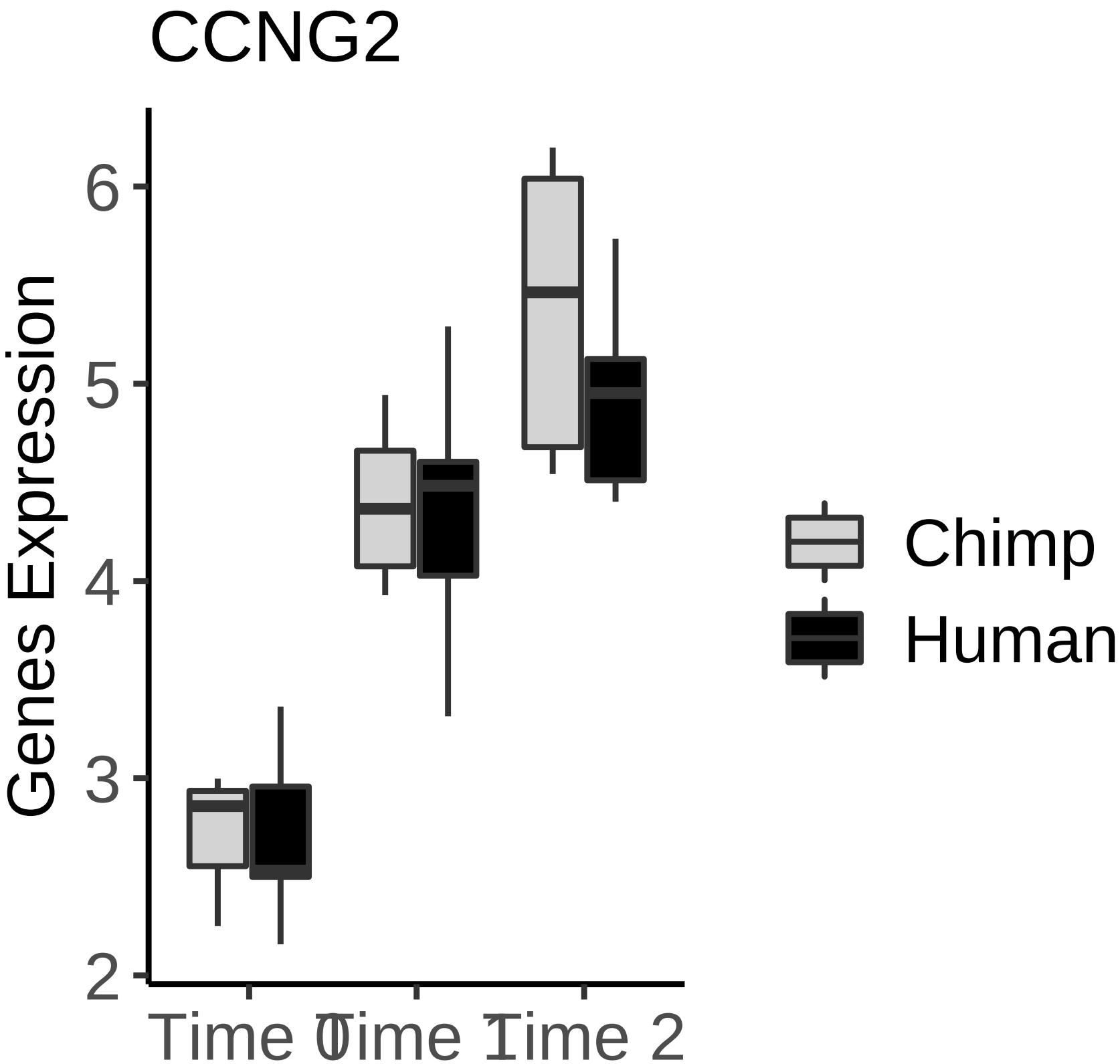
Time 0
Time 1
Time 2
Chimp
Human


CCNG2
Genes Expression
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4
3
2
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Time 1
Time 2
Chimp
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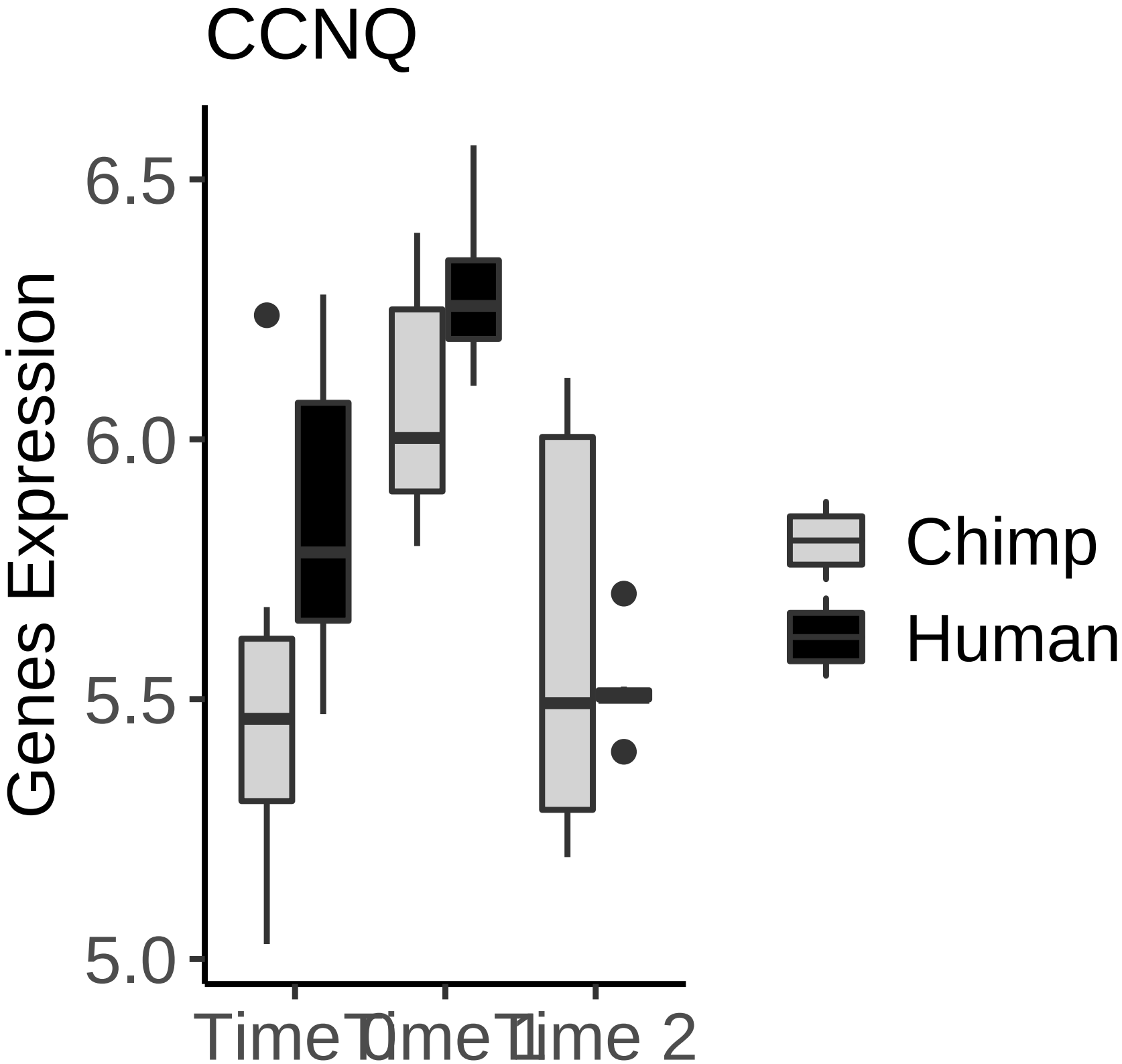
CCNQ
Genes Expression
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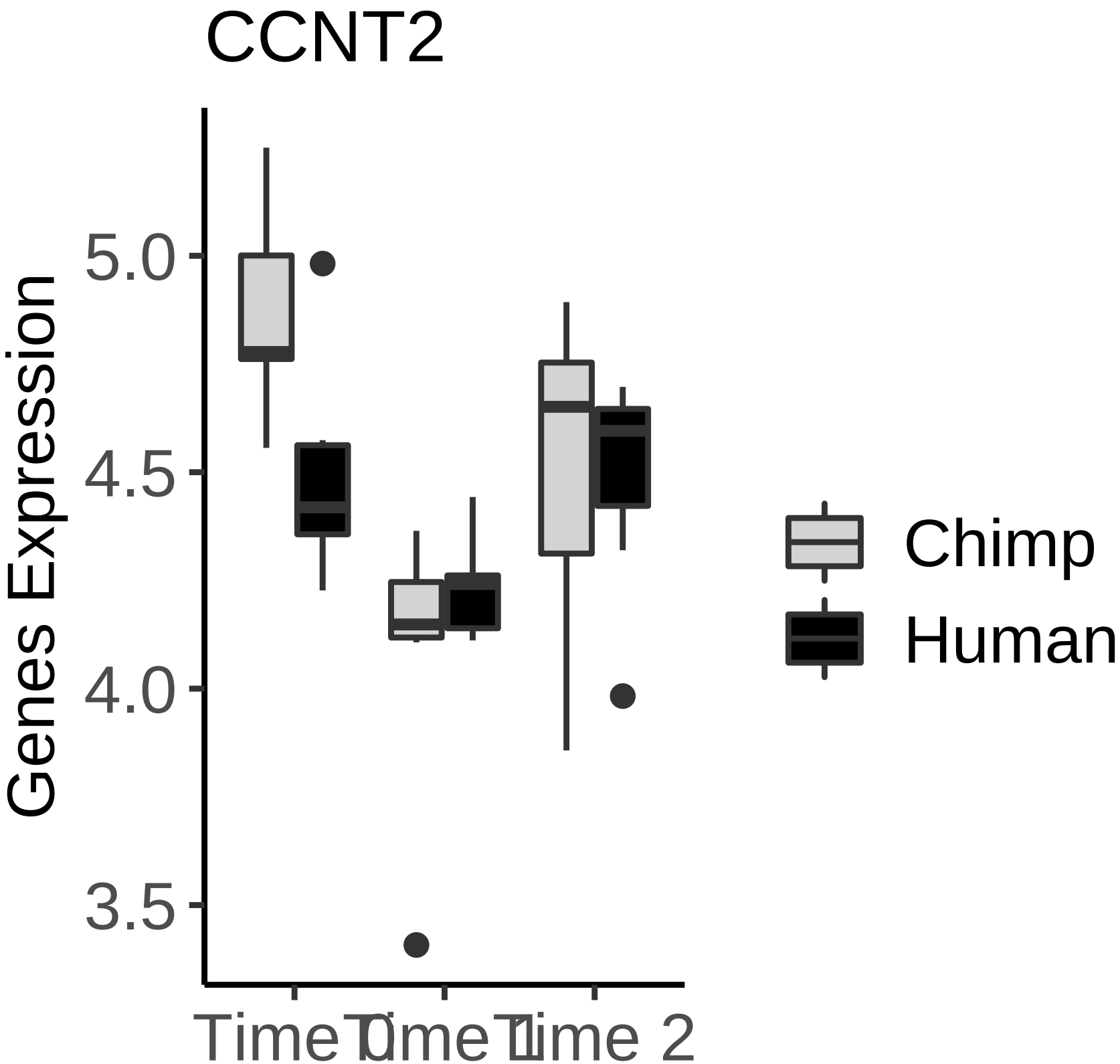
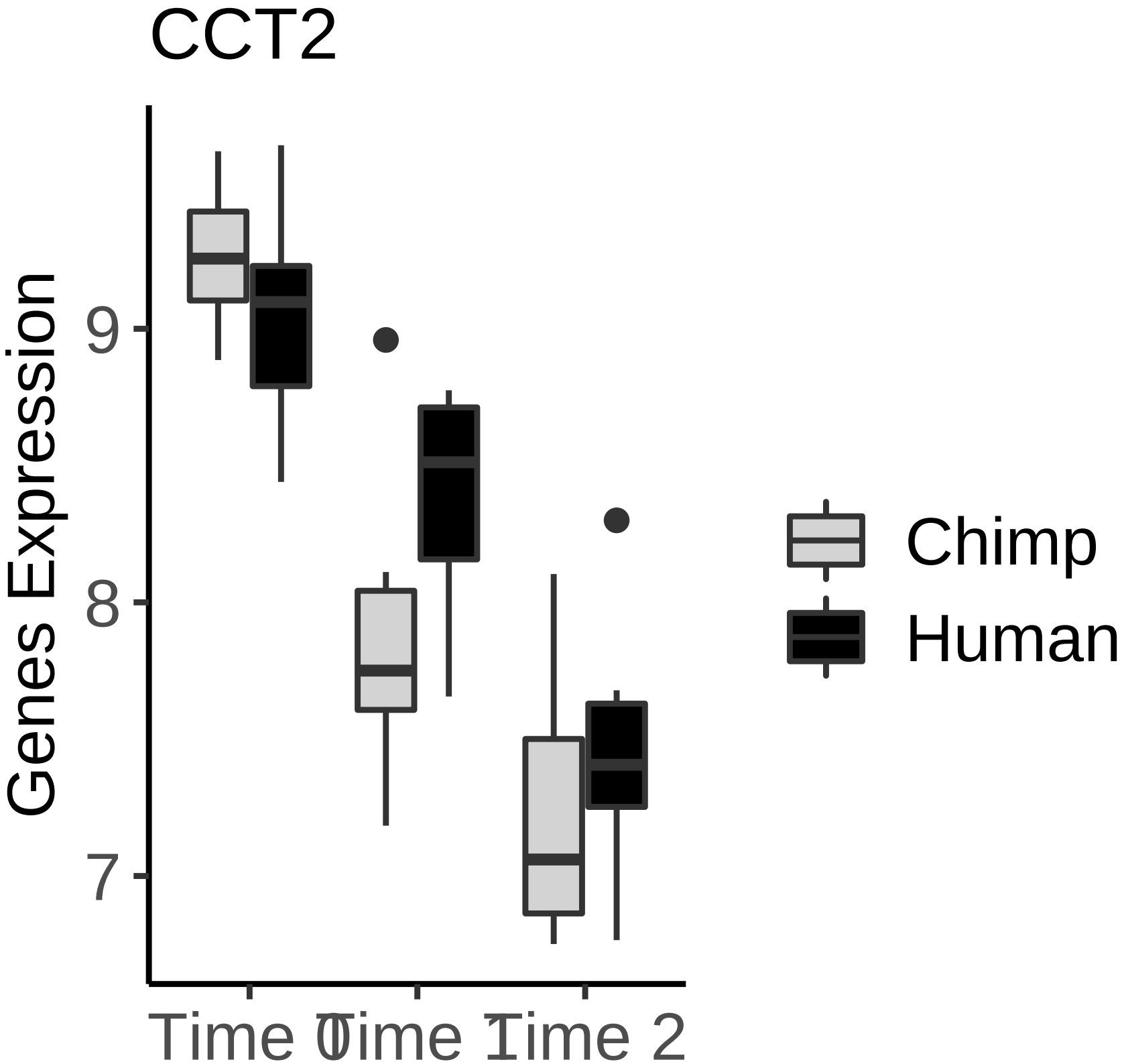
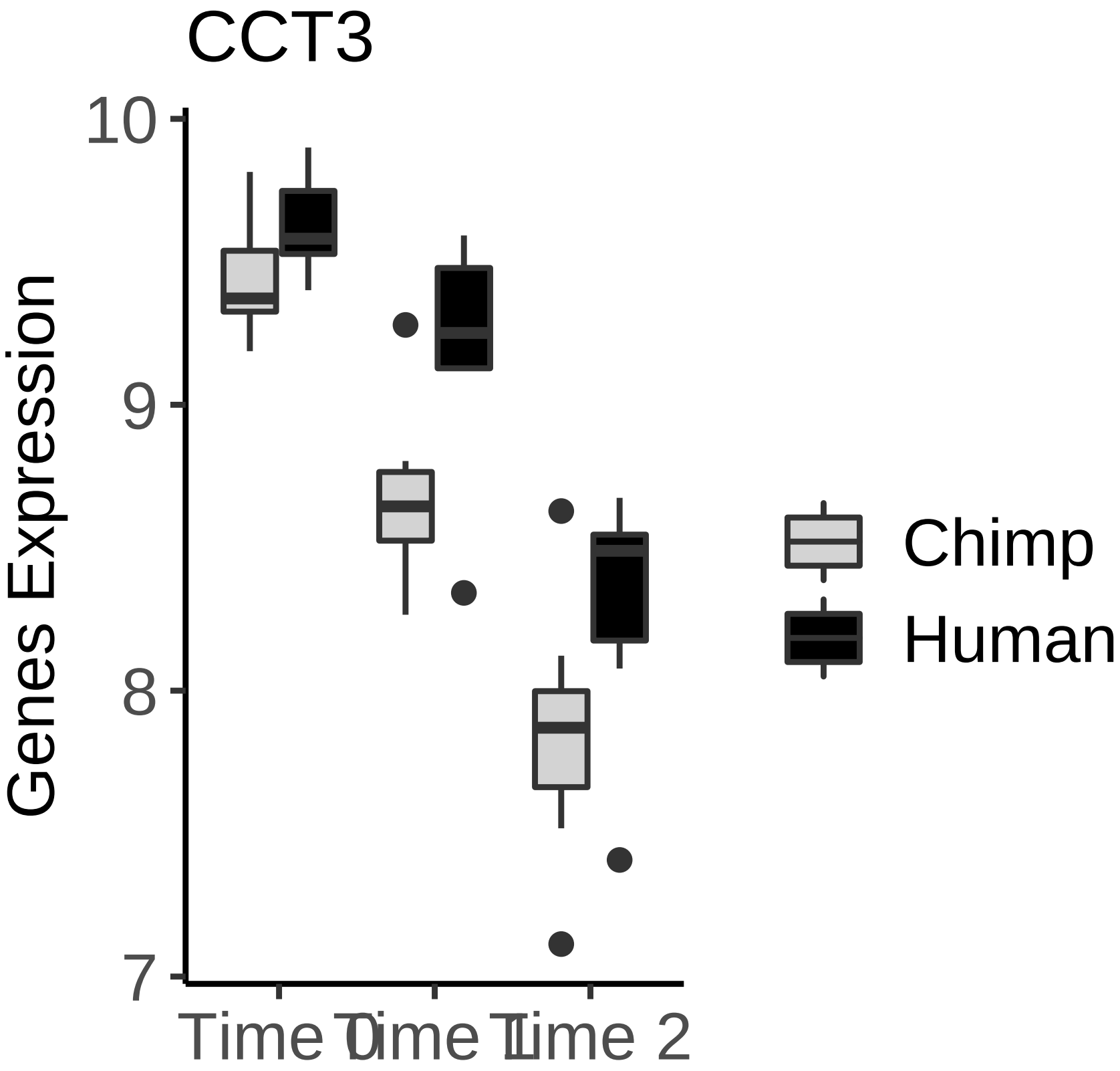
5.0
Time 0
Time 1
Time 2
Chimp
Human


CCNT2
Genes Expression
5.0
4.5
4.0
3.5
Time 0
Time 1
Time 2
Chimp
Human


CCT2
Genes Expression
9
8
7
Time 0
Time 1
Time 2
Chimp
Human


CCT3
Genes Expression
10
9
8
7
Time 0
Time 1
Time 2
Chimp
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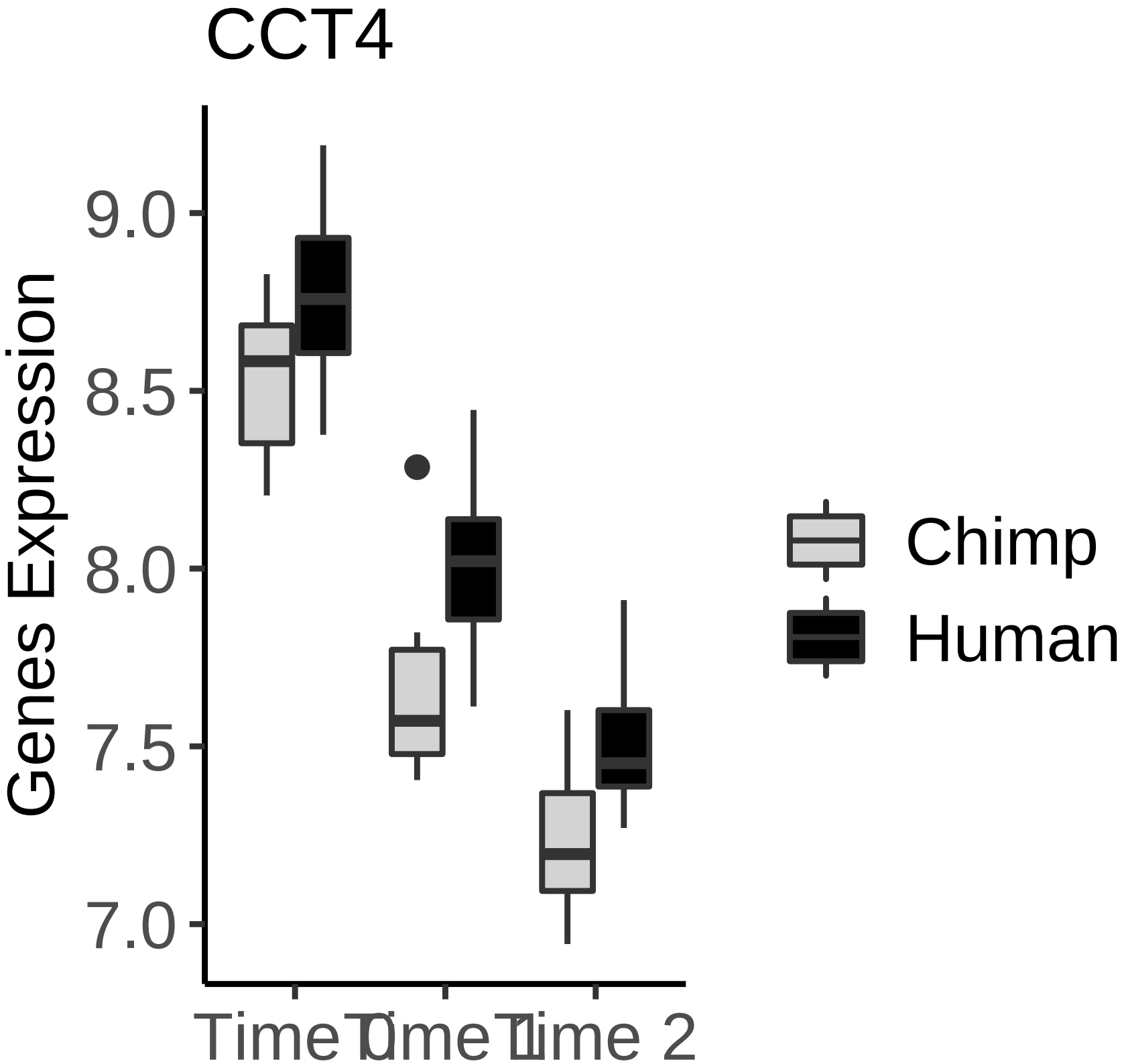
CCT4
Genes Expression
9.0
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7.5
7.0
Time 0
Time 1
Time 2
Chimp
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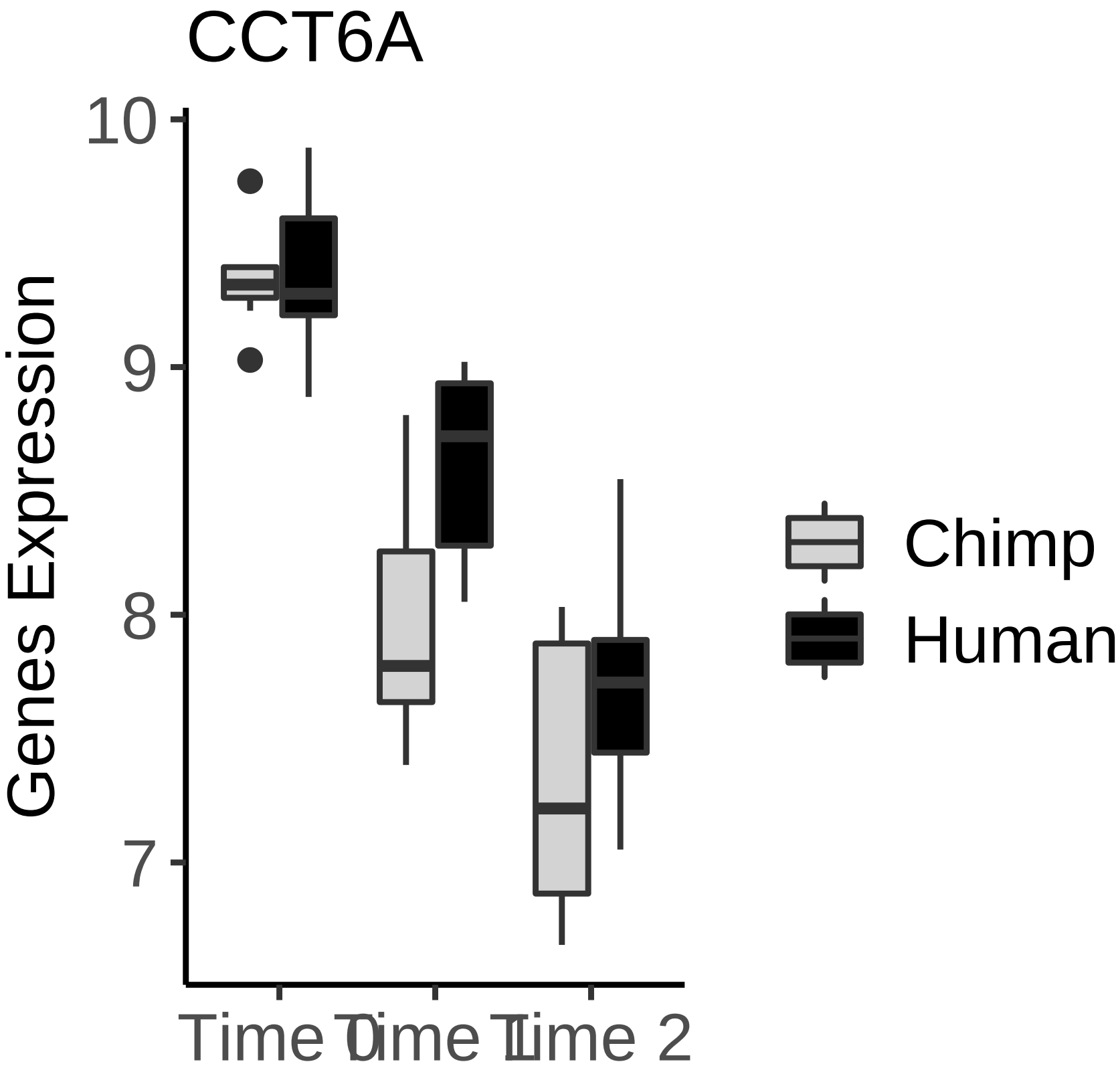
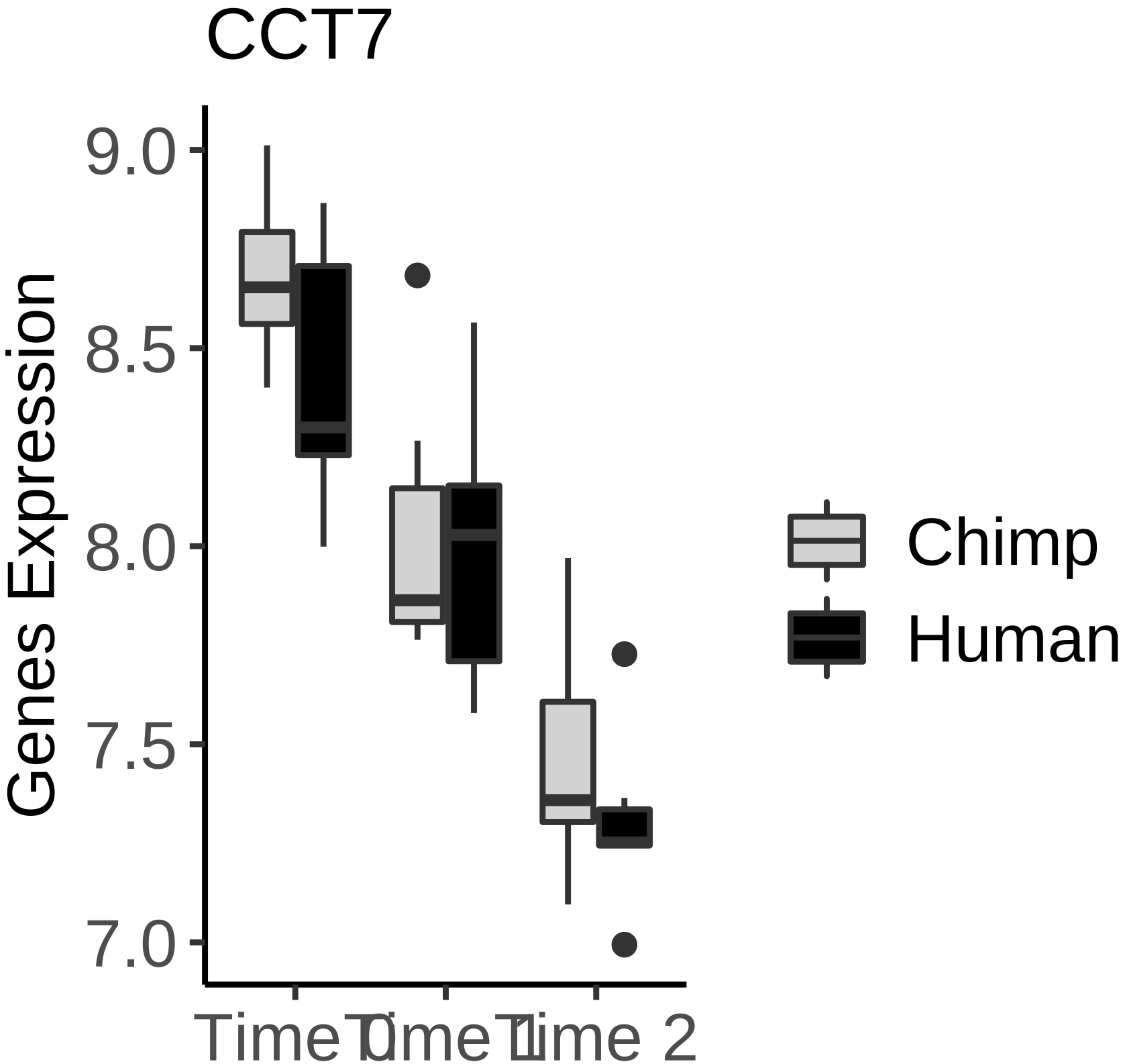

CCT6A
Genes Expression
10
9
8
7
Time 0
Time 1
Time 2
Chimp
Human


CCT7
Genes Expression
9.0
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7.0
Time 0
Time 1
Time 2
Chimp
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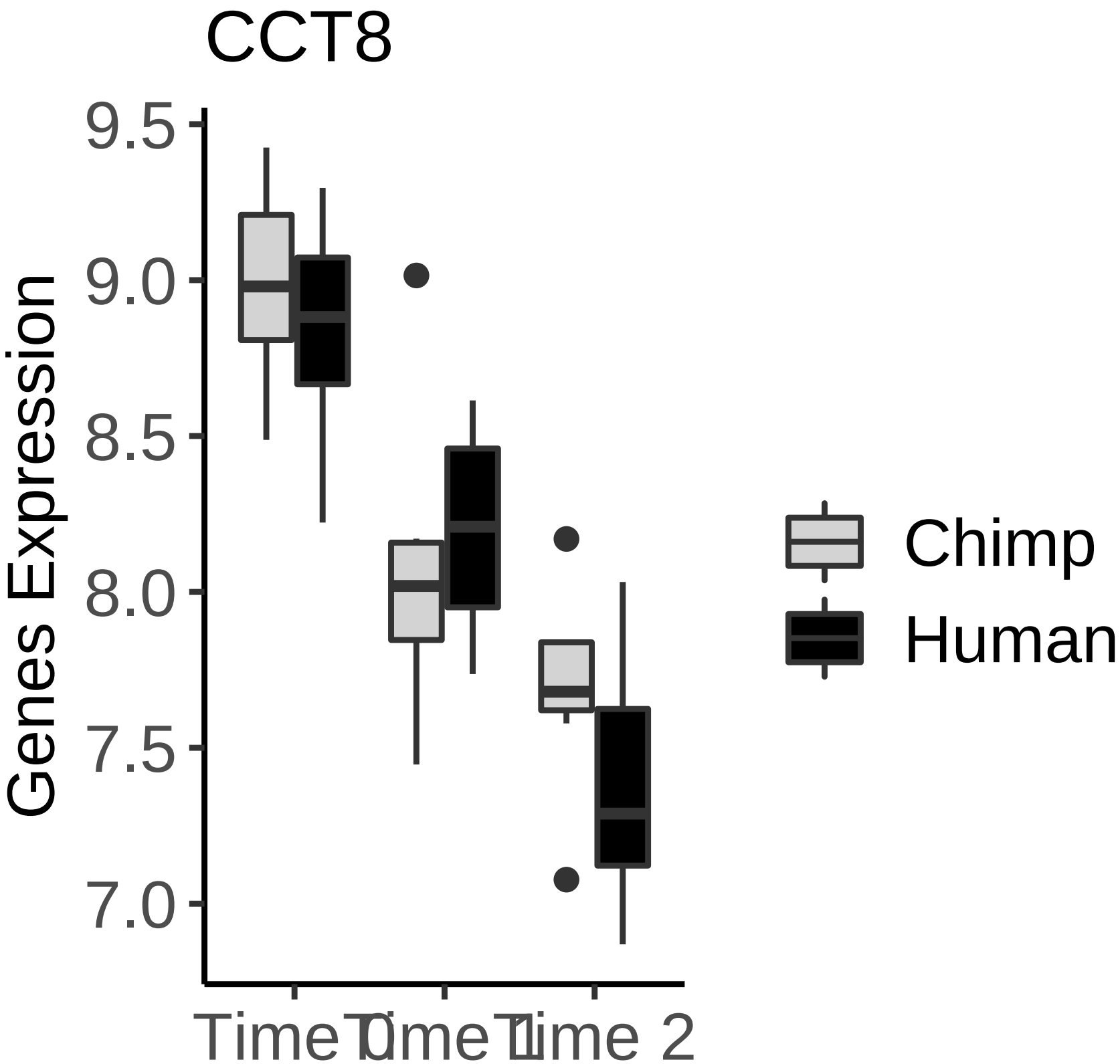
CCT8
Genes Expression
9.5
9.0
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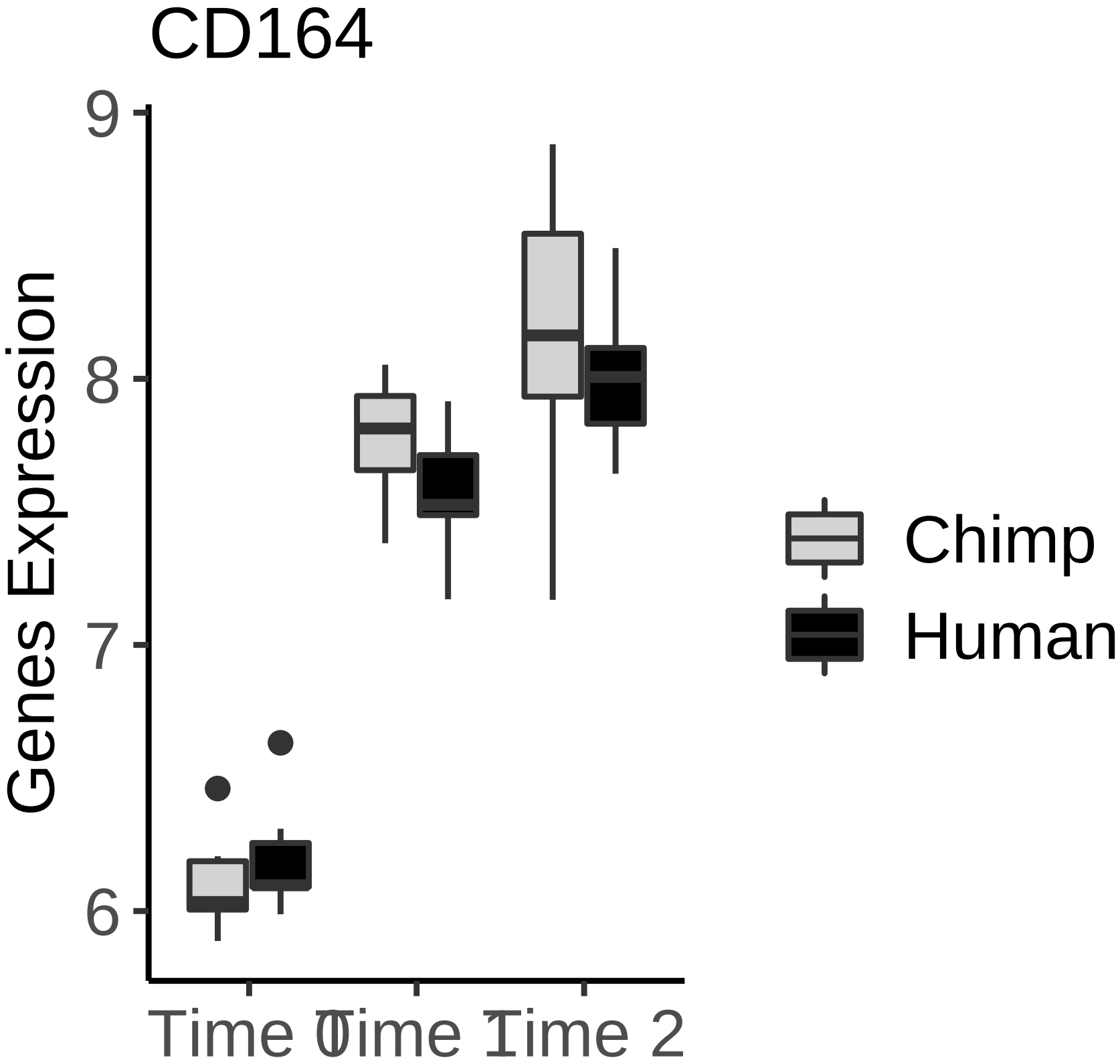
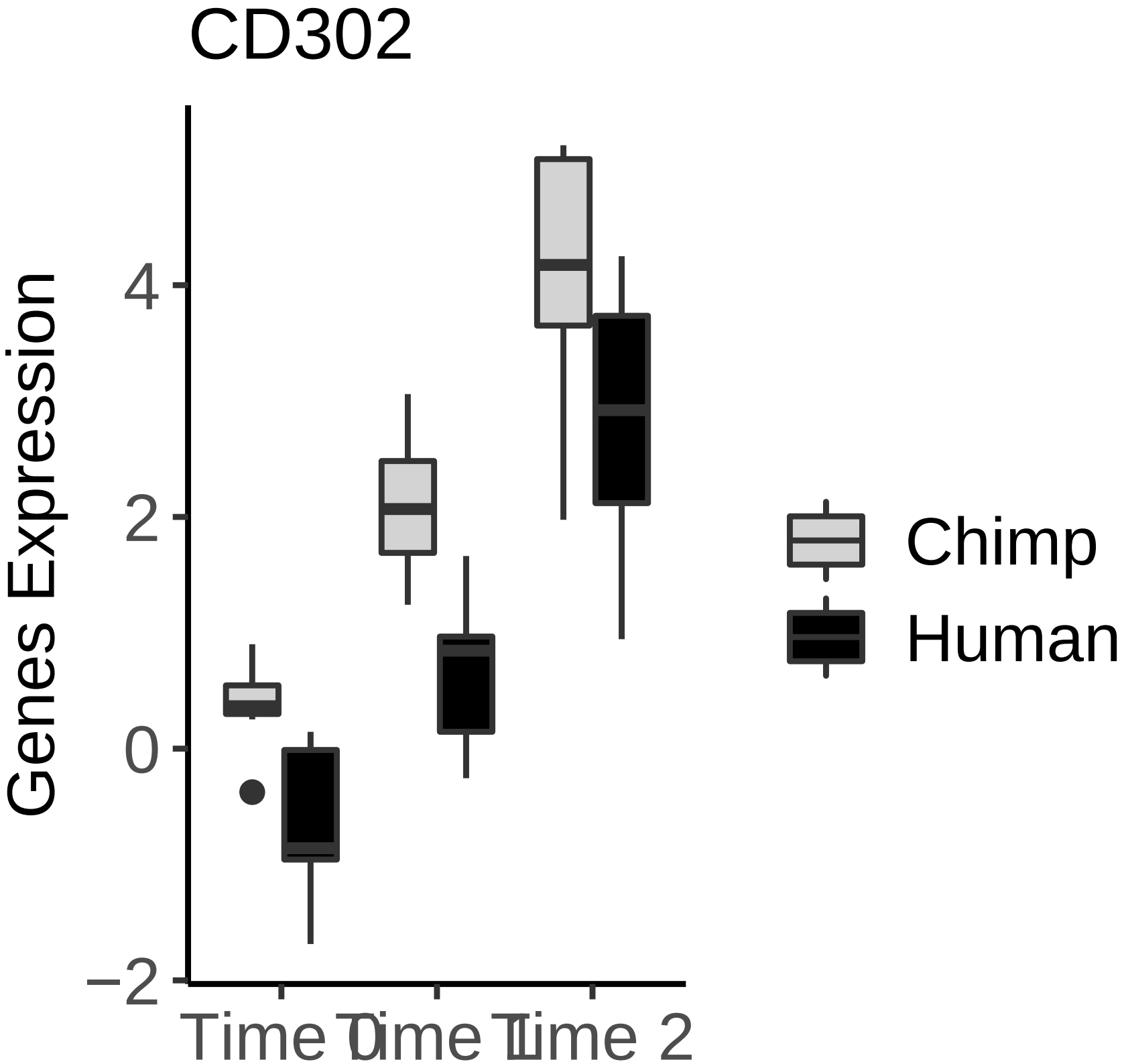
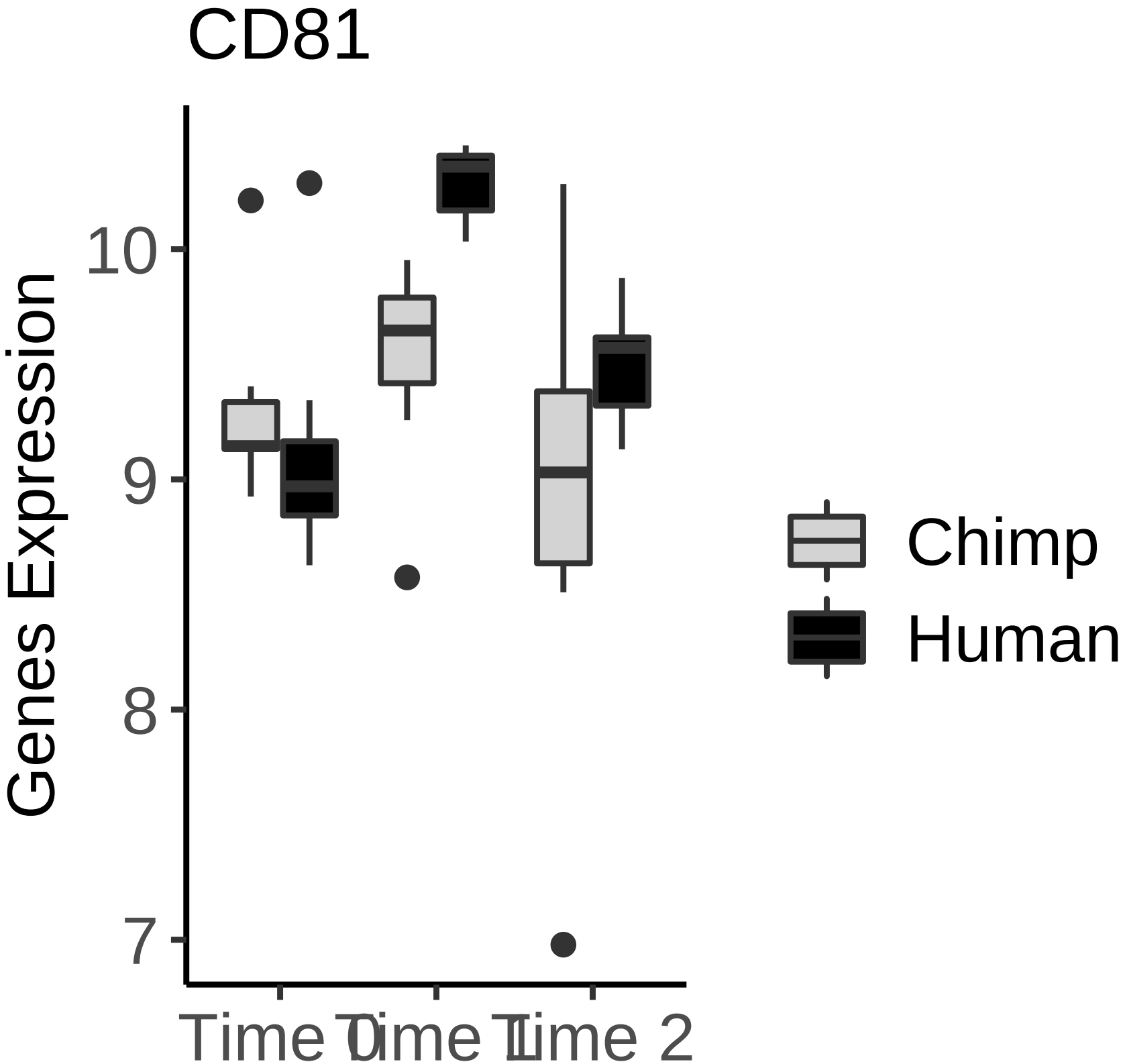
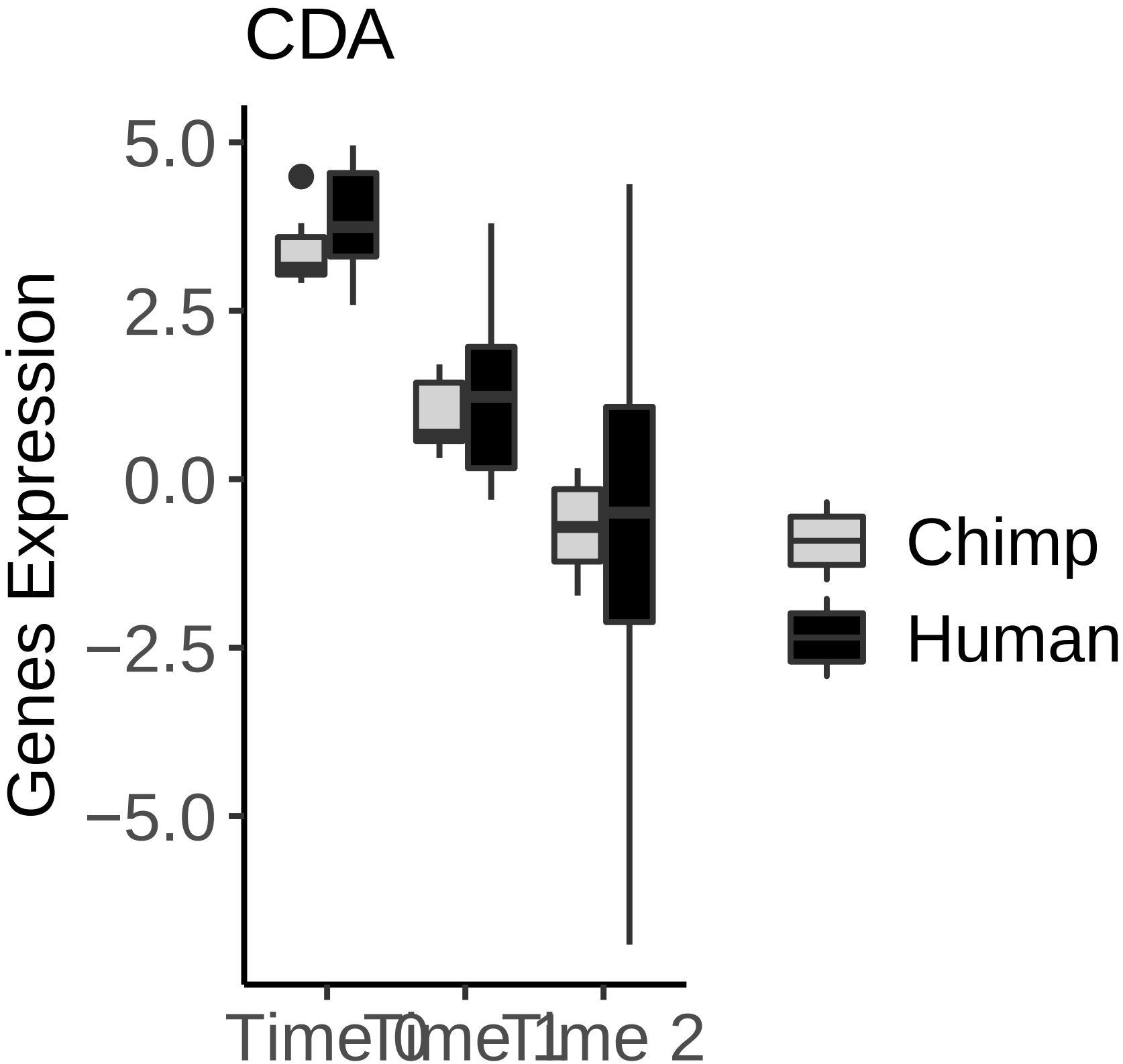
8.0
7.5
7.0
Time 0
Time 1
Time 2
Chimp
Human


CD164
Genes Expression
9
8
7
6
Time 0
Time 1
Time 2
Chimp
Human


CD302
Genes Expression
4
2
0
−2
Time 0
Time 1
Time 2
Chimp
Human


CD81
Genes Expression
10
9
8
7
Time 0
Time 1
Time 2
Chimp
Human


CDA
Genes Expression
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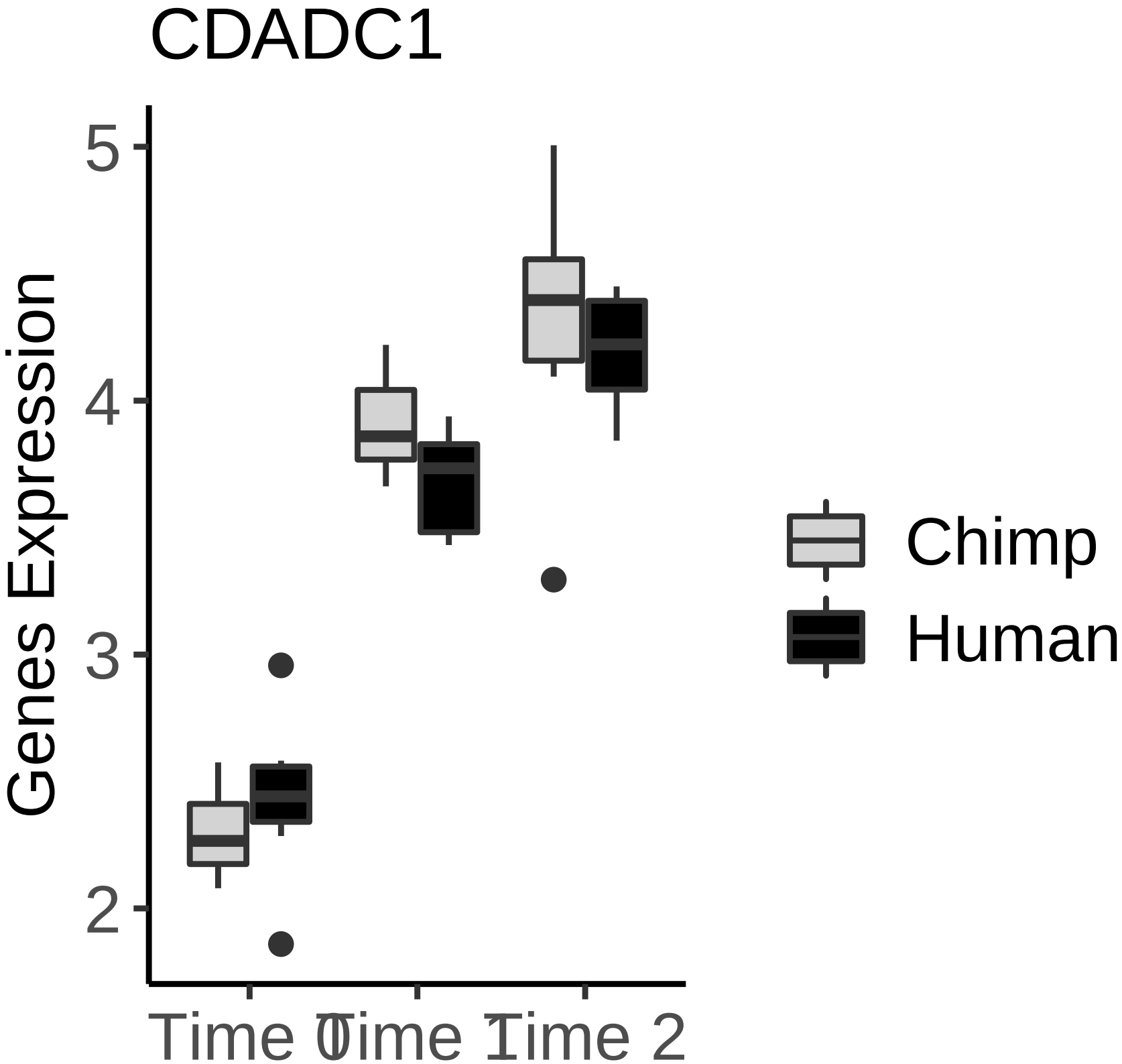
−5.0
Time 0
Time 1
Time 2
Chimp
Human


CDADC1
Genes Expression
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3
2
Time 0
Time 1
Time 2
Chimp
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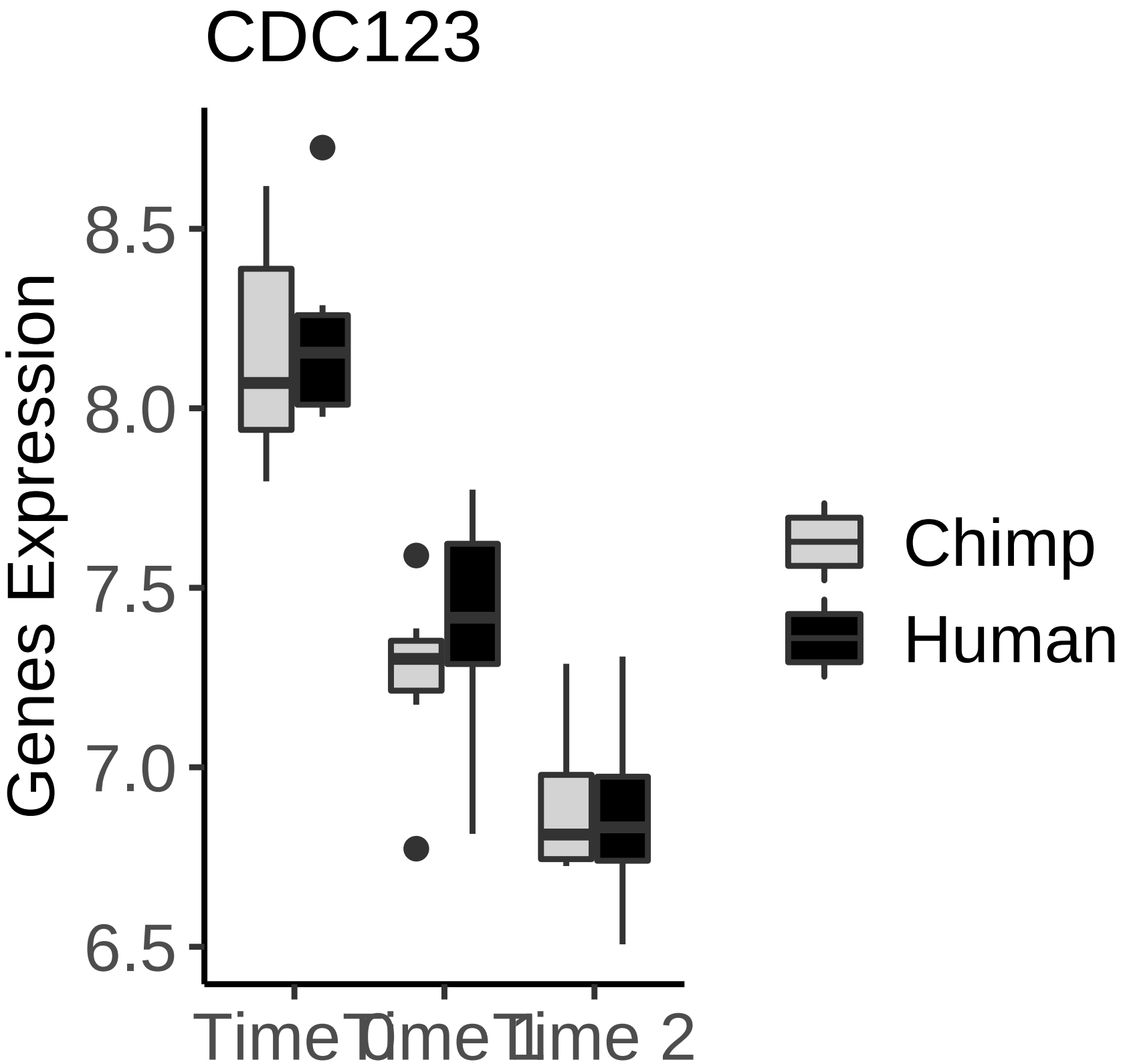
CDC123
Genes Expression
8.5
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7.0
6.5
Time 0
Time 1
Time 2
Chimp
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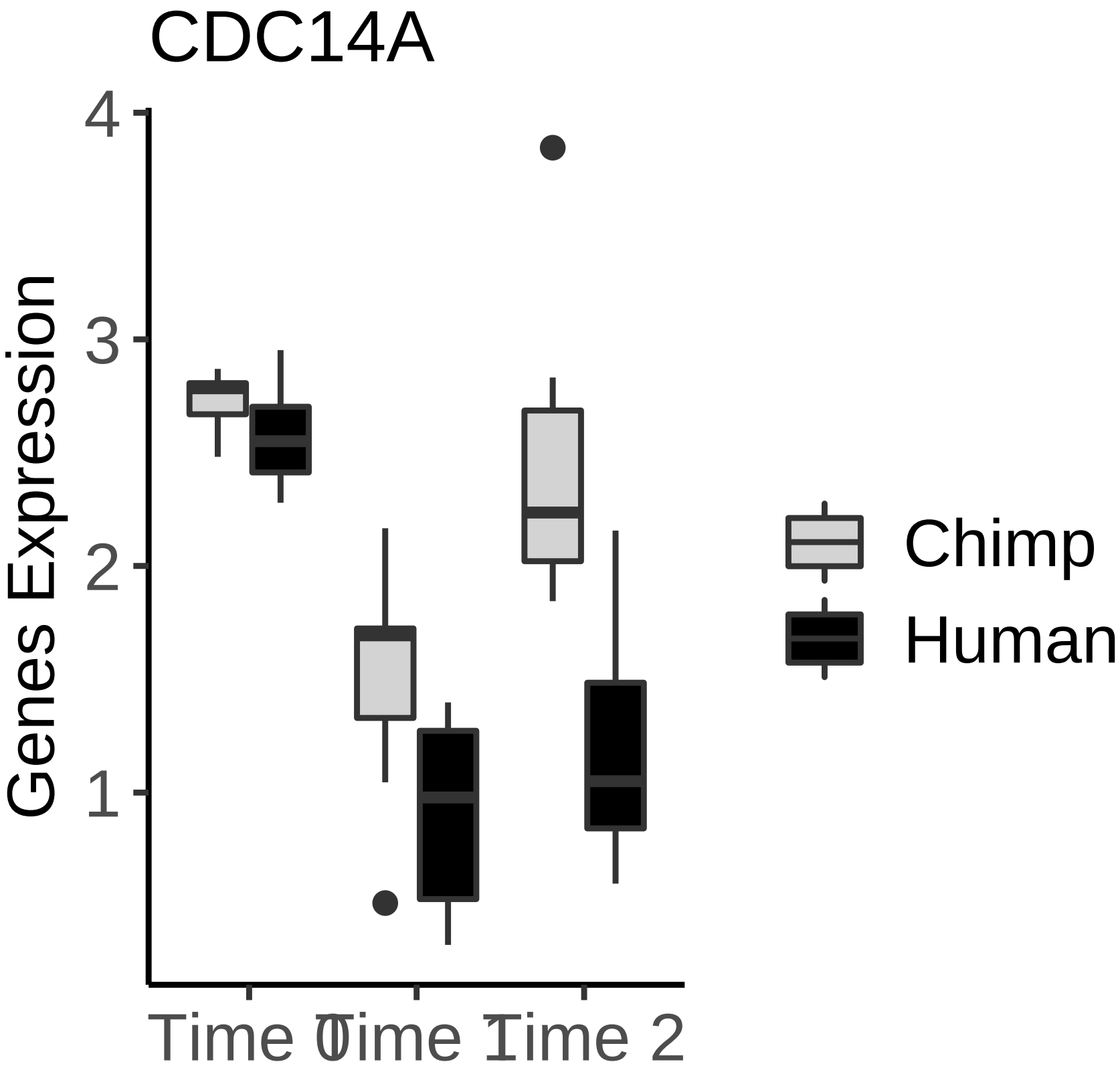
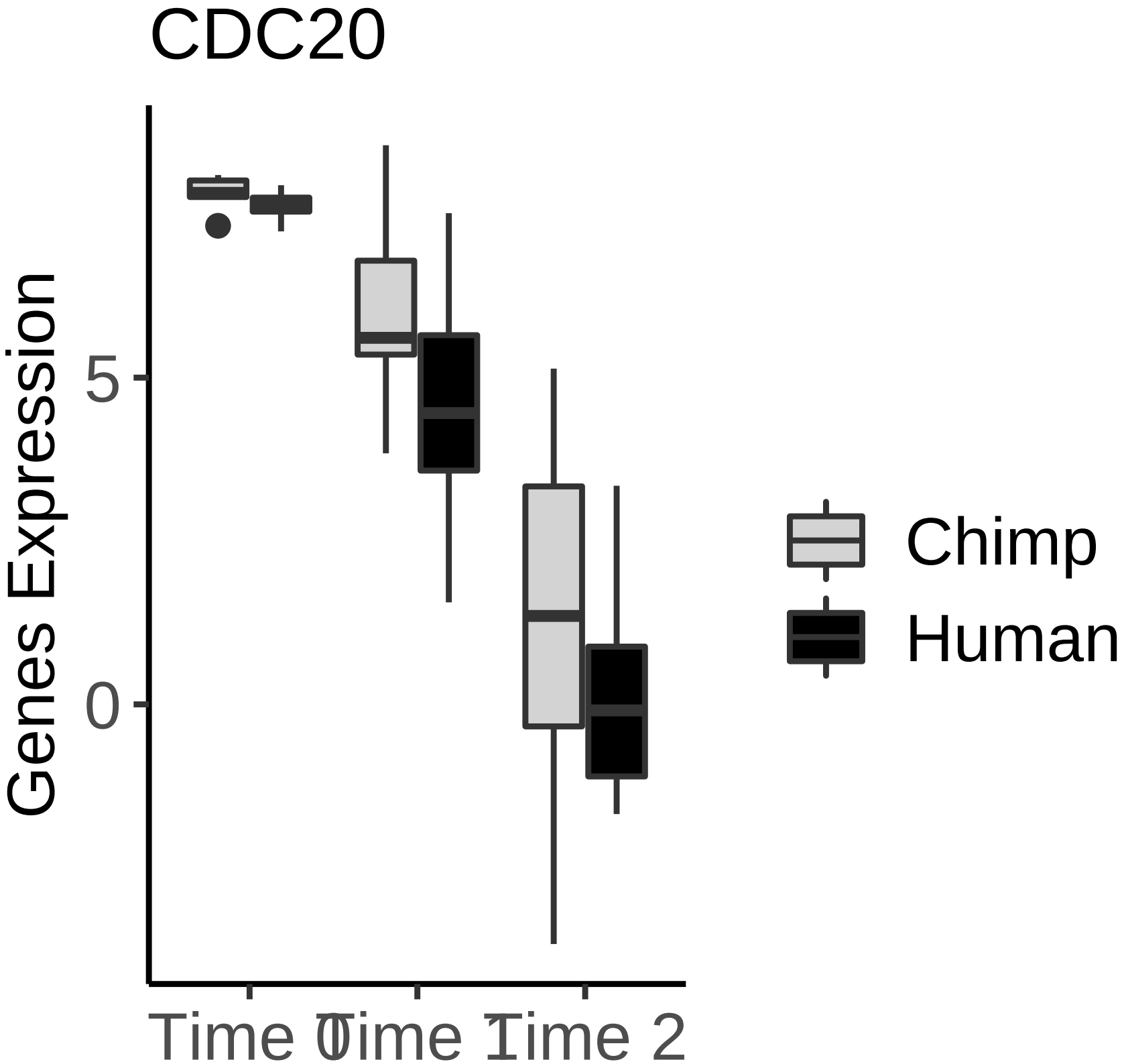
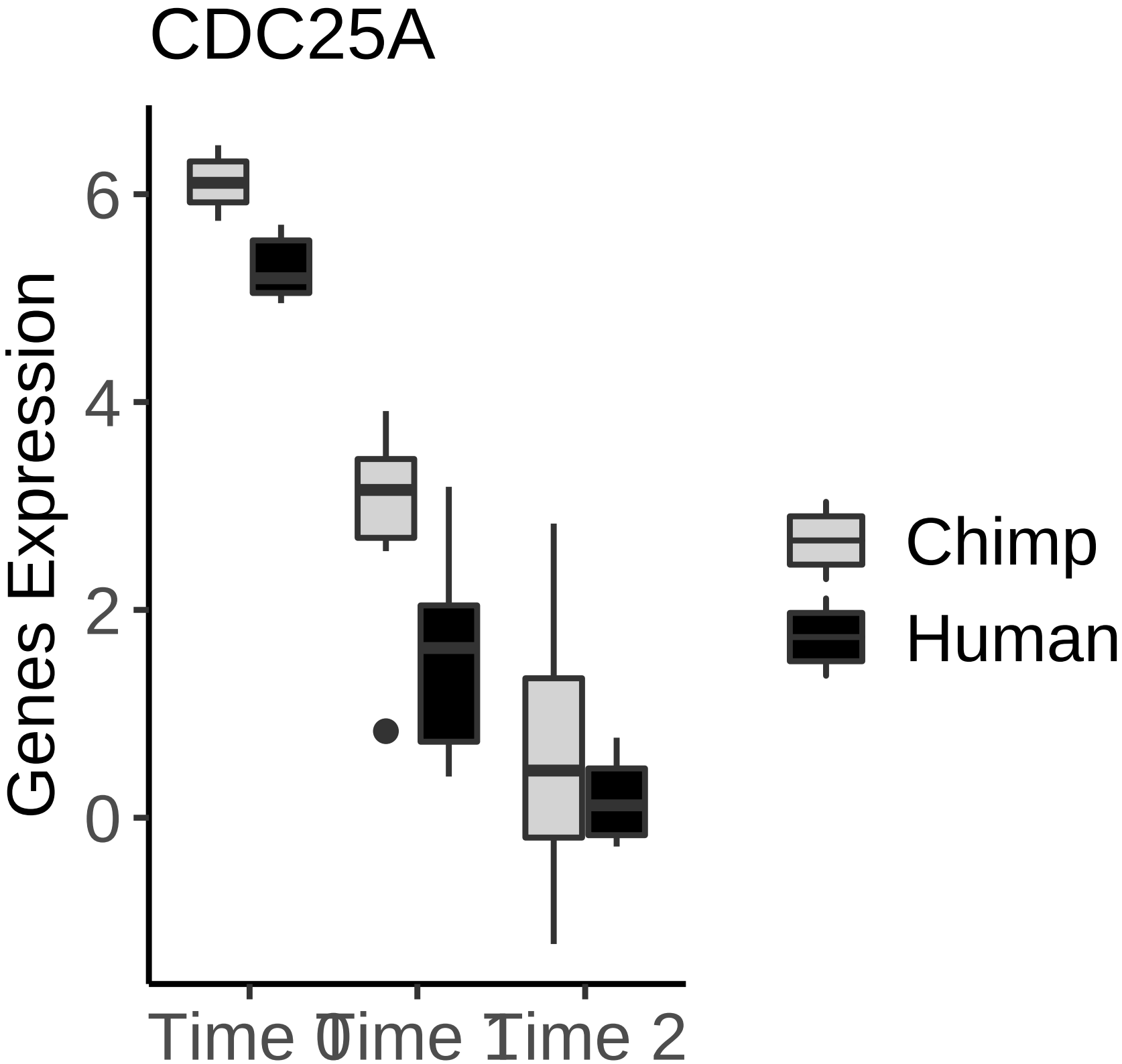
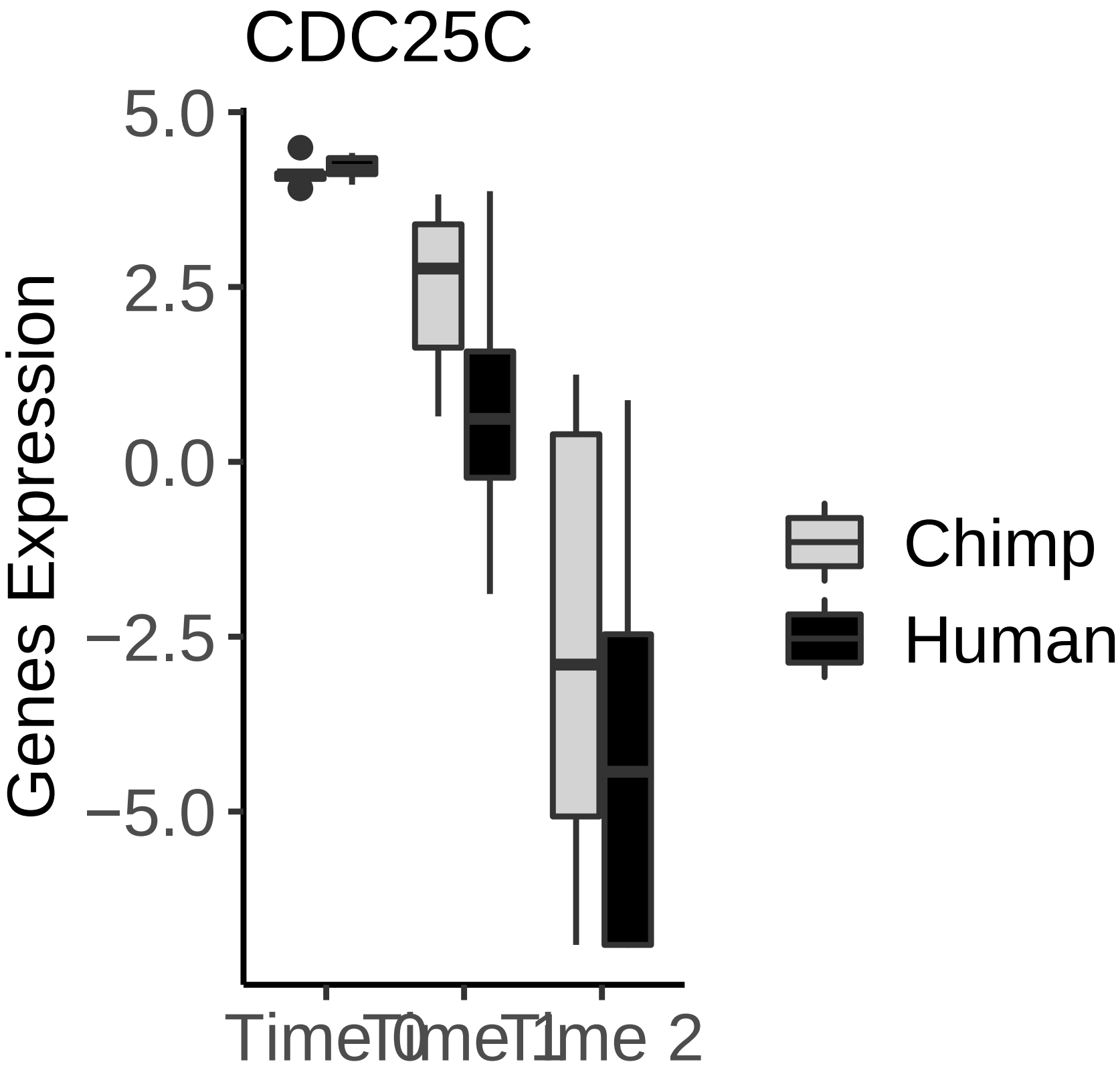

CDC14A
Genes Expression
4
3
2
1
Time 0
Time 1
Time 2
Chimp
Human


CDC20
Genes Expression
5
0
Time 0
Time 1
Time 2
Chimp
Human


CDC25A
Genes Expression
6
4
2
0
Time 0
Time 1
Time 2
Chimp
Human


CDC25C
Genes Expression
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0.0
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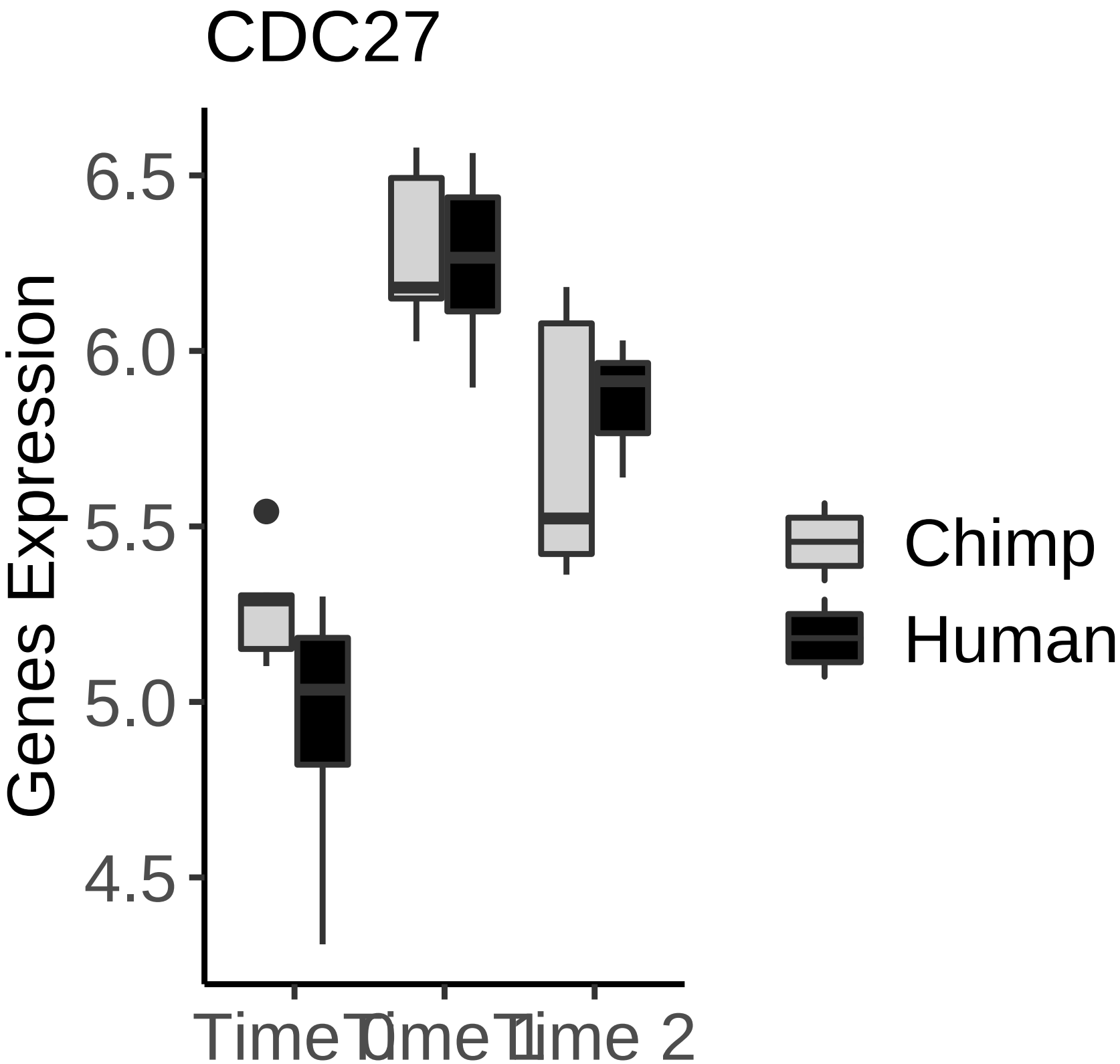
−5.0
Time 0
Time 1
Time 2
Chimp
Human


CDC27
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6.5
6.0
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5.0
4.5
Time 0
Time 1
Time 2
Chimp
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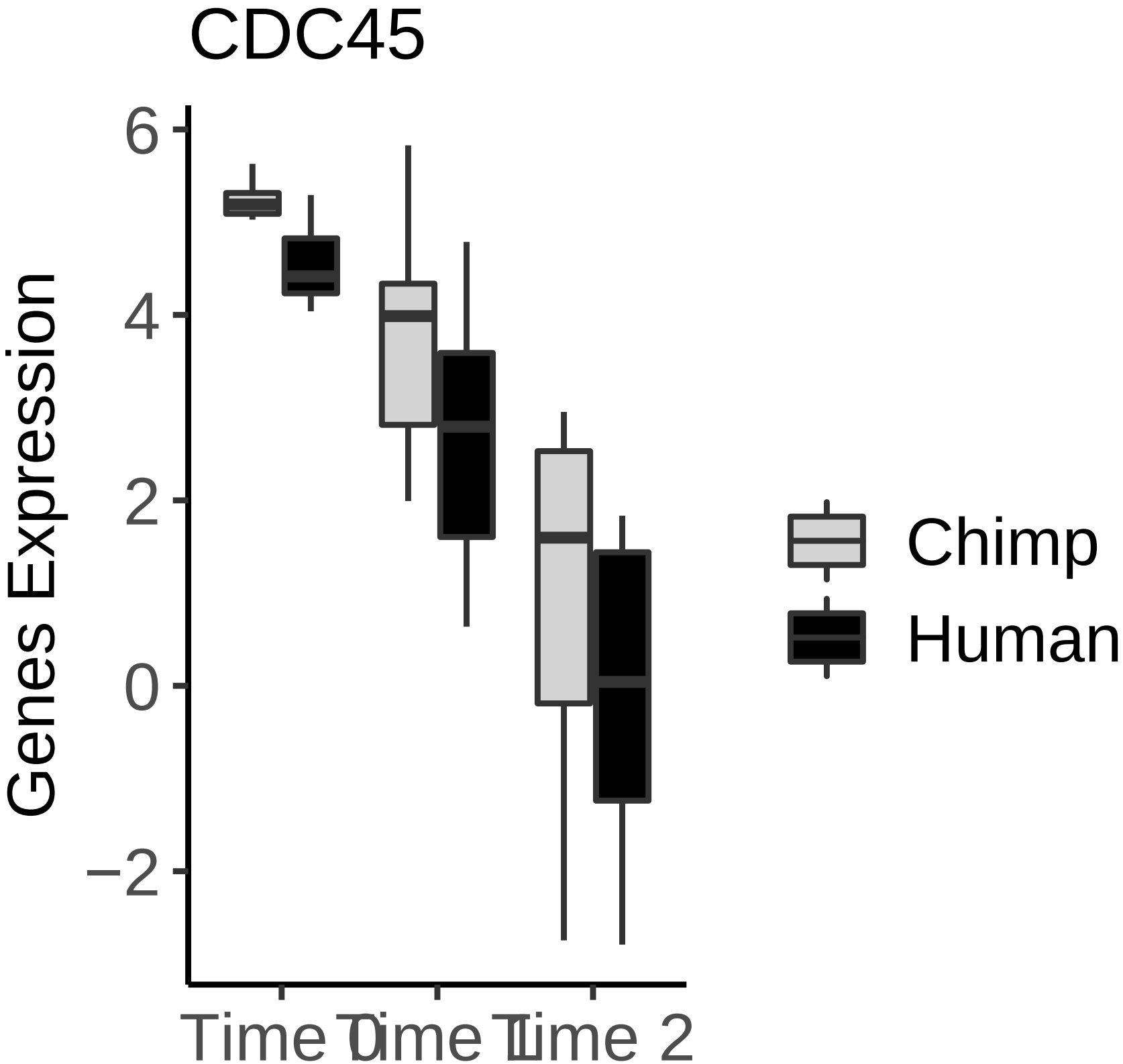
CDC45
Genes Expression
6
4
2
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−2
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Time 1
Time 2
Chimp
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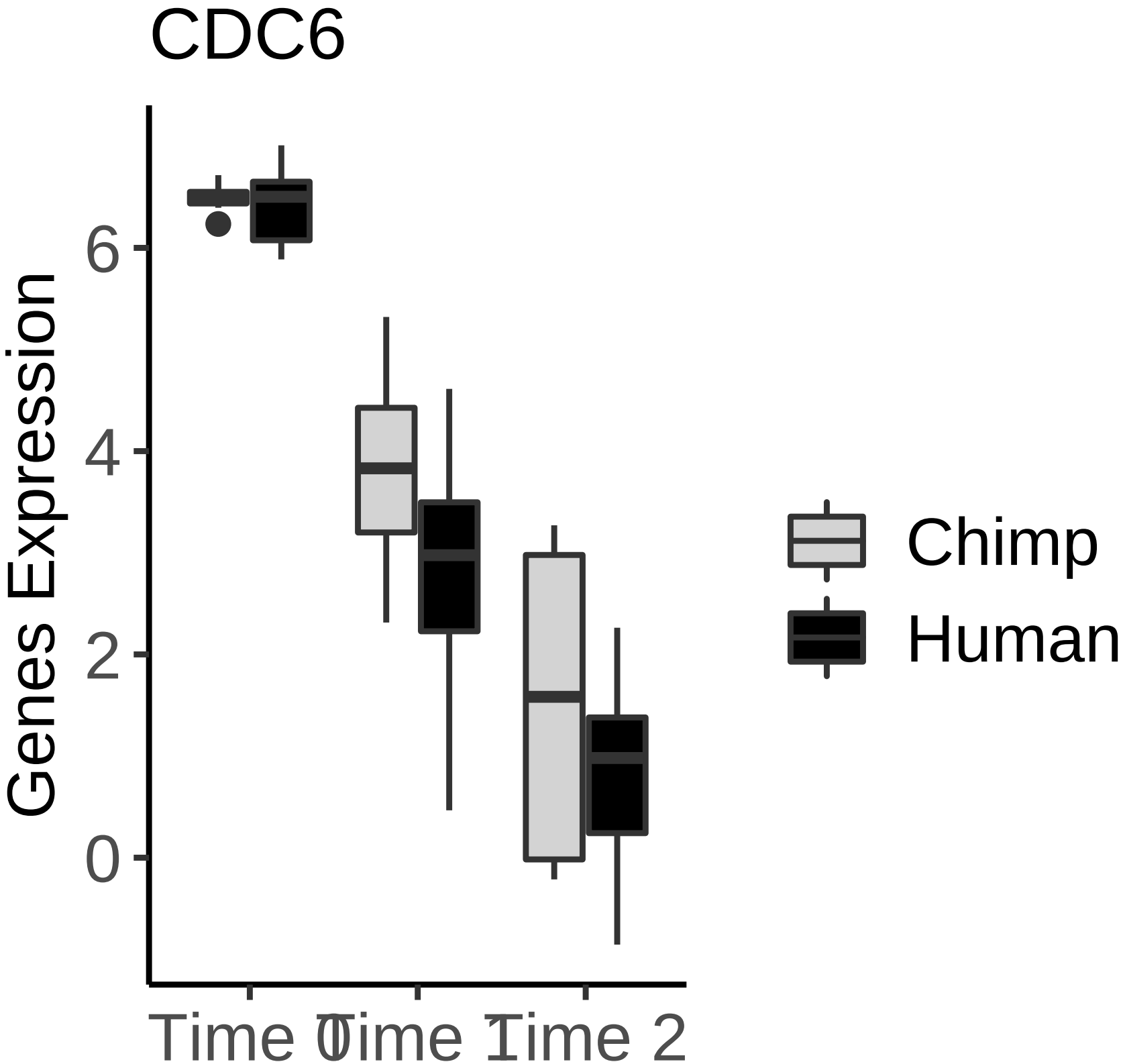
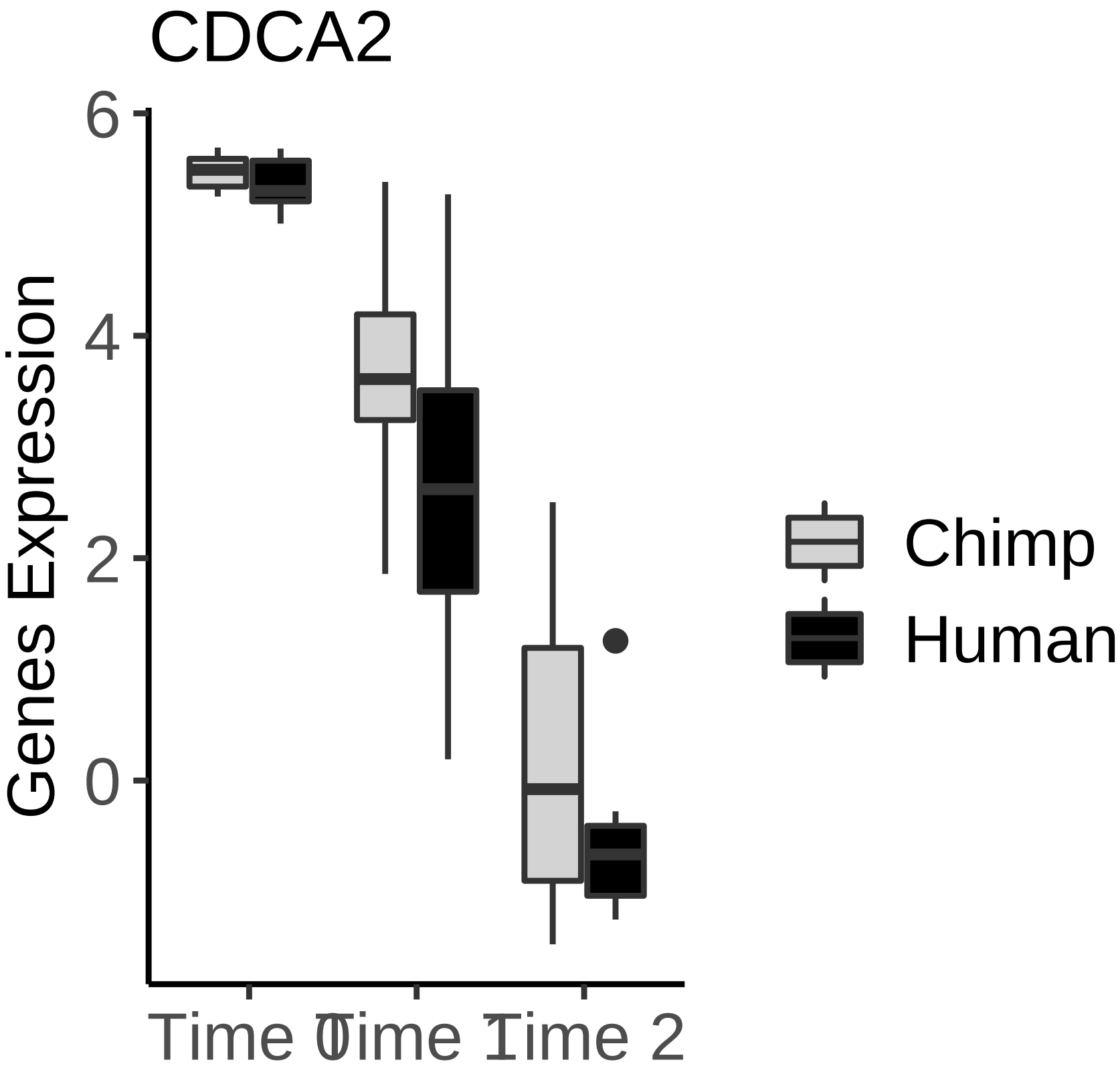

CDC6
Genes Expression
6
4
2
0
Time 0
Time 1
Time 2
Chimp
Human


CDCA2
Genes Expression
6
4
2
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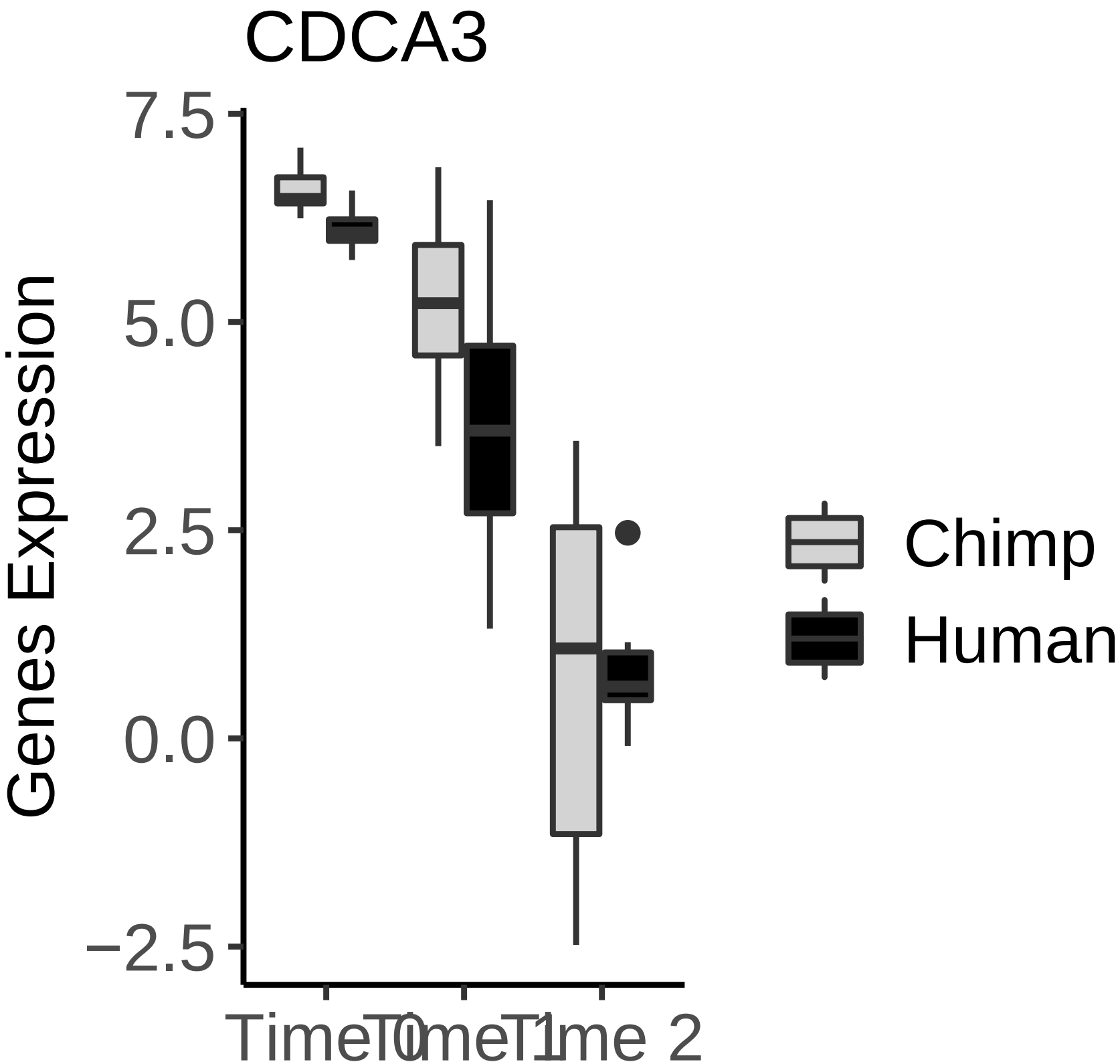
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
7.5
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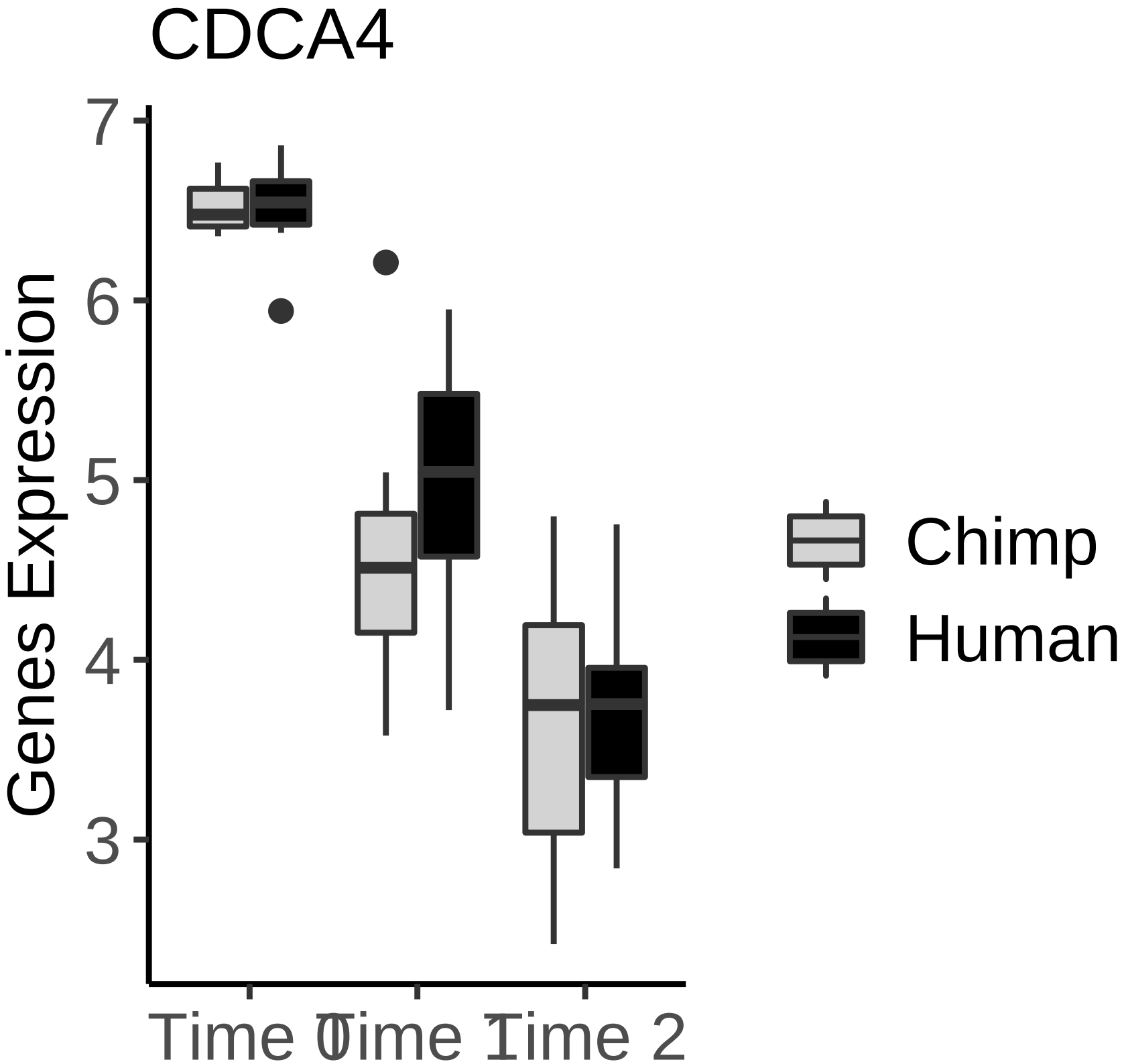
Time 0
Time 1
Time 2
Chimp
Human


CDCA4
Genes Expression
7
6
5
4
3
Time 0
Time 1
Time 2
Chimp
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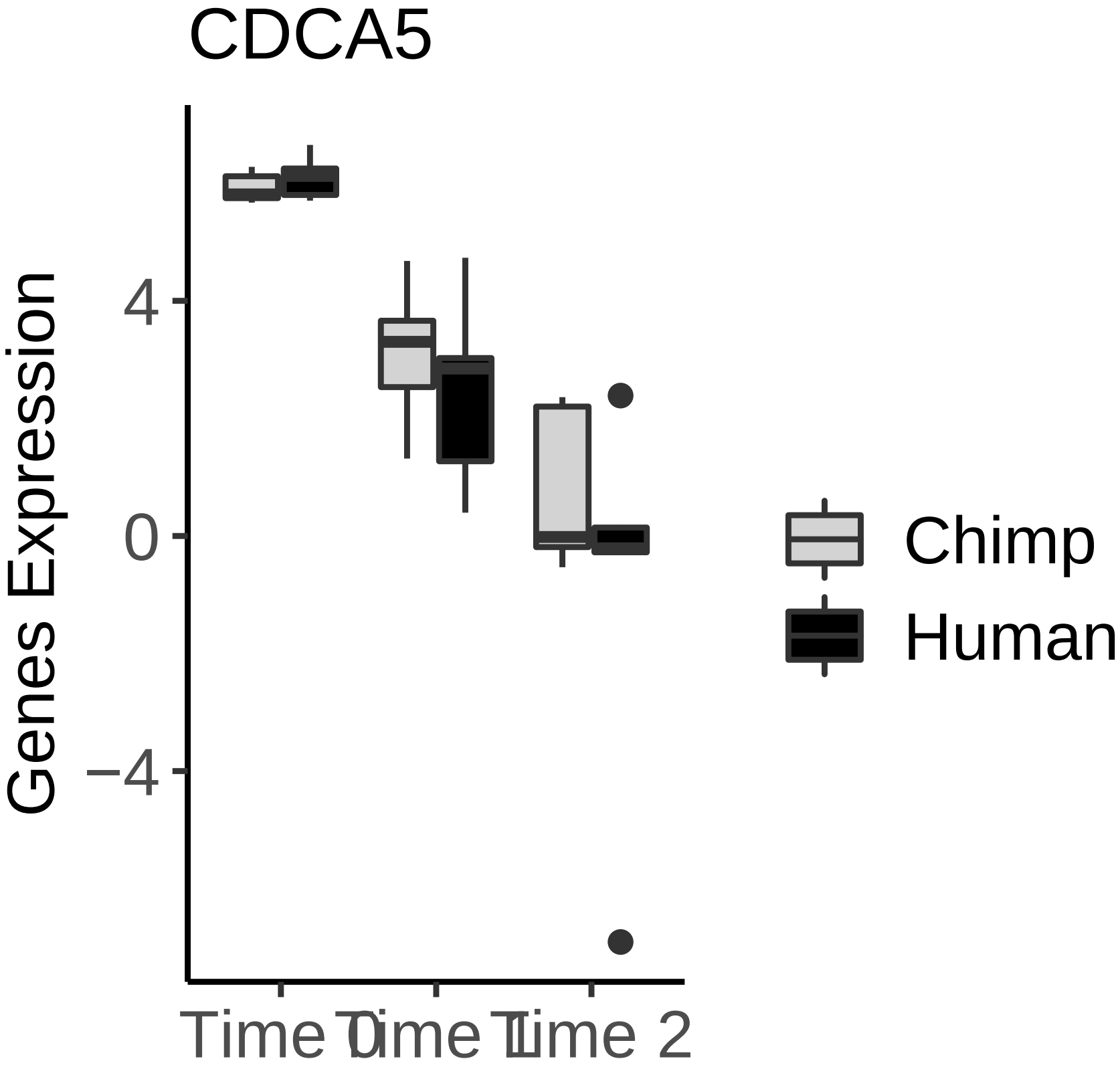
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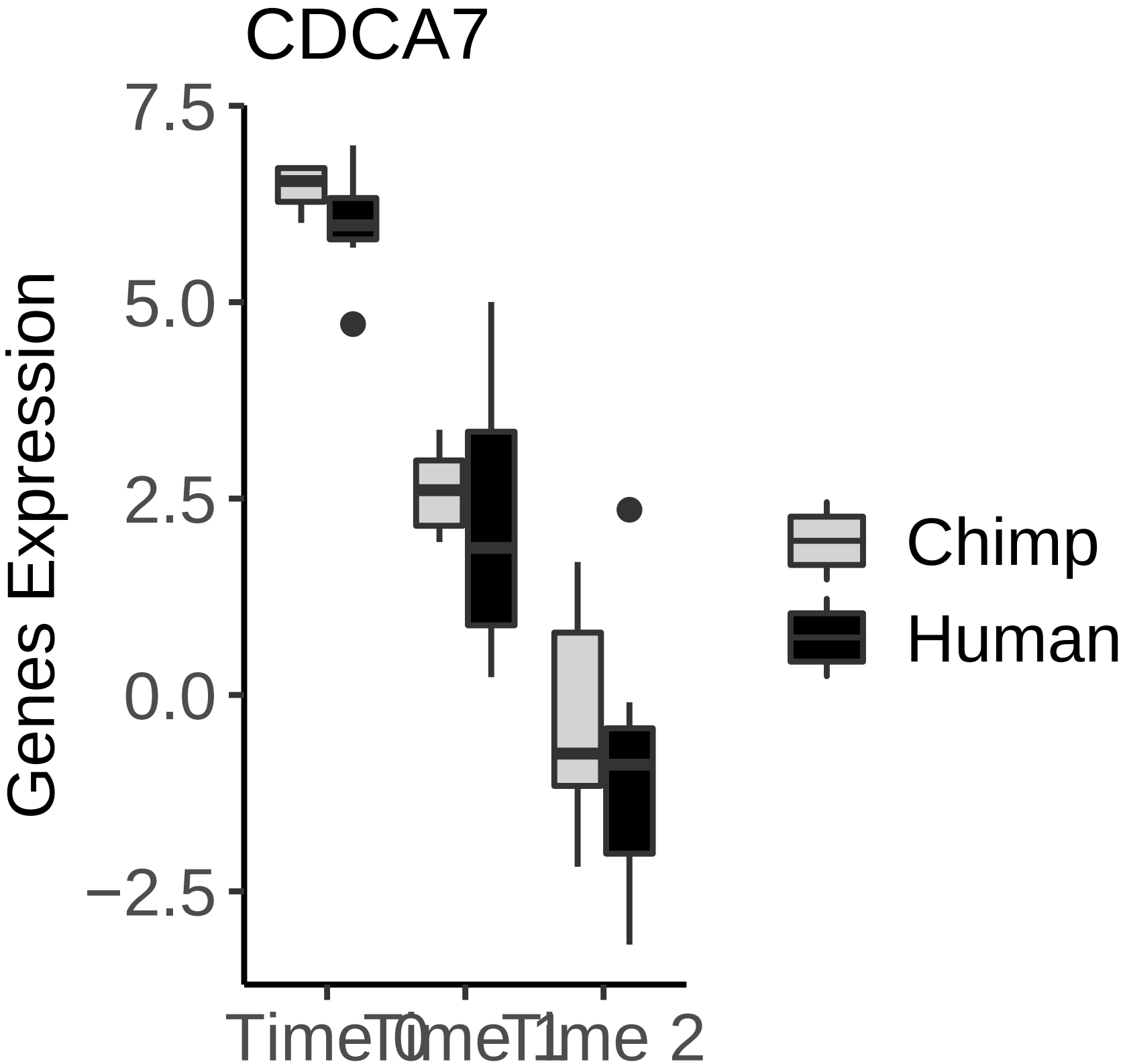
Genes Expression
4
0
−4
Time 0
Time 1
Time 2
Chimp
Human


CDCA7
Genes Expression
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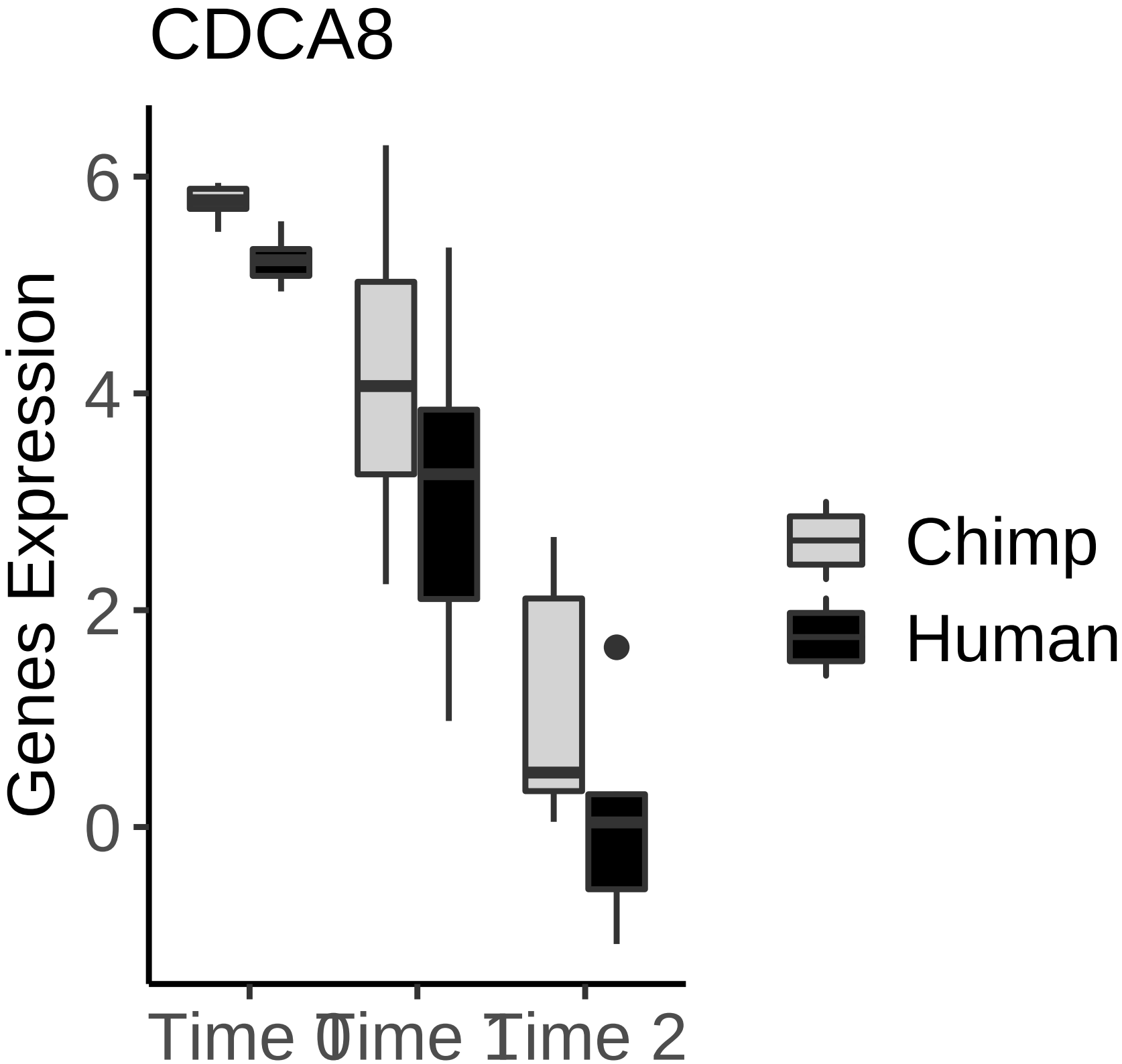
Time 0
Time 1
Time 2
Chimp
Human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4
2
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Time 0
Time 1
Time 2
Chimp
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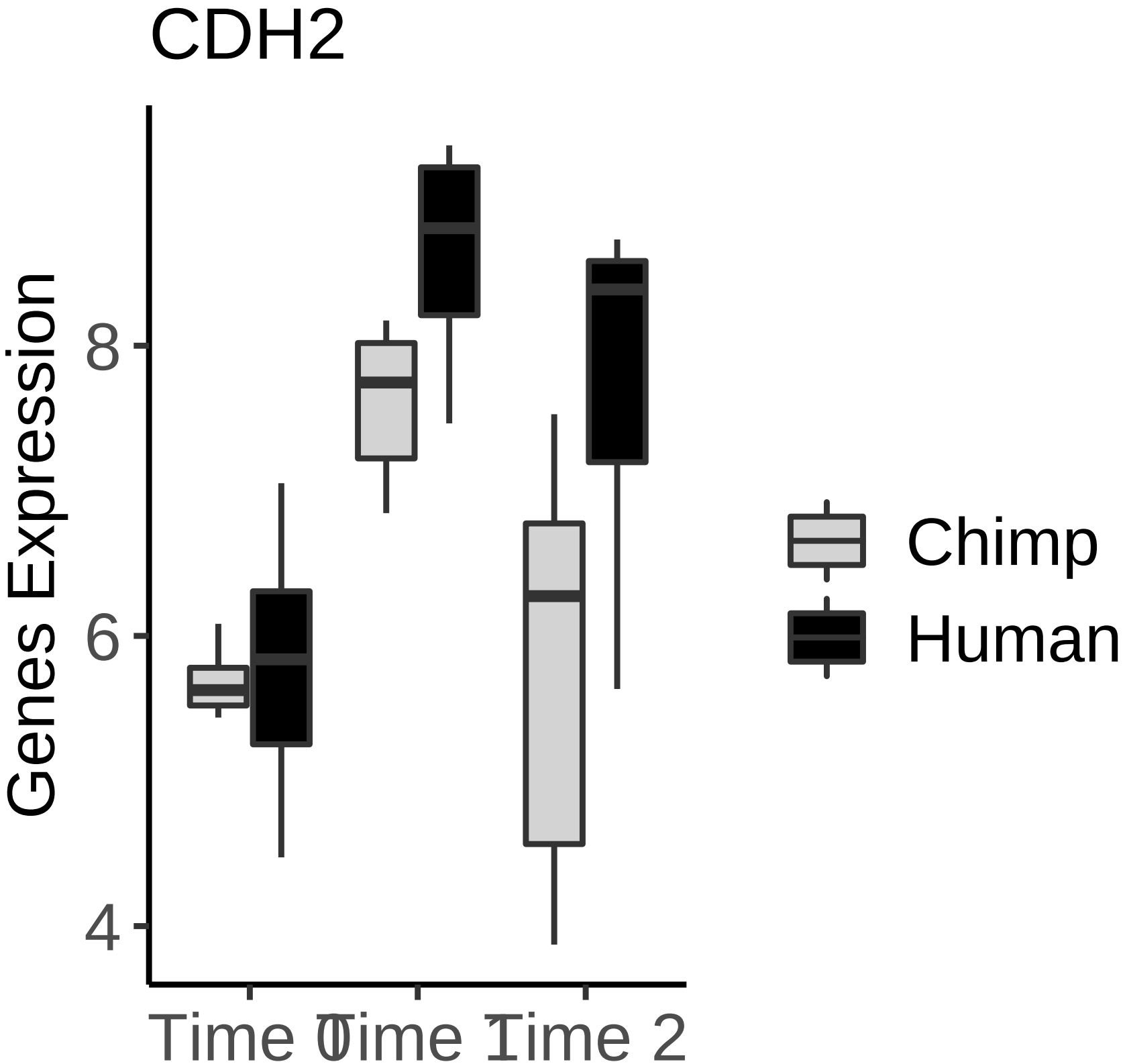
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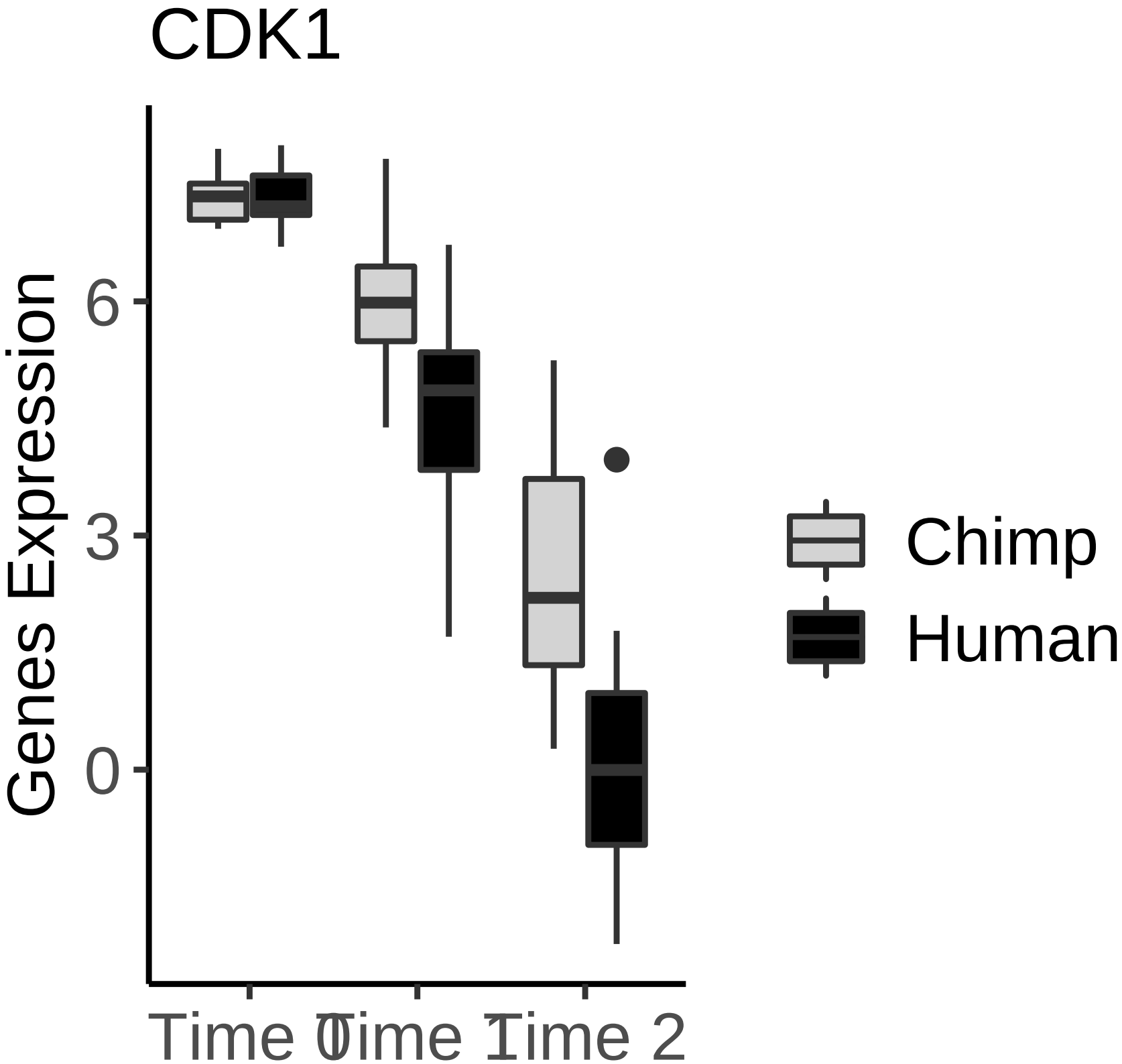
Genes Expression
8
6
4
Time 0
Time 1
Time 2
Chimp
Human


CDK1
Genes Expression
6
3
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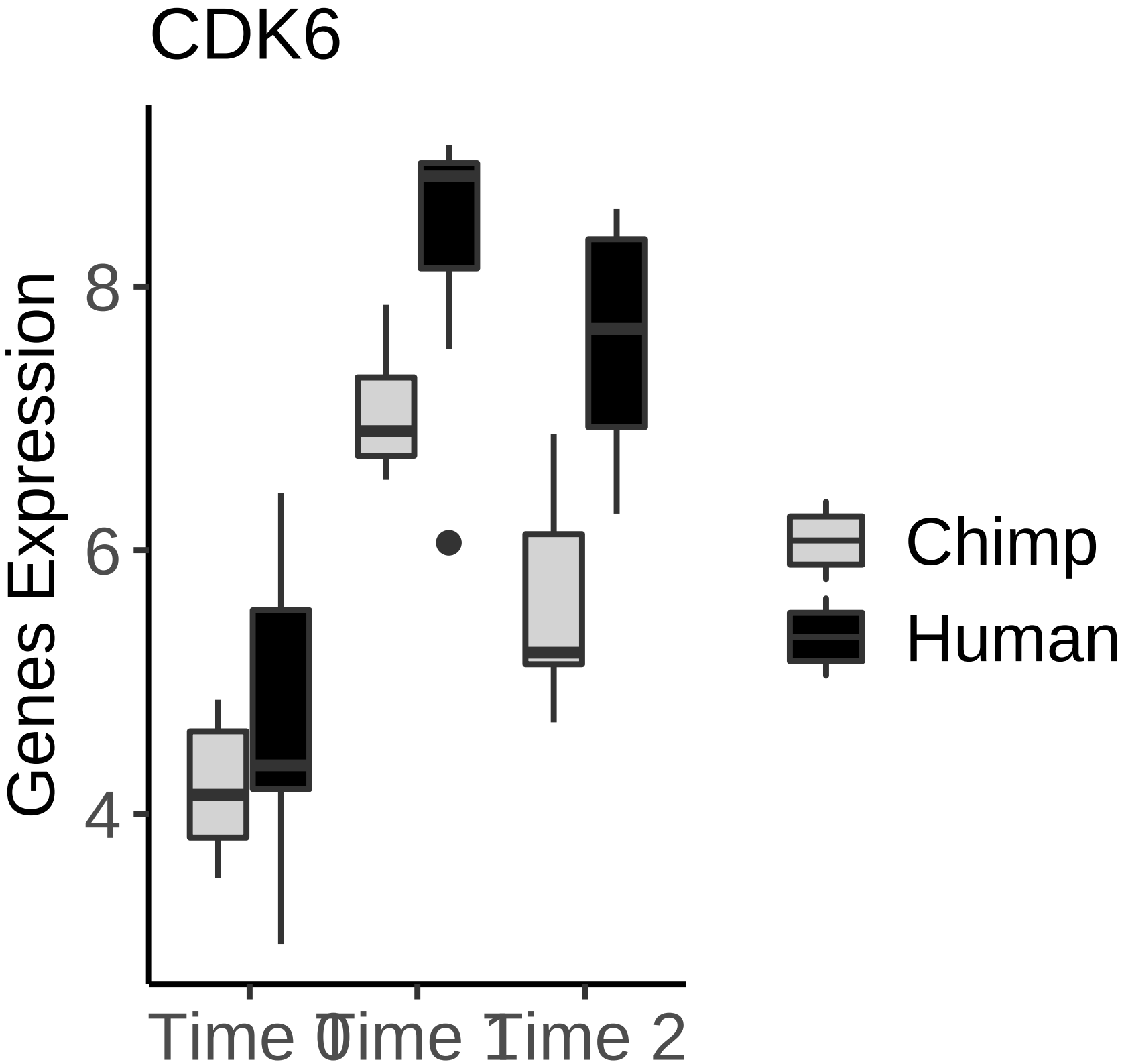
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
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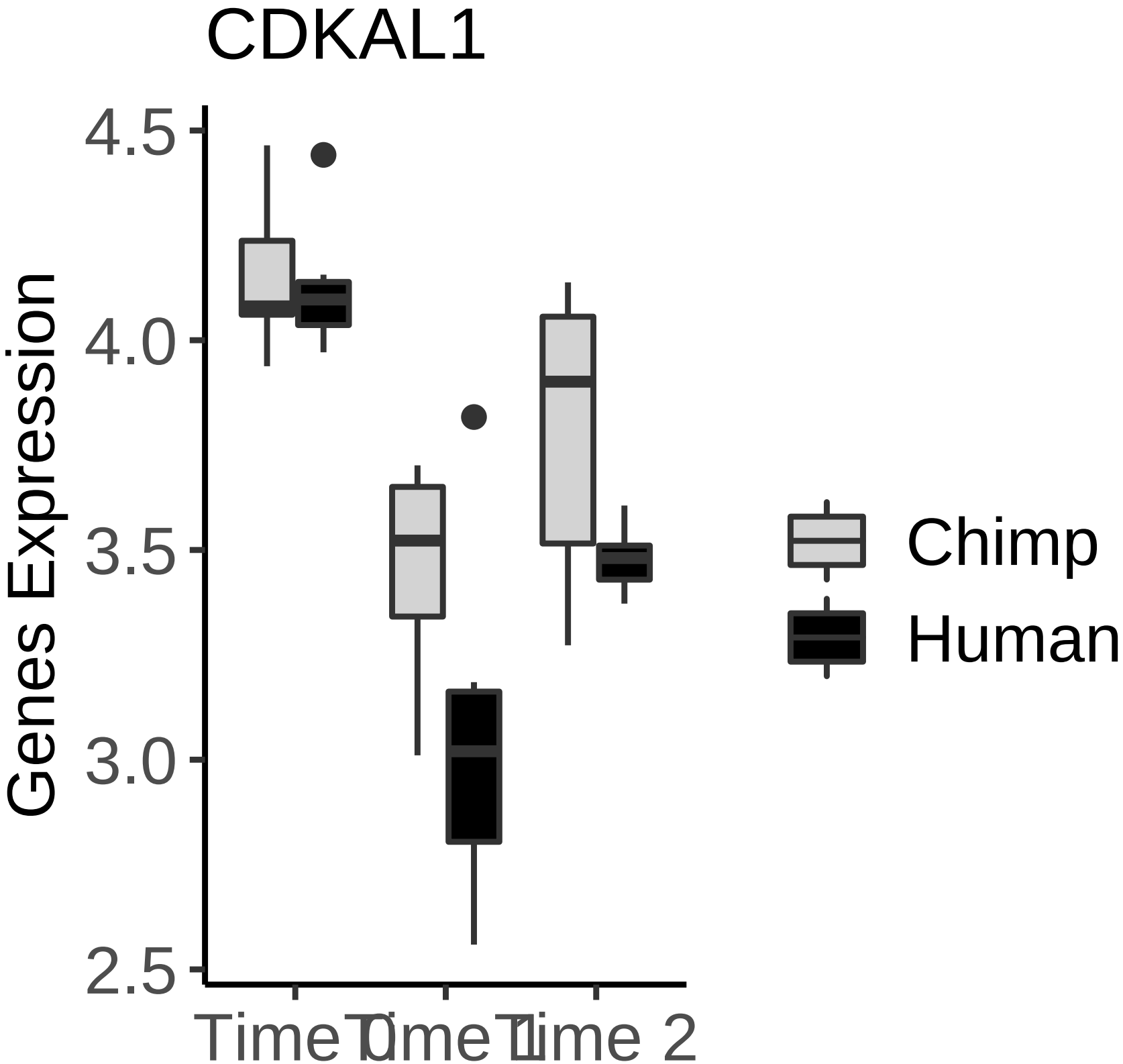
6
4
Time 0
Time 1
Time 2
Chimp
Human


CDKAL1
Genes Expression
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3.0
2.5
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Time 2
Chimp
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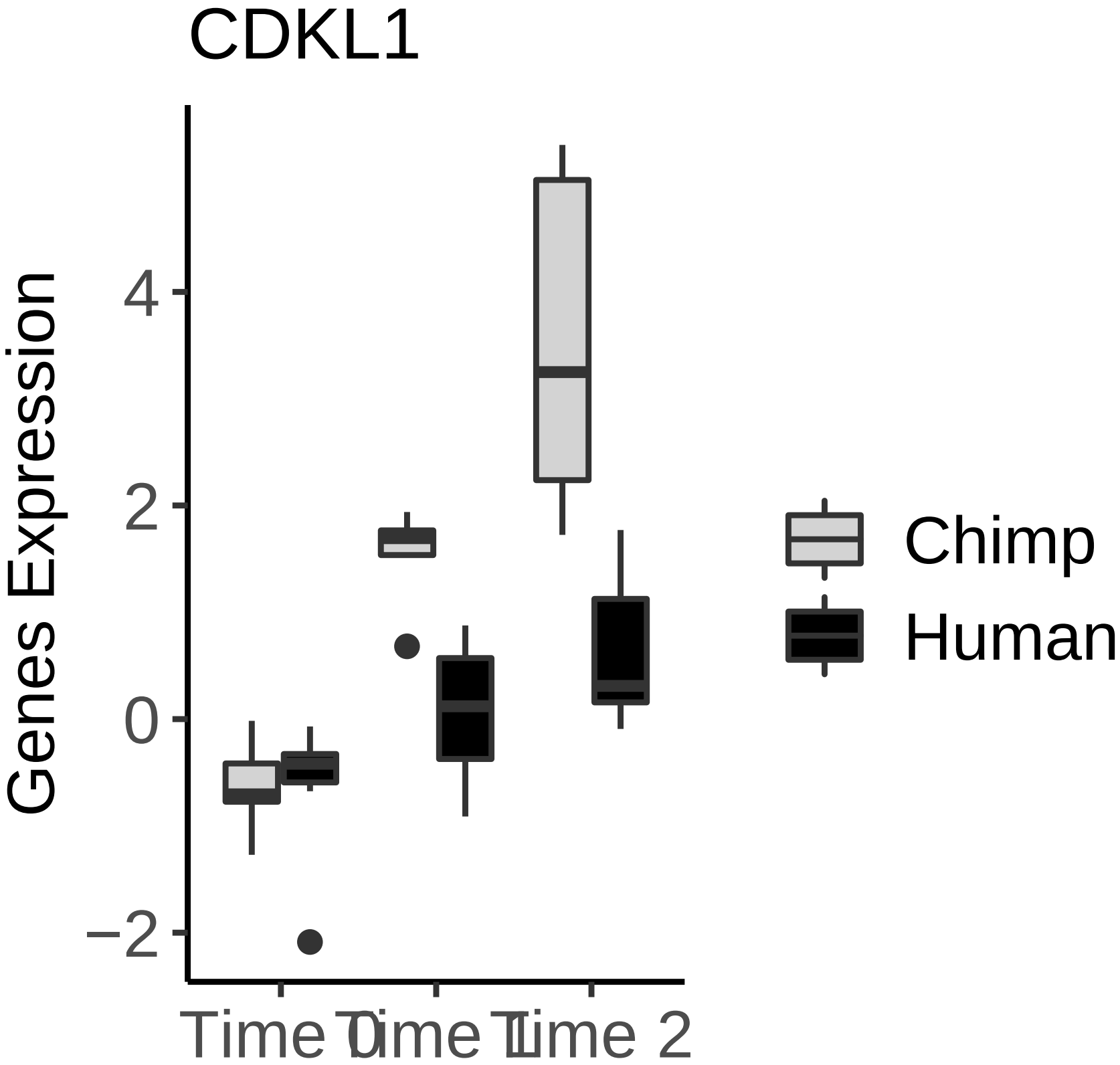
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Genes Expression
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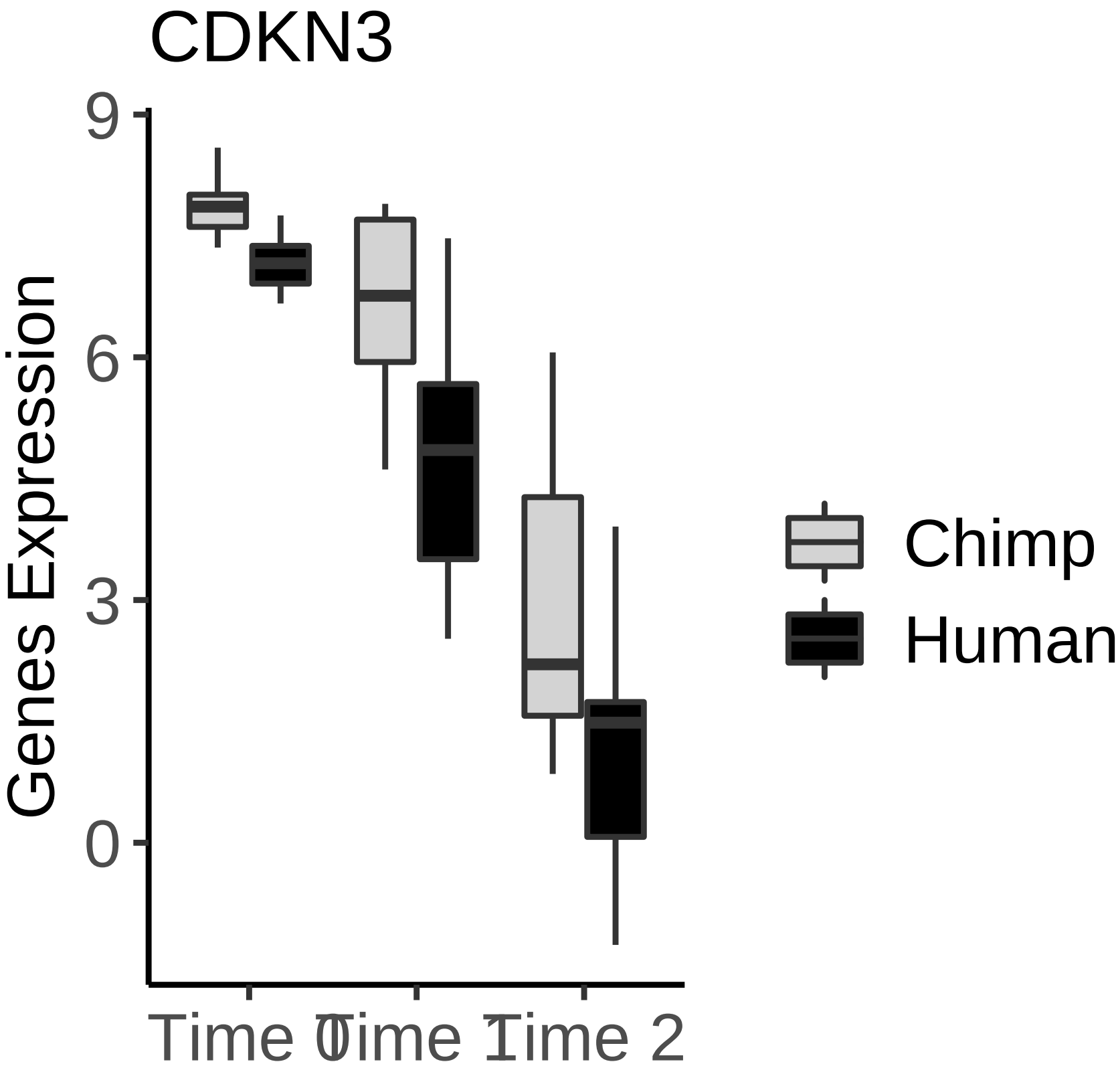
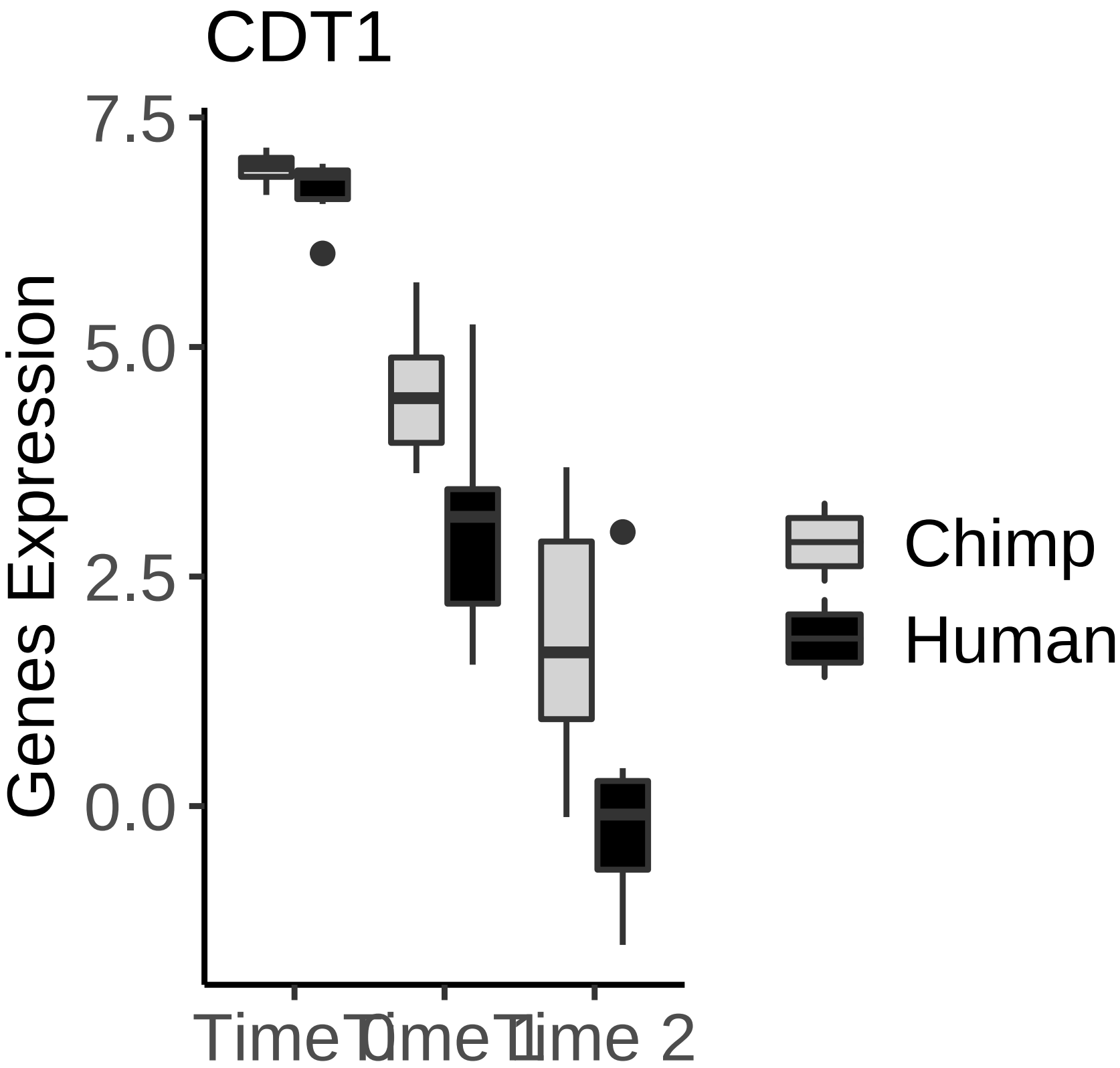
Time 1
Time 2
Chimp
Human


CDKN3
Genes Expression
9
6
3
0
Time 0
Time 1
Time 2
Chimp
Human


CDT1
Genes Expression
7.5
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Time 1
Time 2
Chimp
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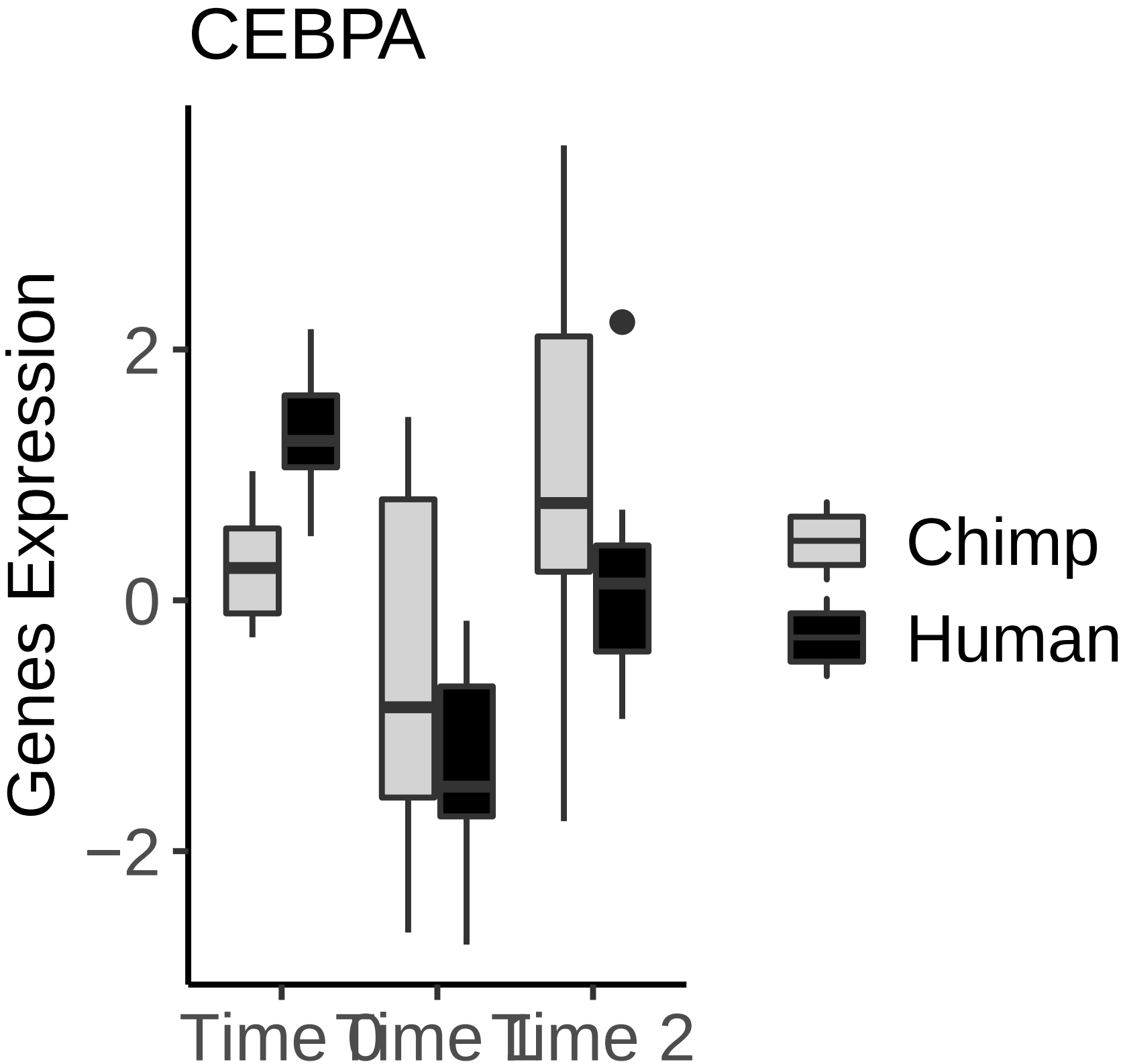
CEBPA
Genes Expression
2
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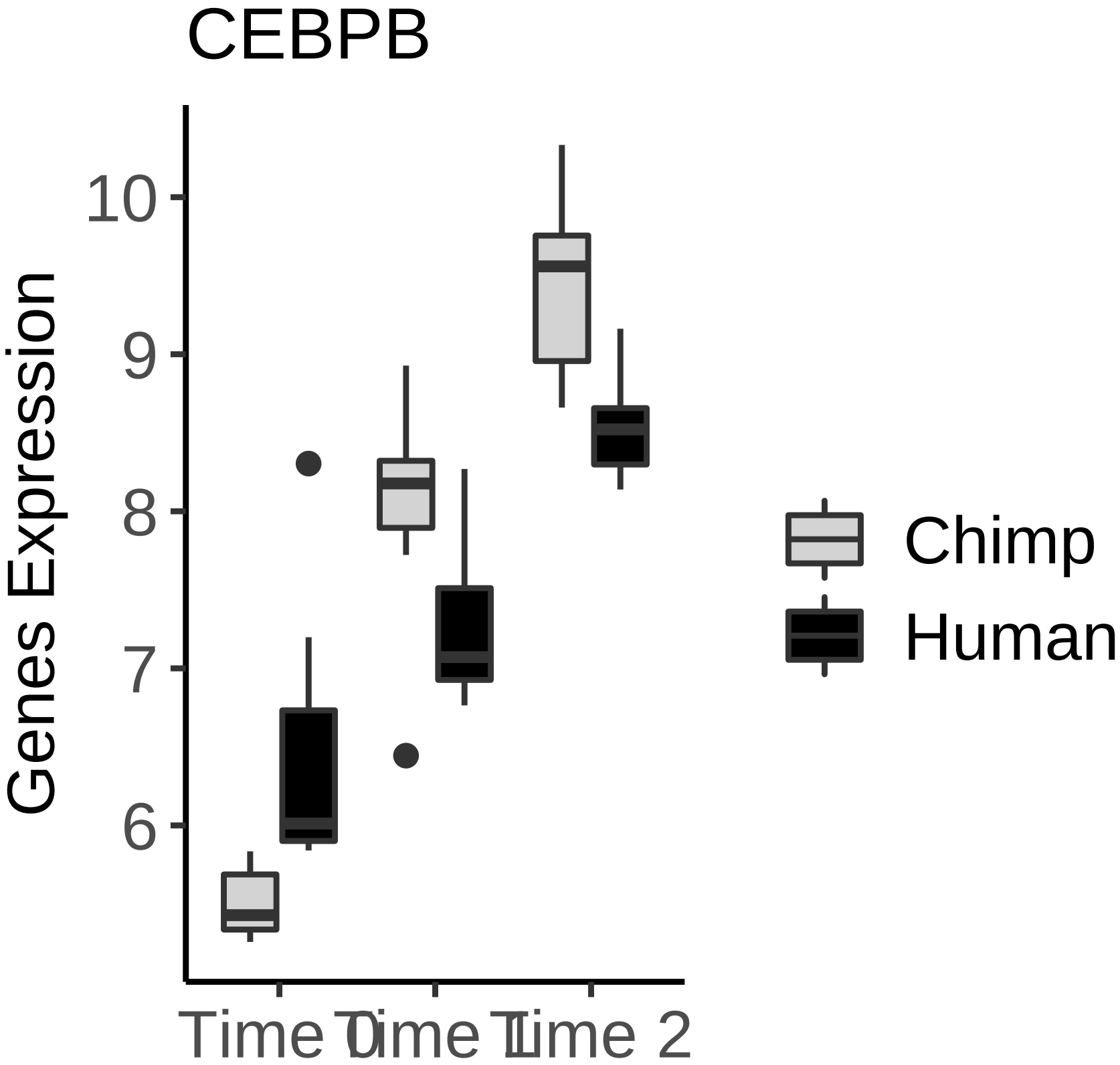
−2
Time 0
Time 1
Time 2
Chimp
Human


CEBPB
Genes Expression
10
9
8
7
6
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Time 1
Time 2
Chimp
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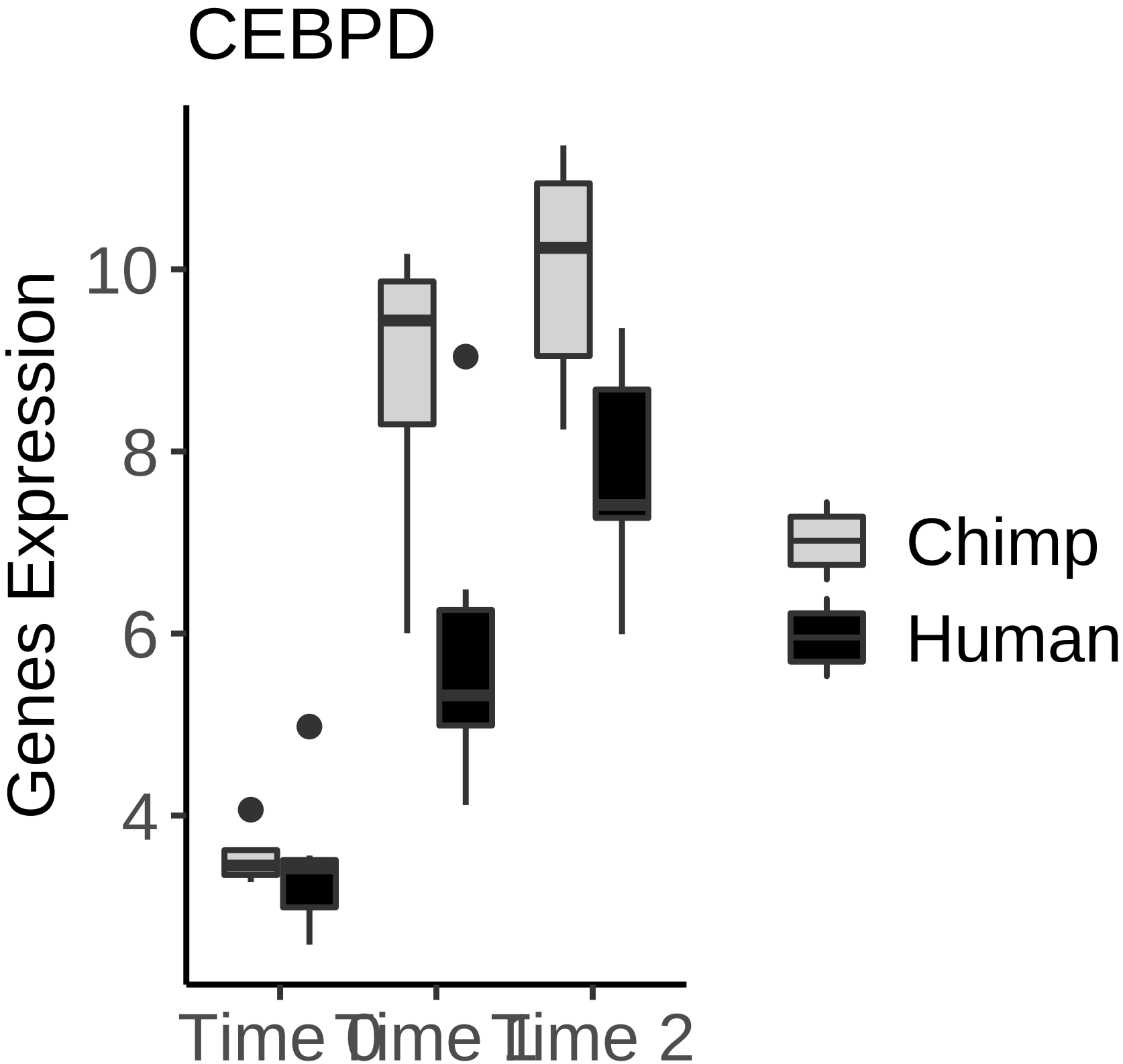
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6
4
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Time 2
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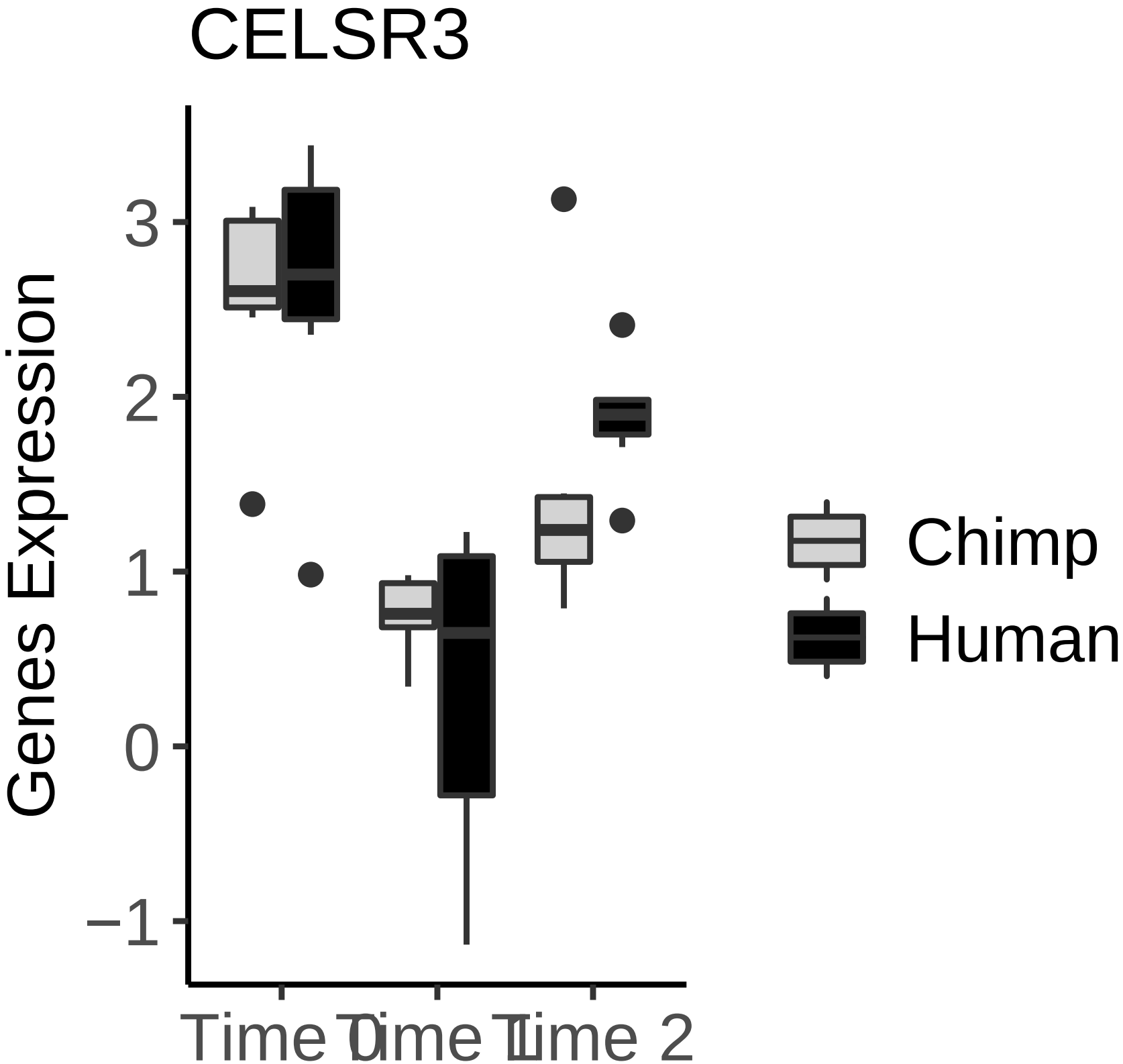
CELSR3
Genes Expression
3
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−1
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Time 1
Time 2
Chimp
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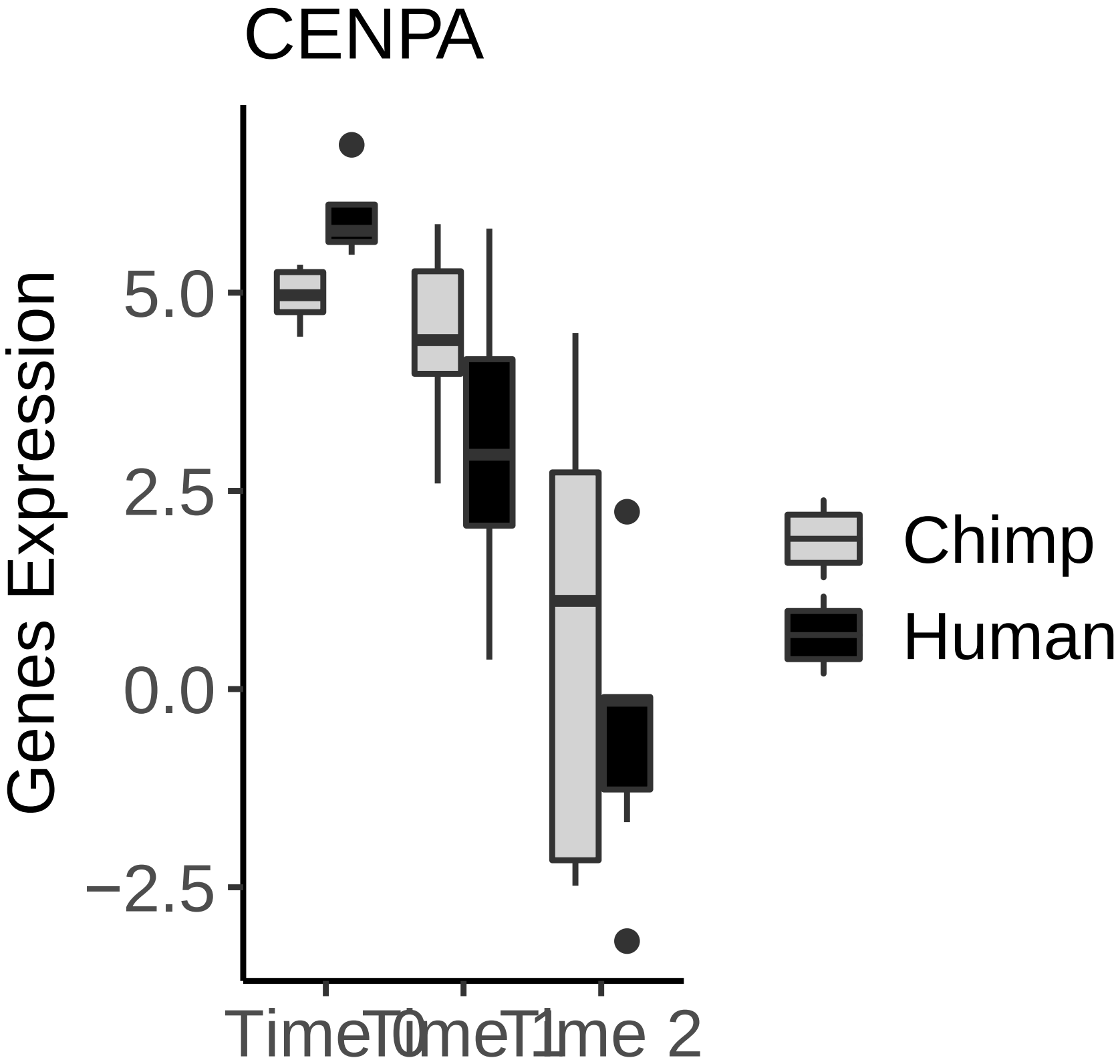
CENPA
Genes Expression
5.0
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0.0
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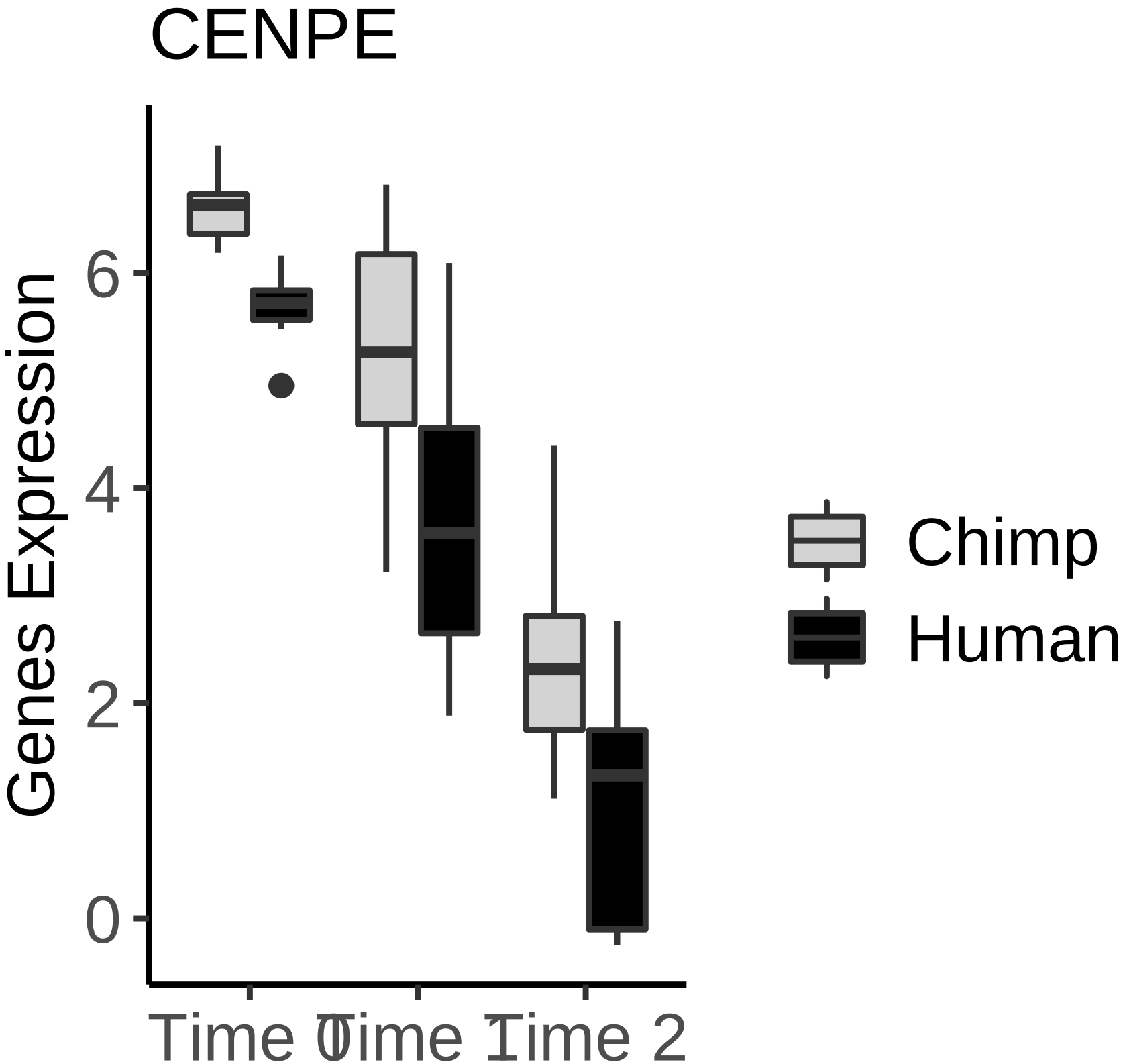
Time 0
Time 1
Time 2
Chimp
Human


CENPE
Genes Expression
6
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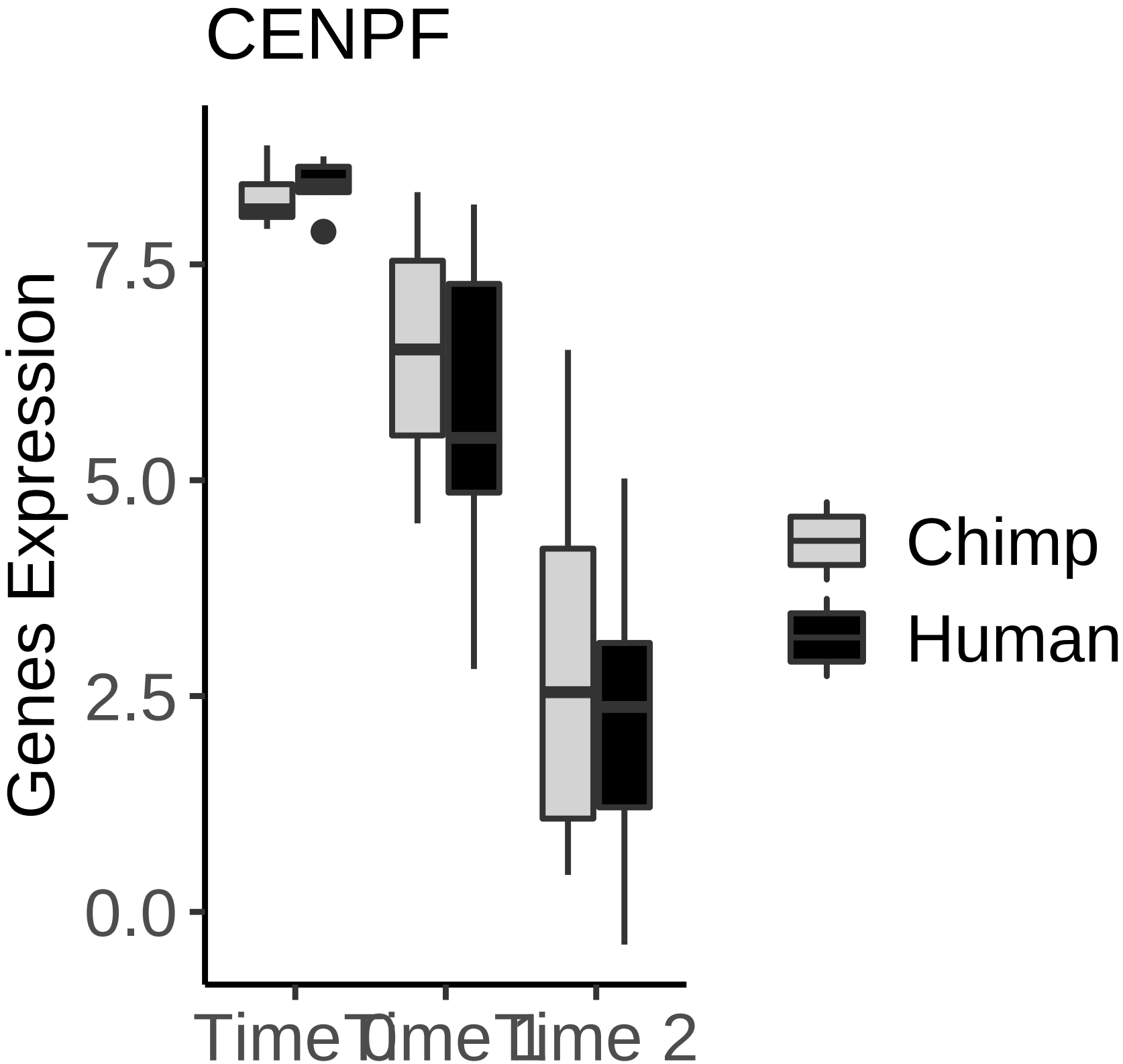
2
0
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
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Time 0
Time 1
Time 2
Chimp
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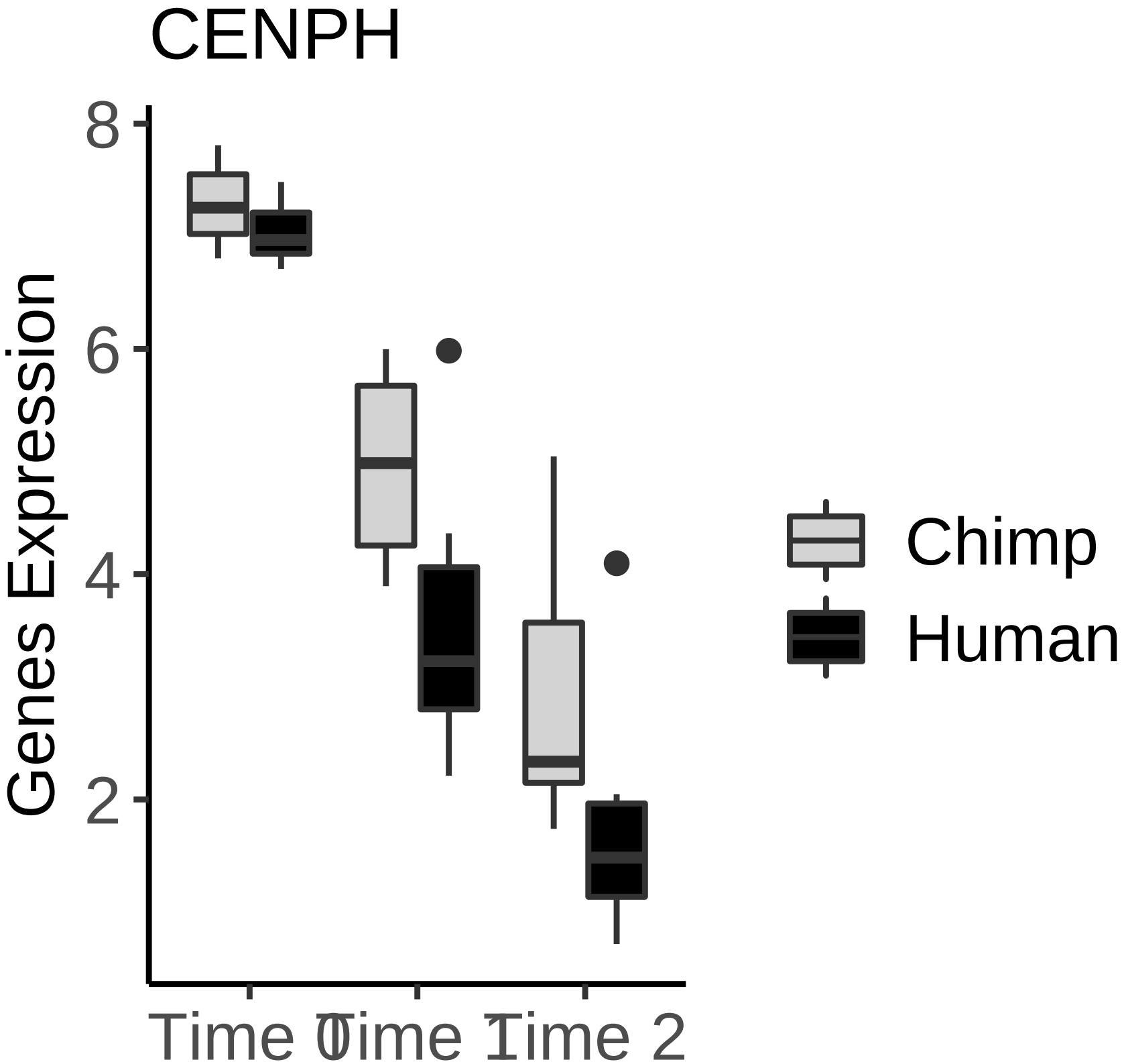
CENPH
Genes Expression
8
6
4
2
Time 0
Time 1
Time 2
Chimp
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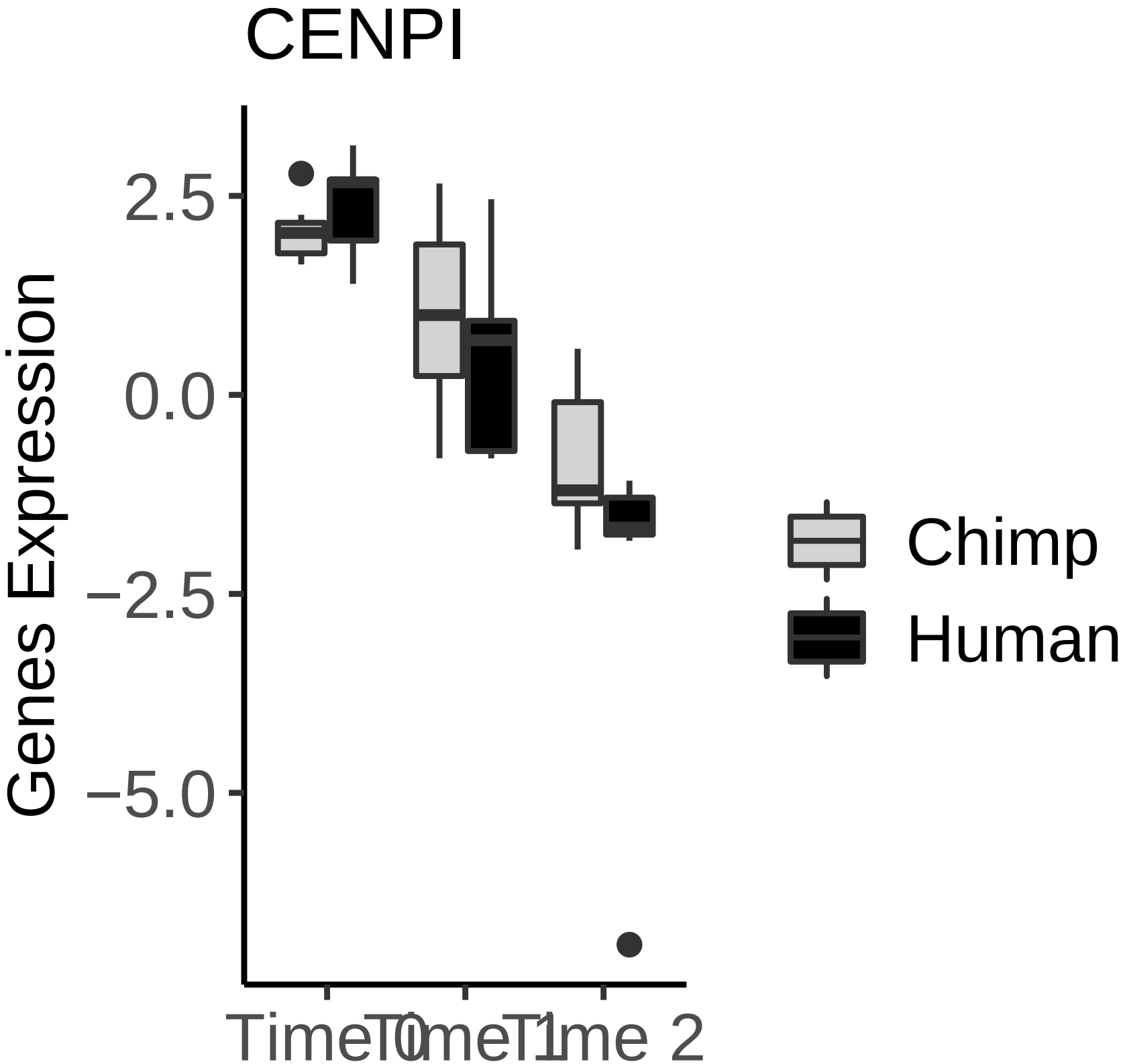
CENPI
Genes Expression
2.5
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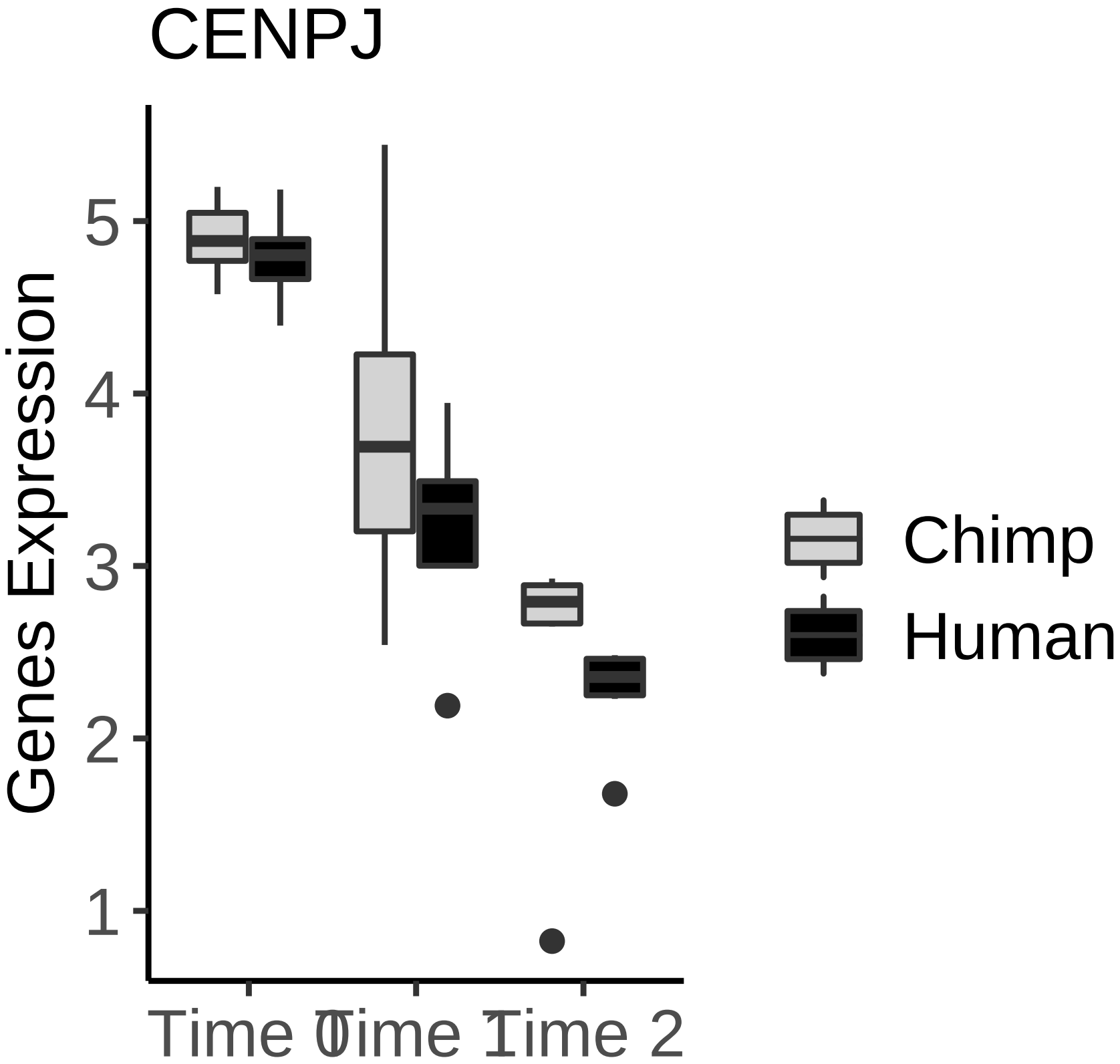
−5.0
Time 0
Time 1
Time 2
Chimp
Human


CENPJ
Genes Expression
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4
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2
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Time 0
Time 1
Time 2
Chimp
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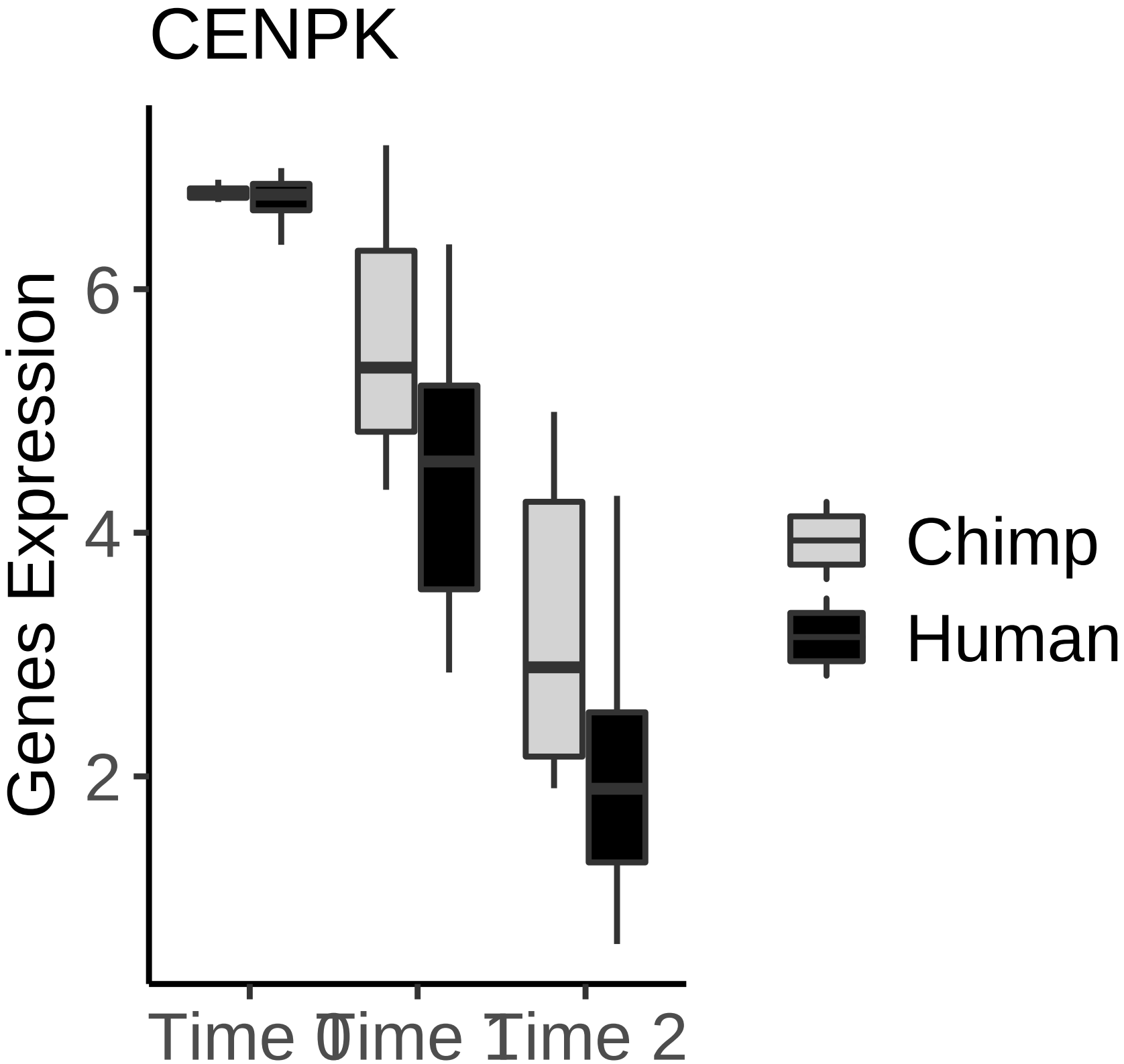
CENPK
Genes Expression
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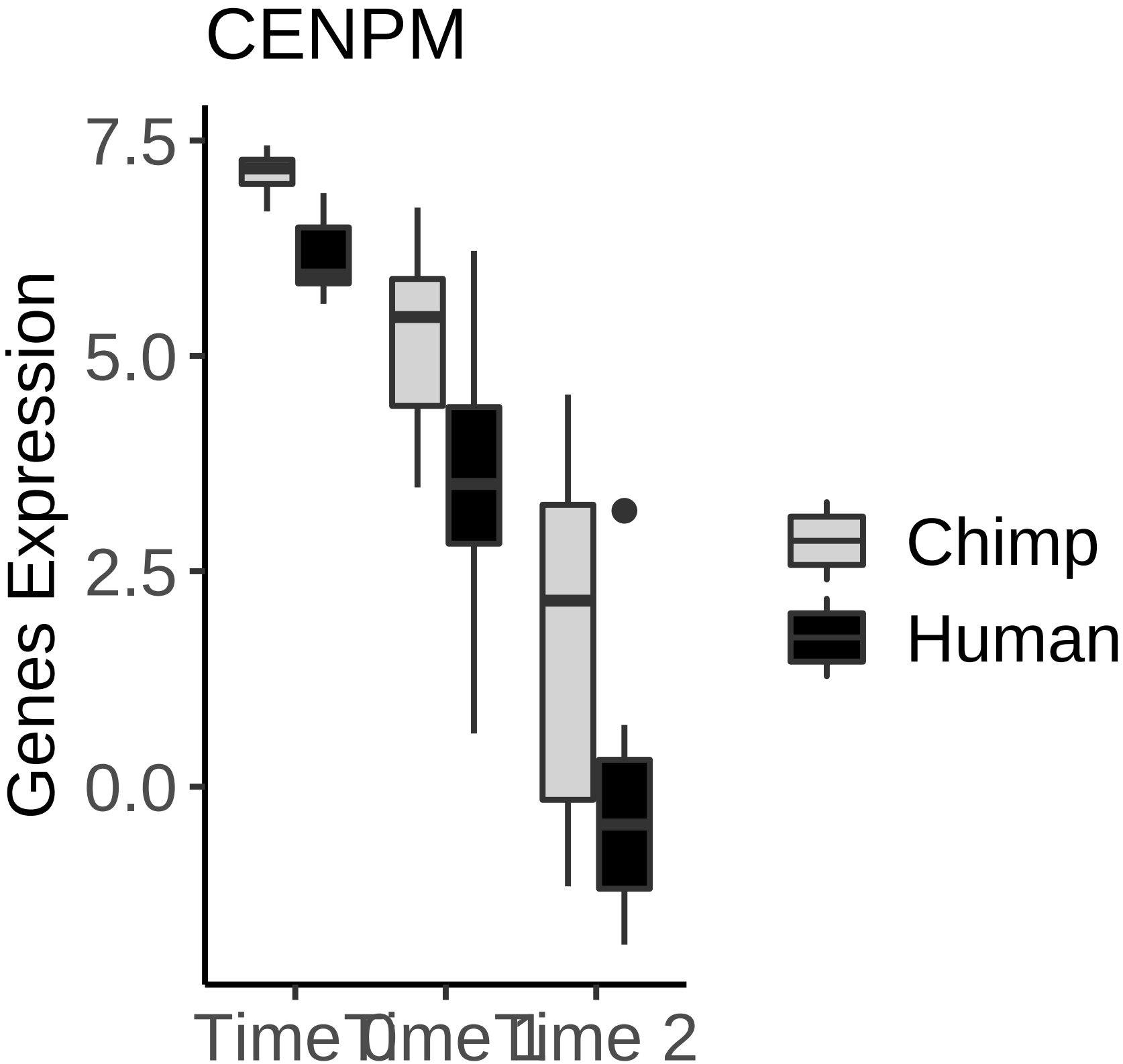
4
2
Time 0
Time 1
Time 2
Chimp
Human


CENPM
Genes Expression
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Time 0
Time 1
Time 2
Chimp
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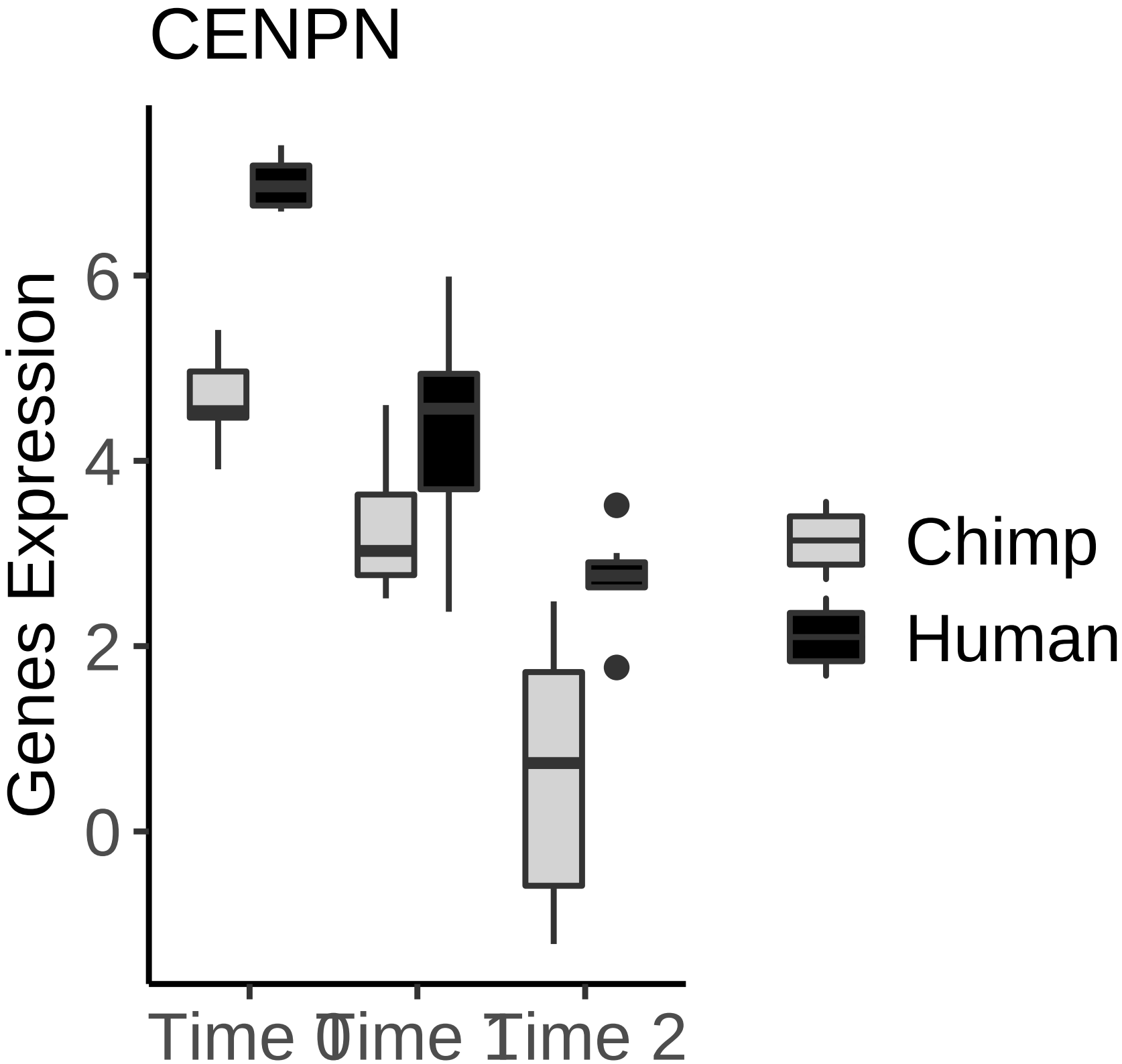
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6
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2
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Time 1
Time 2
Chimp
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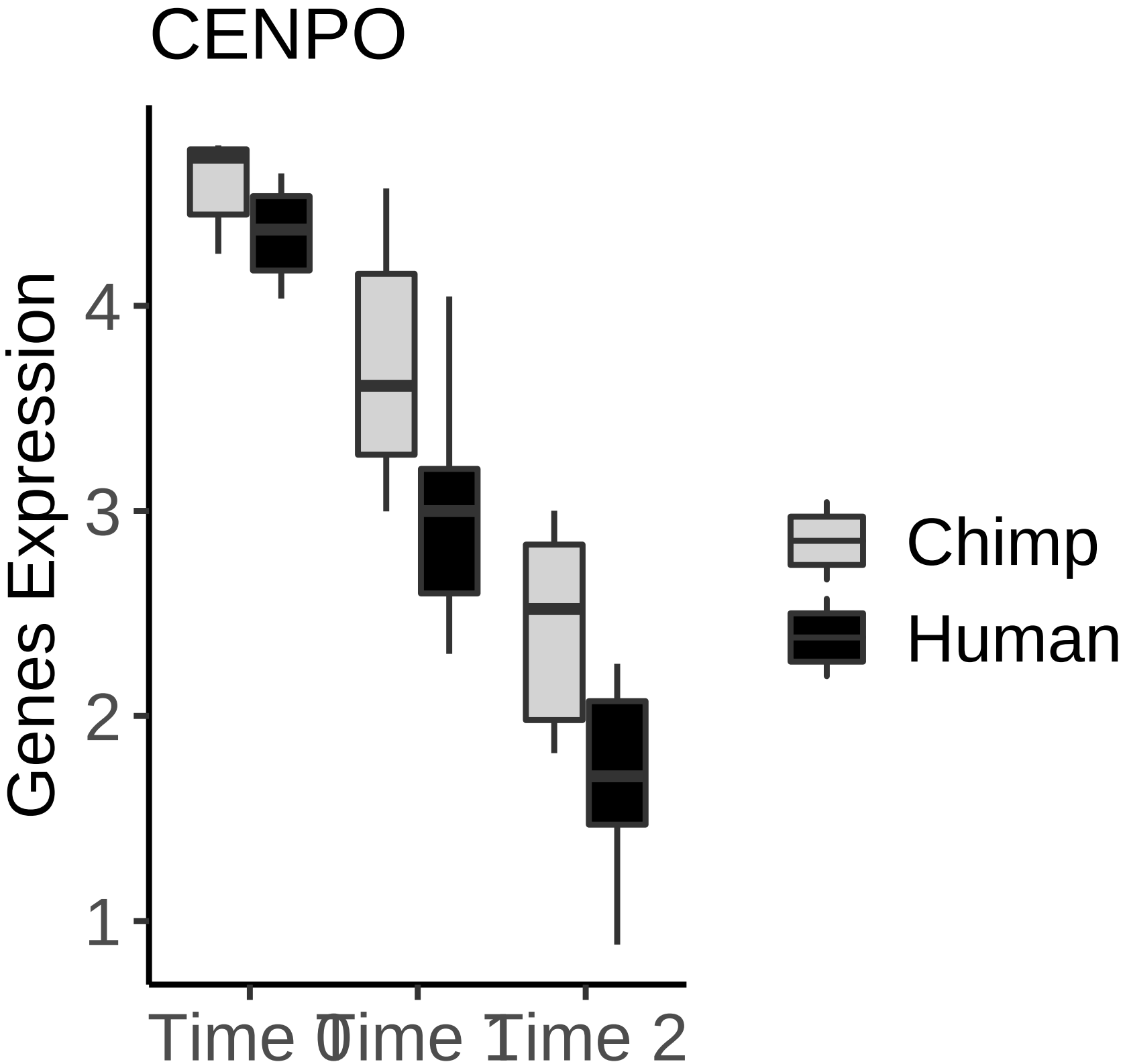
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Time 1
Time 2
Chimp
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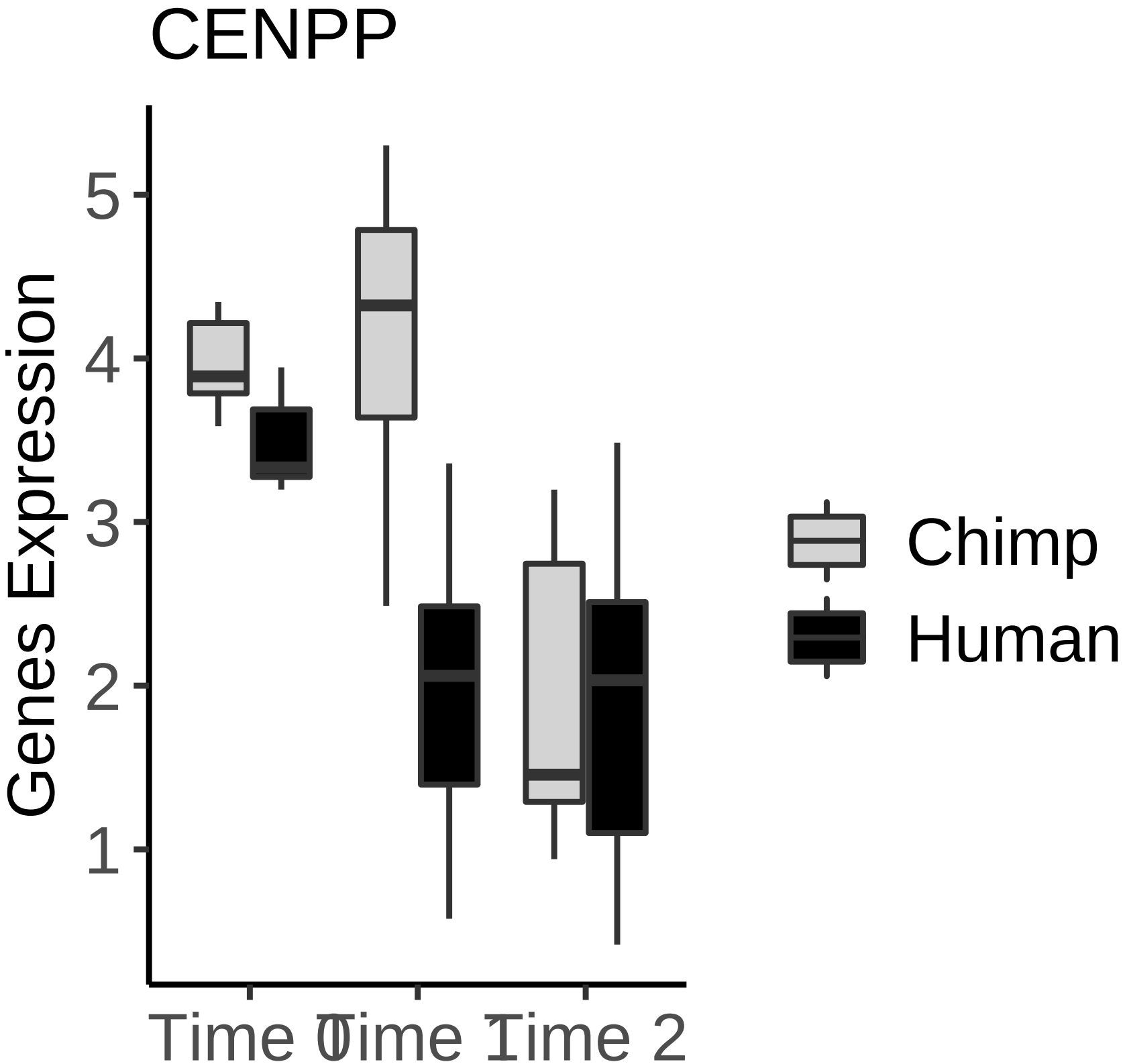
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Genes Expression
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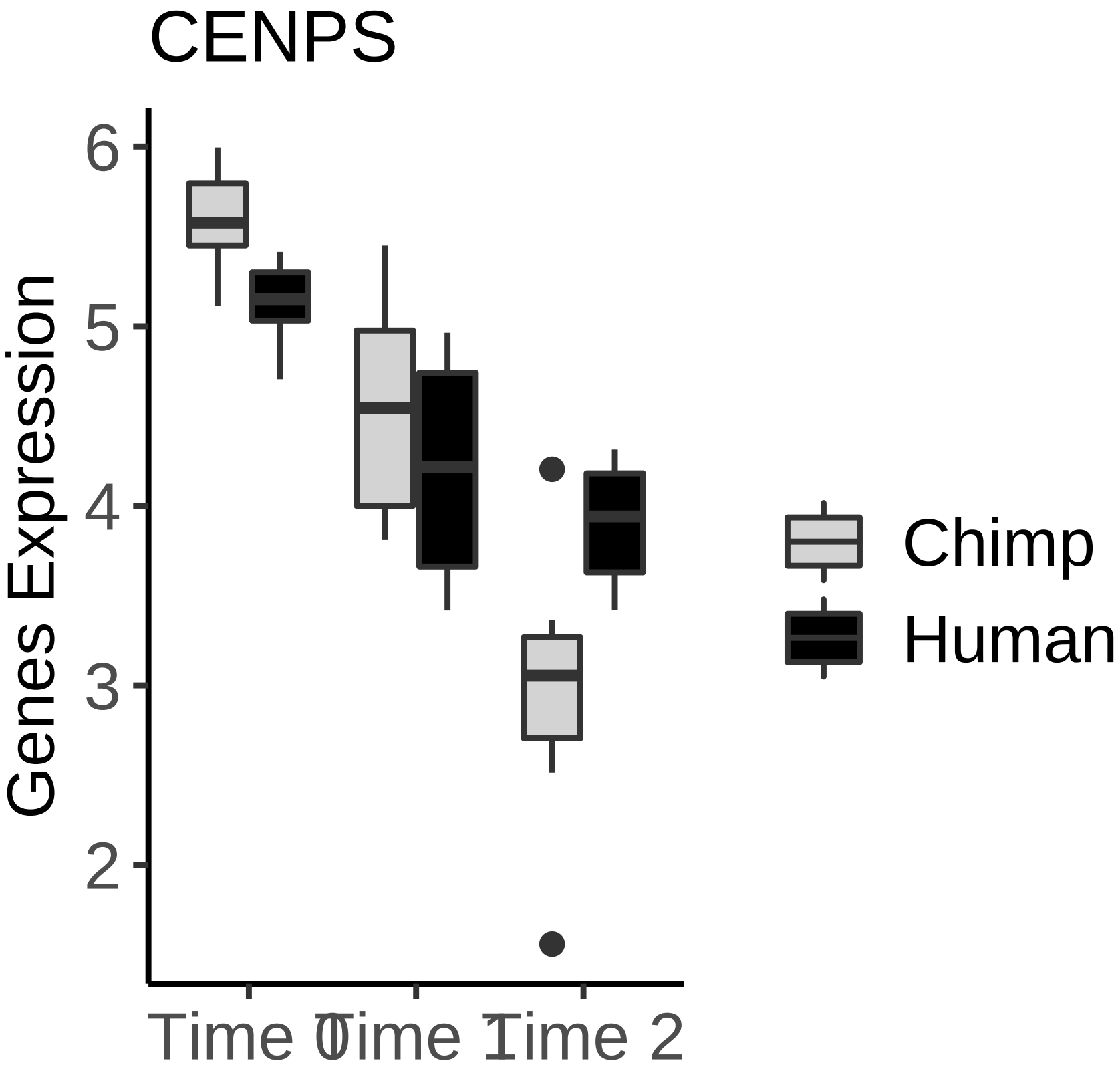
Time 2
Chimp
Human


CENPS
Genes Expression
6
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3
2
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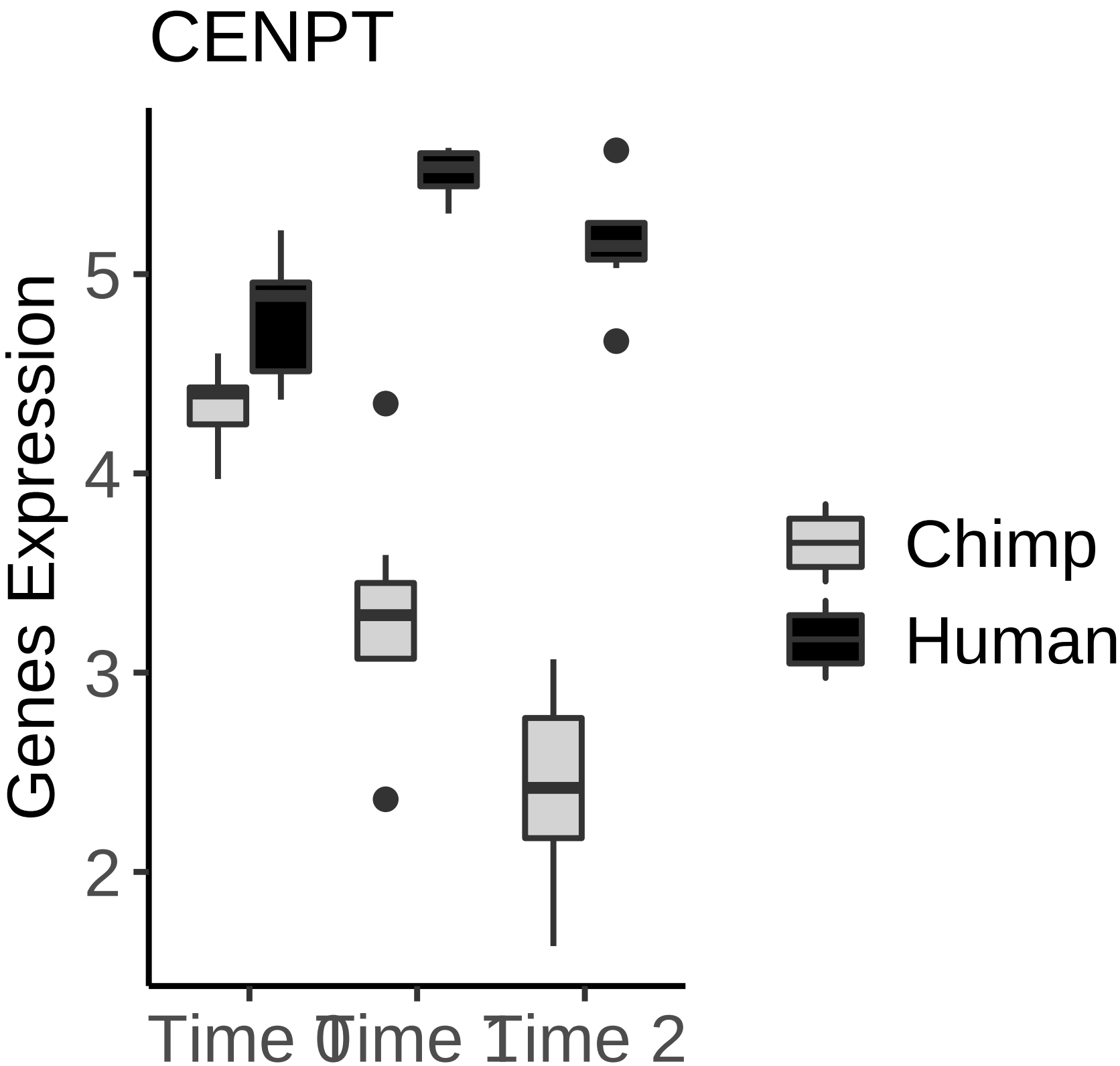
Time 1
Time 2
Chimp
Human


CENPT
Genes Expression
5
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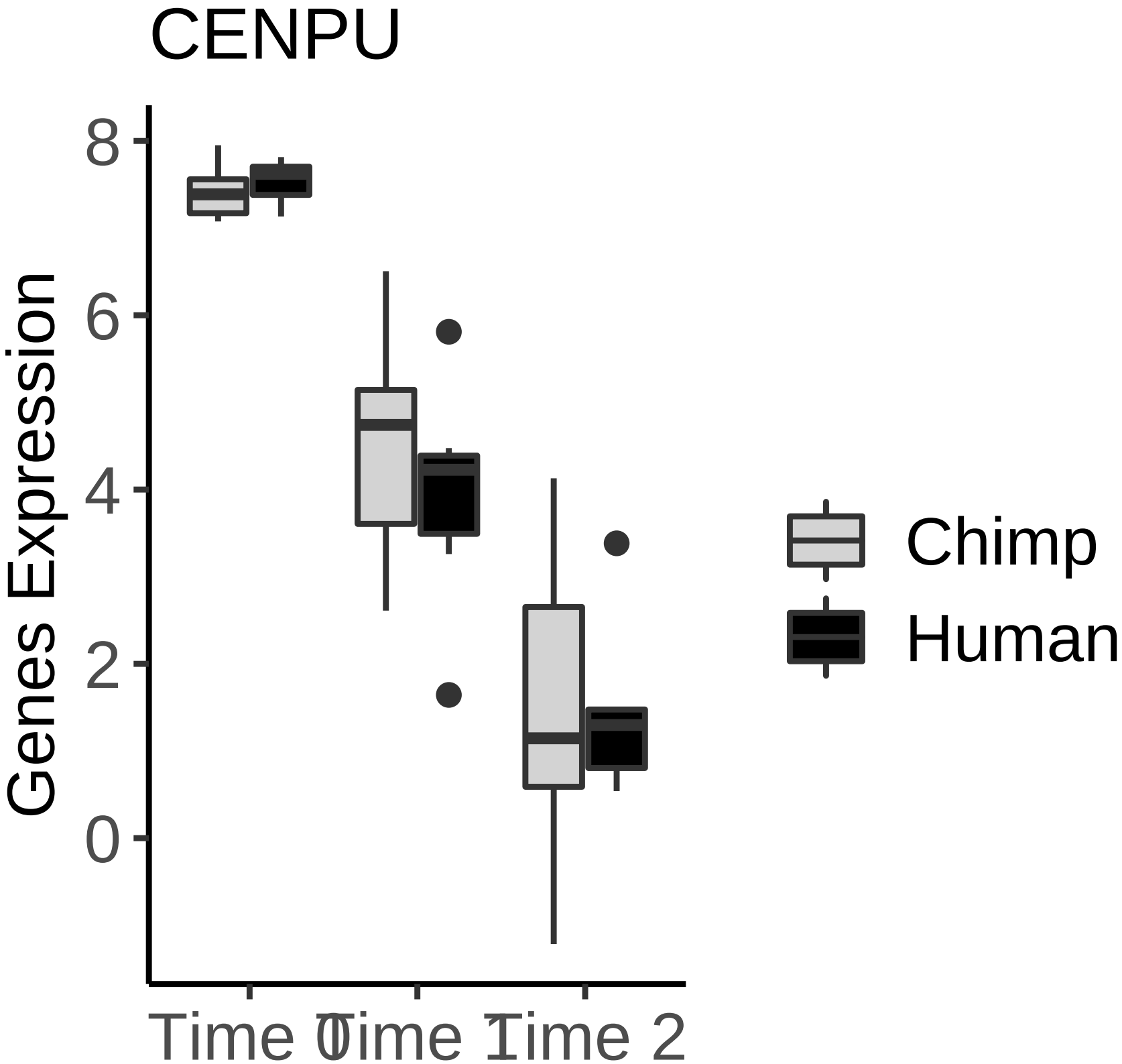
3
2
Time 0
Time 1
Time 2
Chimp
Human


CENPU
Genes Expression
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Time 2
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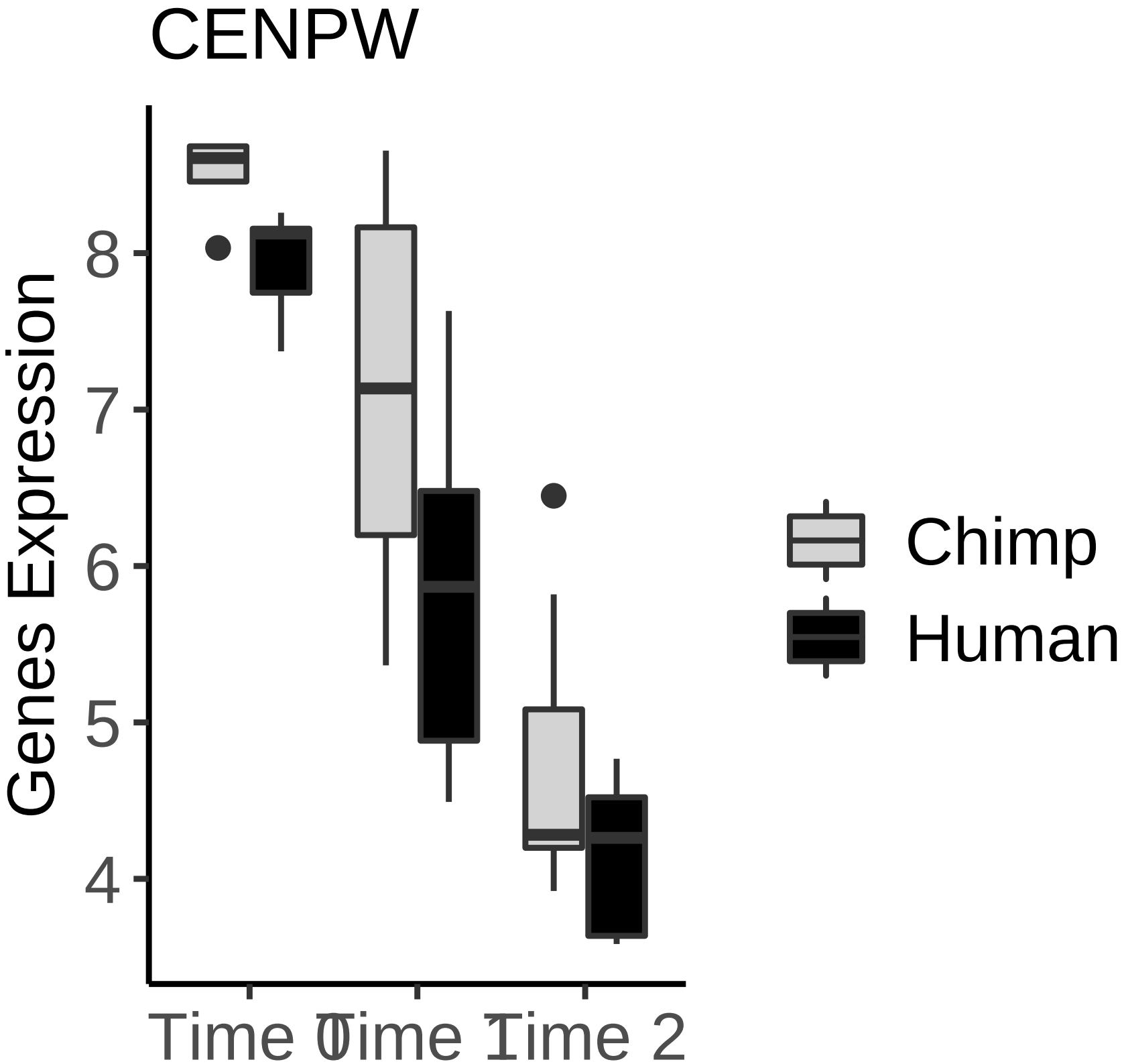
CENPW
Genes Expression
8
7
6
5
4
Time 0
Time 1
Time 2
Chimp
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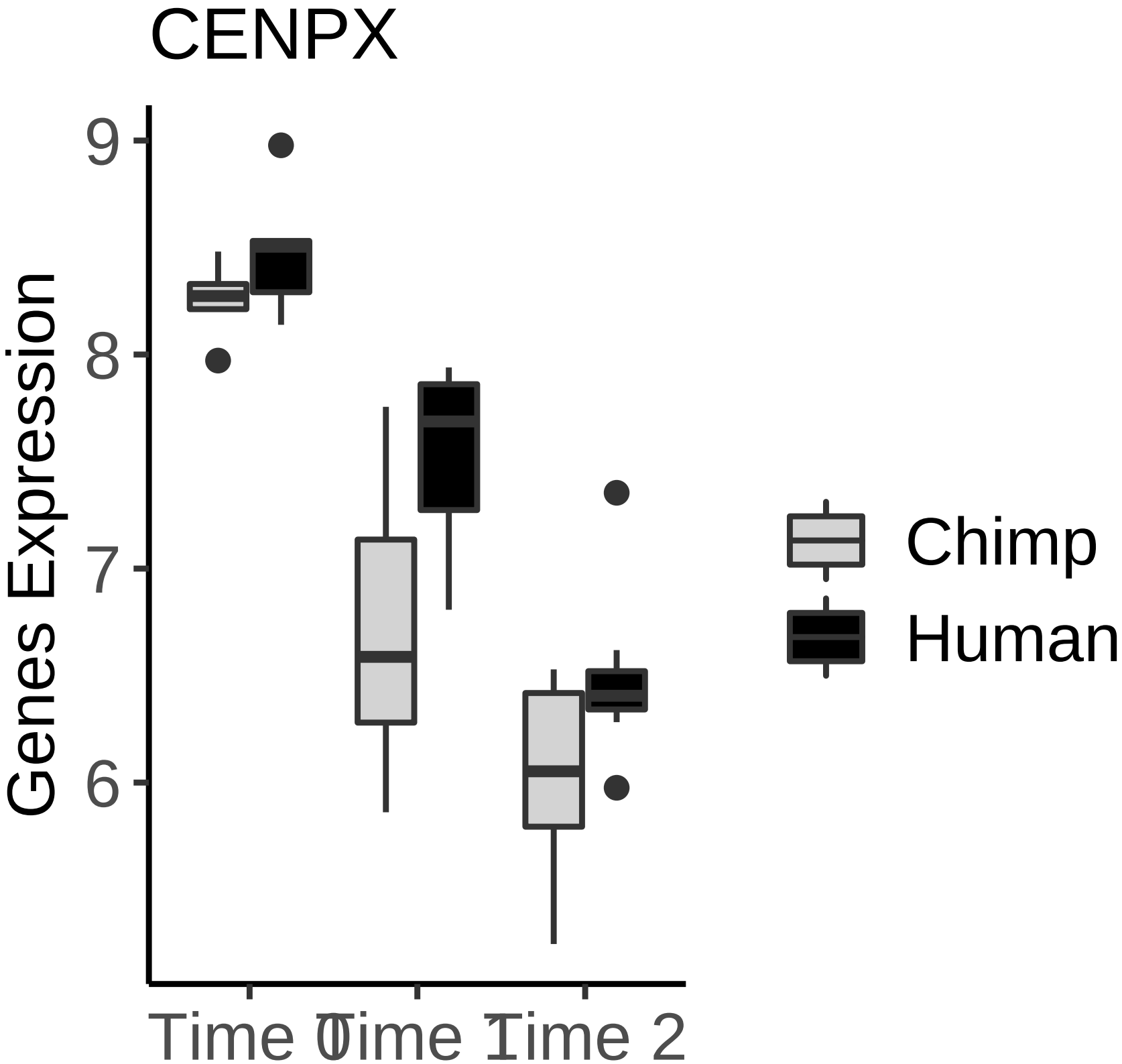
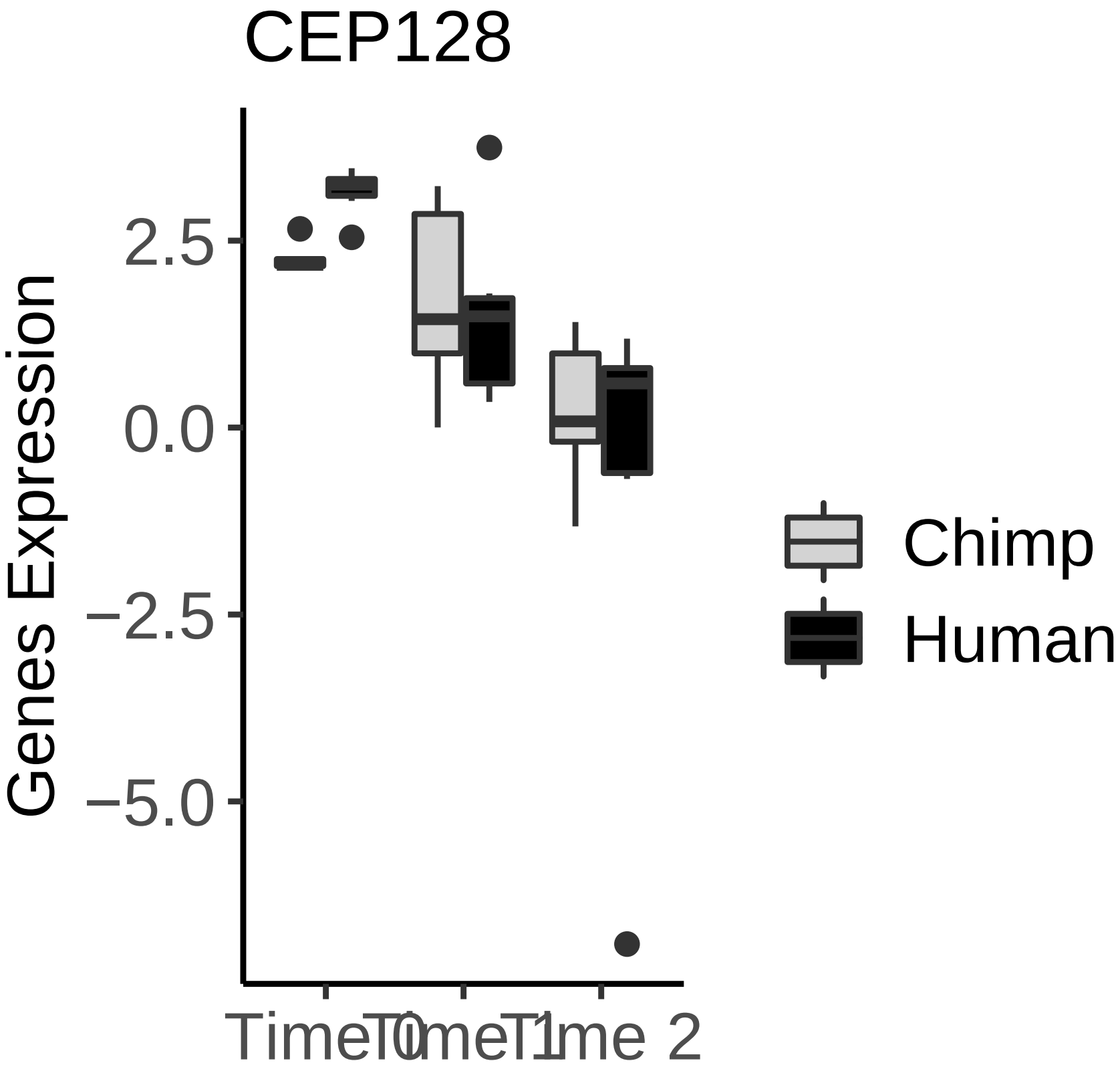

CENPX
Genes Expression
9
8
7
6
Time 0
Time 1
Time 2
Chimp
Human


CEP128
Genes Expression
2.5
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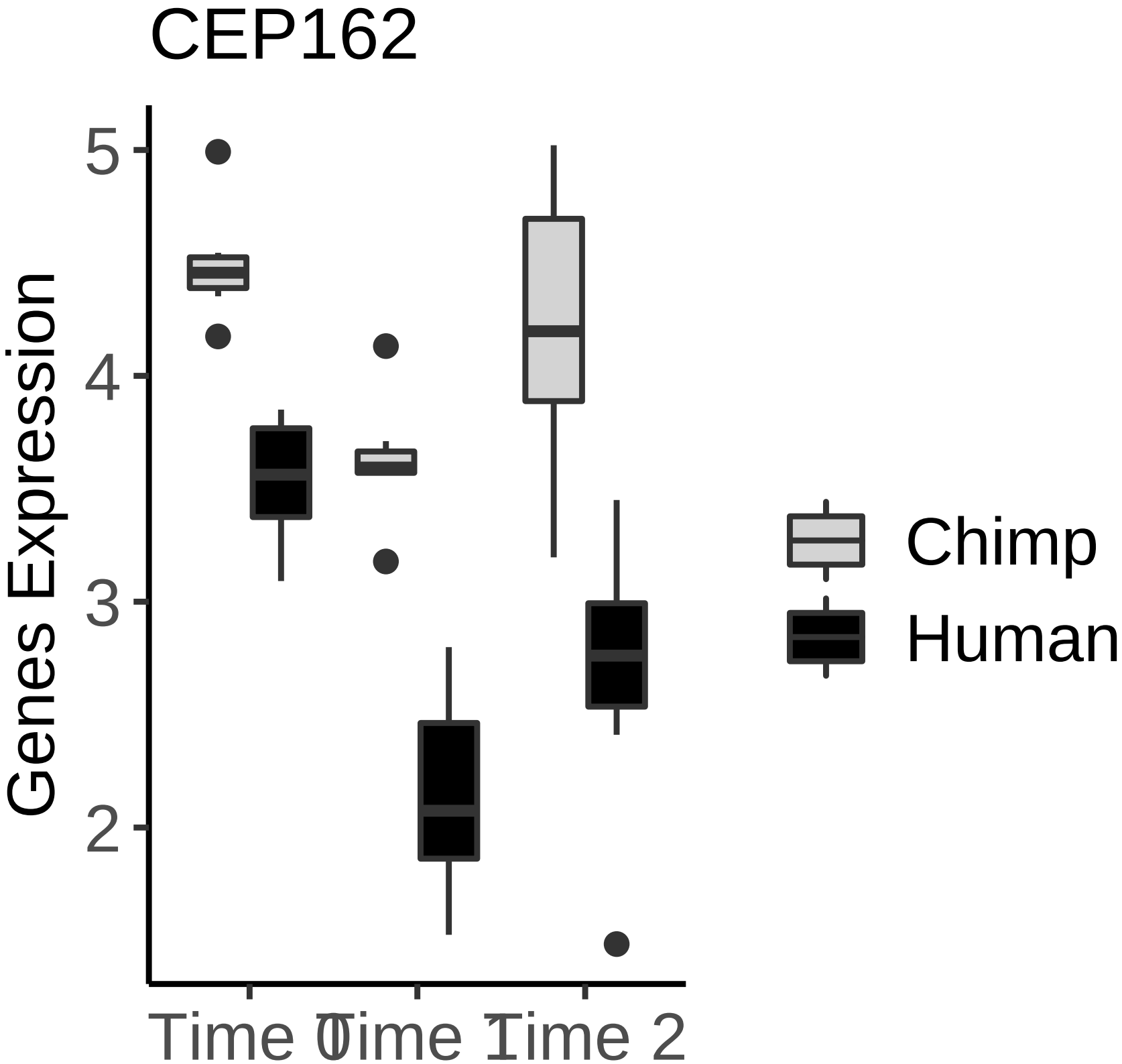
Time 0
Time 1
Time 2
Chimp
Human


CEP162
Genes Expression
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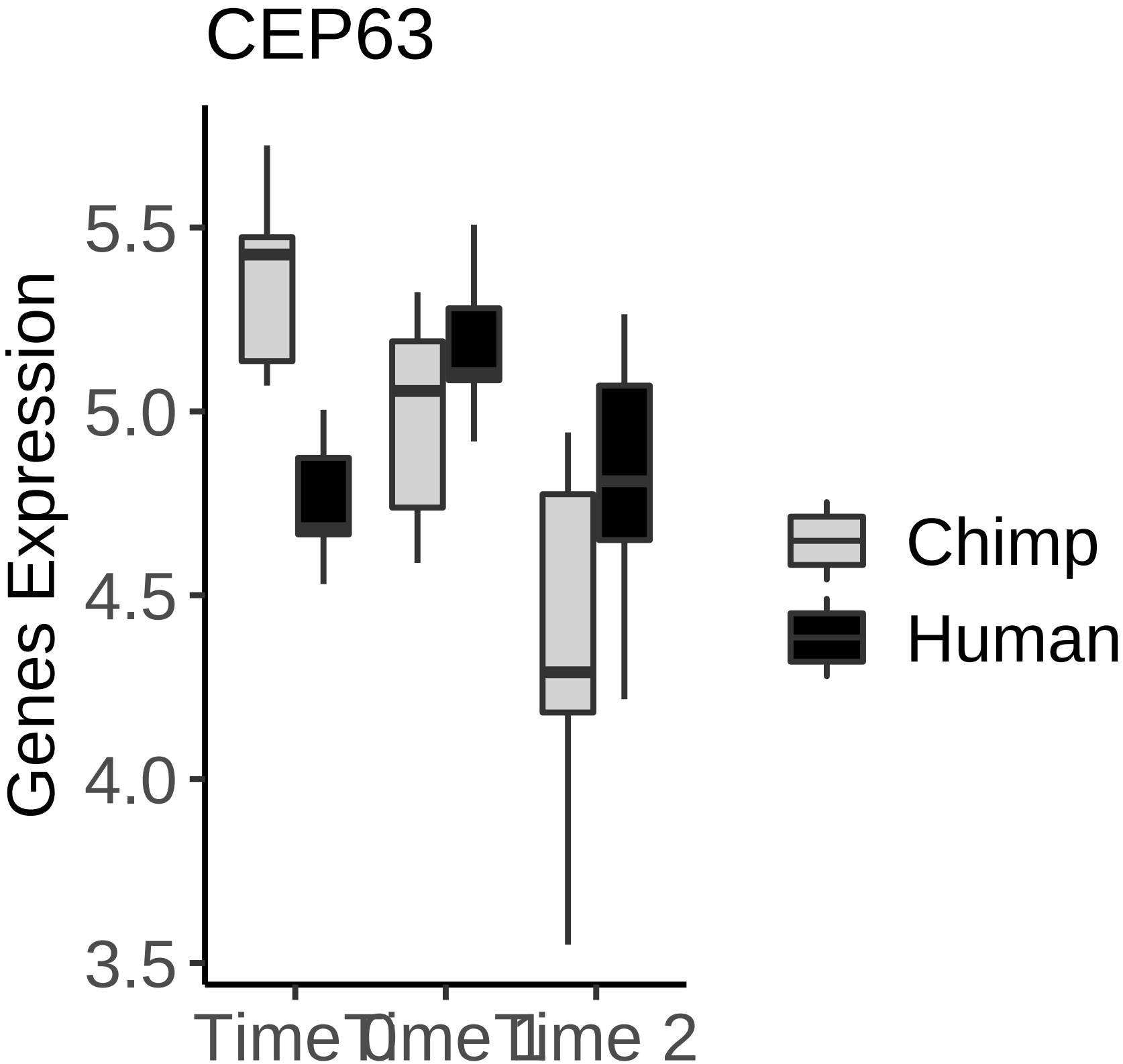
3
2
Time 0
Time 1
Time 2
Chimp
Human


CEP63
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3.5
Time 0
Time 1
Time 2
Chimp
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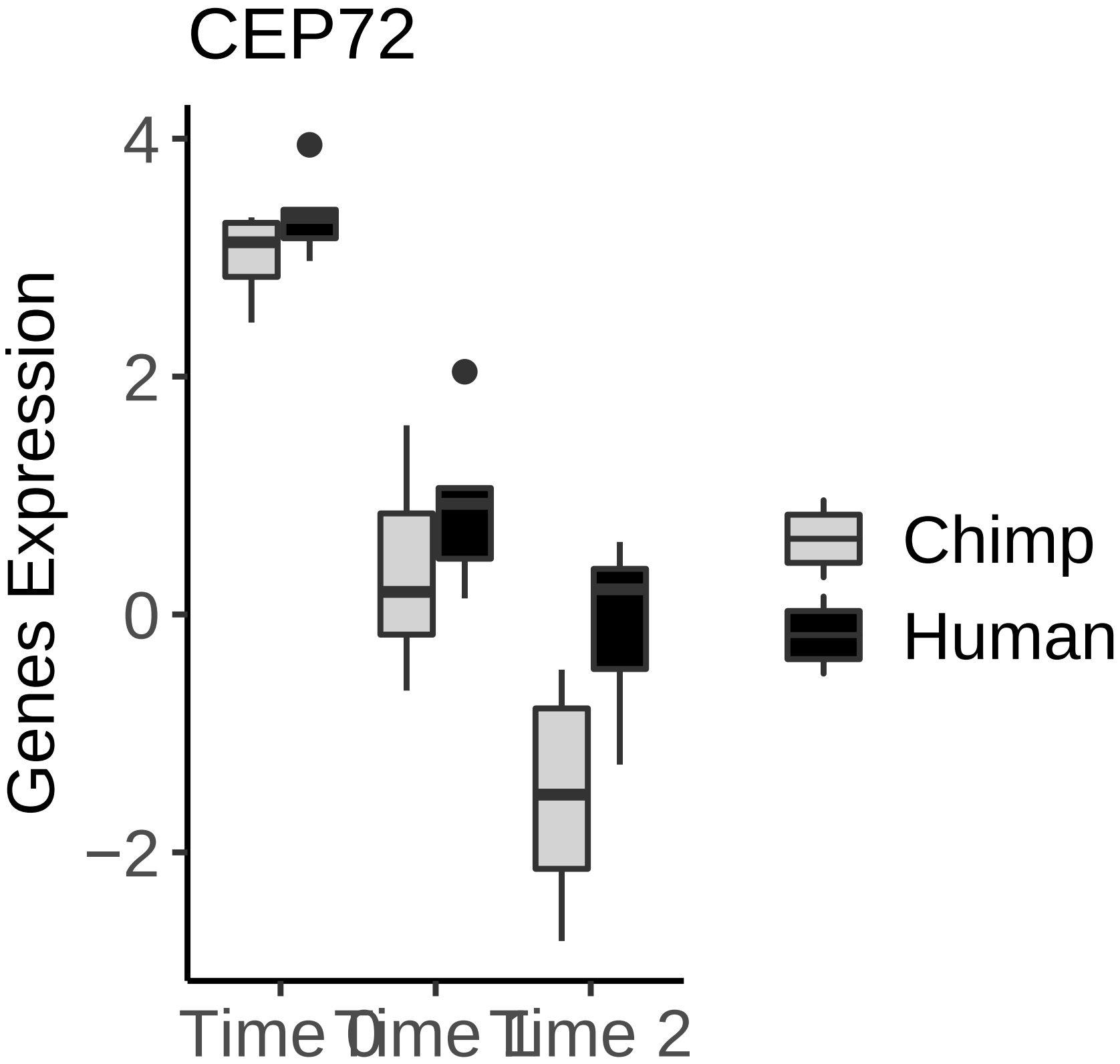
CEP72
Genes Expression
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−2
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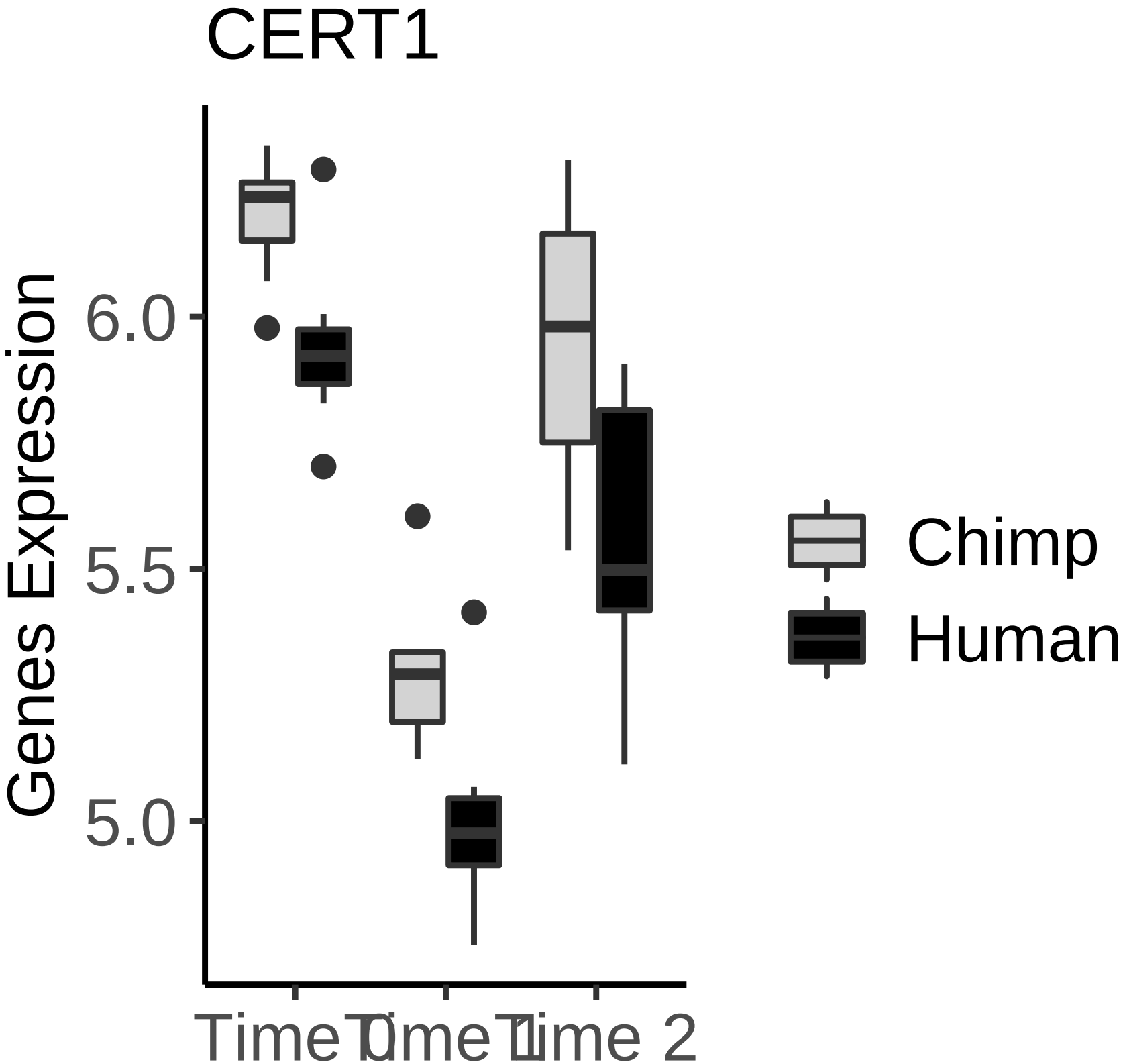
Time 1
Time 2
Chimp
Human


CERT1
Genes Expression
6.0
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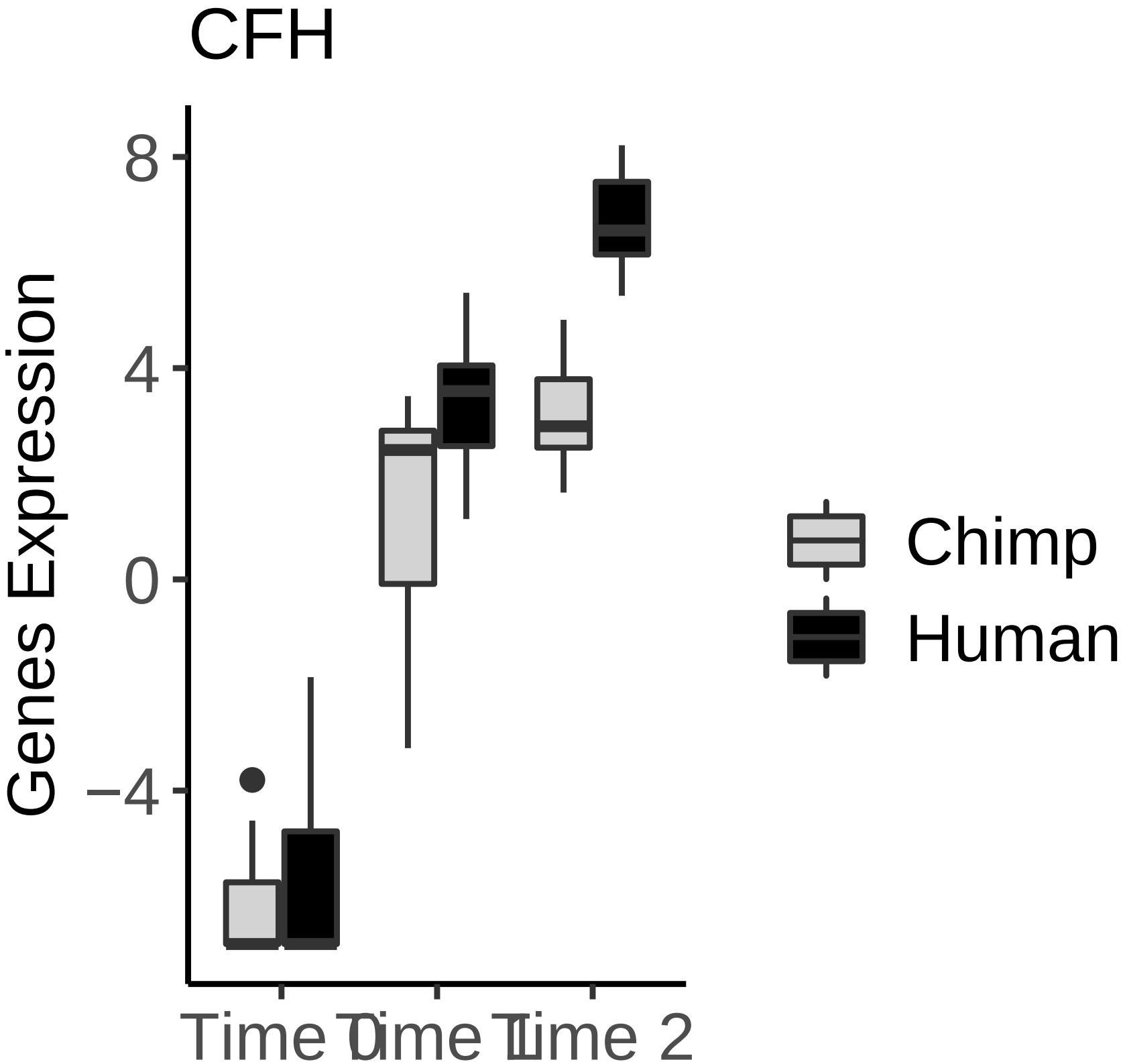
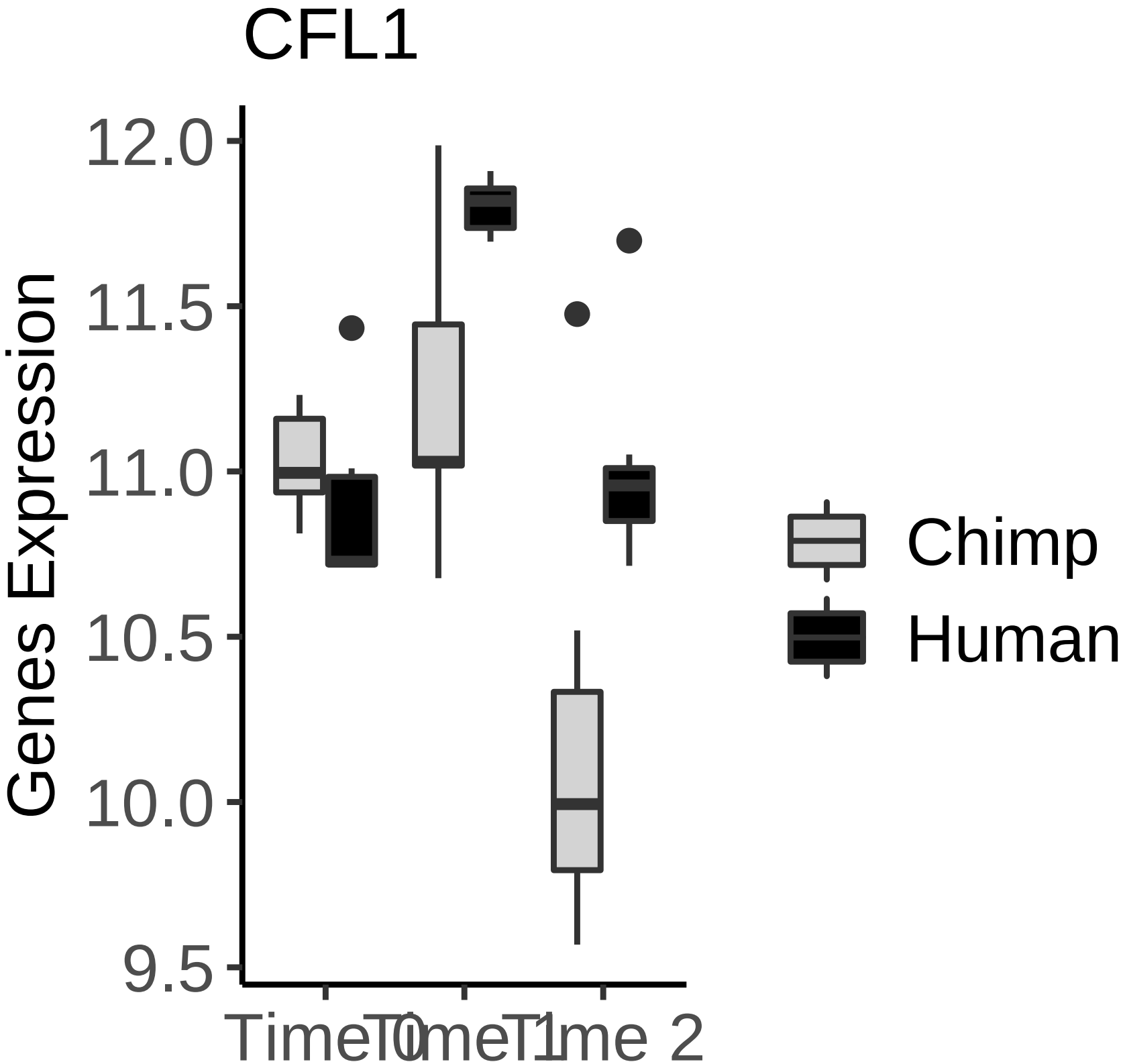
5.0
Time 0
Time 1
Time 2
Chimp
Human


CFH
Genes Expression
8
4
0
−4
Time 0
Time 1
Time 2
Chimp
Human


CFL1
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12.0
11.5
11.0
10.5
10.0
9.5
Time 0
Time 1
Time 2
Chimp
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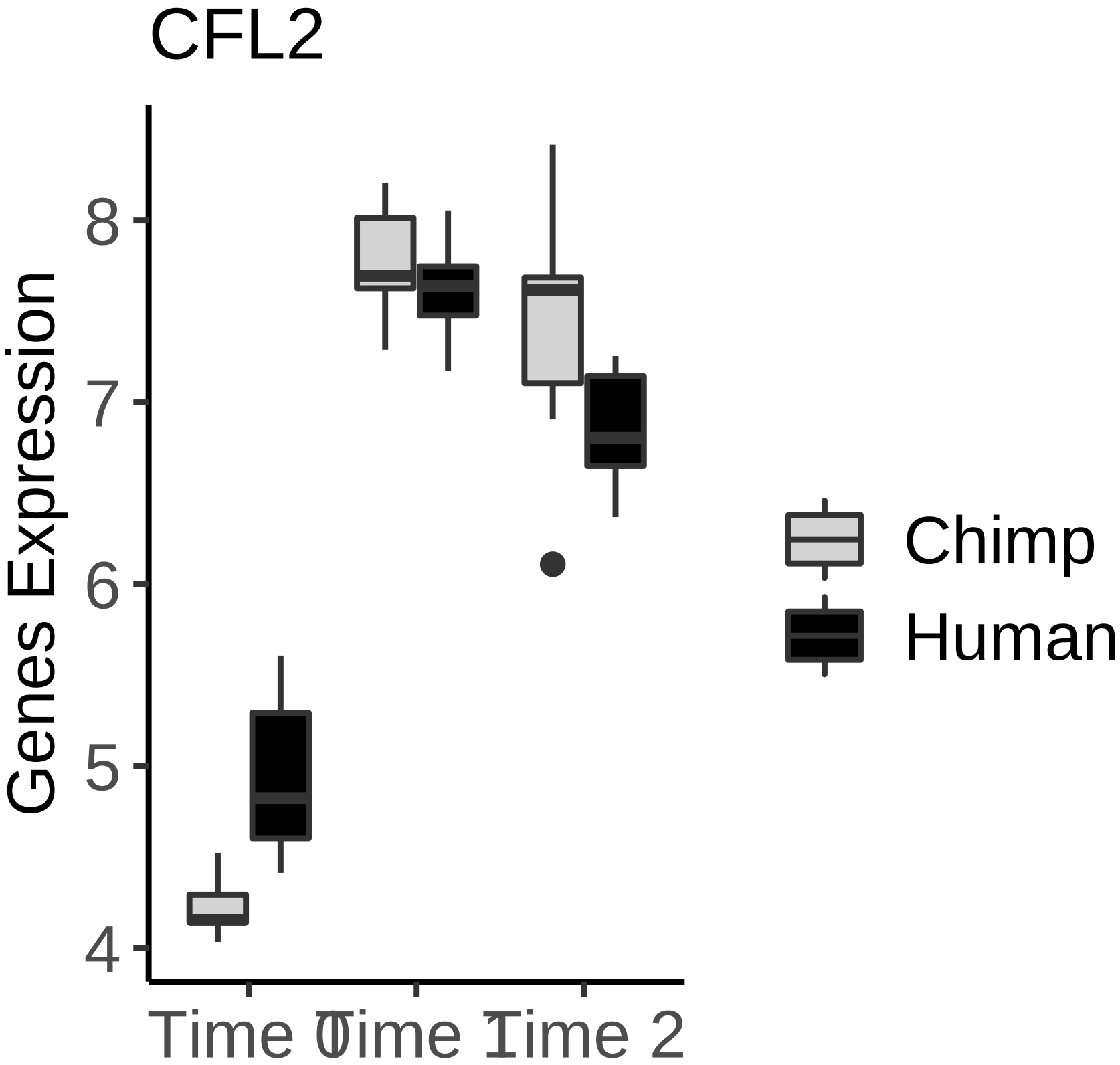
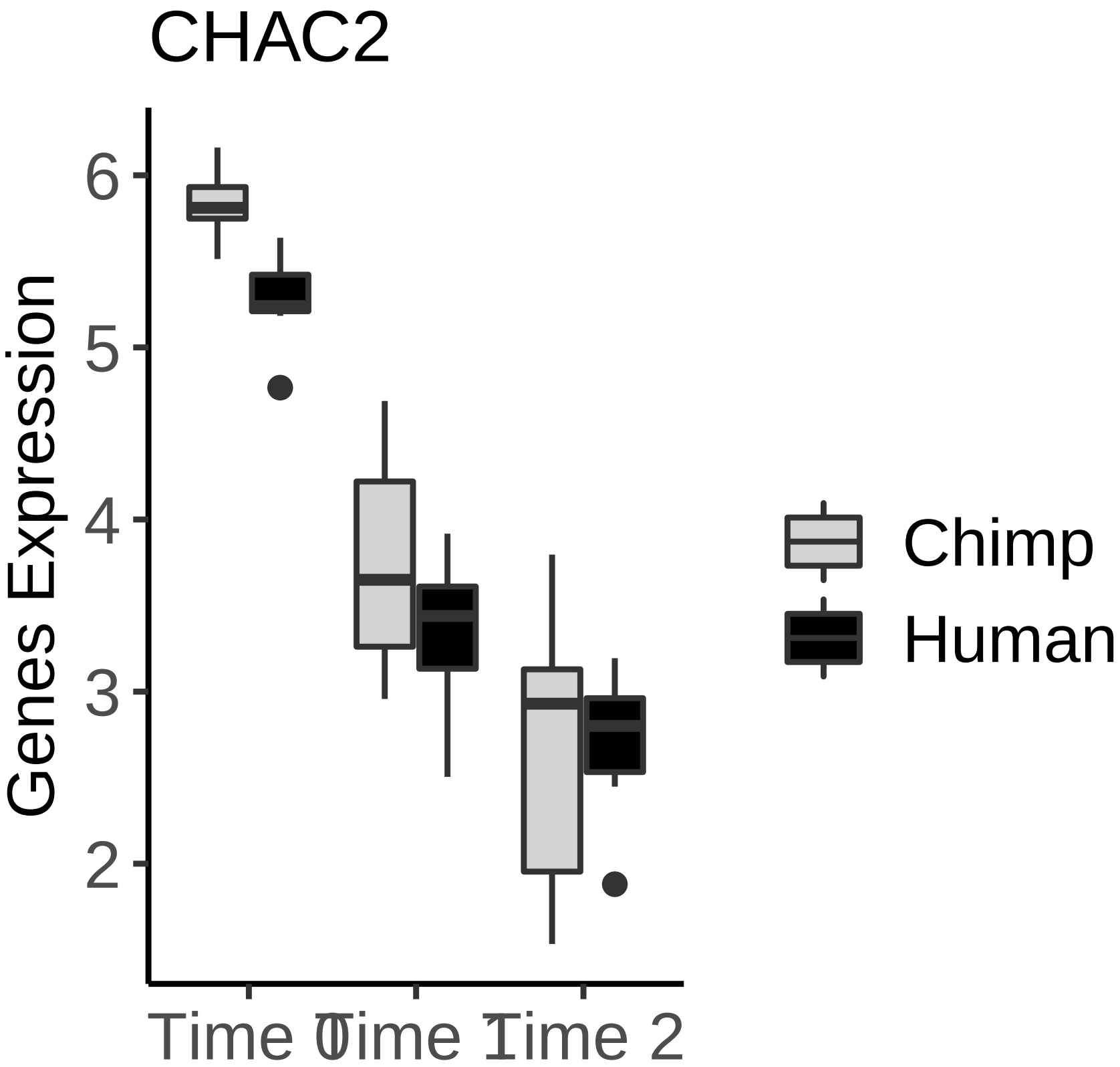

CFL2
Genes Expression
8
7
6
5
4
Time 0
Time 1
Time 2
Chimp
Human


CHAC2
Genes Expression
6
5
4
3
2
Time 0
Time 1
Time 2
Chimp
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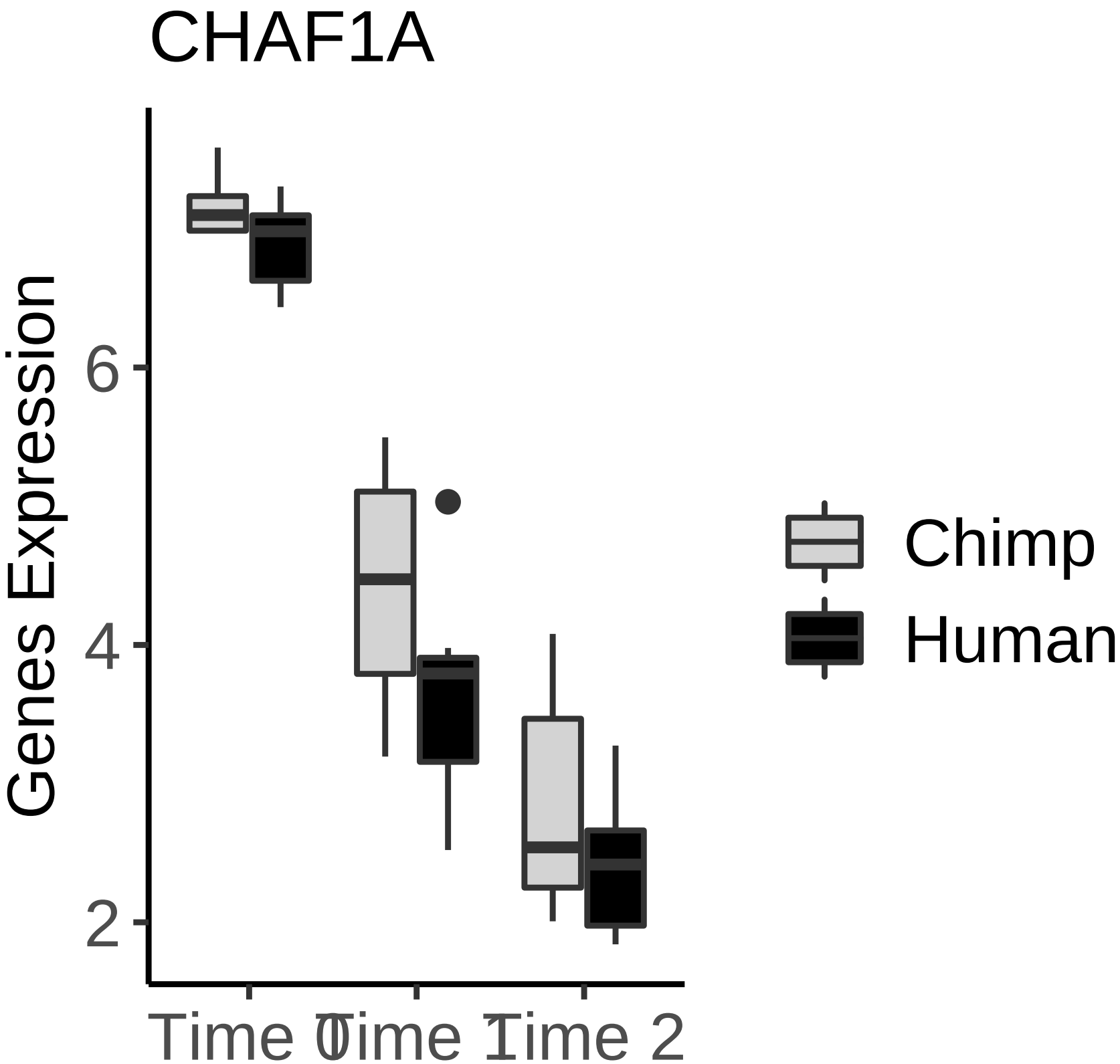
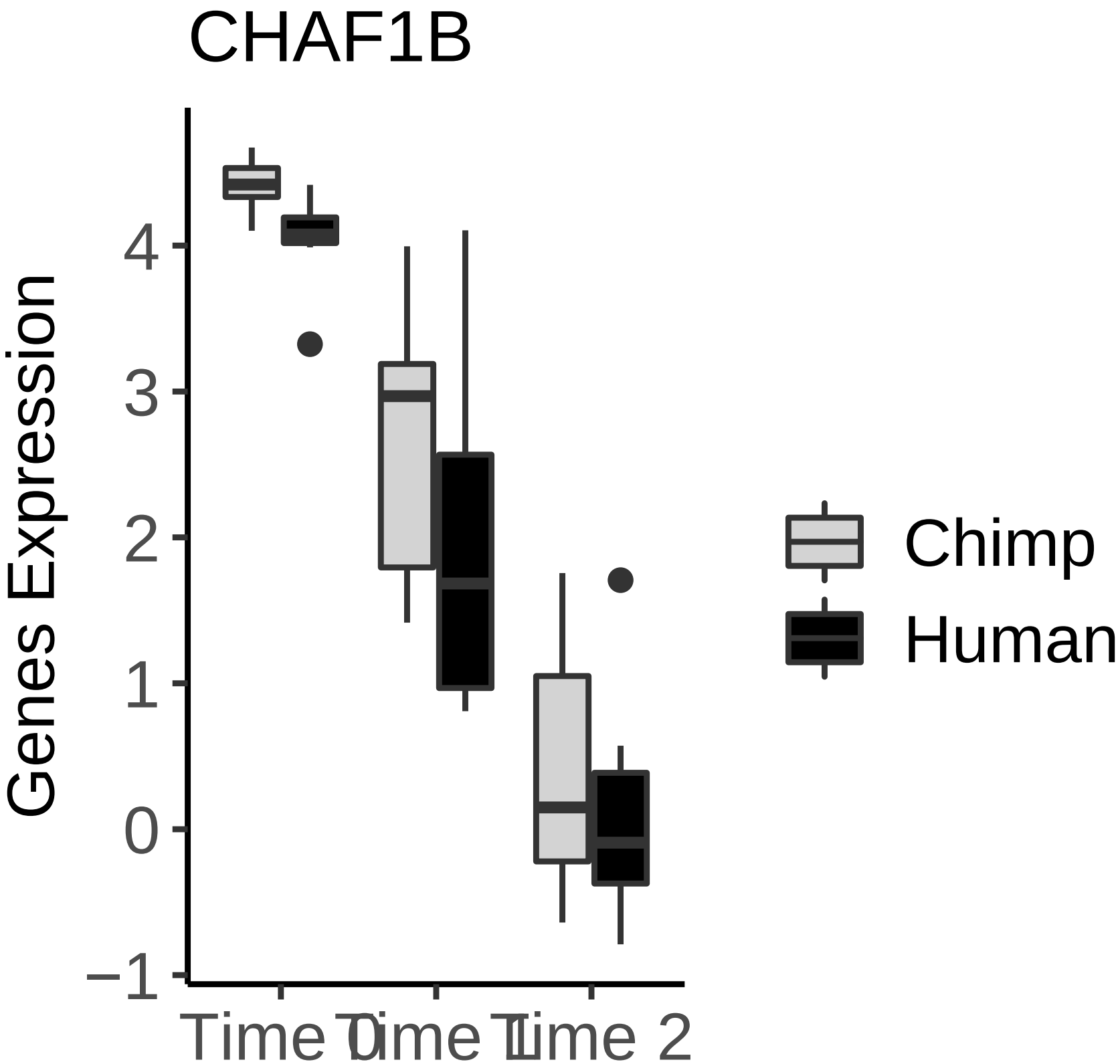

CHAF1A
Genes Expression
6
4
2
Time 0
Time 1
Time 2
Chimp
Human


CHAF1B
Genes Expression
4
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Time 0
Time 1
Time 2
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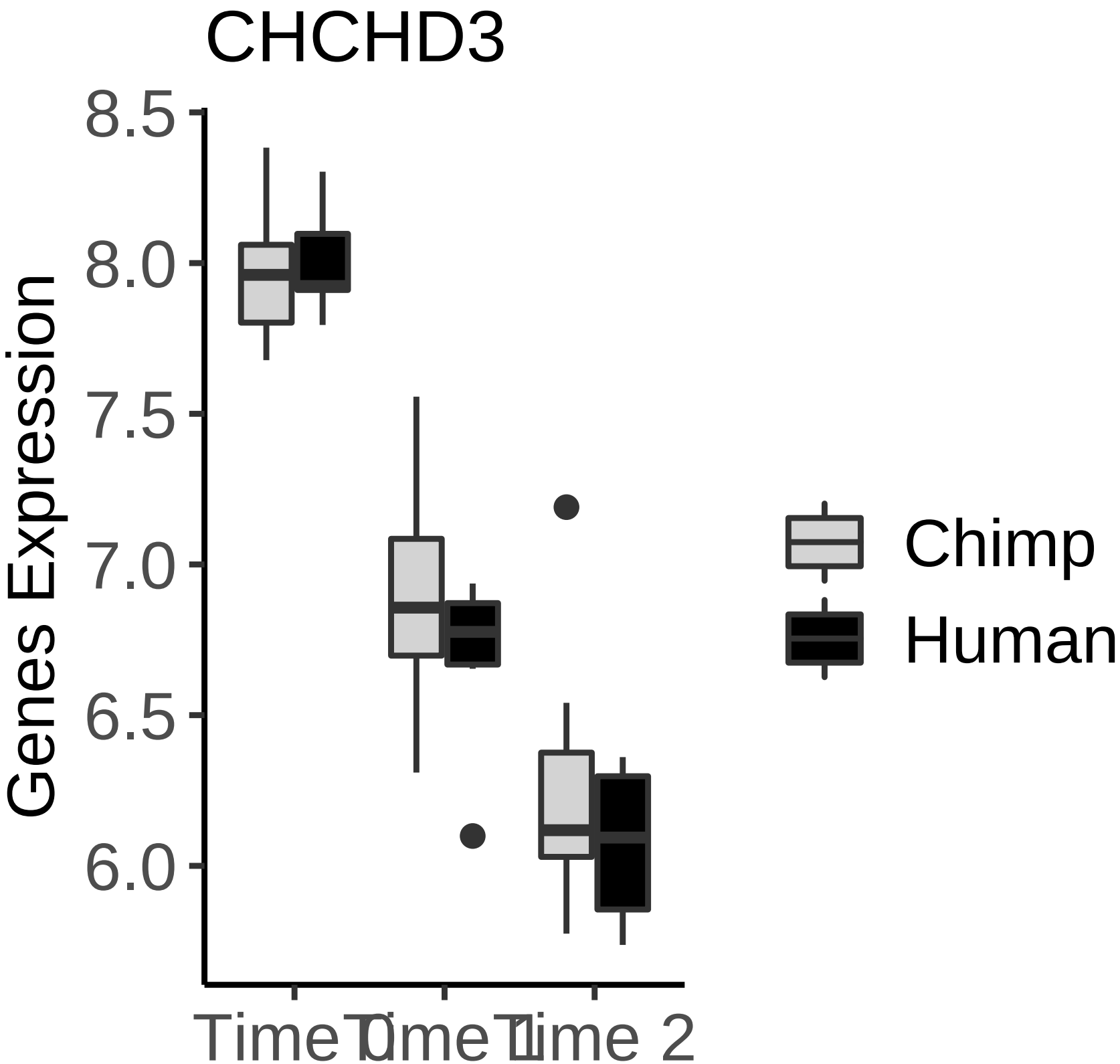
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Genes Expression
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6.0
Time 0
Time 1
Time 2
Chimp
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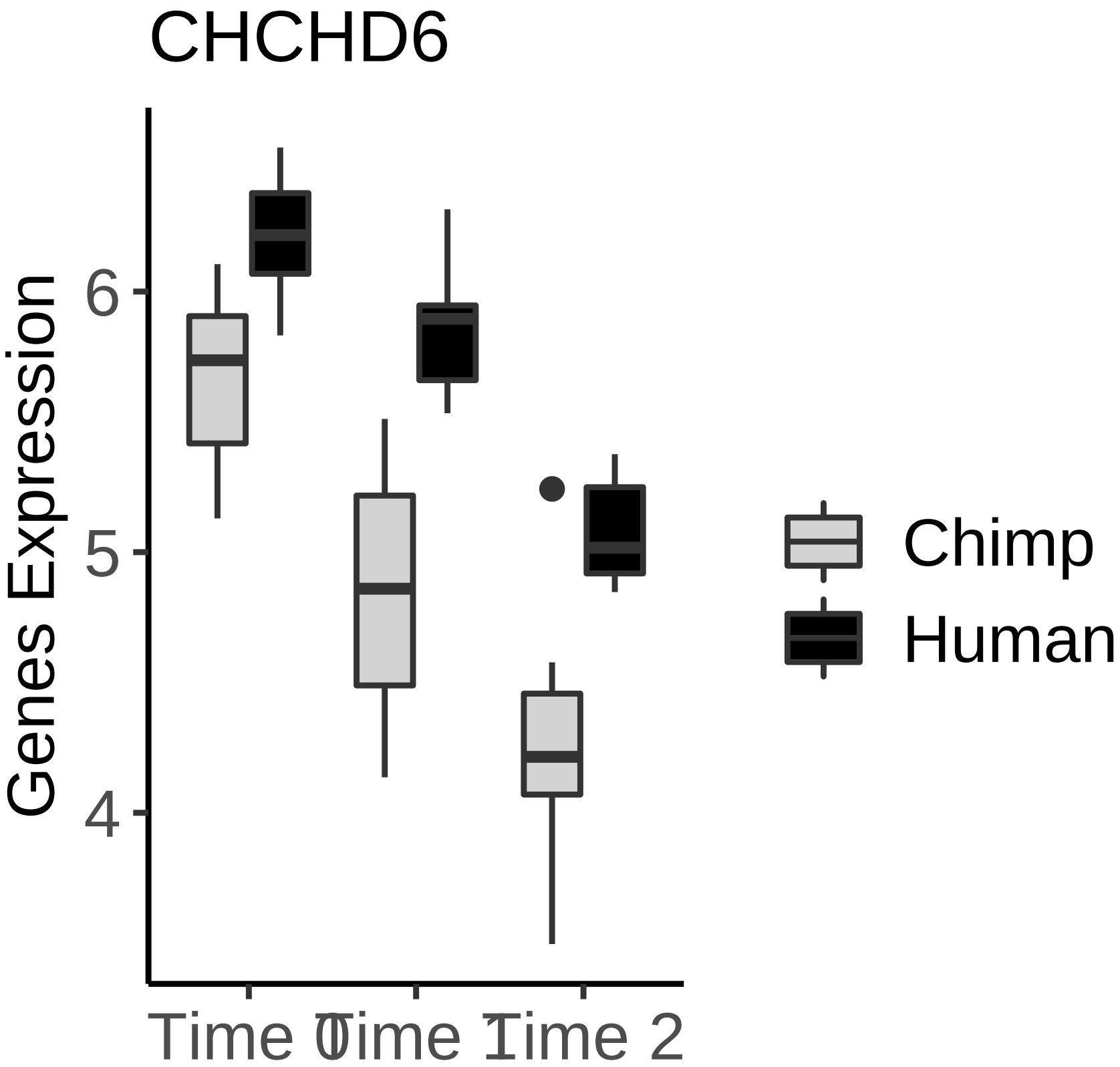
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Genes Expression
6
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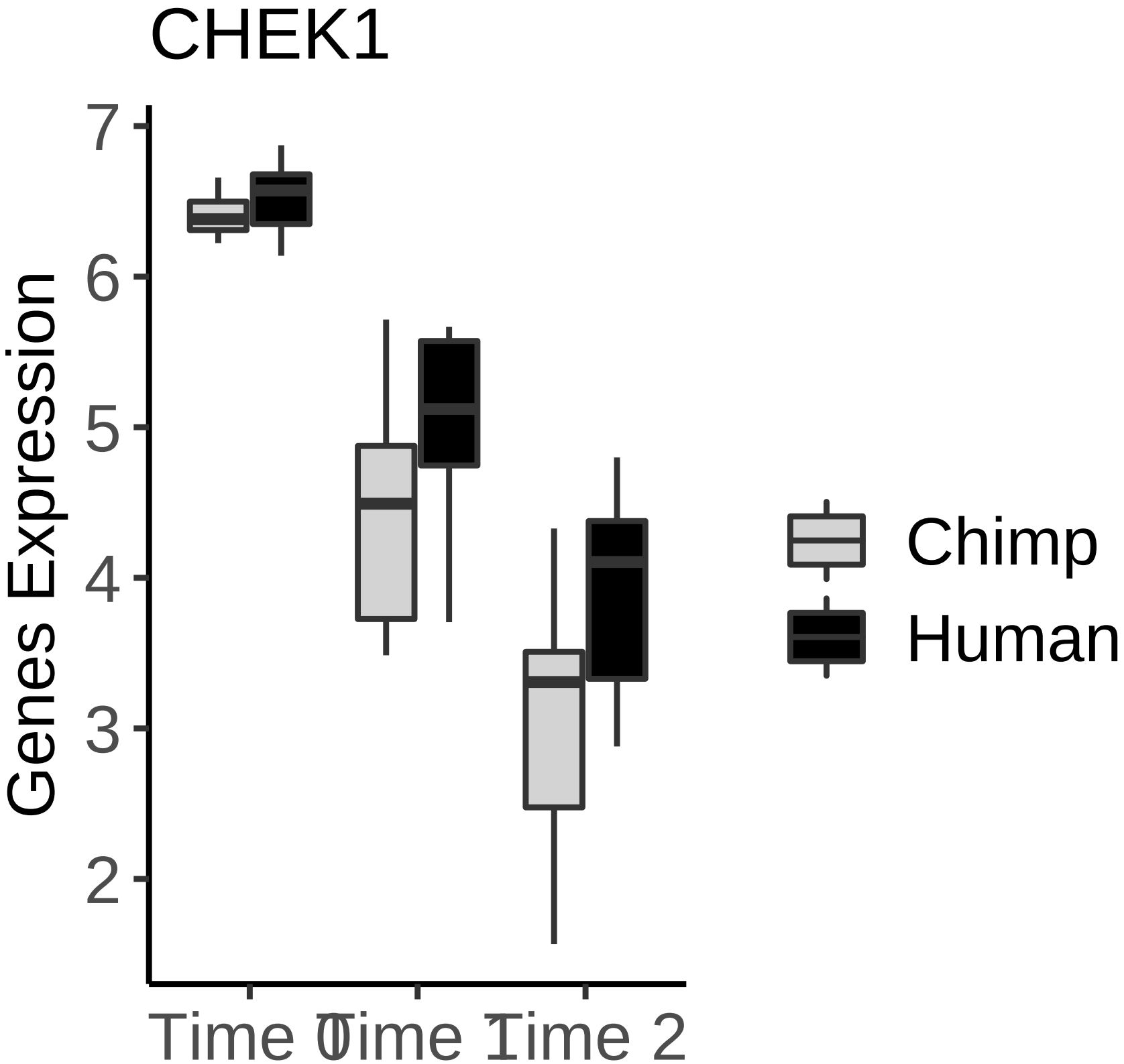
Time 1
Time 2
Chimp
Human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Genes Expression
7
6
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3
2
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Time 2
Chimp
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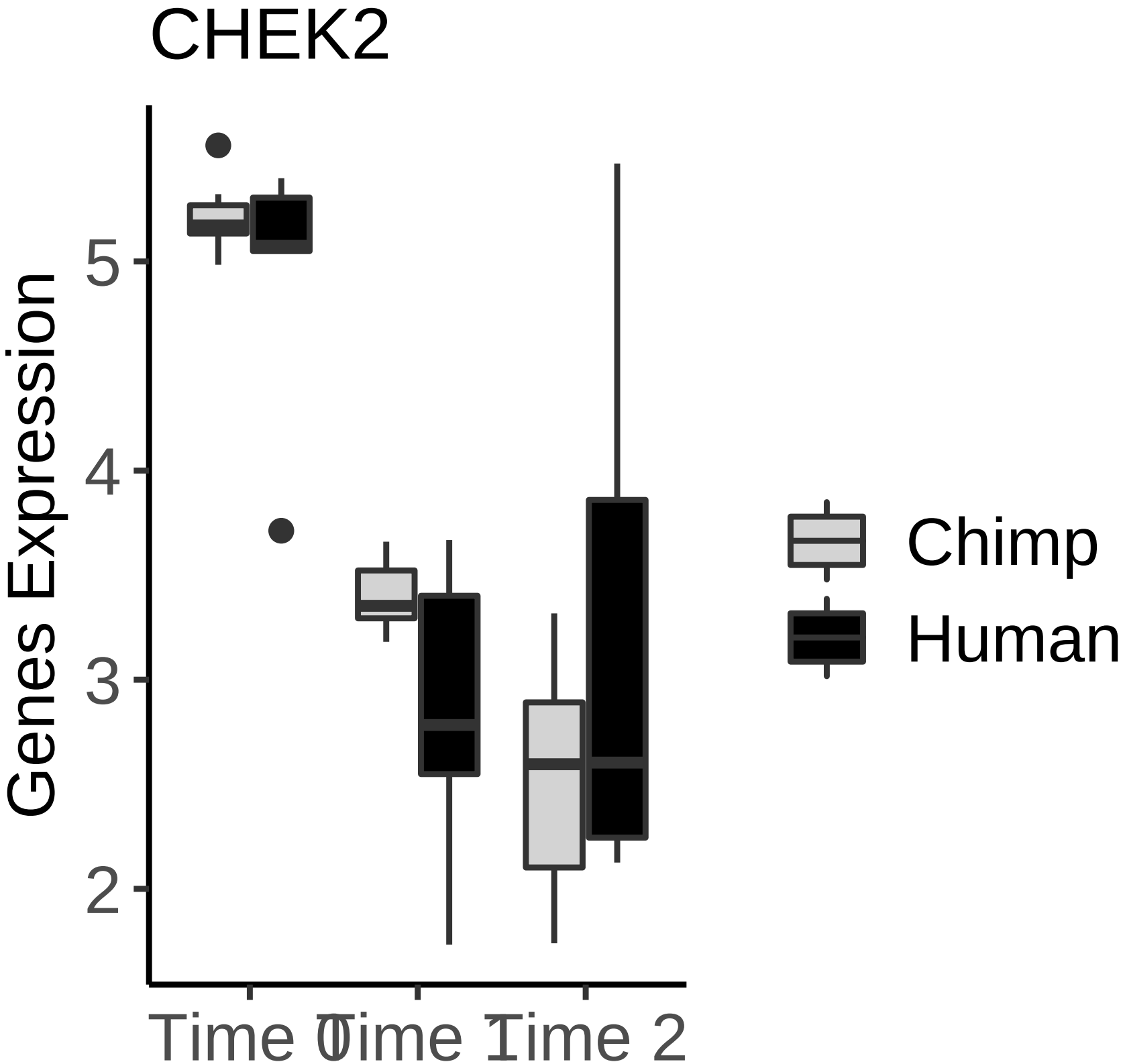
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Chimp
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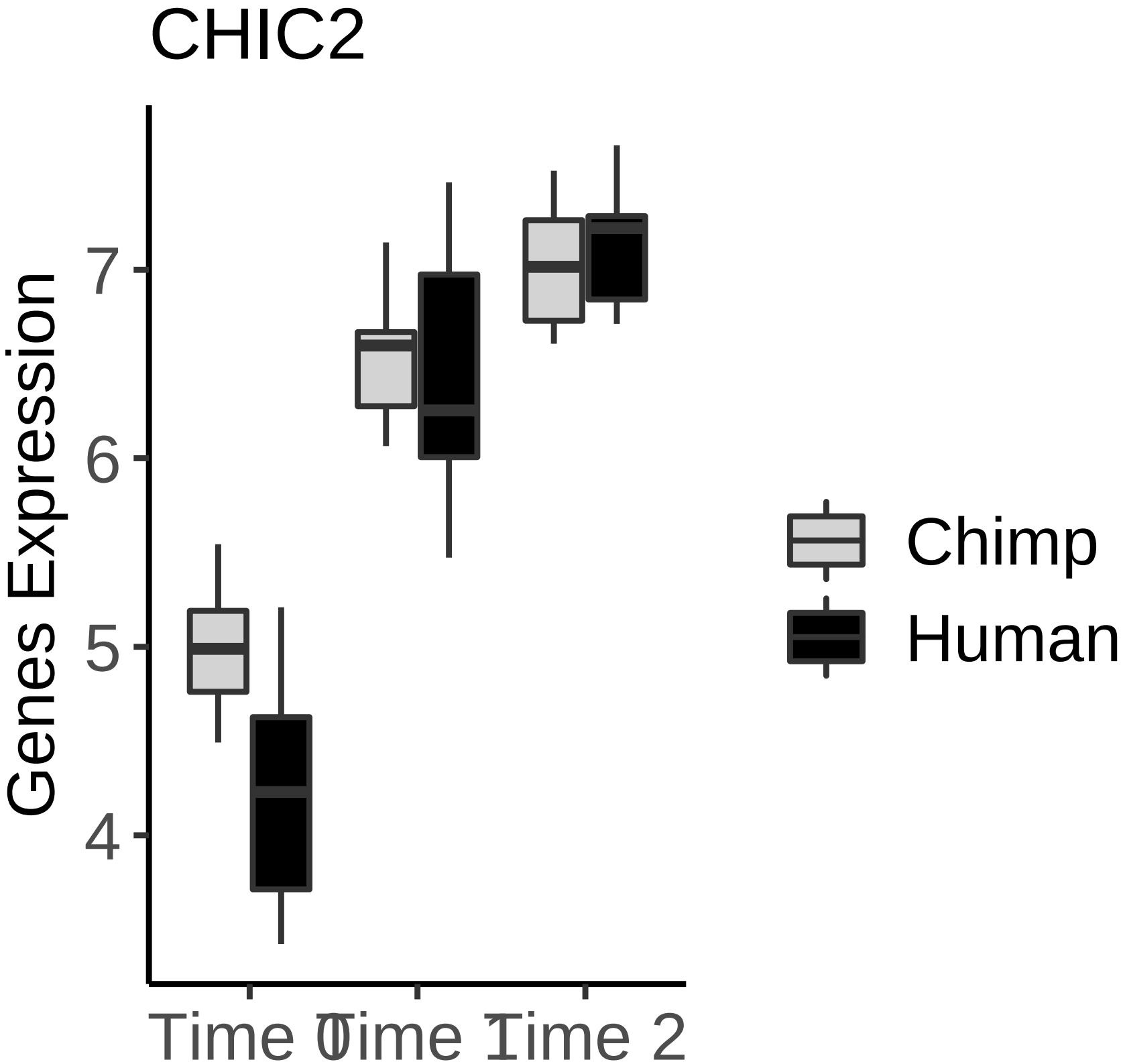
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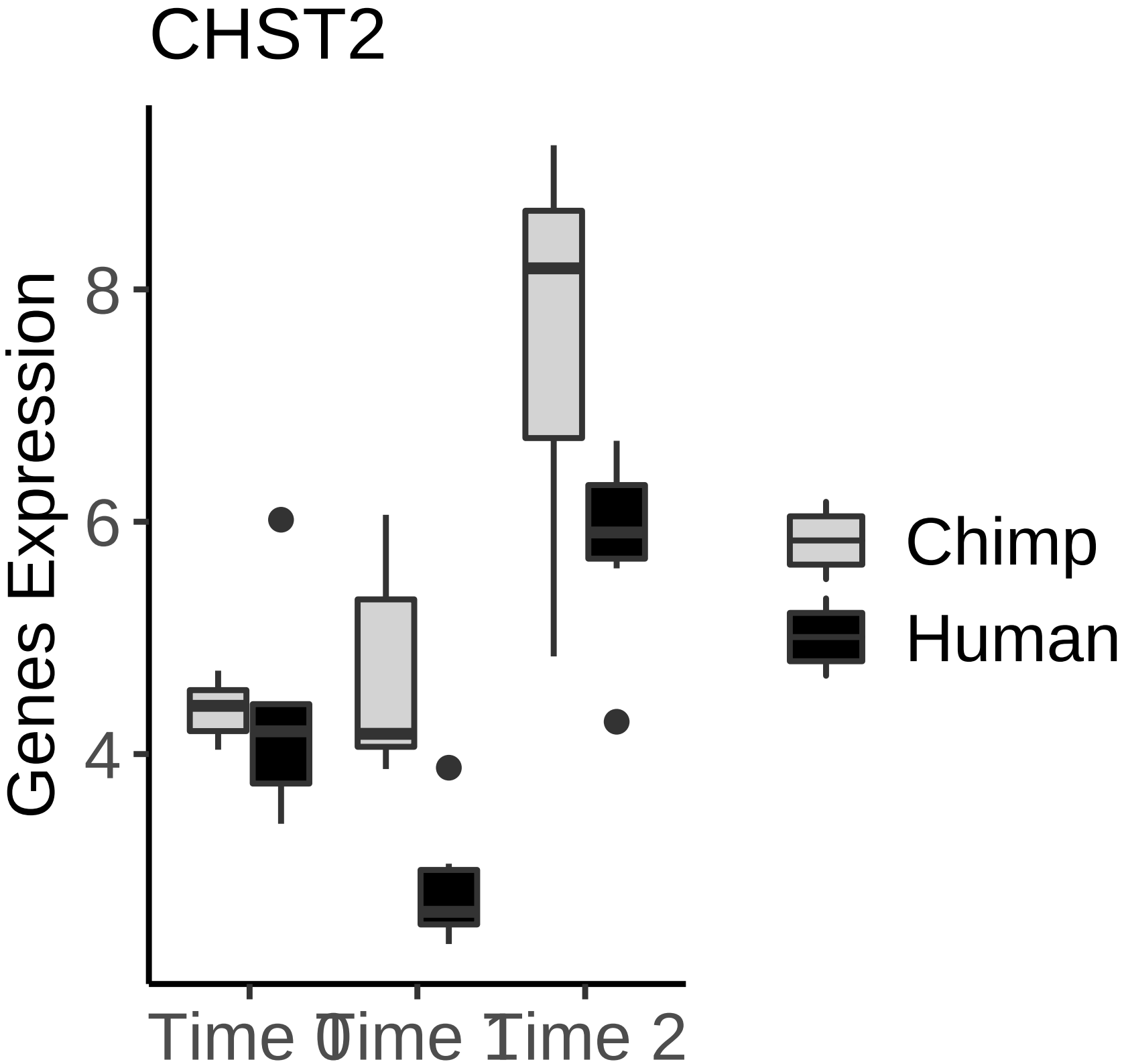
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Genes Expression
8
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Time 1
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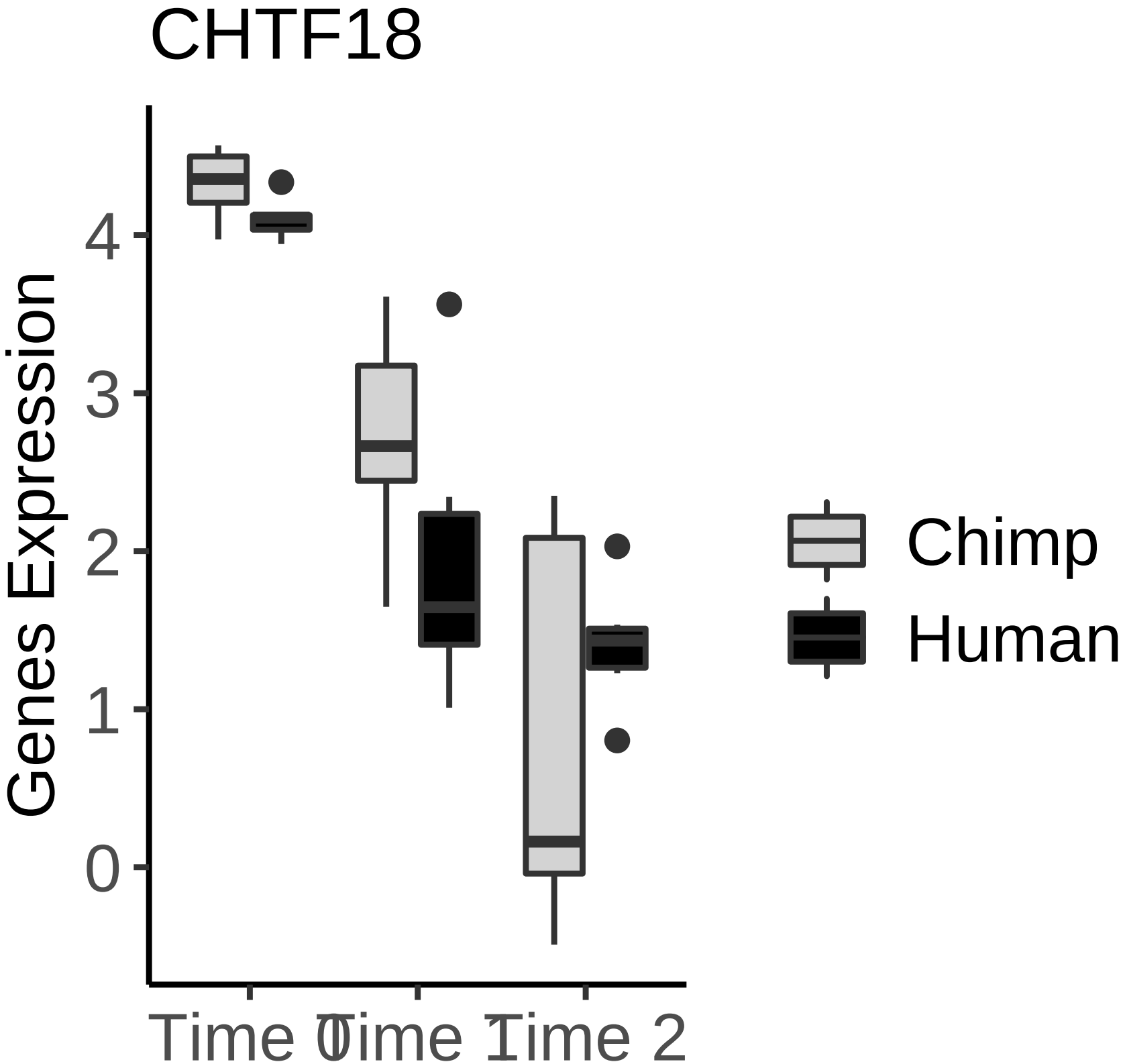
Chimp
Human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Genes Expression
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Time 2
Chimp
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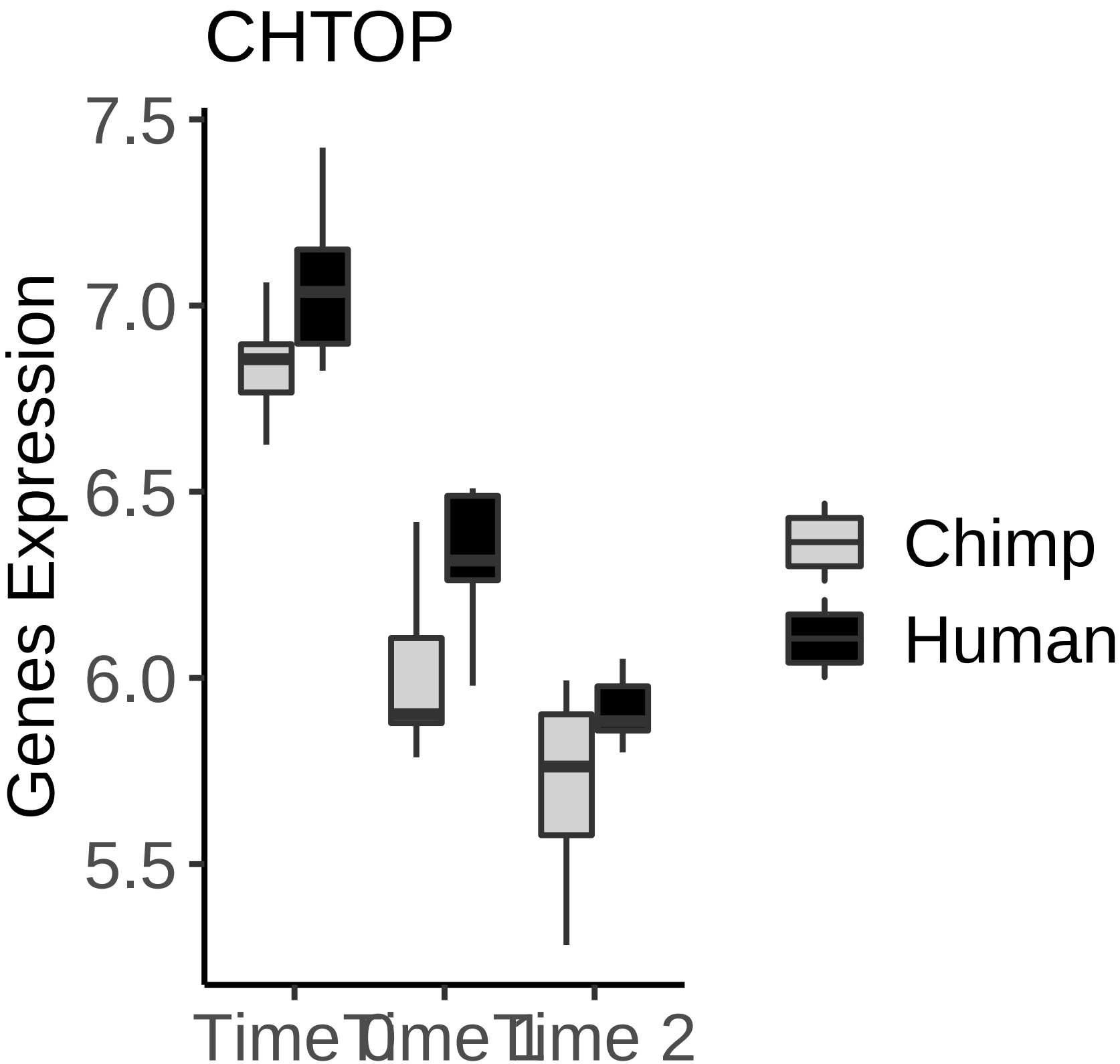
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Genes Expression
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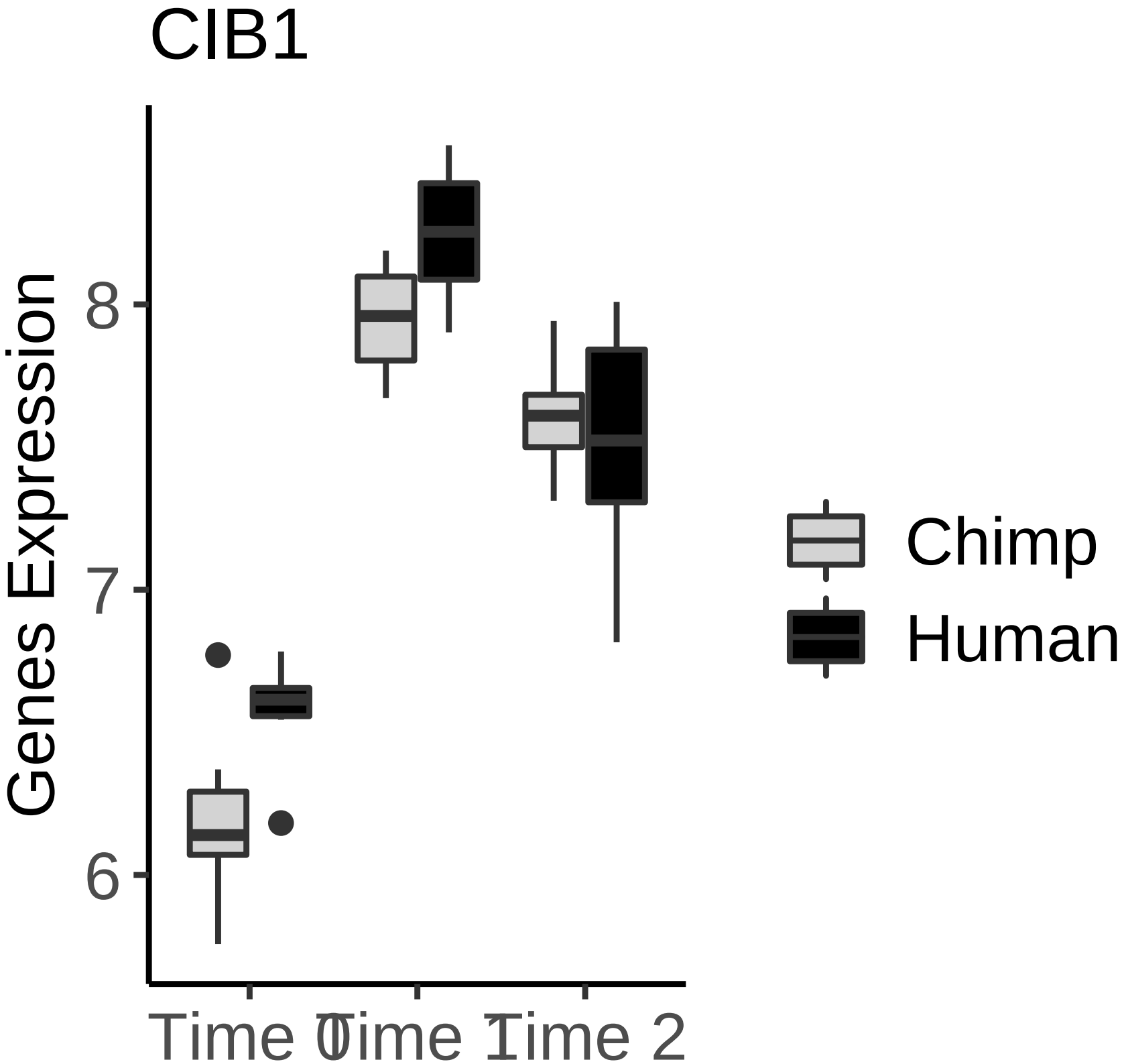
CIB1
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Chimp
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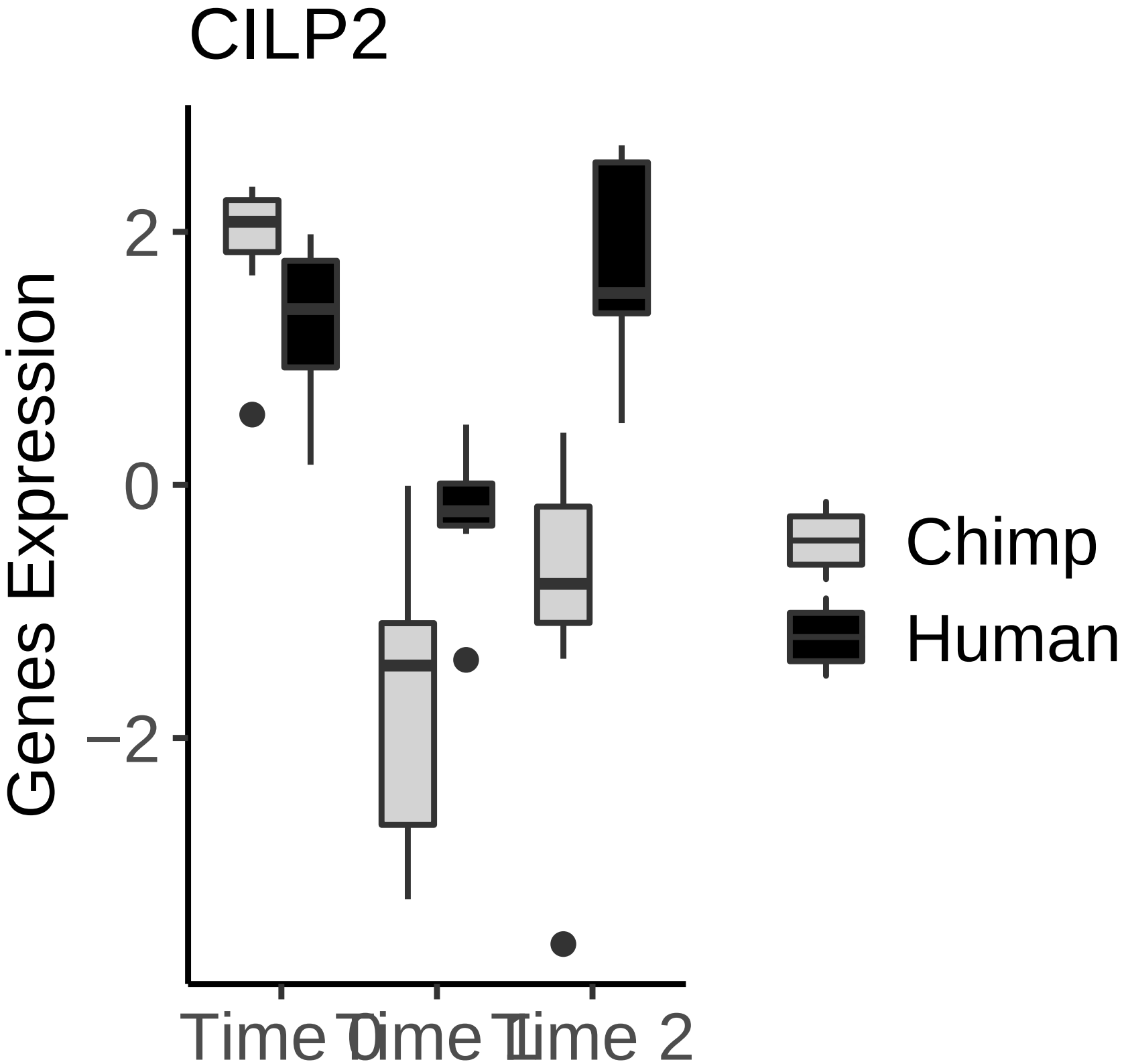
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Time 2
Chimp
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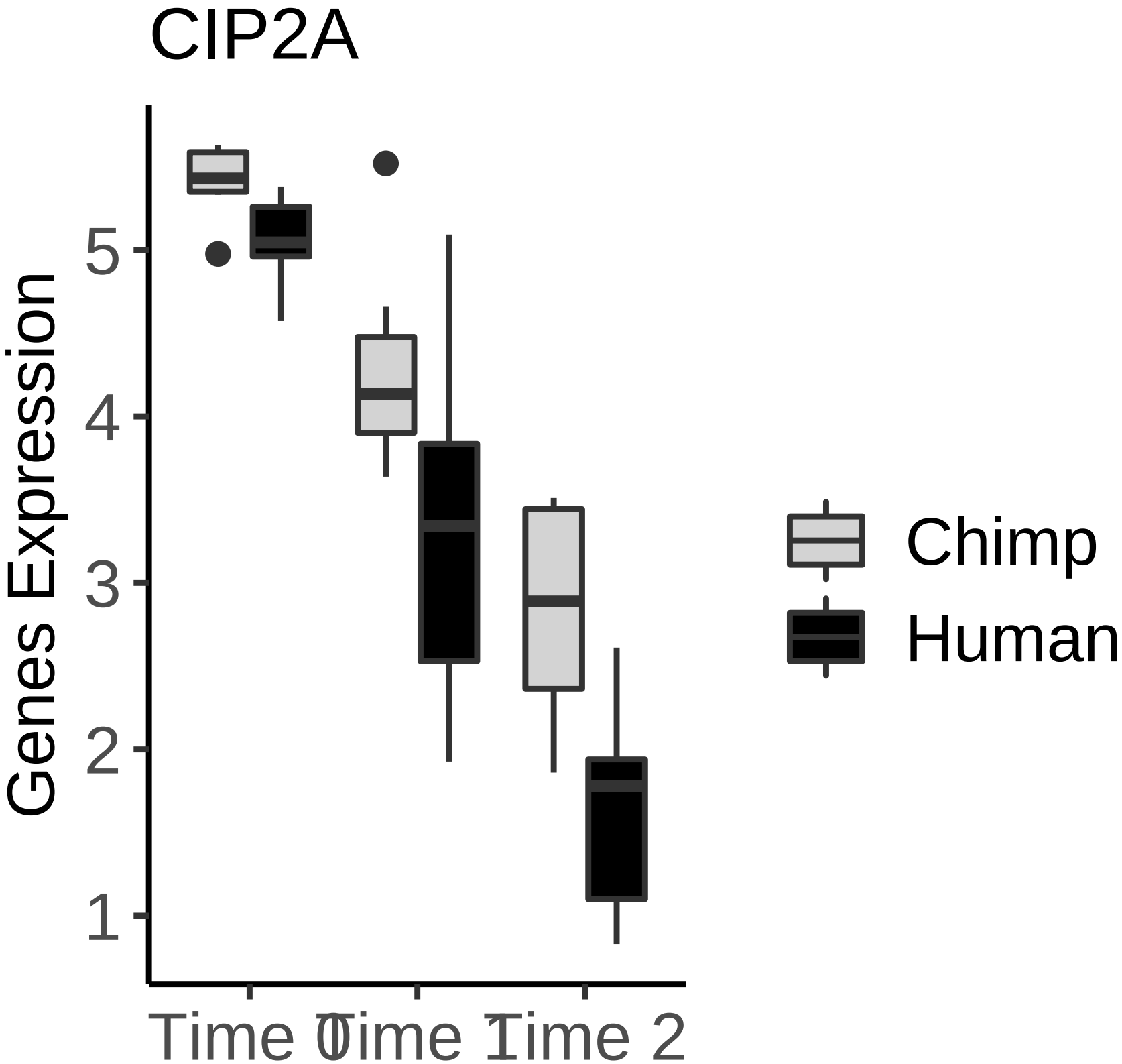
CIP2A
Genes Expression
5
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1
Time 0
Time 1
Time 2
Chimp
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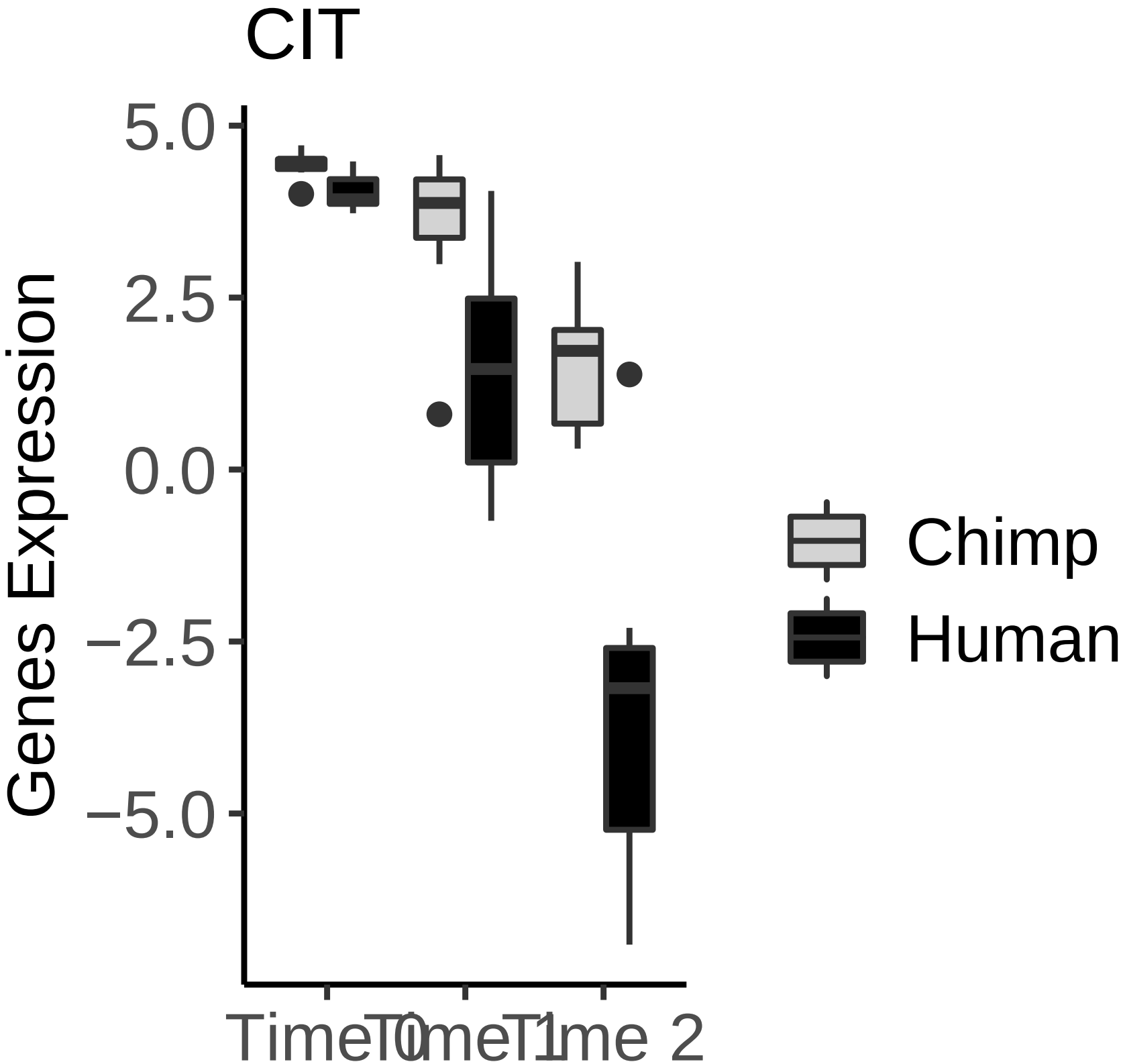
CIT
Genes Expression
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Time 0
Time 1
Time 2
Chimp
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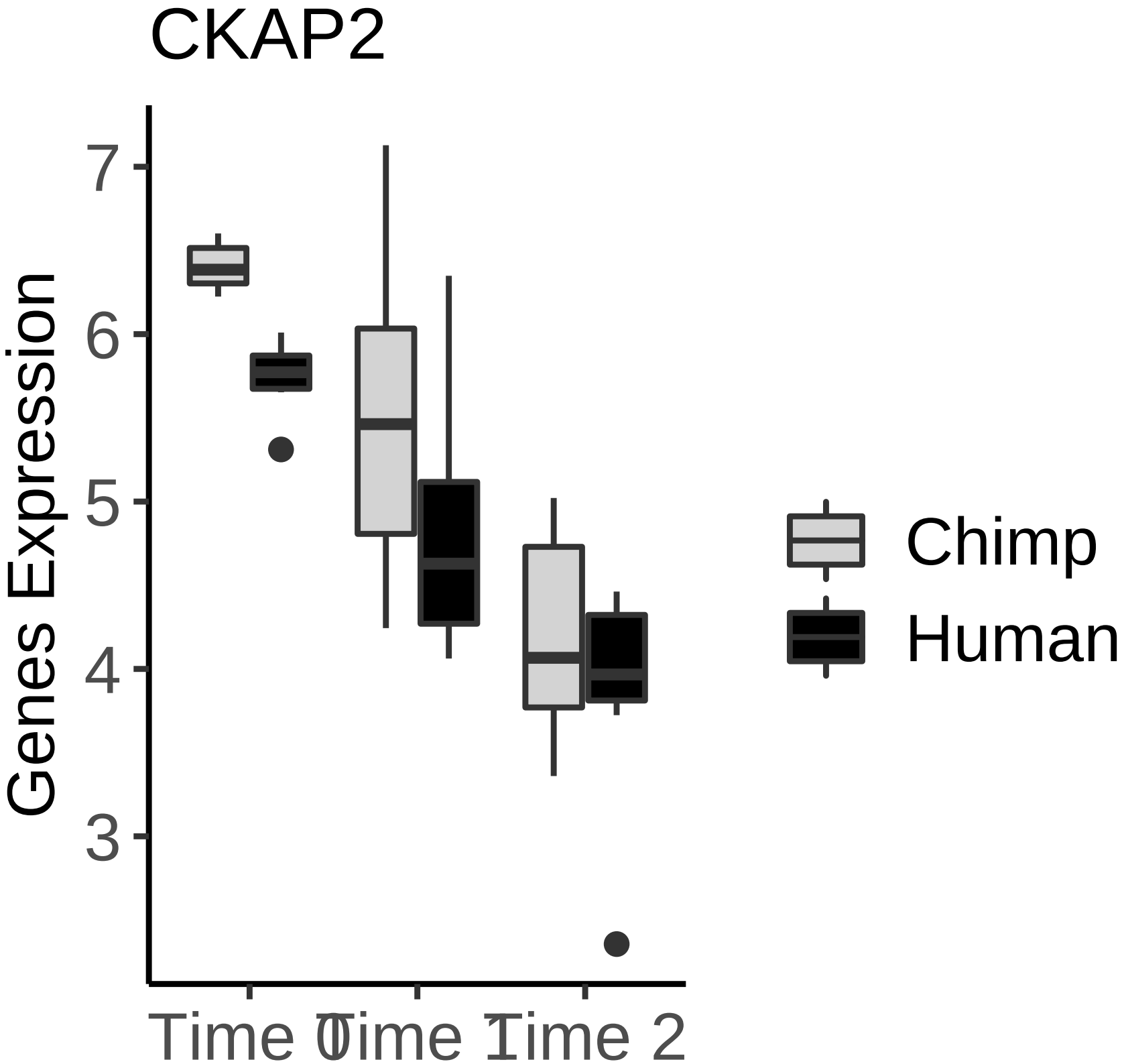
CKAP2
Genes Expression
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4
3
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Time 1
Time 2
Chimp
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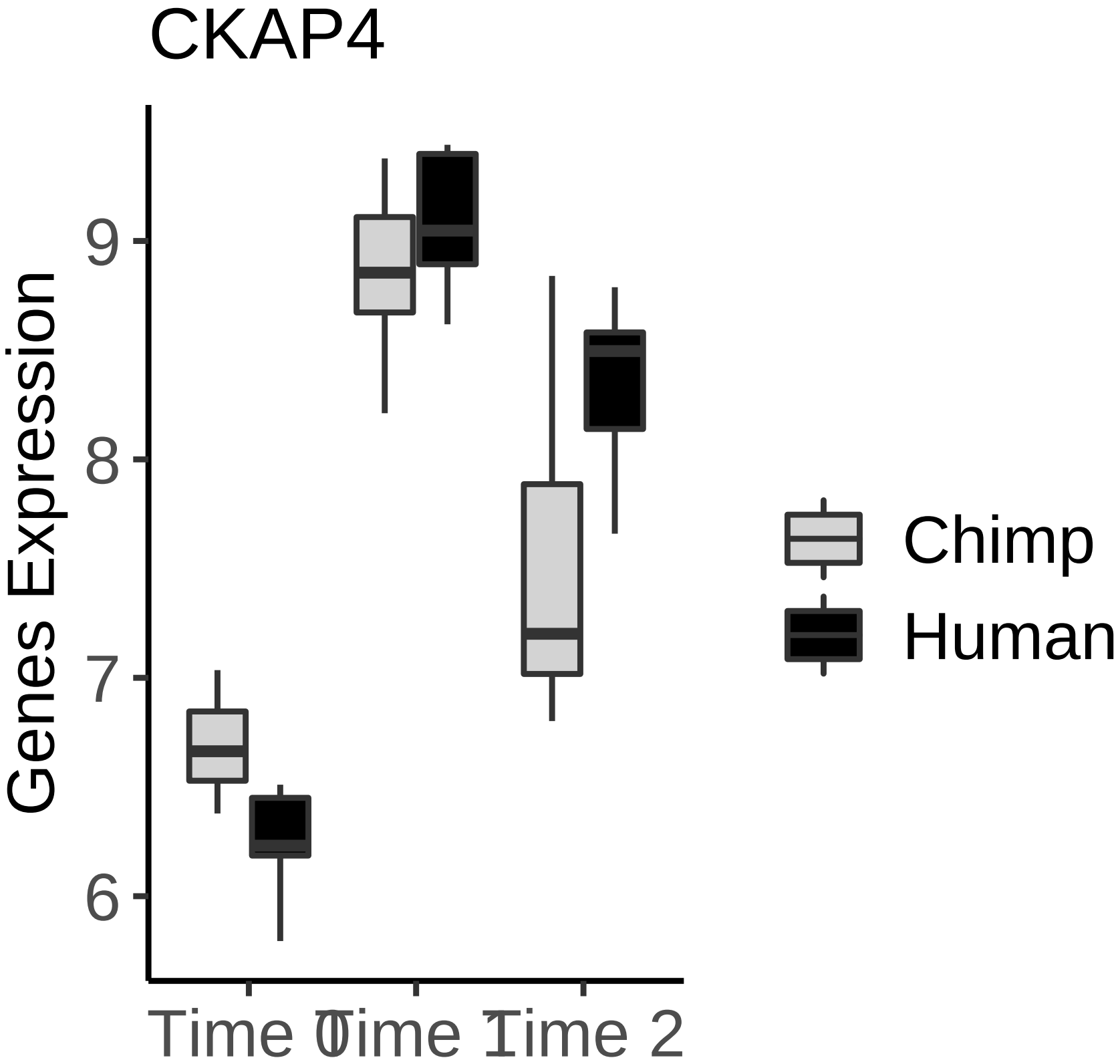
CKAP4
Genes Expression
9
8
7
6
Time 0
Time 1
Time 2
Chimp
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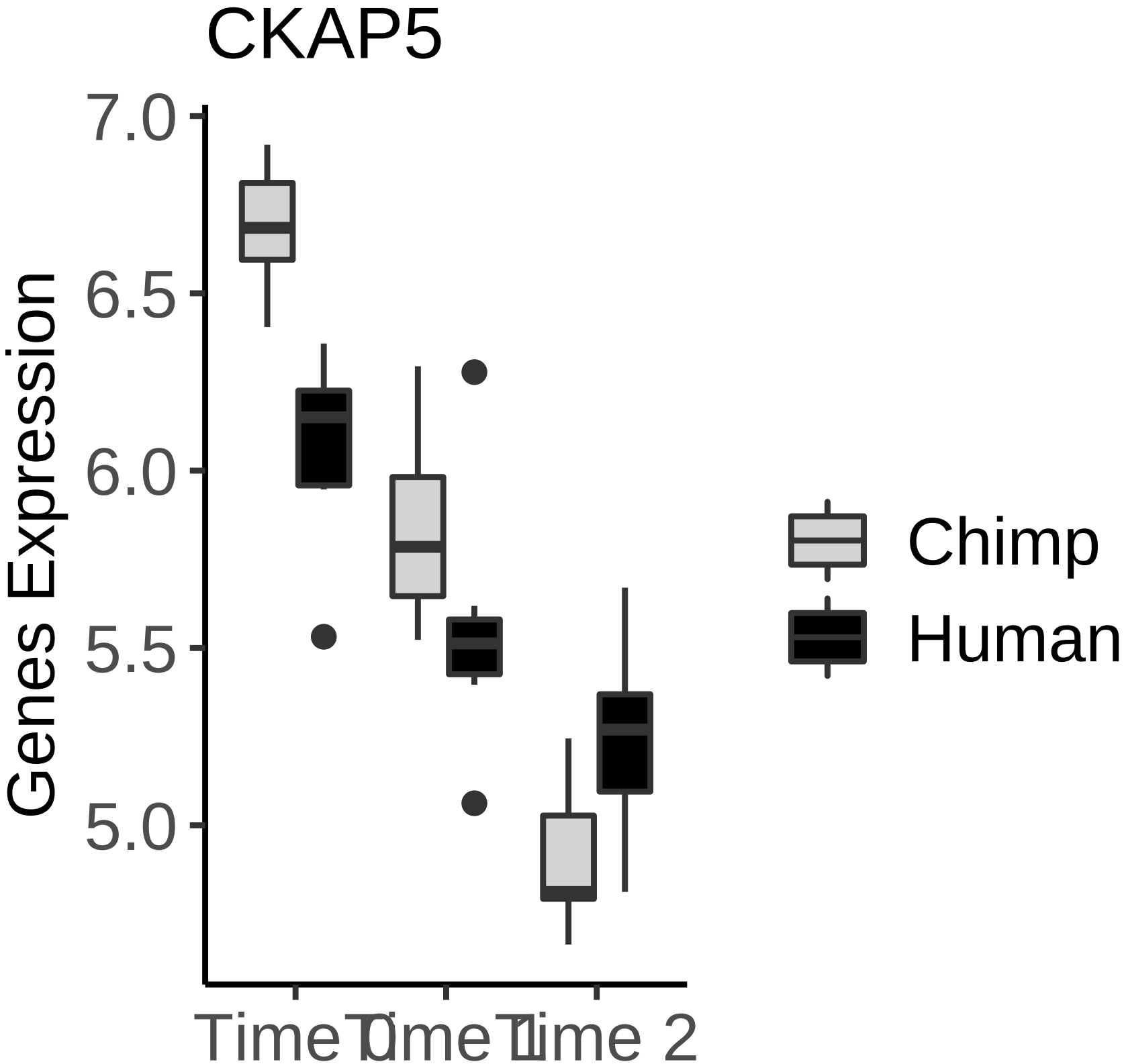
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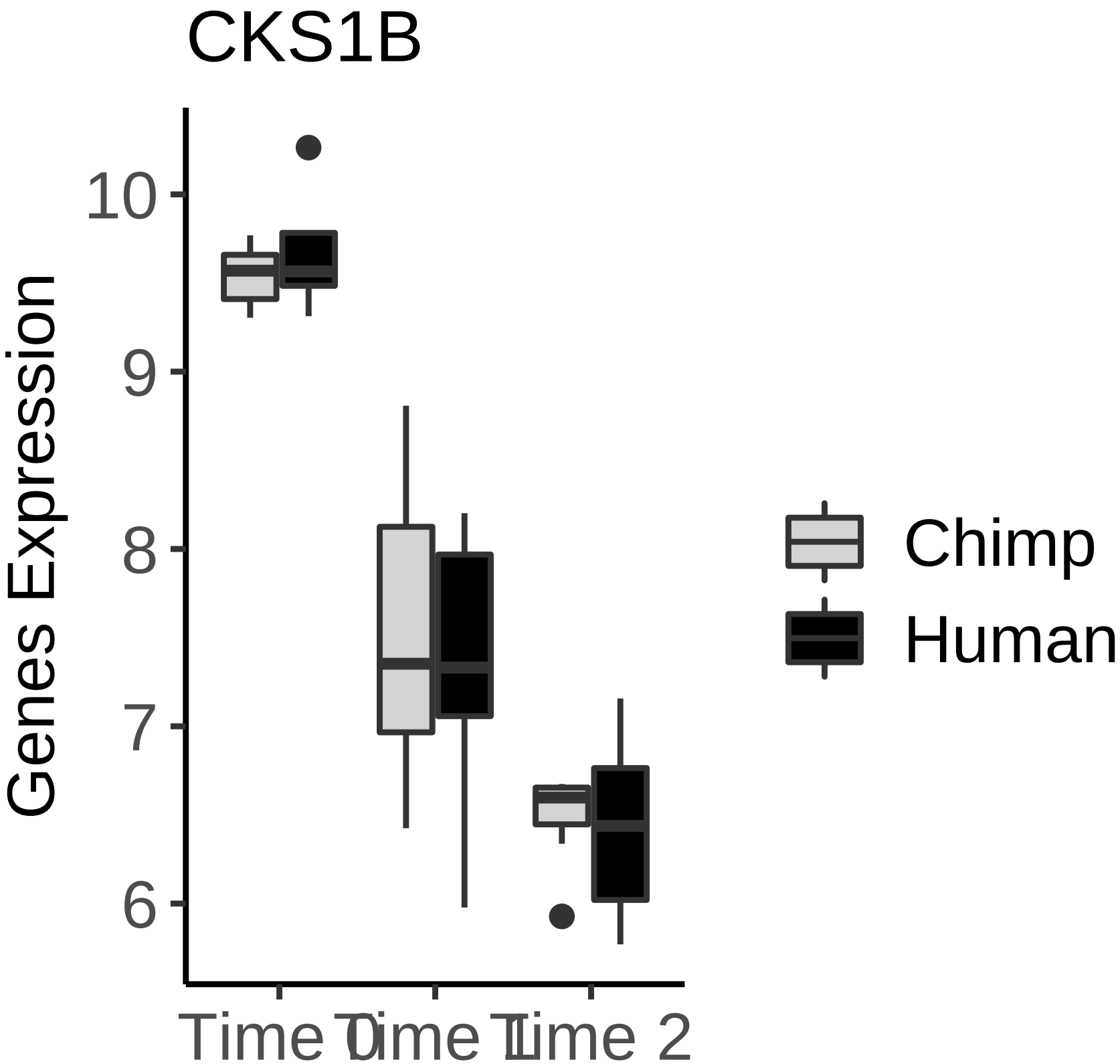
Genes Expression
7.0
6.5
6.0
5.5
5.0
Time 0
Time 1
Time 2
Chimp
Human


CKS1B
Genes Expression
10
9
8
7
6
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Time 1
Time 2
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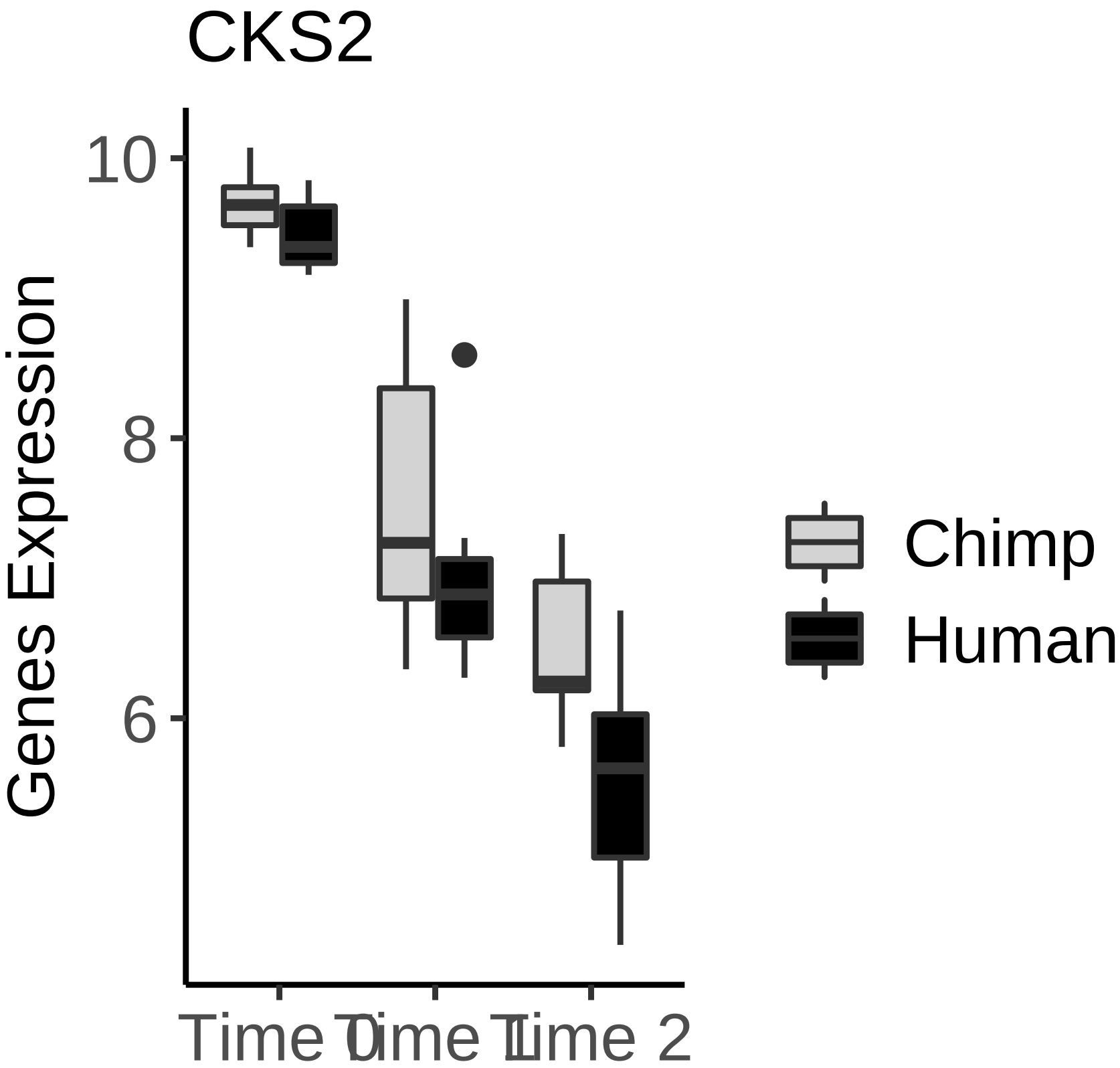
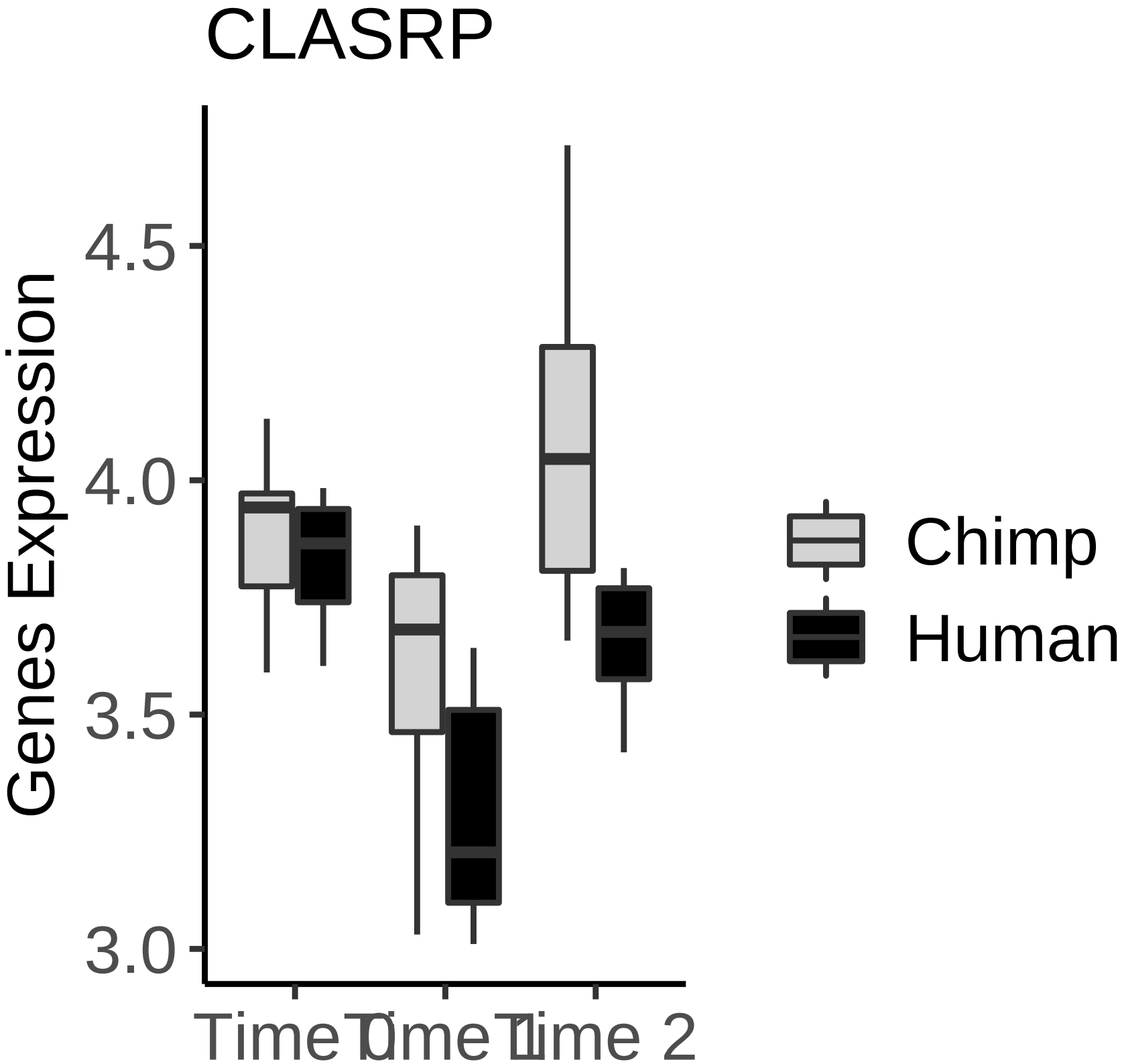

CKS2
Genes Expression
10
8
6
Time 0
Time 1
Time 2
Chimp
Human


CLASRP
Genes Expression
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3.0
Time 0
Time 1
Time 2
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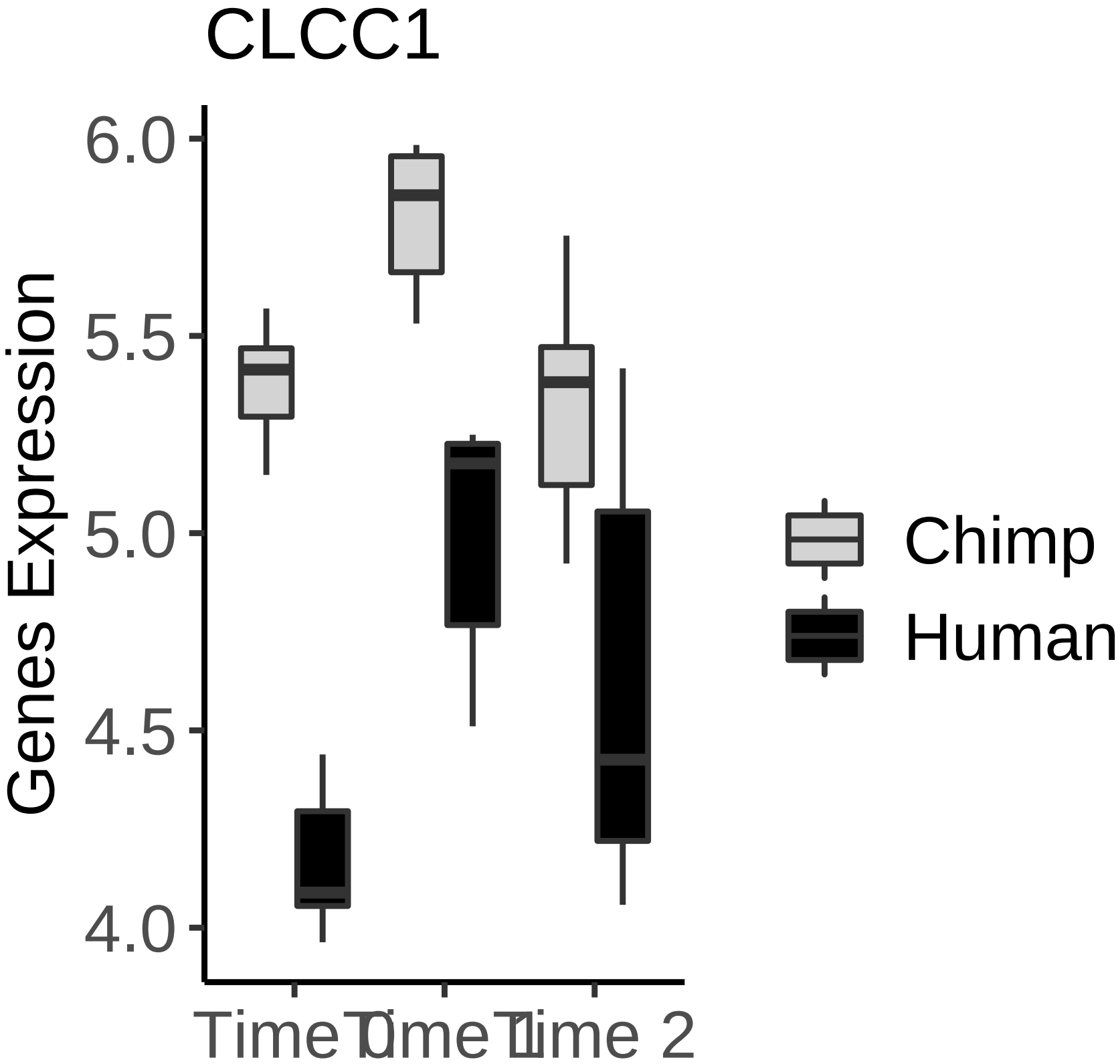
CLCC1
Genes Expression
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4.5
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Time 0
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Time 2
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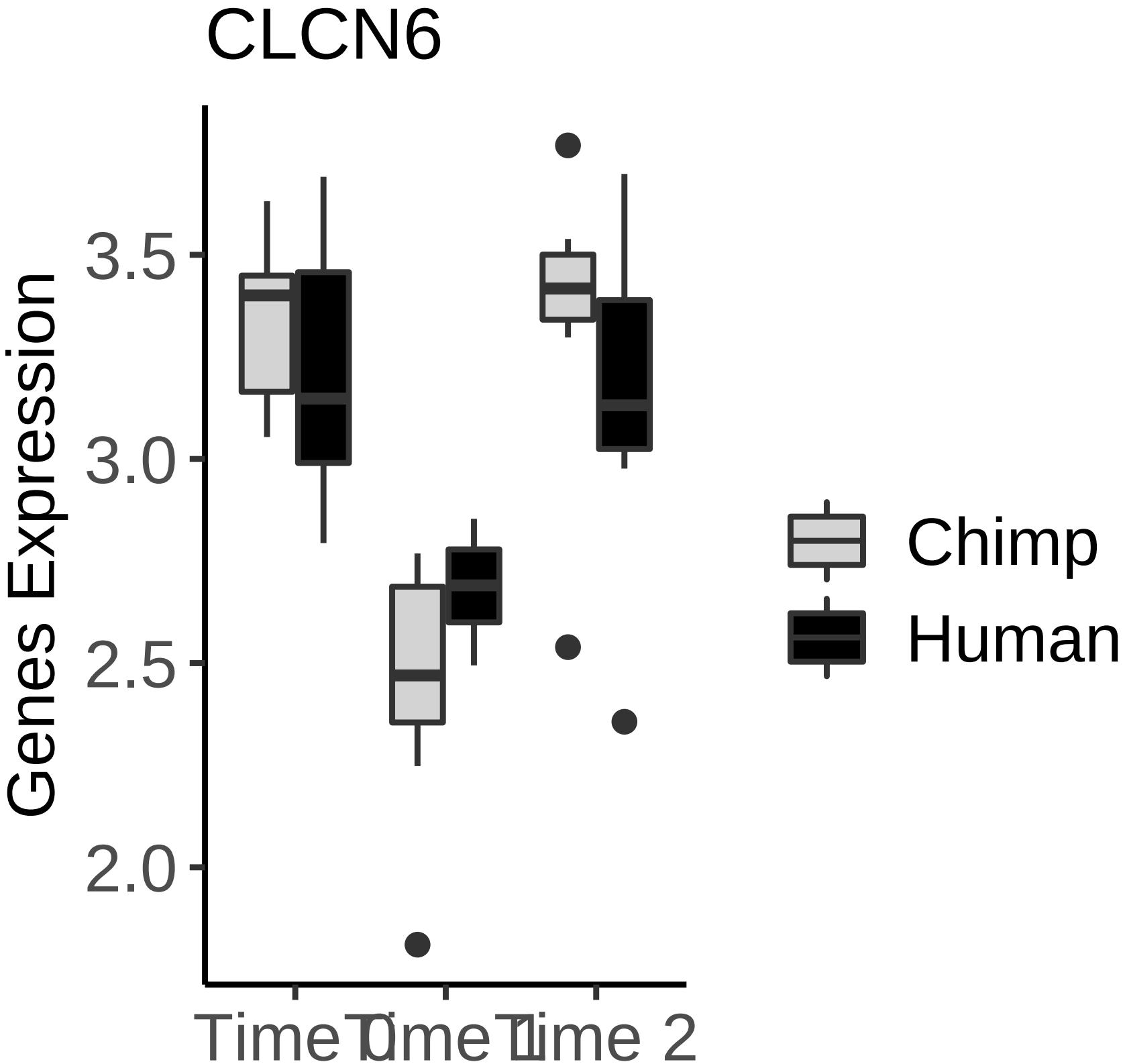
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2.0
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Time 2
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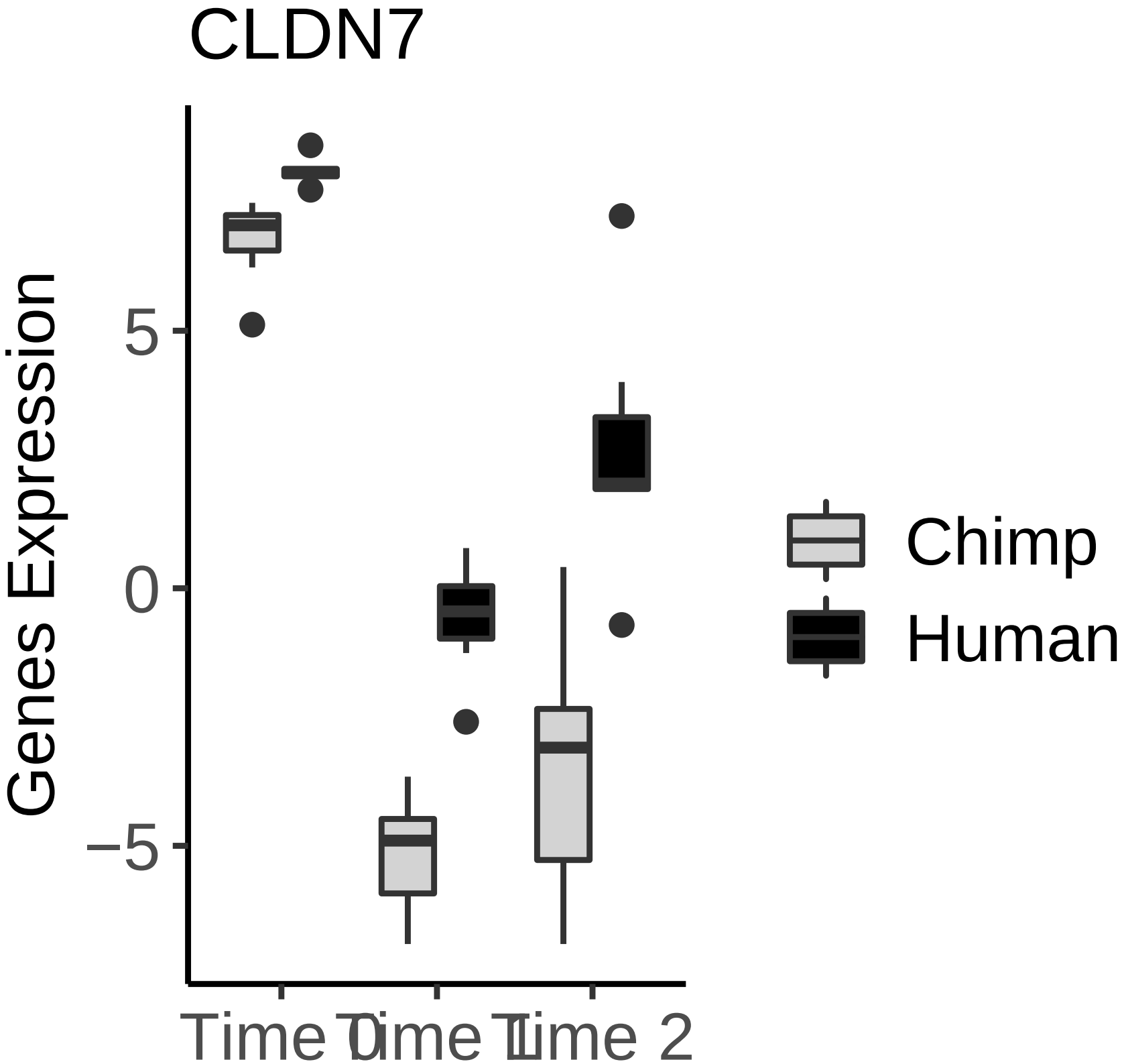
CLDN7
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Time 2
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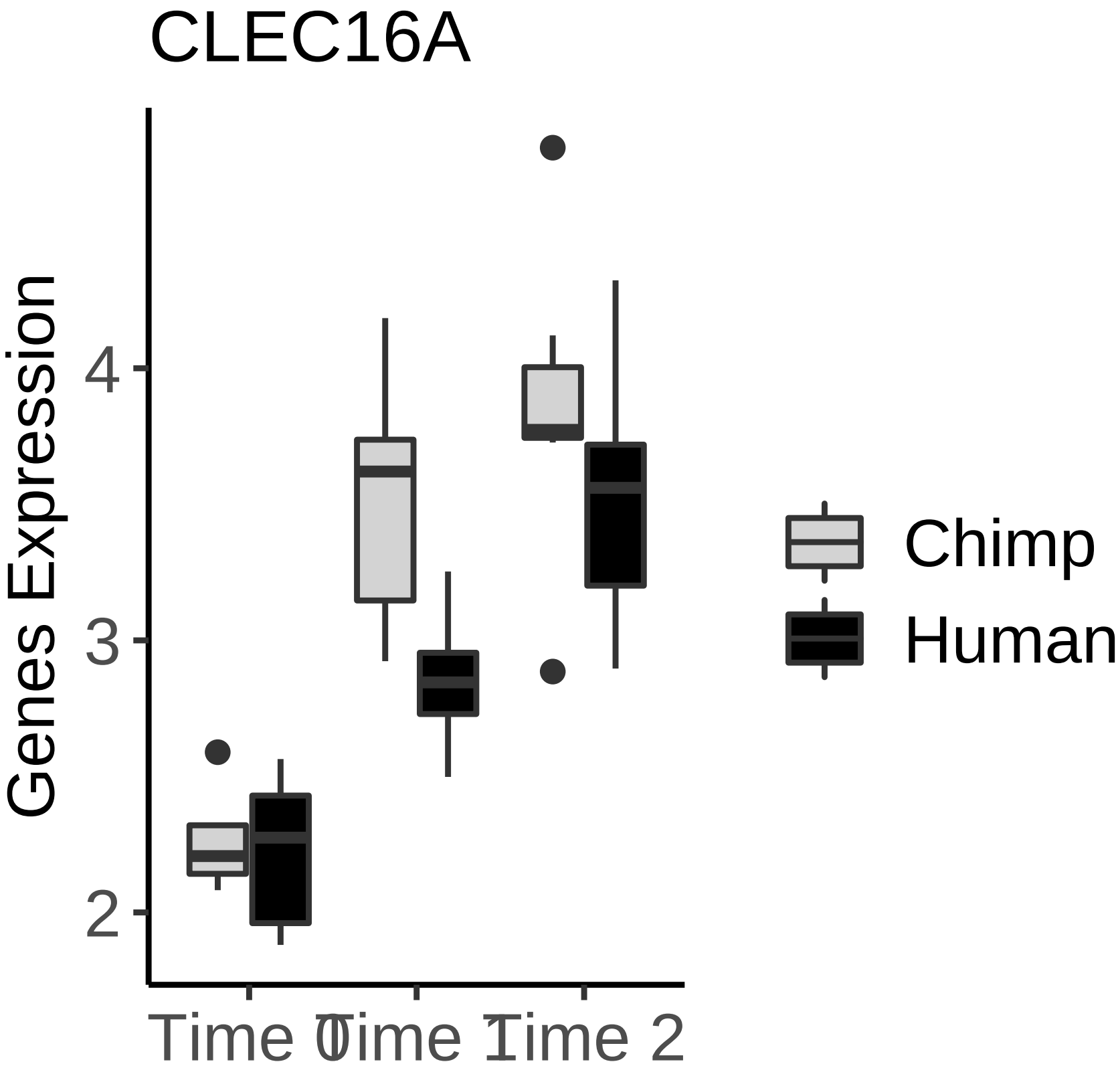
CLEC16A
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2
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Time 2
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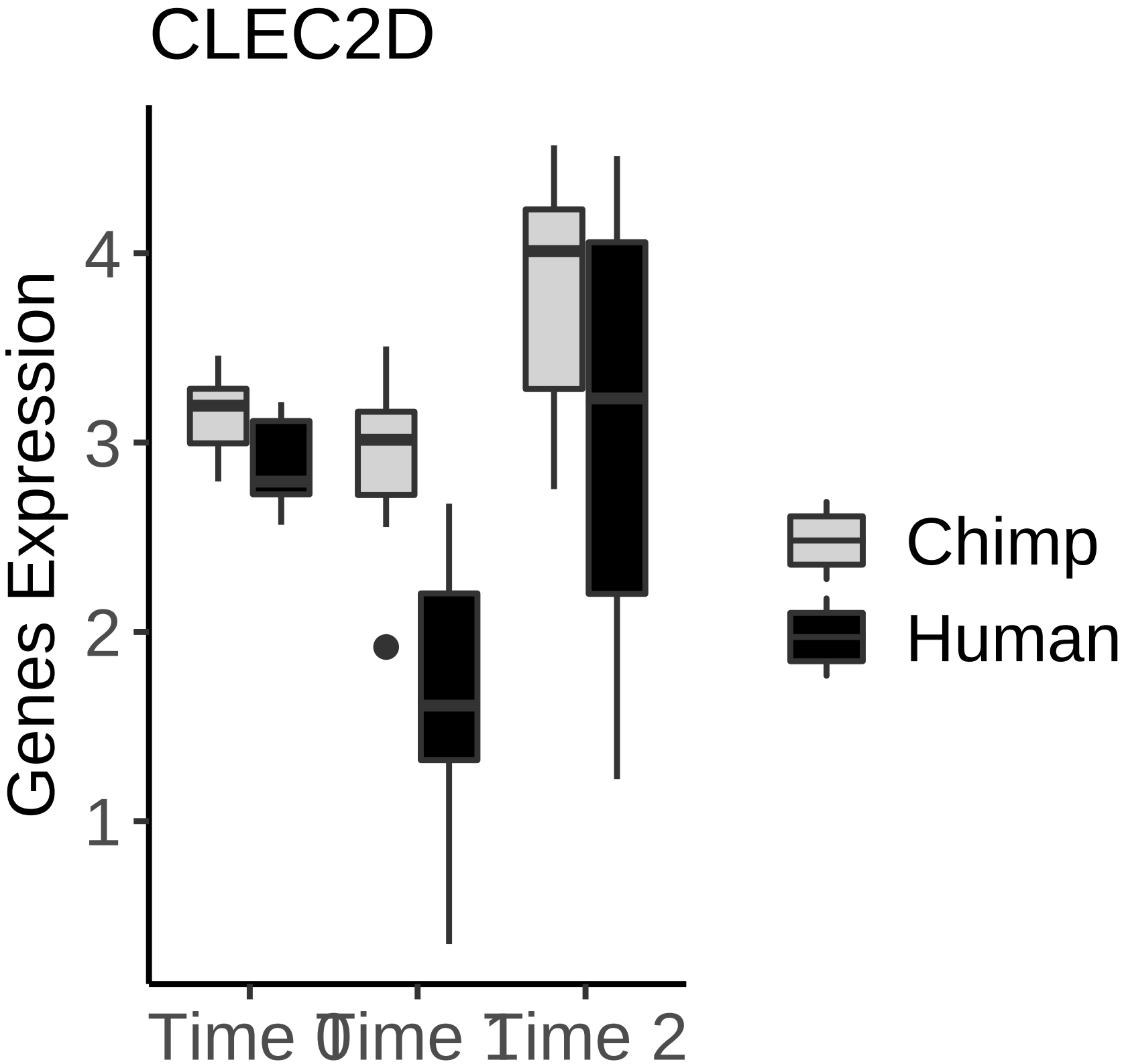
CLEC2D
Genes Expression
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Time 2
Chimp
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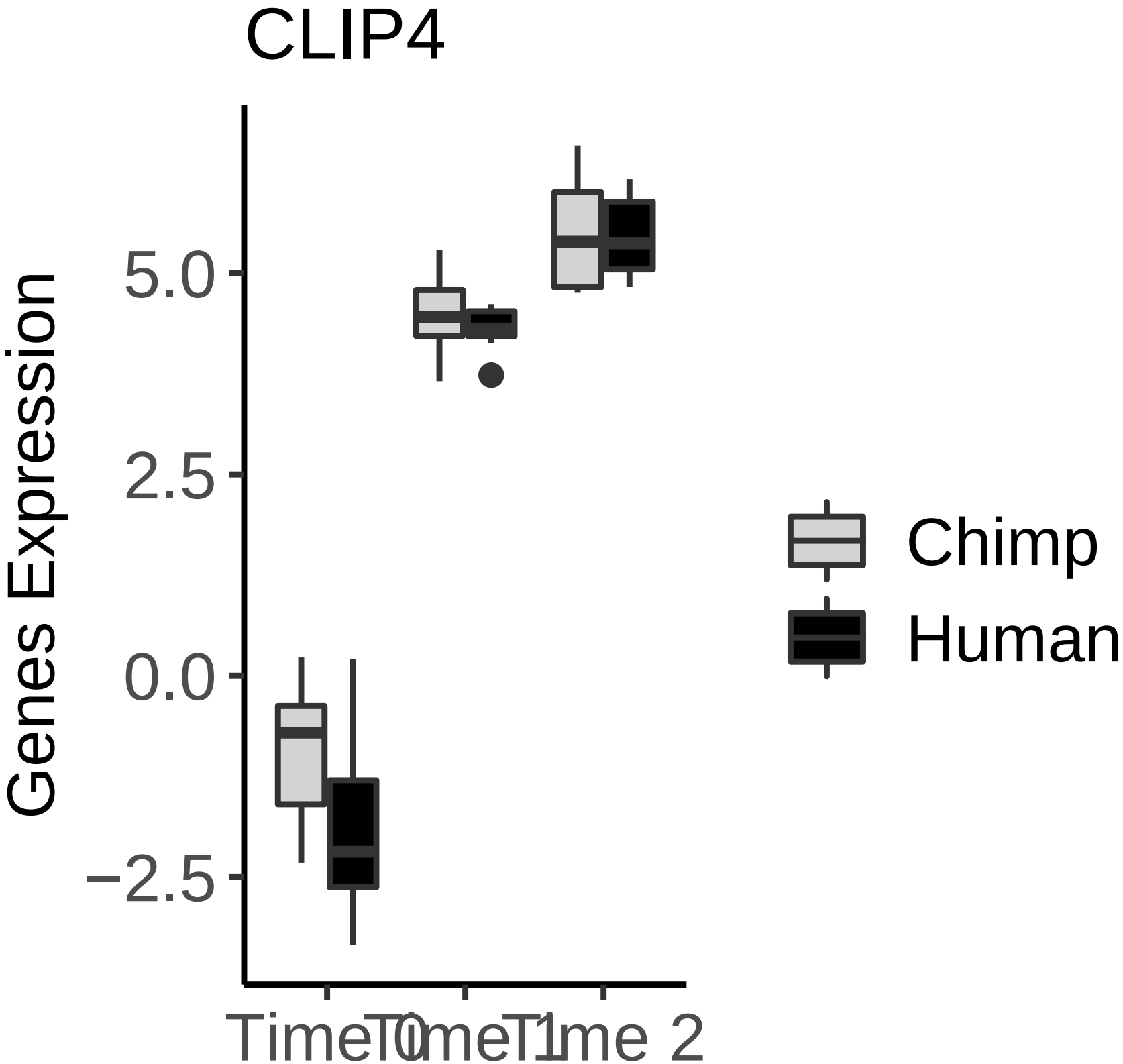
CLIP4
Genes Expression
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Time 2
Chimp
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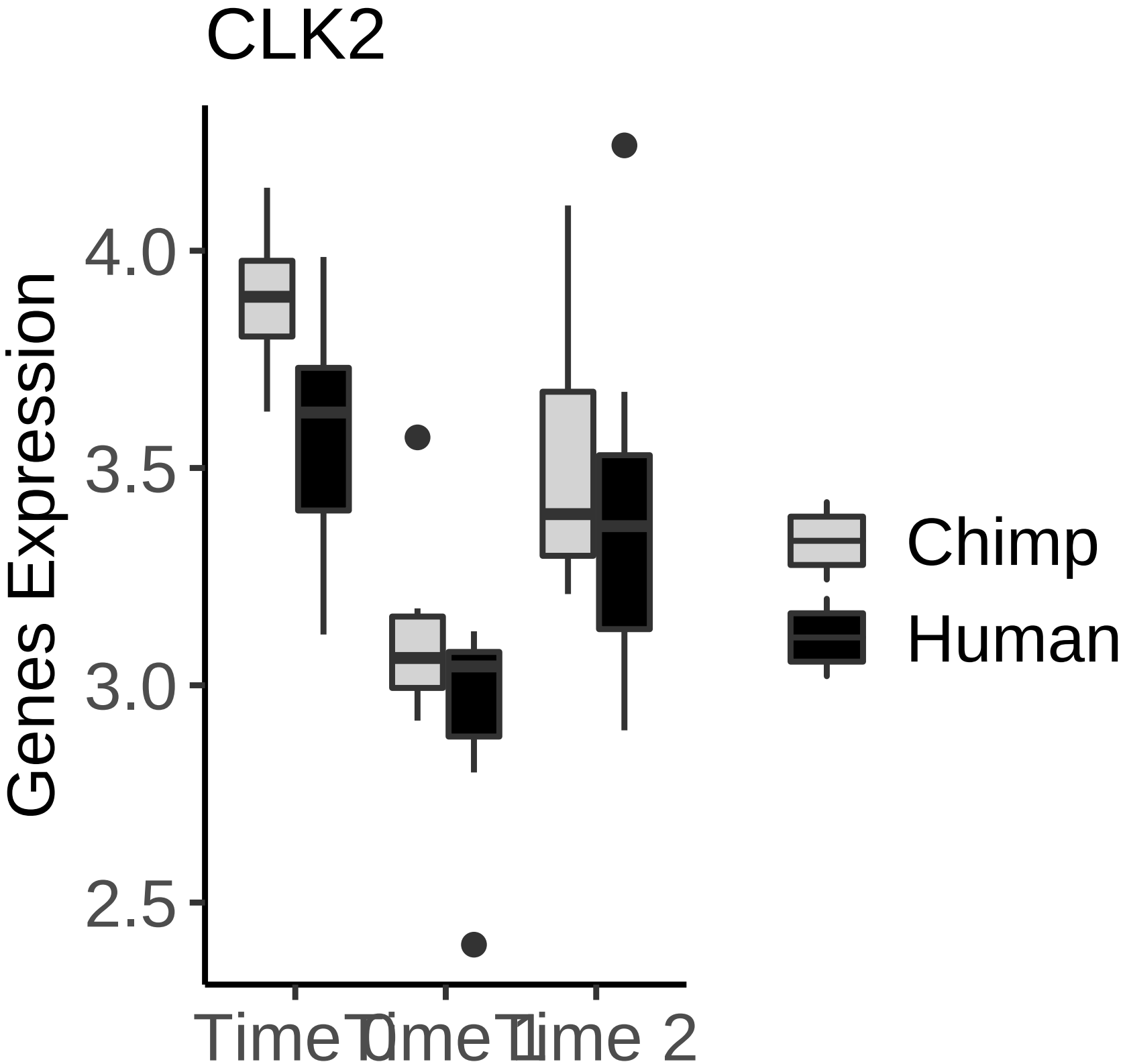
CLK2
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3.0
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Time 2
Chimp
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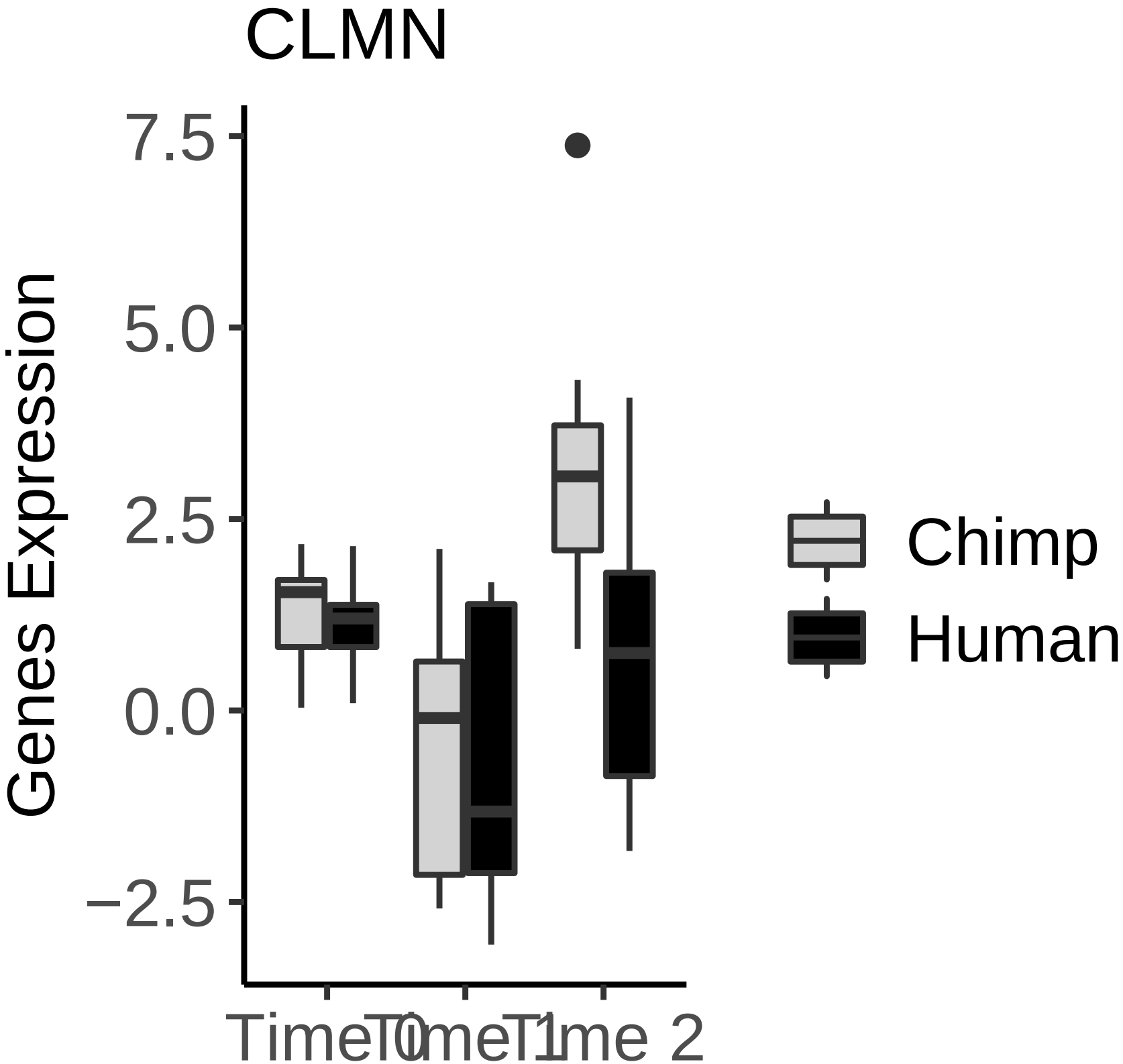
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Chimp
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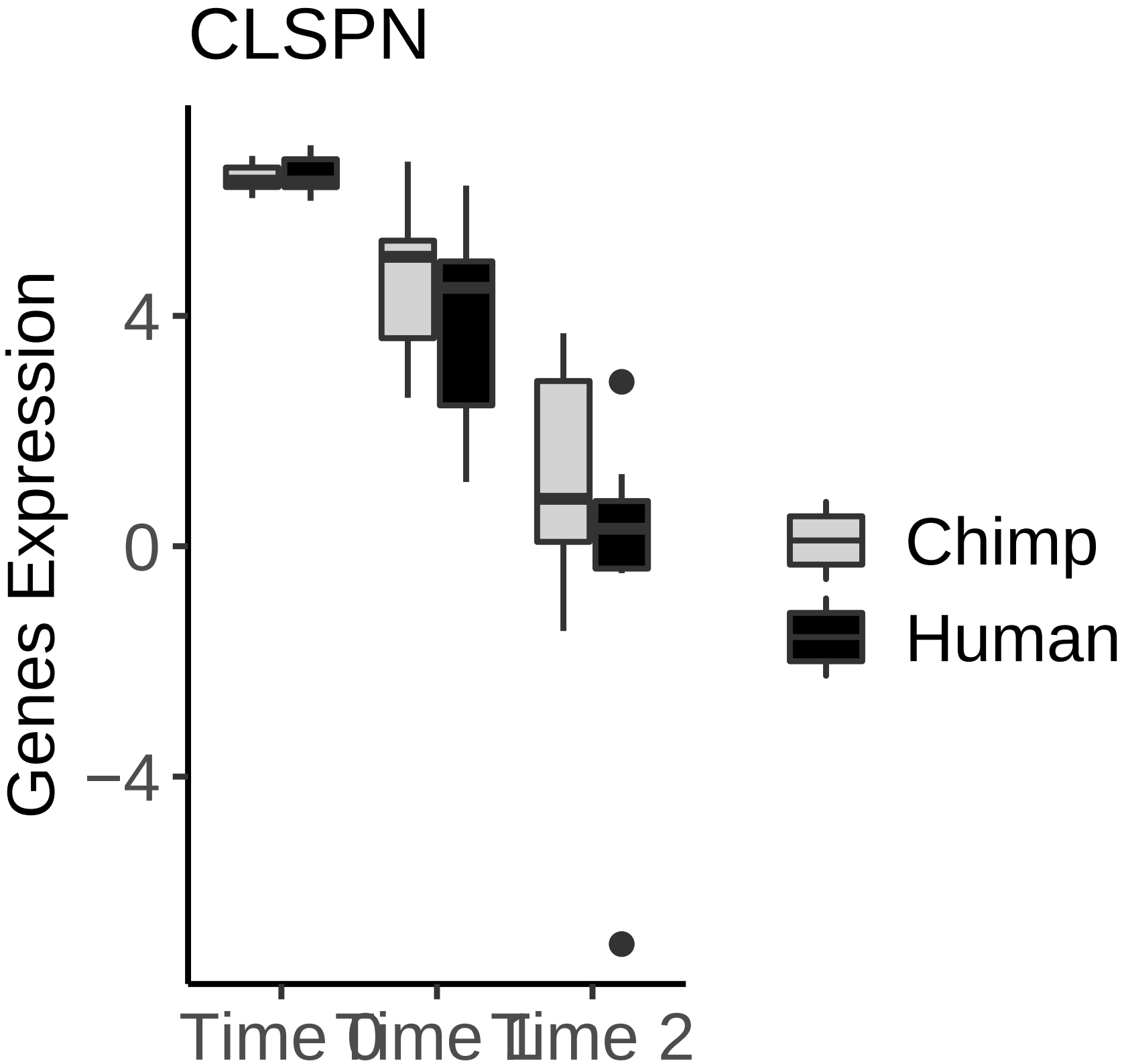
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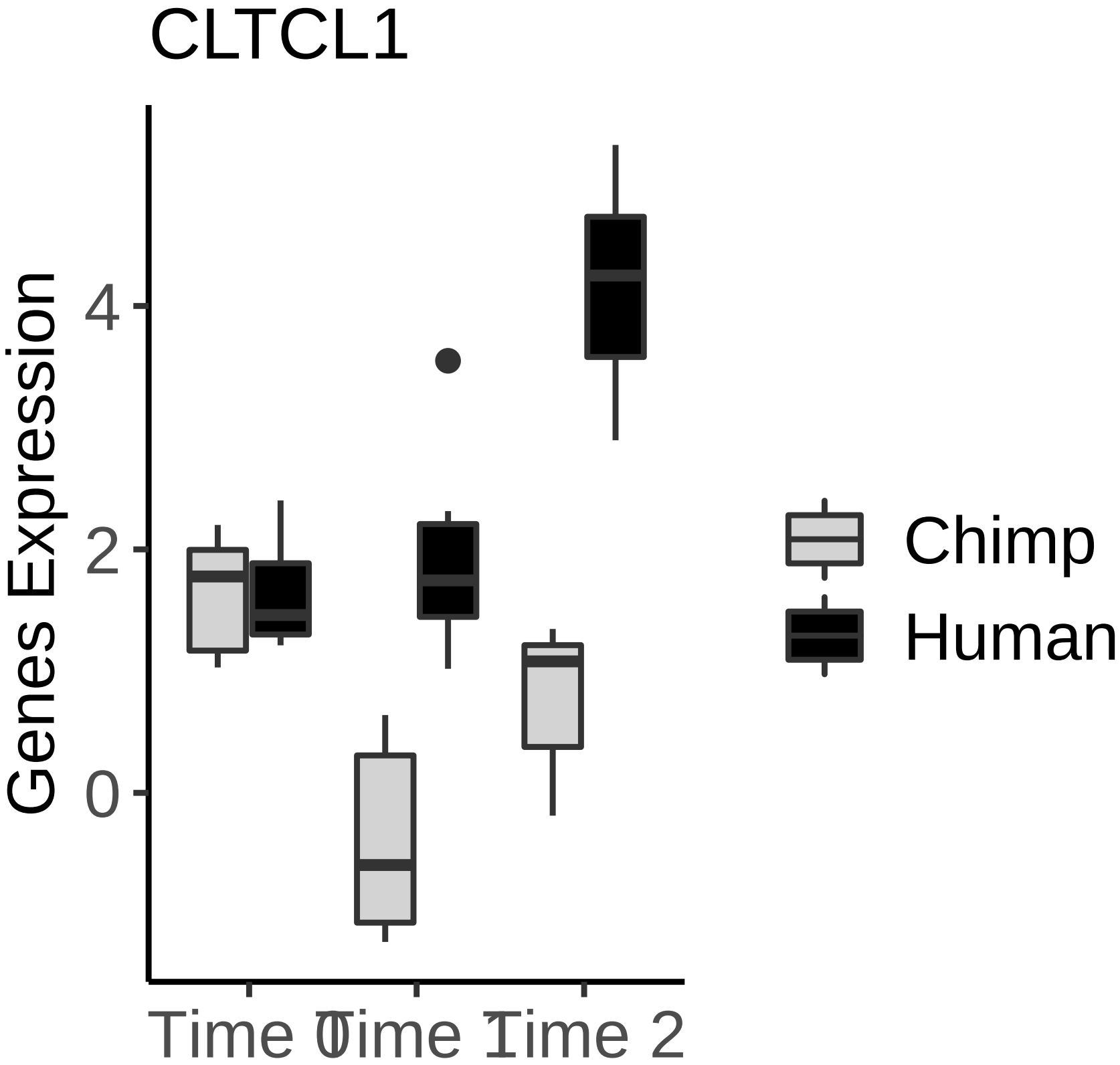
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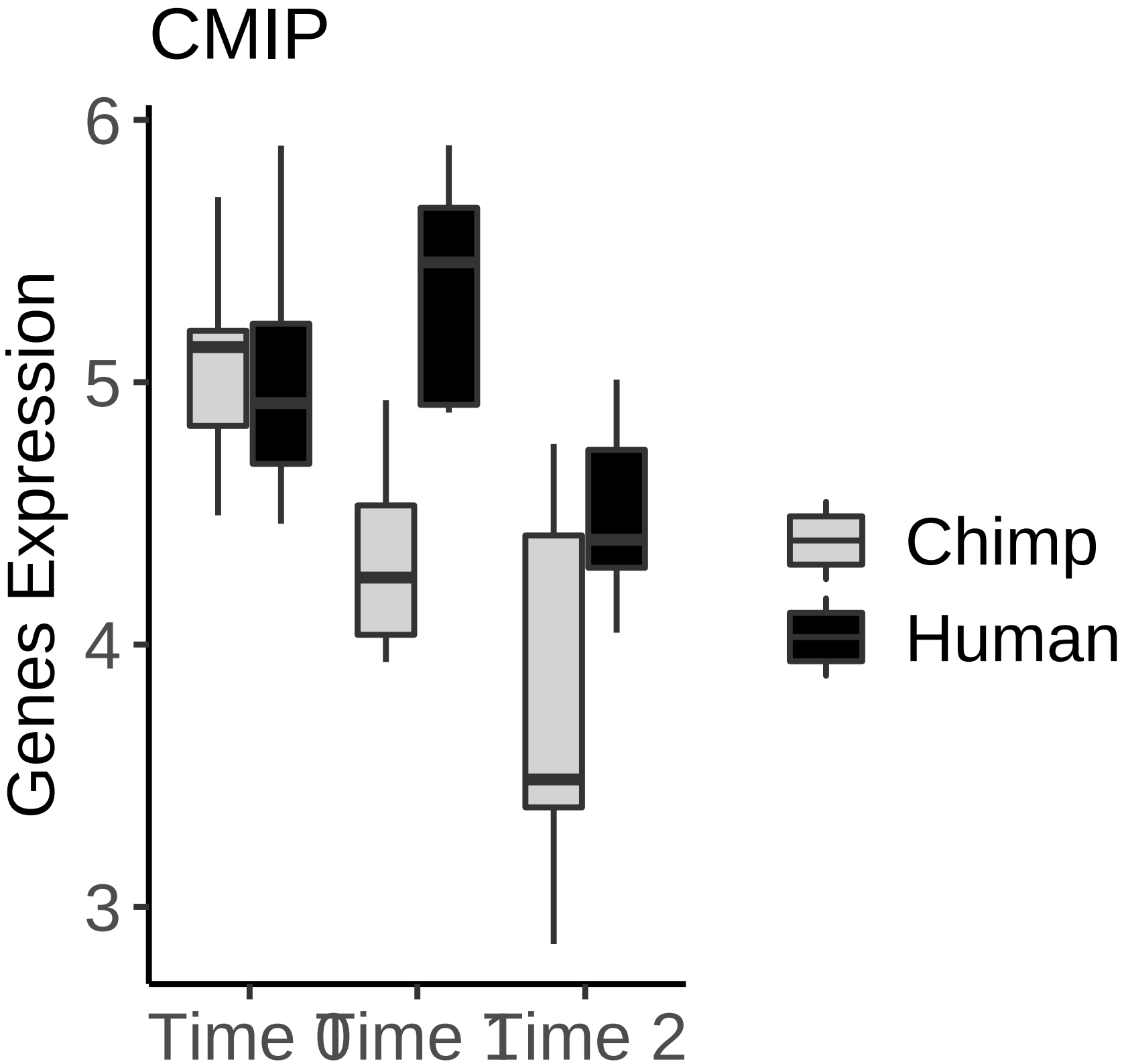
CMIP
Genes Expression
6
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4
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Time 2
Chimp
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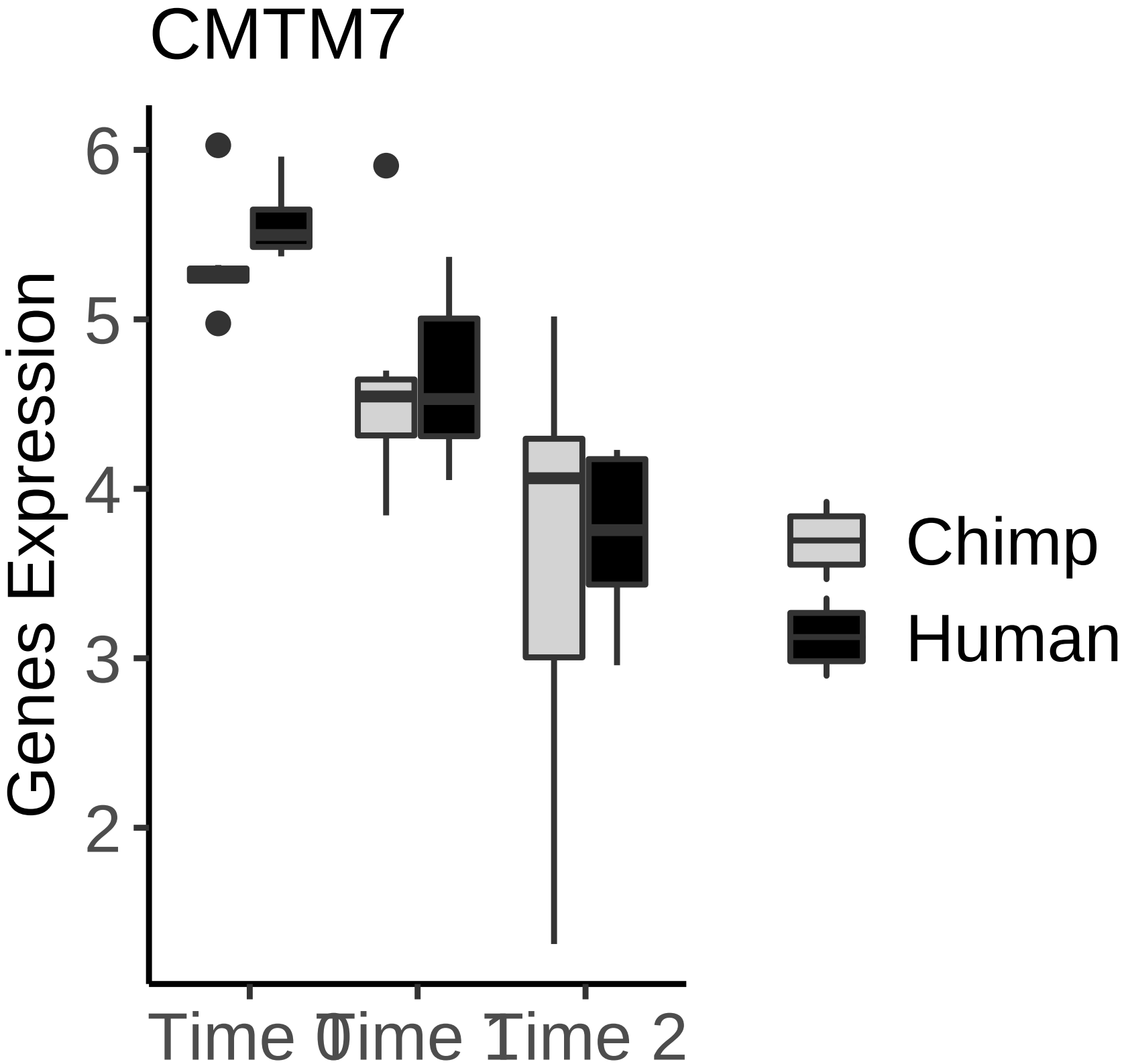
CMTM7
Genes Expression
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Time 2
Chimp
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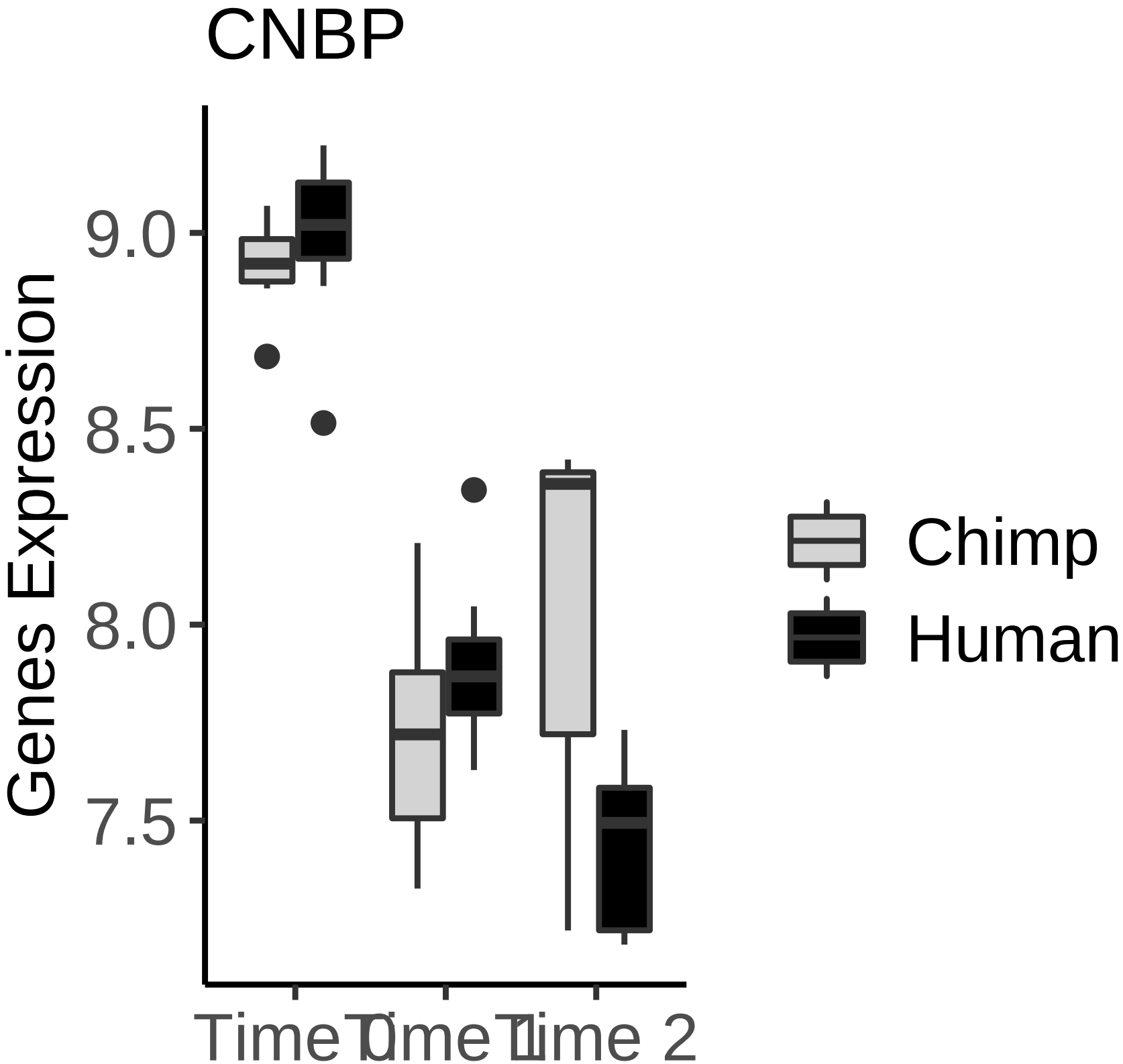
CNBP
Genes Expression
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Time 1
Time 2
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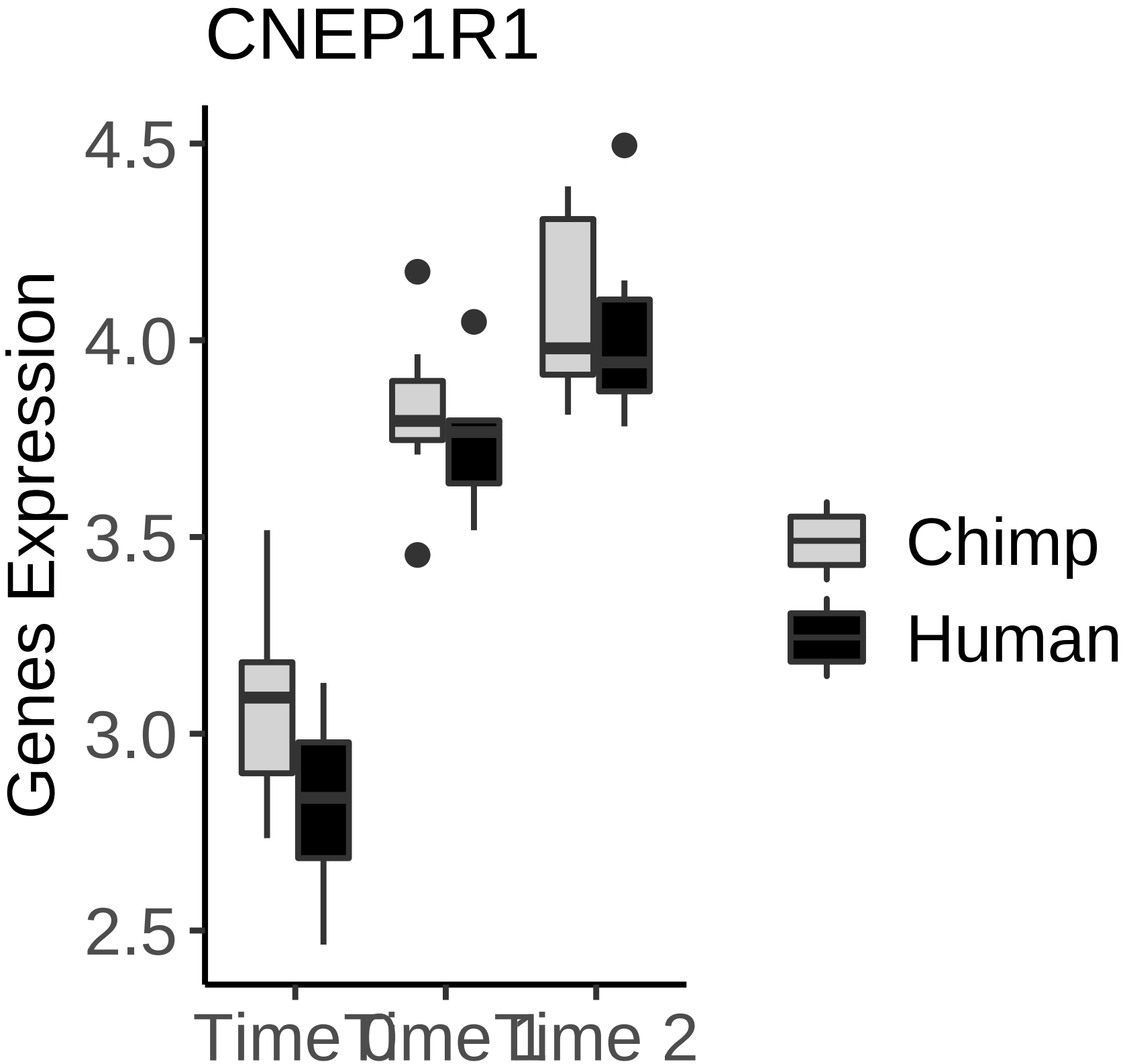
CNEP1R1
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2.5
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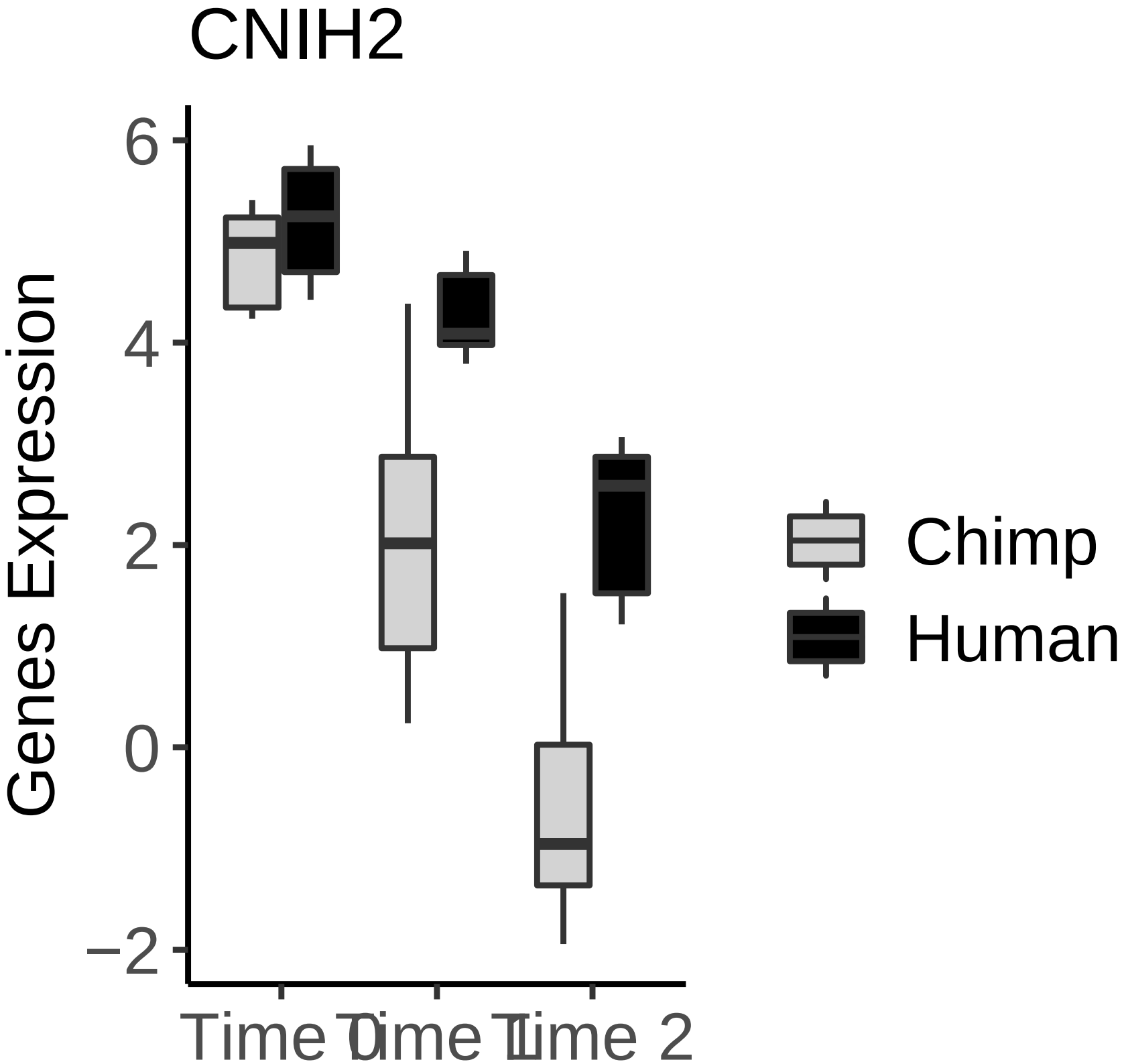
Time 2
Chimp
Human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Genes Expression
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Time 2
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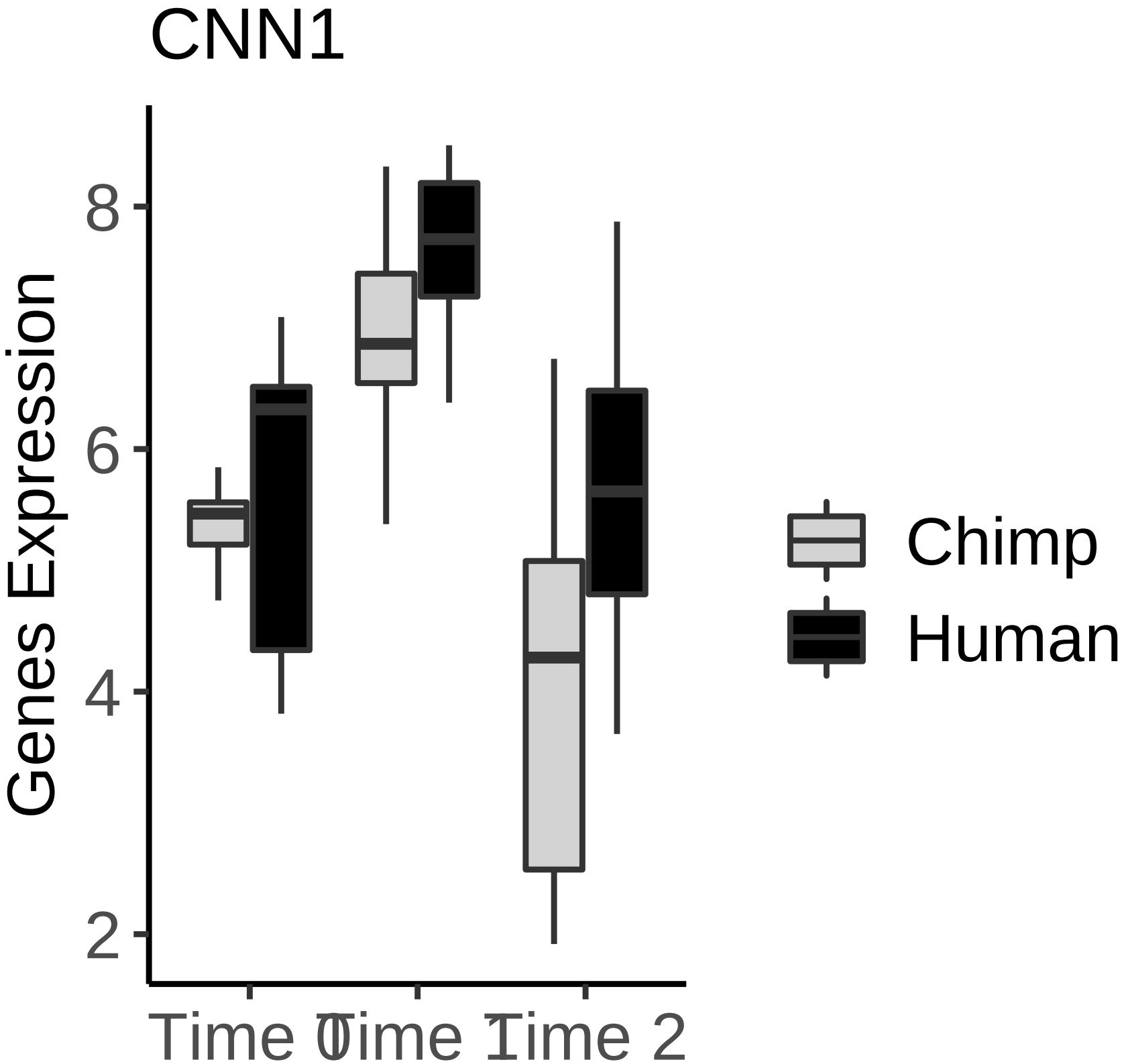
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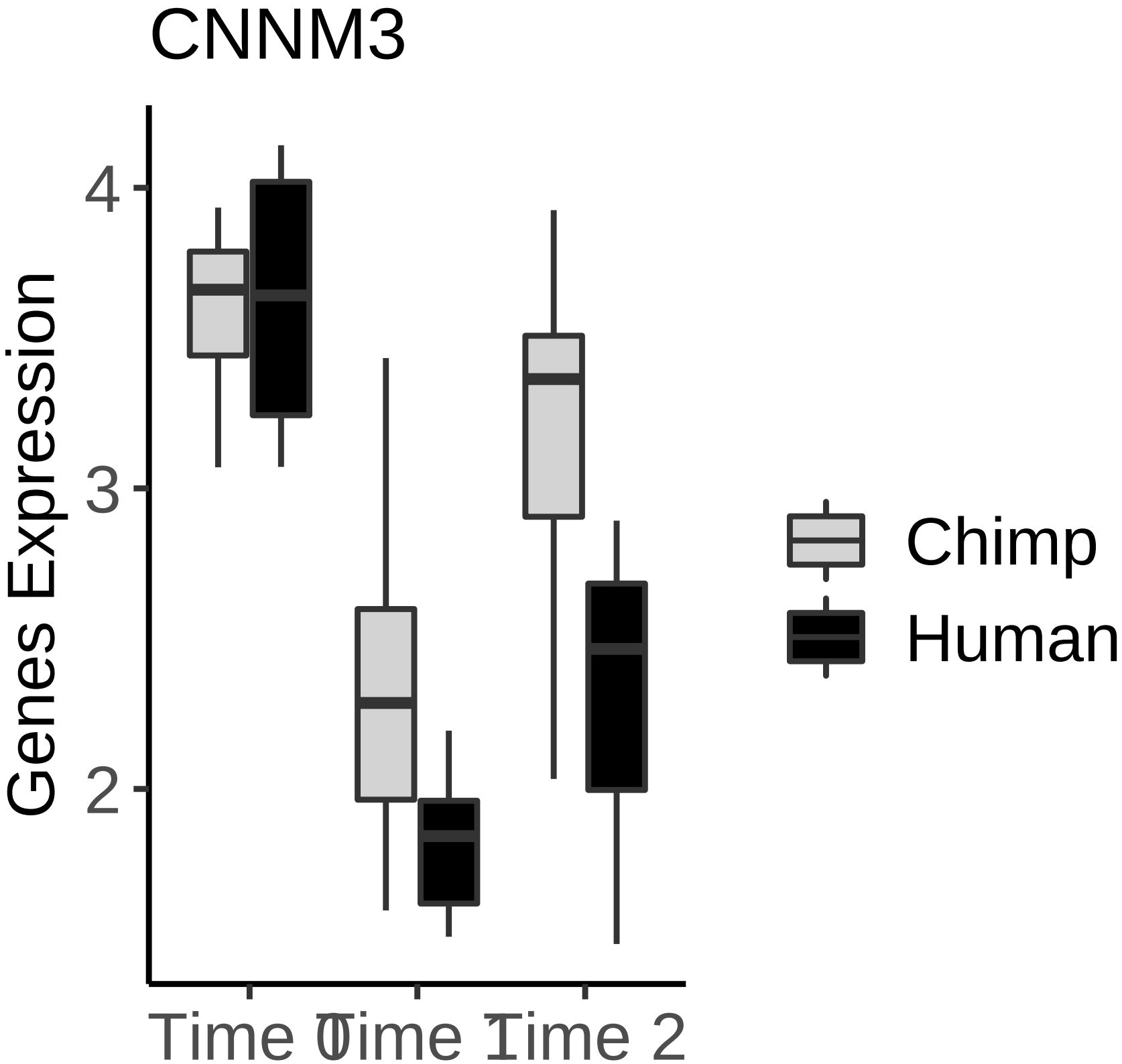
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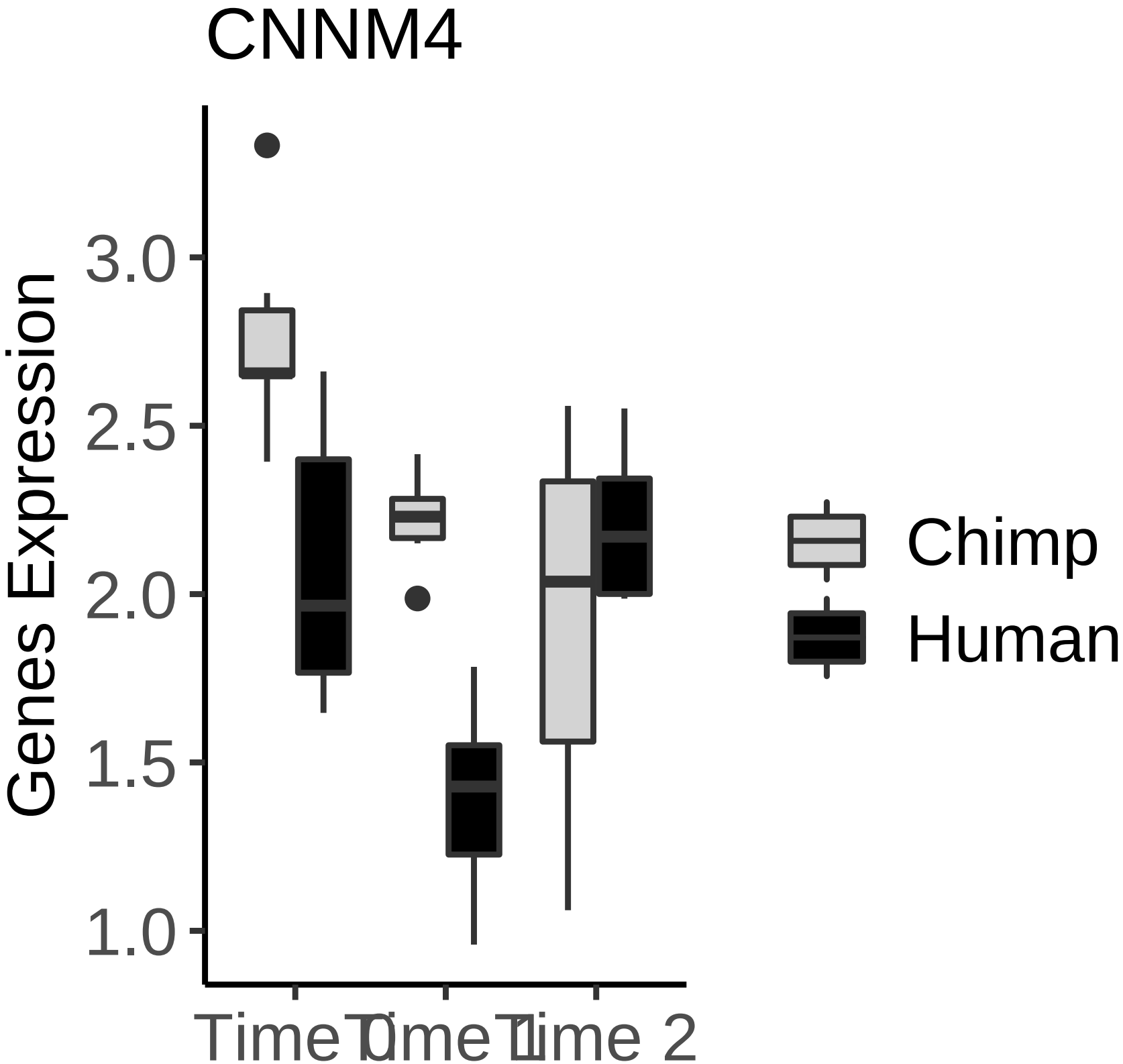
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2.0
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1.0
Time 0
Time 1
Time 2
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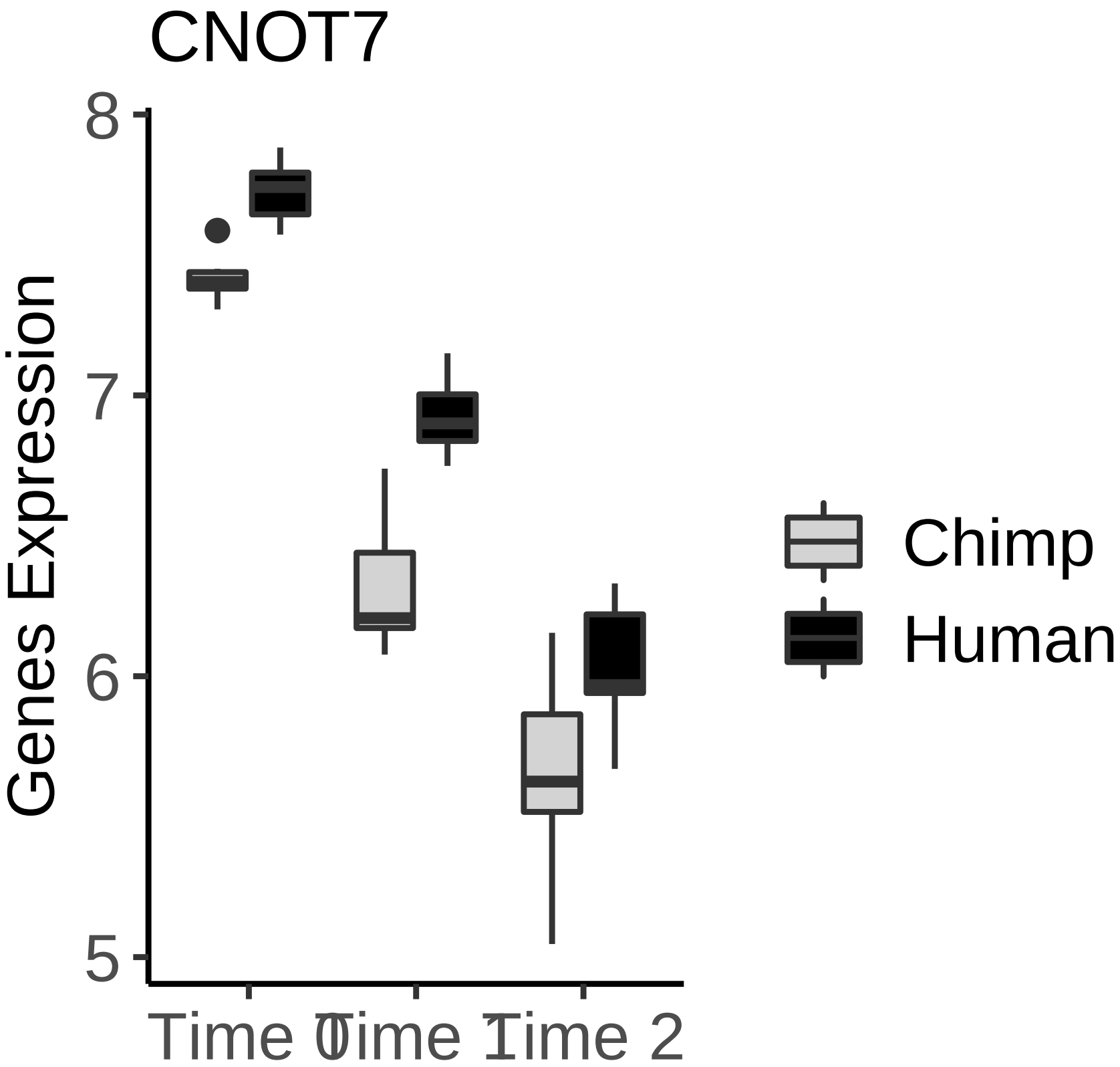
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Genes Expression
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6
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Time 2
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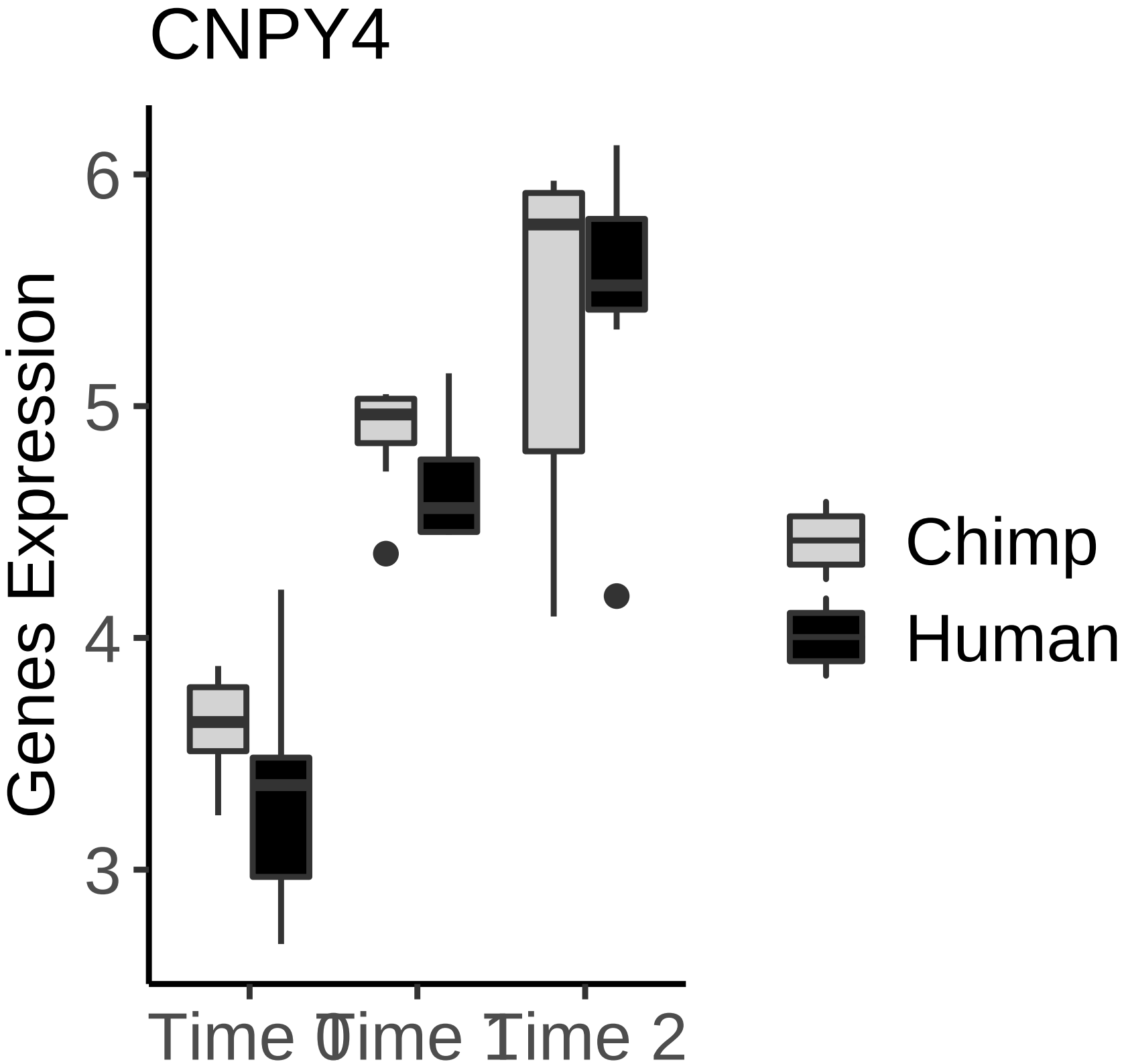
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Time 2
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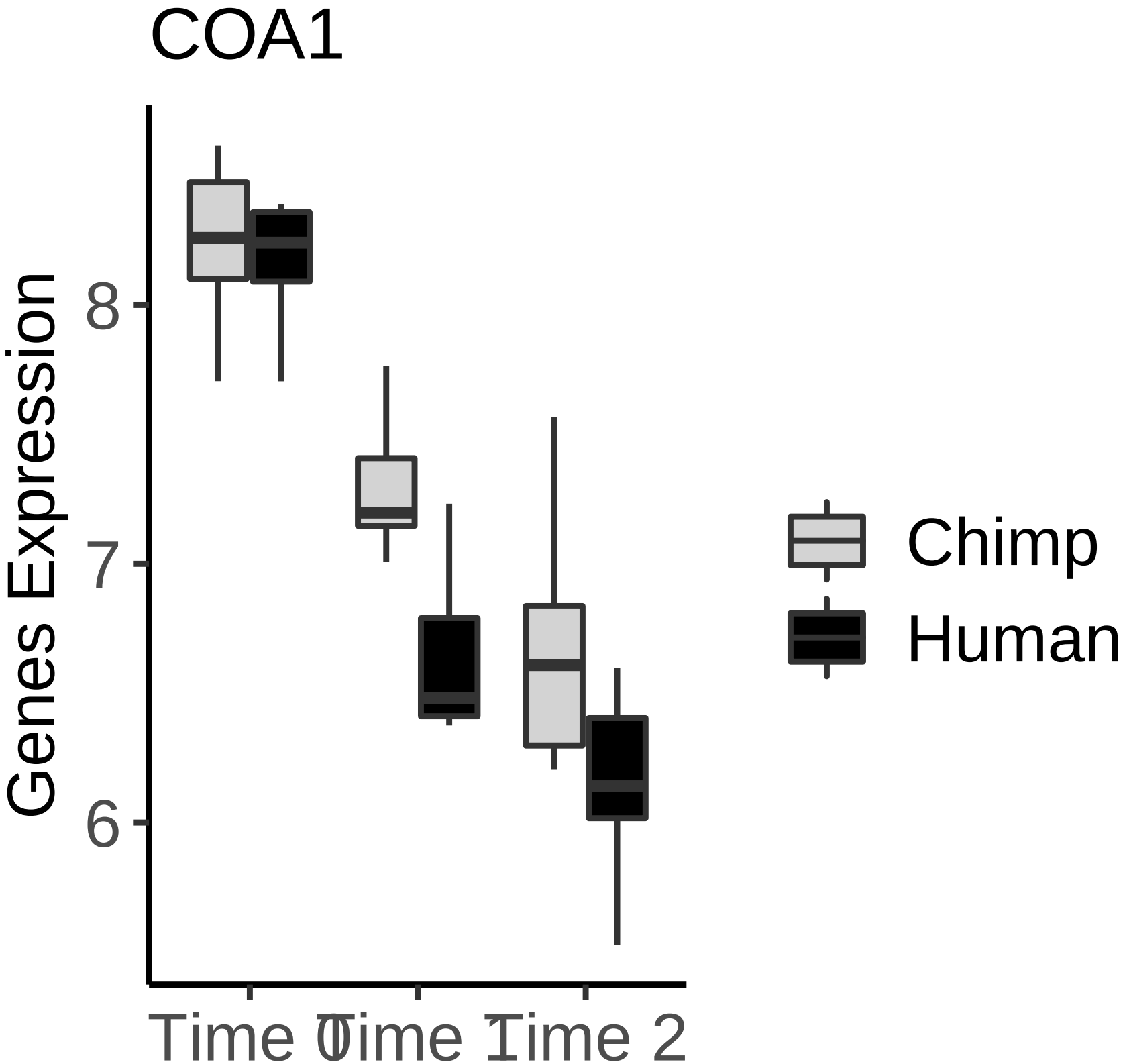
COA1
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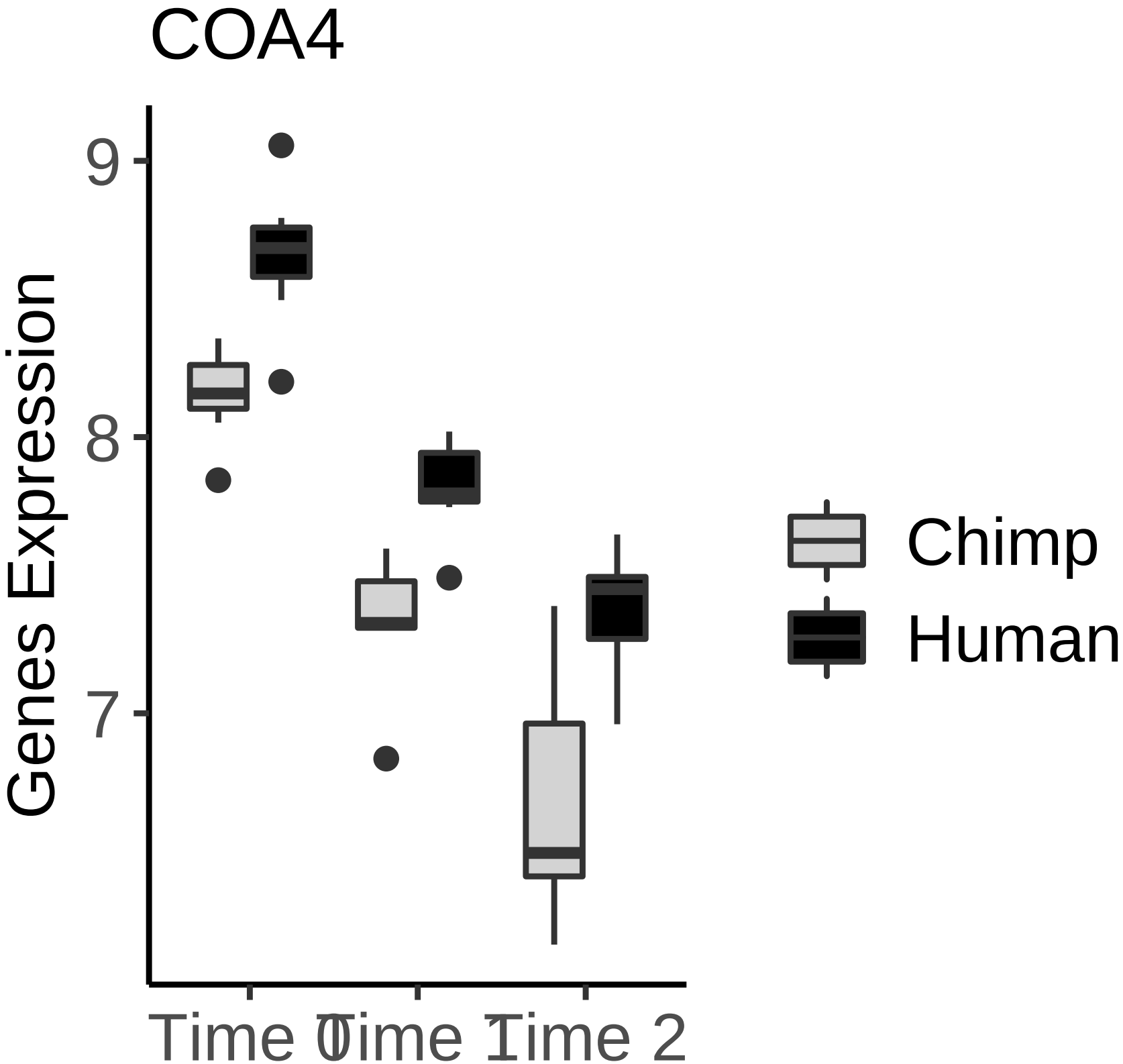
Time 2
Chimp
Human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7
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Time 1
Time 2
Chimp
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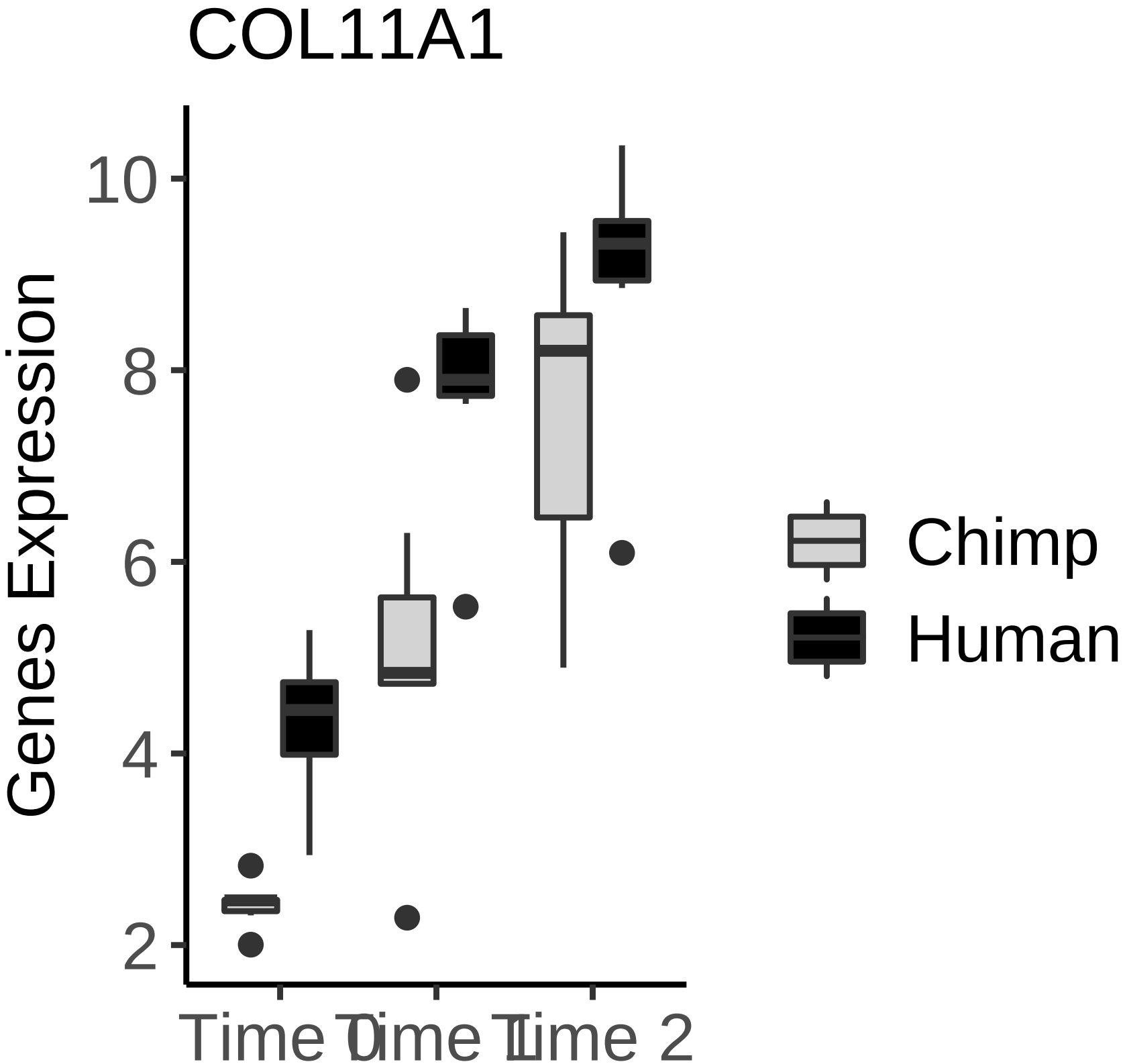
COL11A1
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4
2
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Time 2
Chimp
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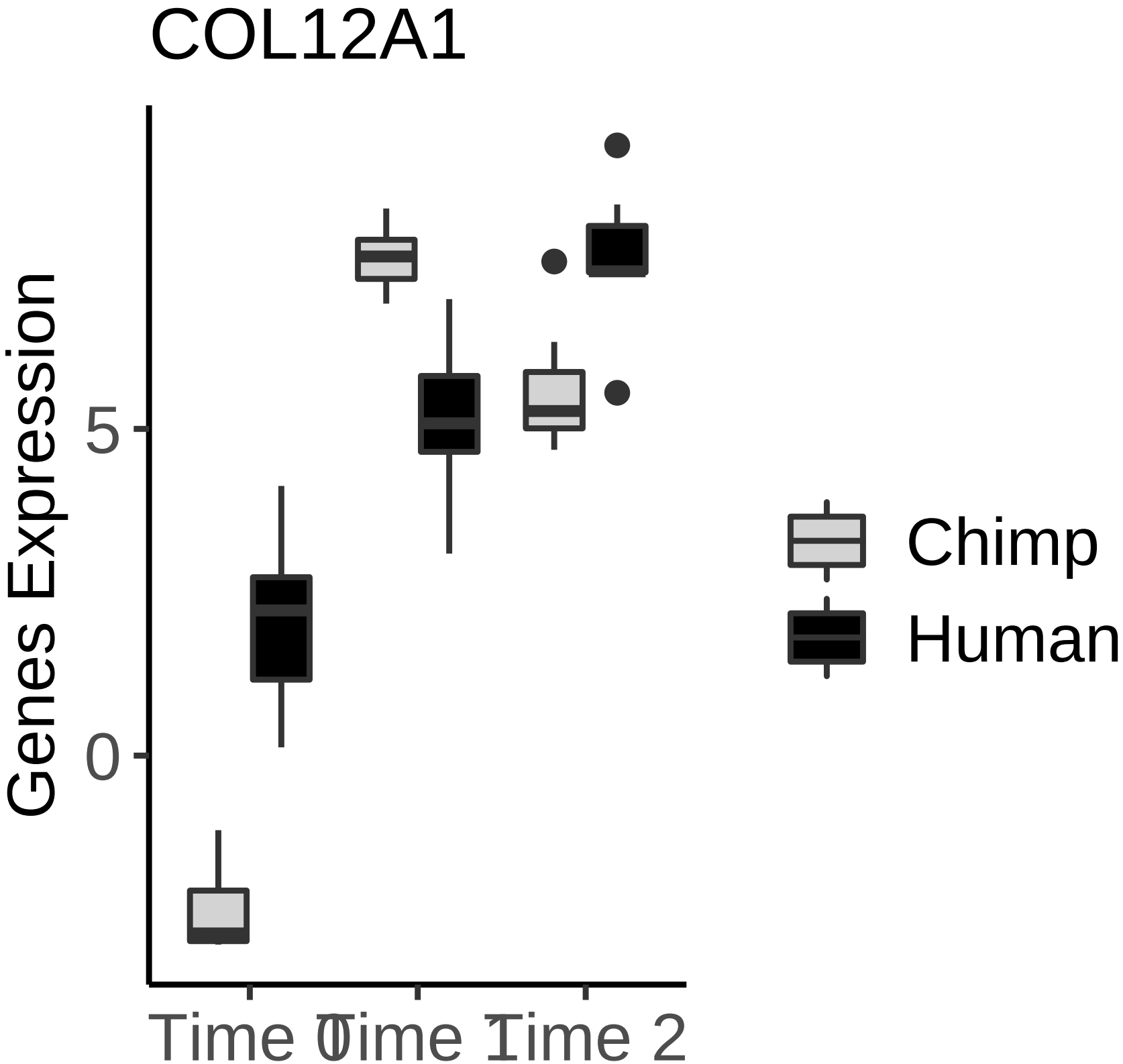
COL12A1
Genes Expression
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Time 1
Time 2
Chimp
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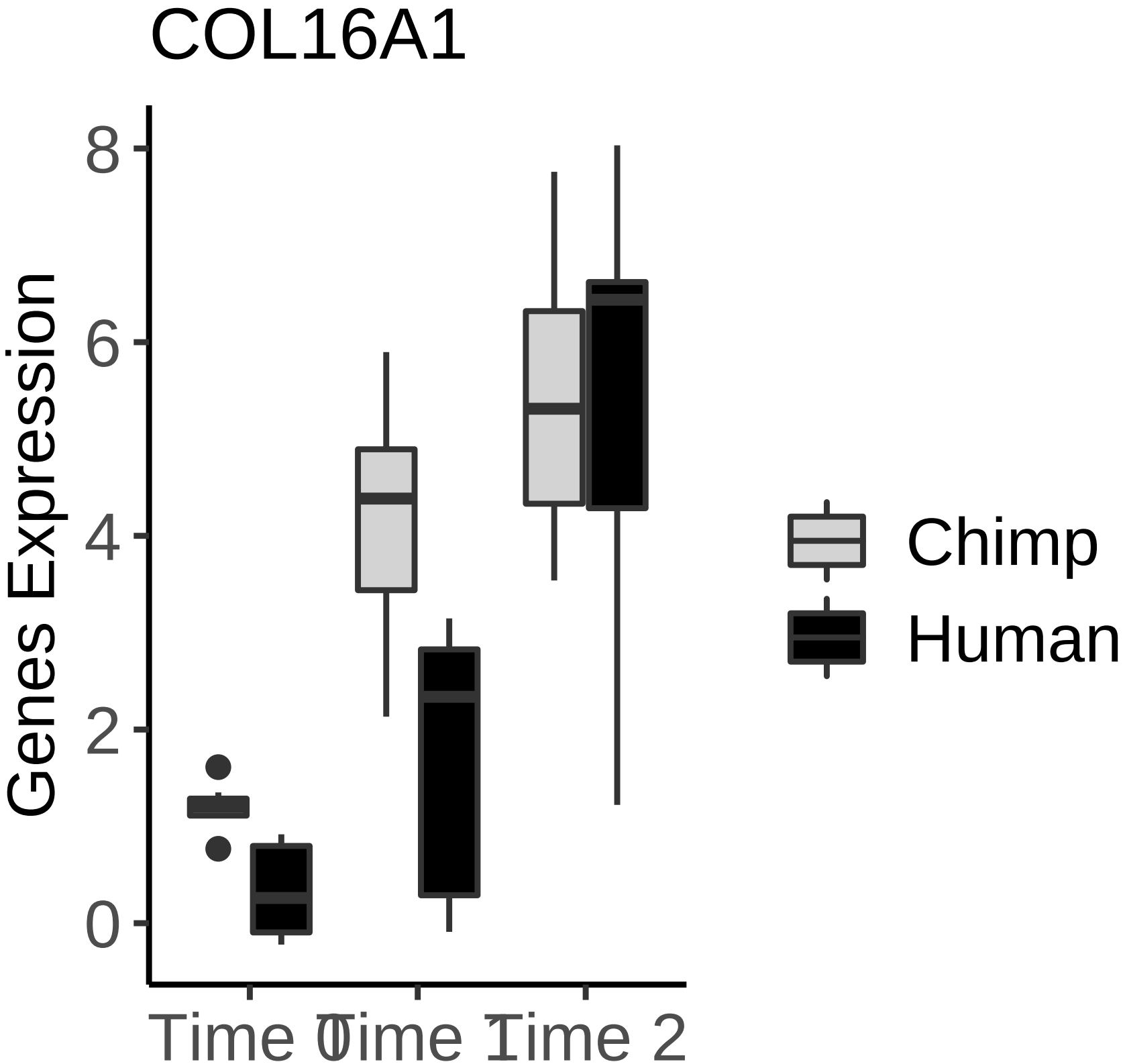
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Time 2
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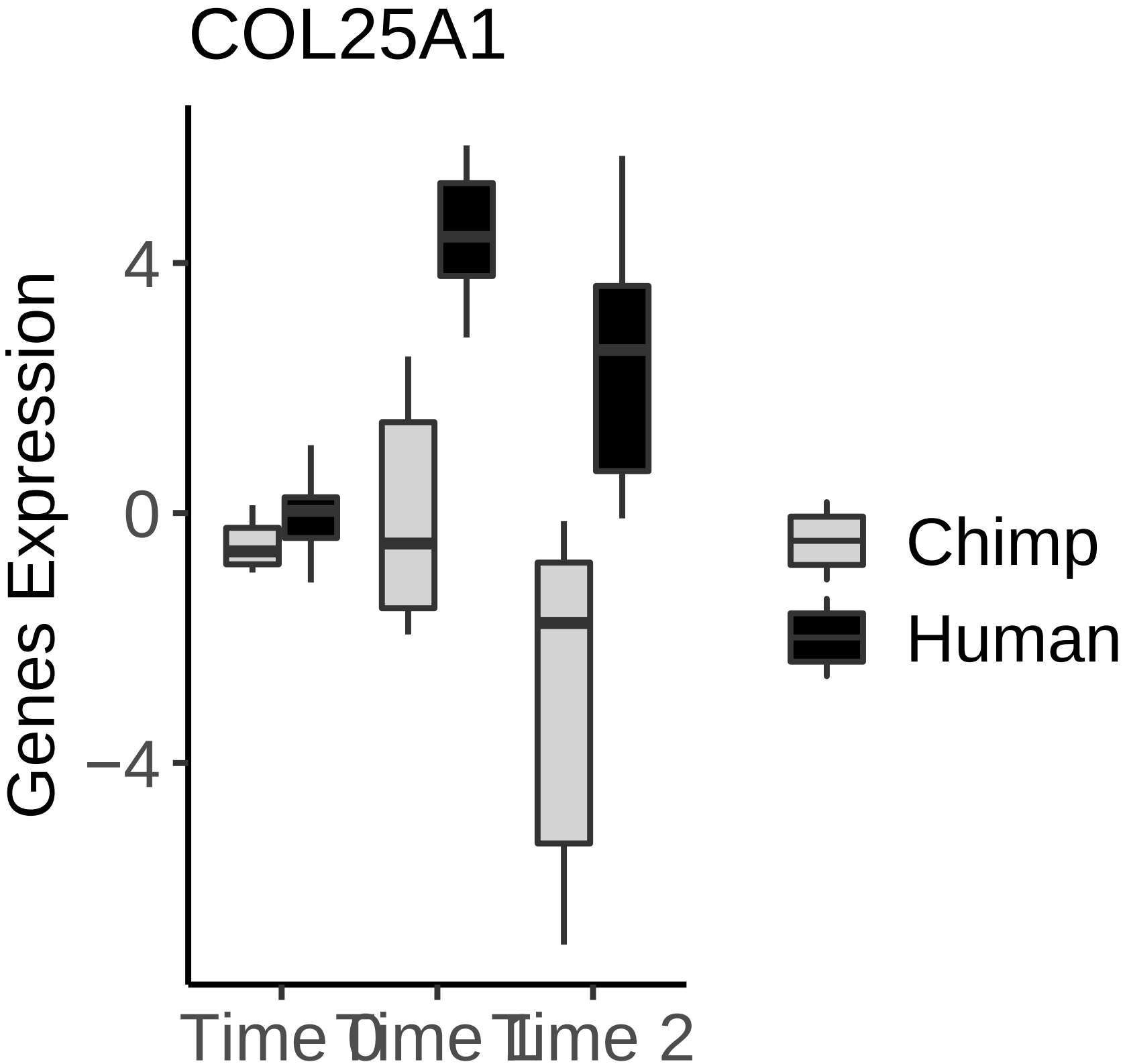
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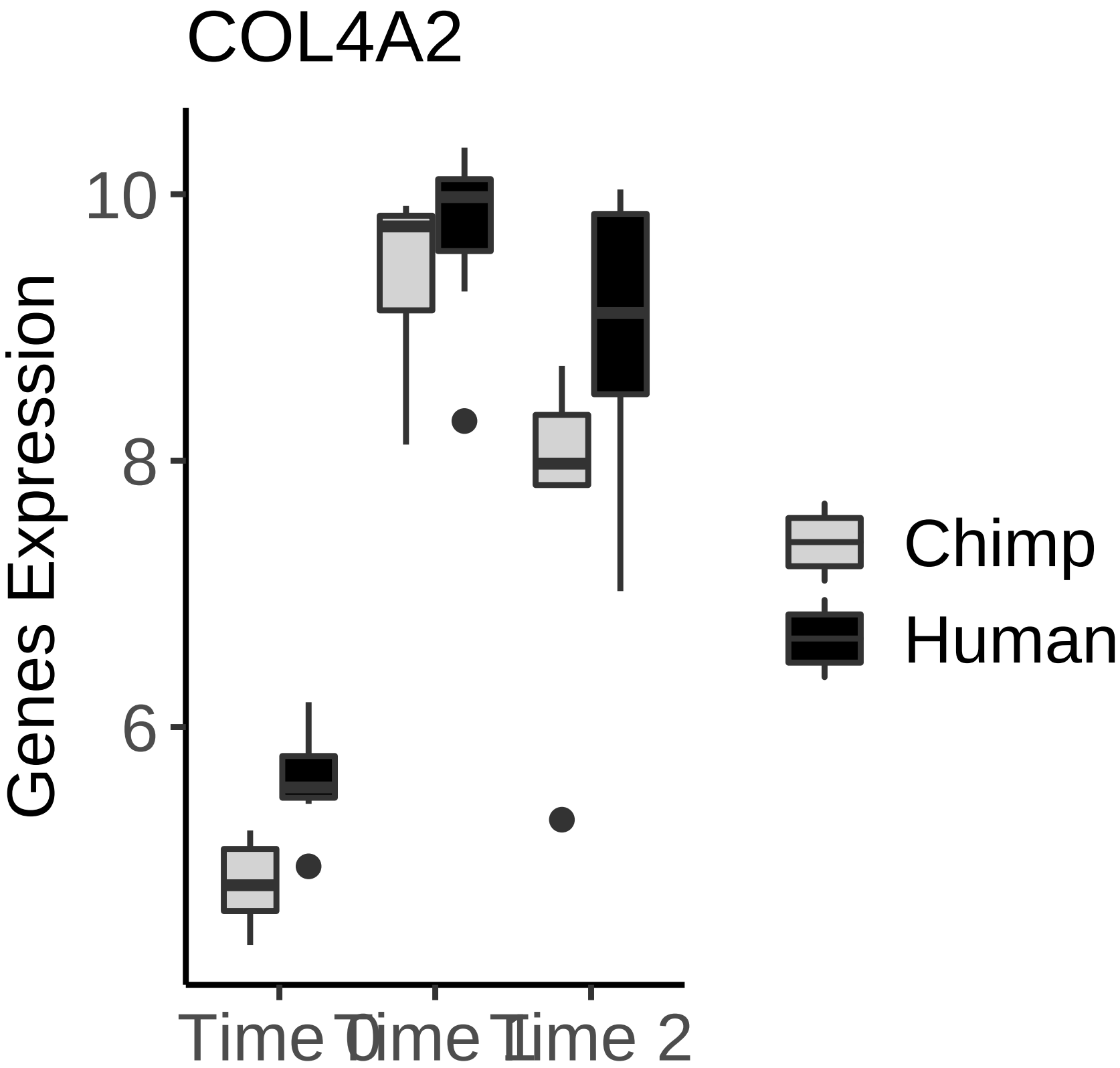
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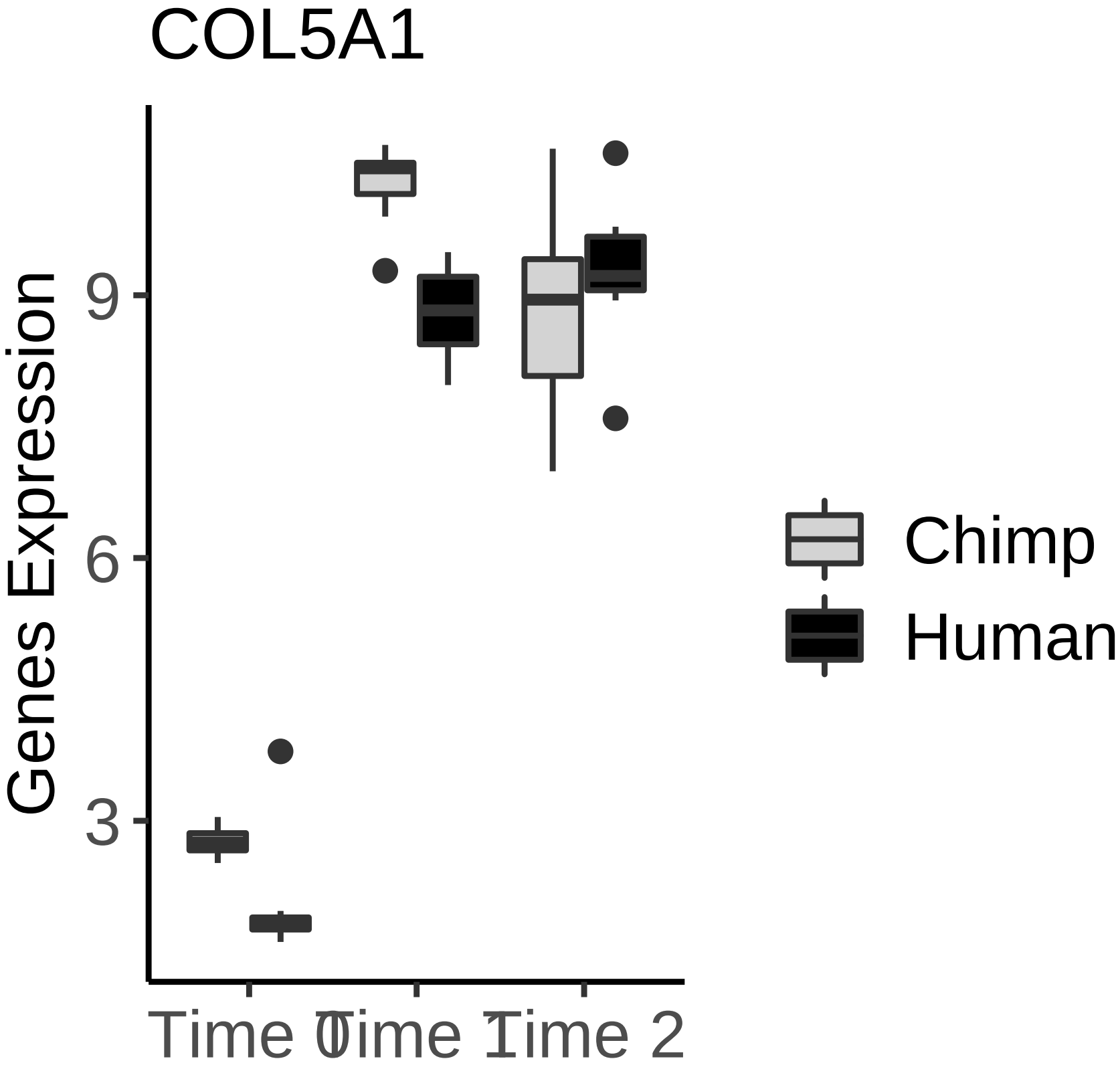
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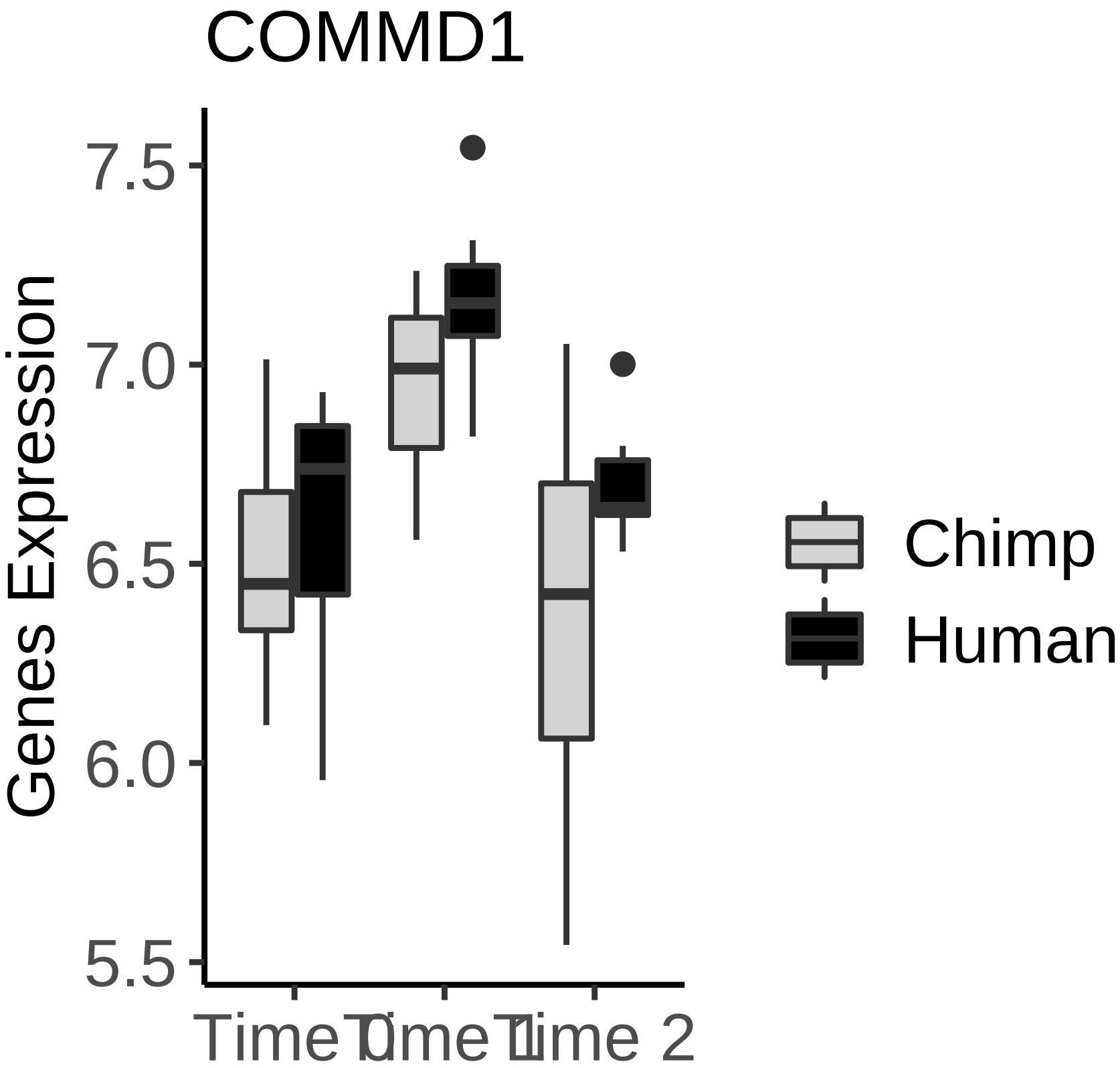
Time 2
Chimp
Human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6.0
5.5
Time 0
Time 1
Time 2
Chimp
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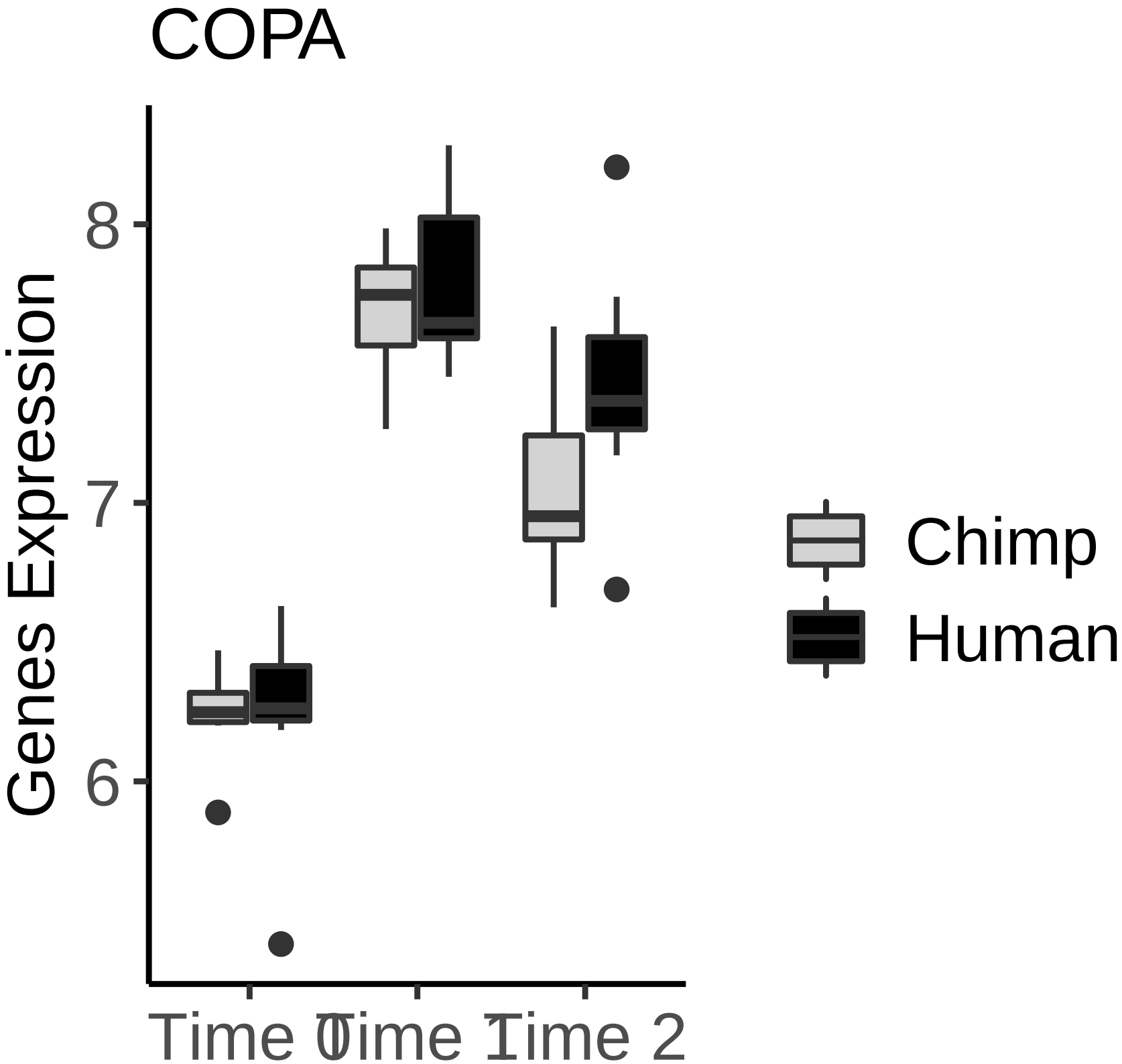
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8
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Time 1
Time 2
Chimp
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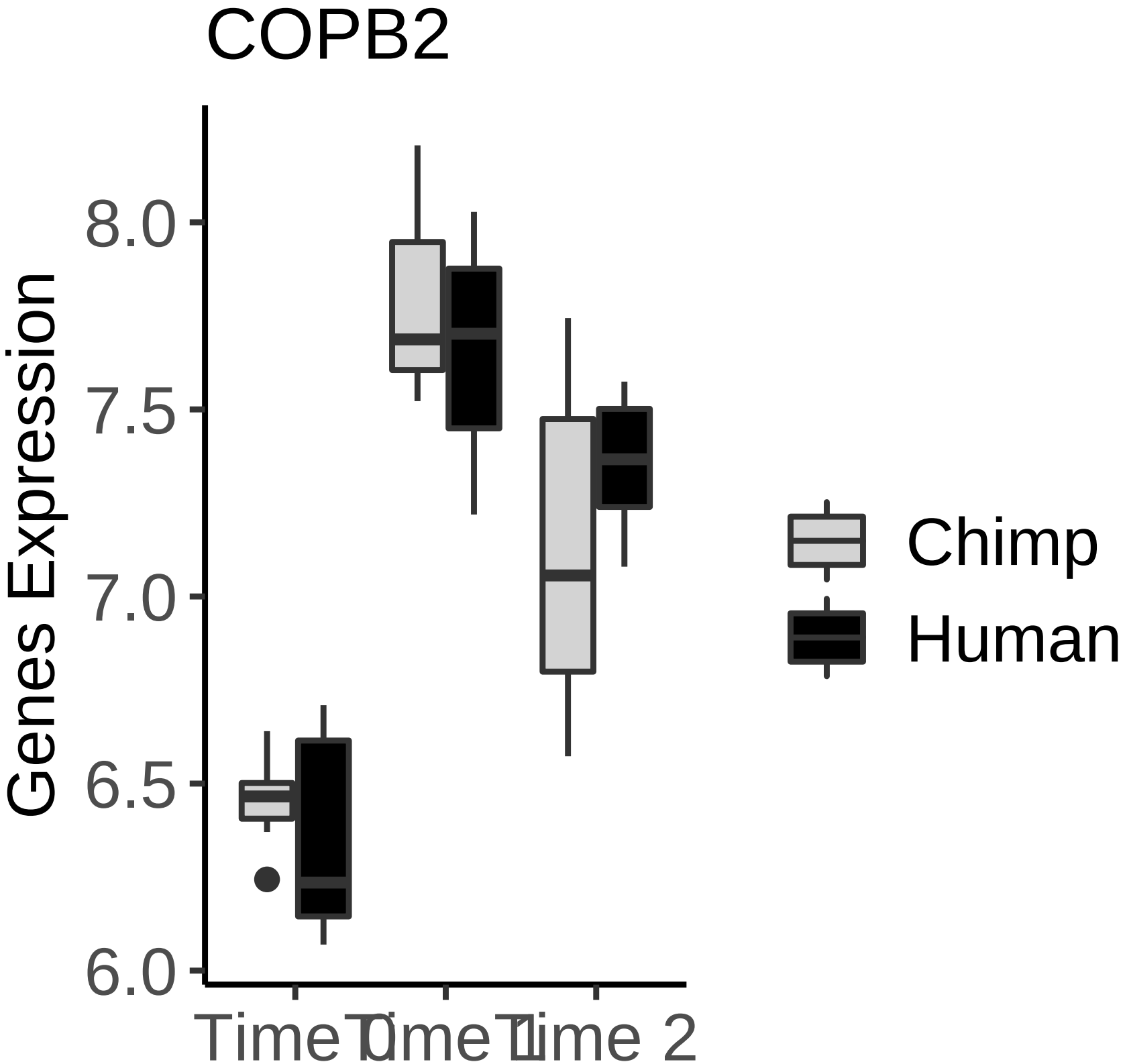
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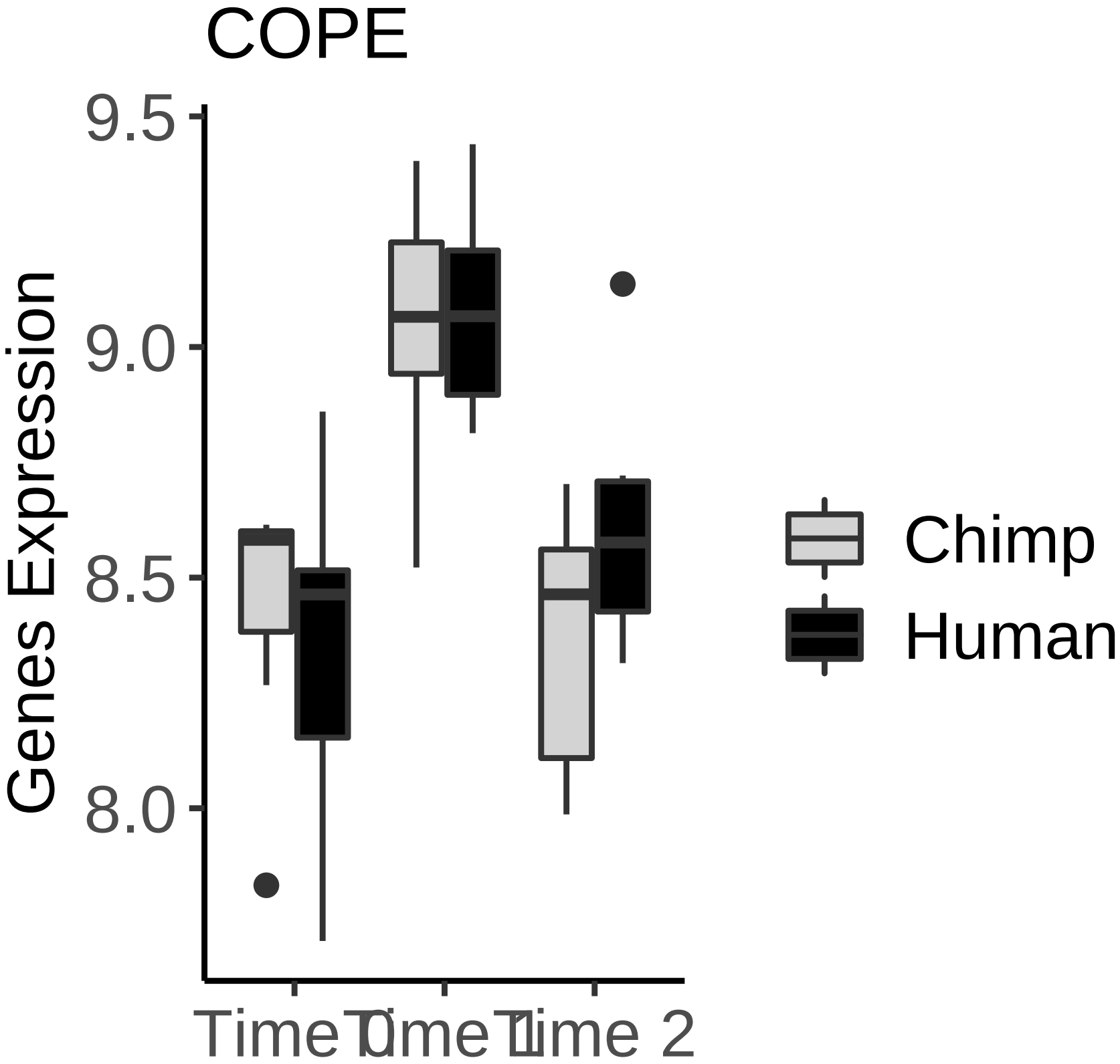
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8.0
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Time 1
Time 2
Chimp
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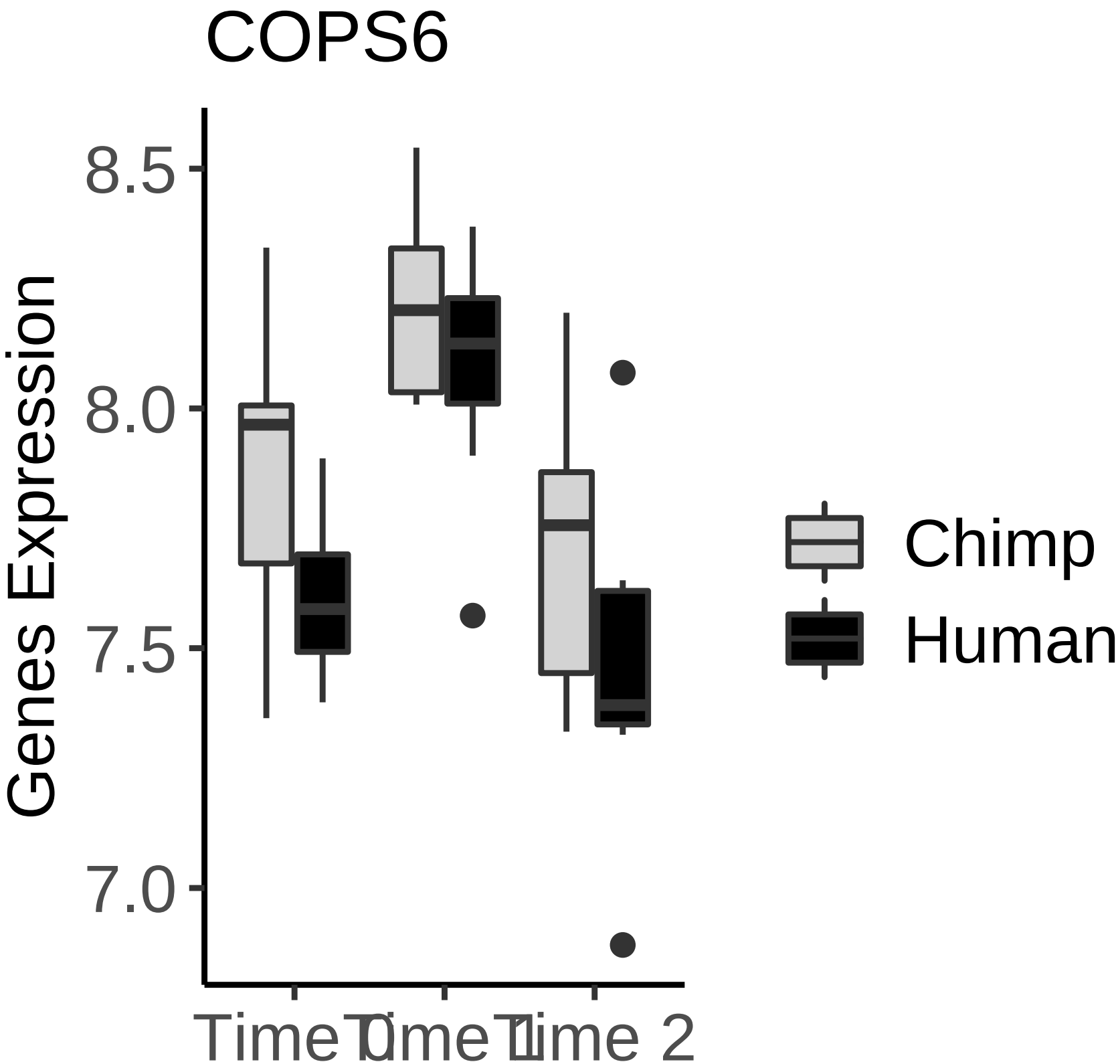
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7.0
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Time 1
Time 2
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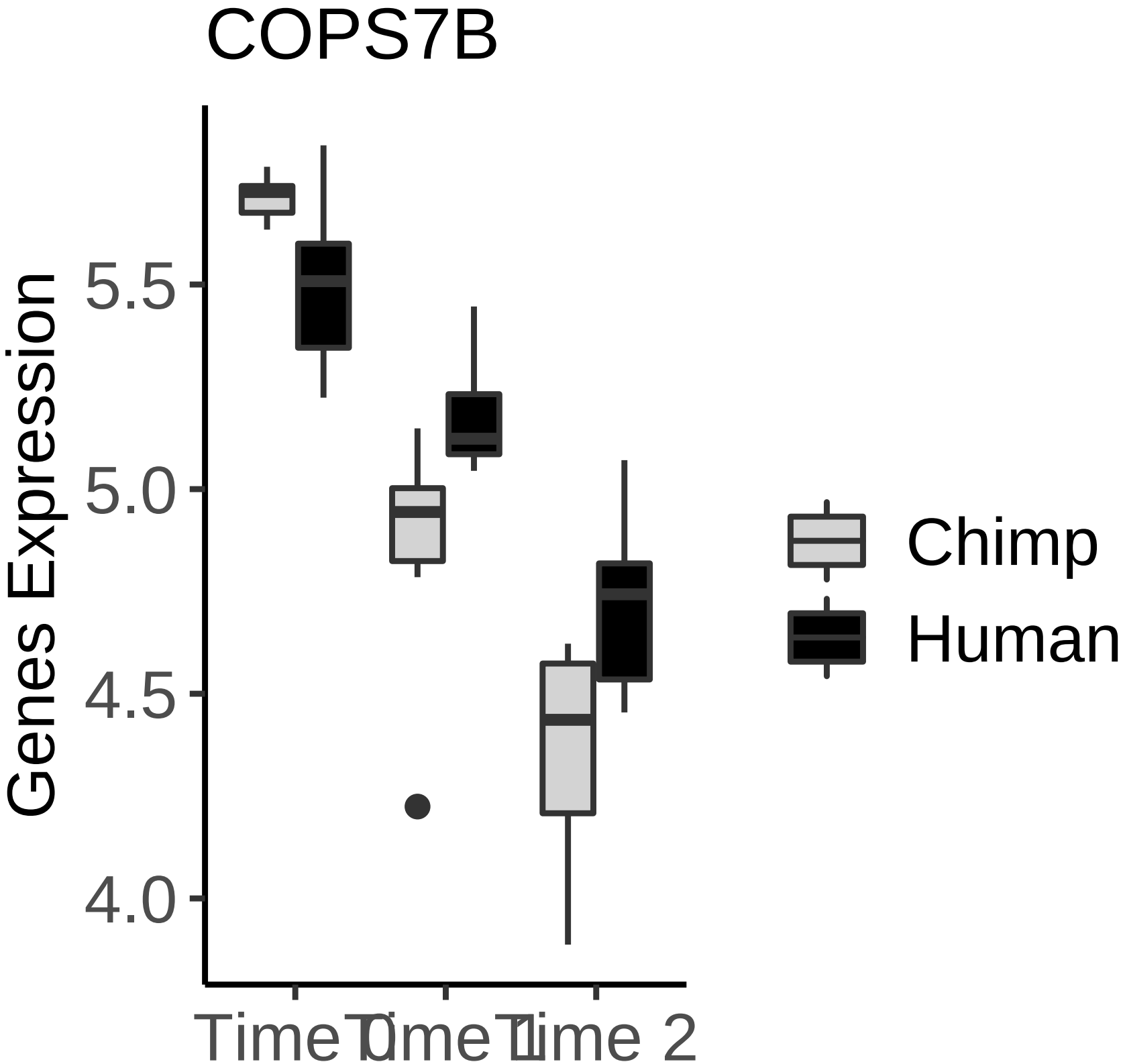
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Time 2
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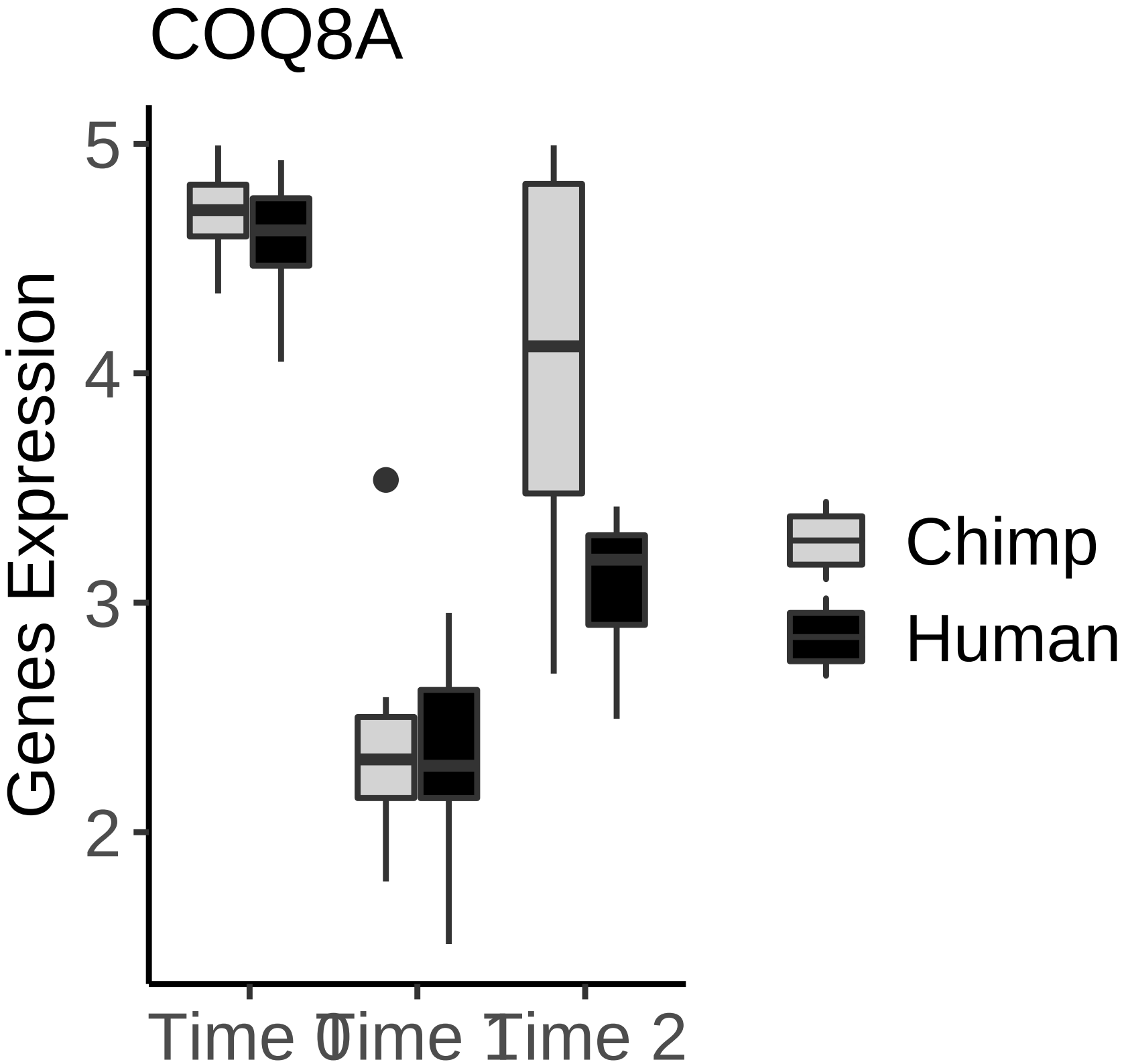
COQ8A
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5
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3
2
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Time 2
Chimp
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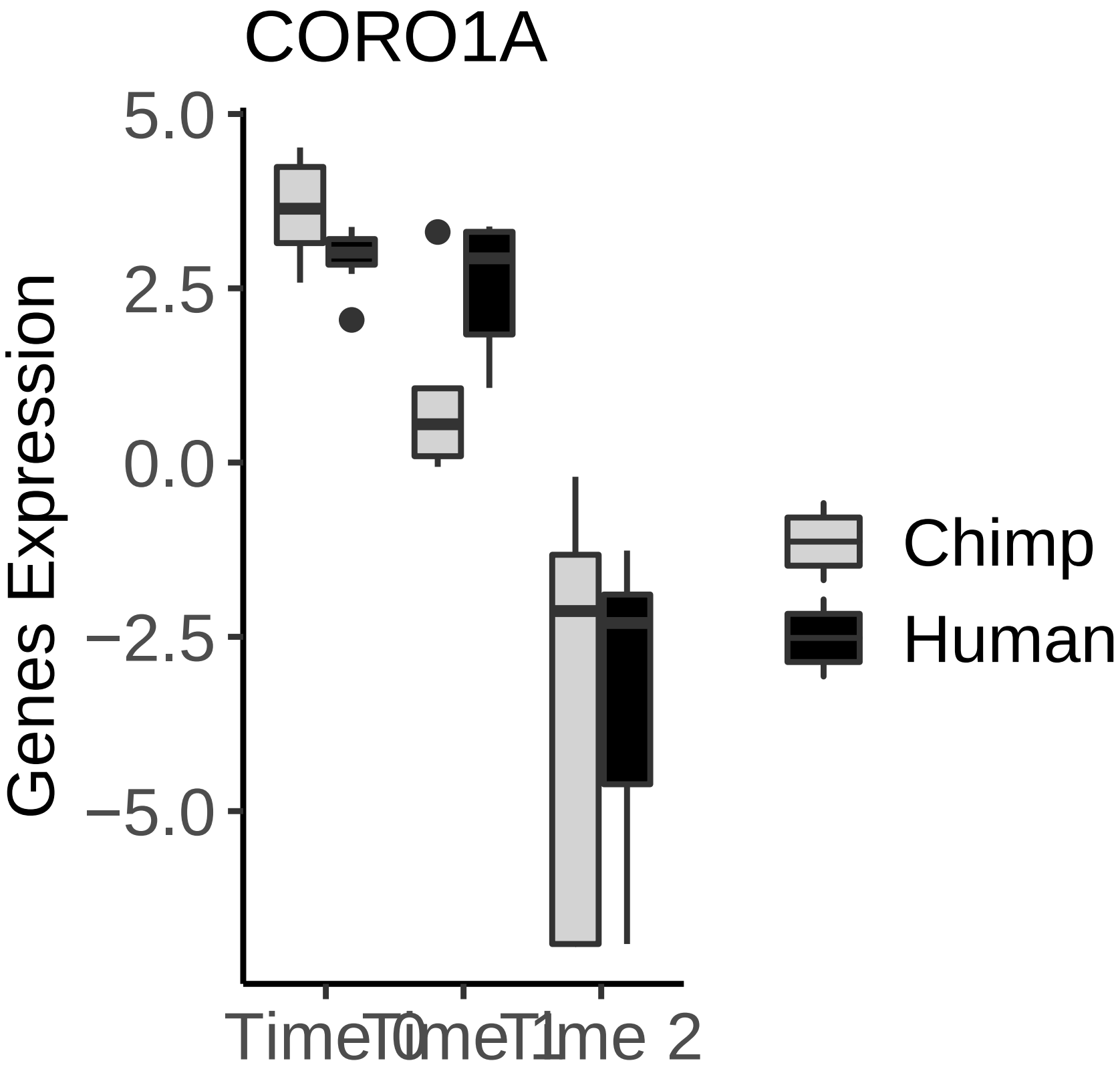
CORO1A
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0.0
−2.5
−5.0
Time 0
Time 1
Time 2
Chimp
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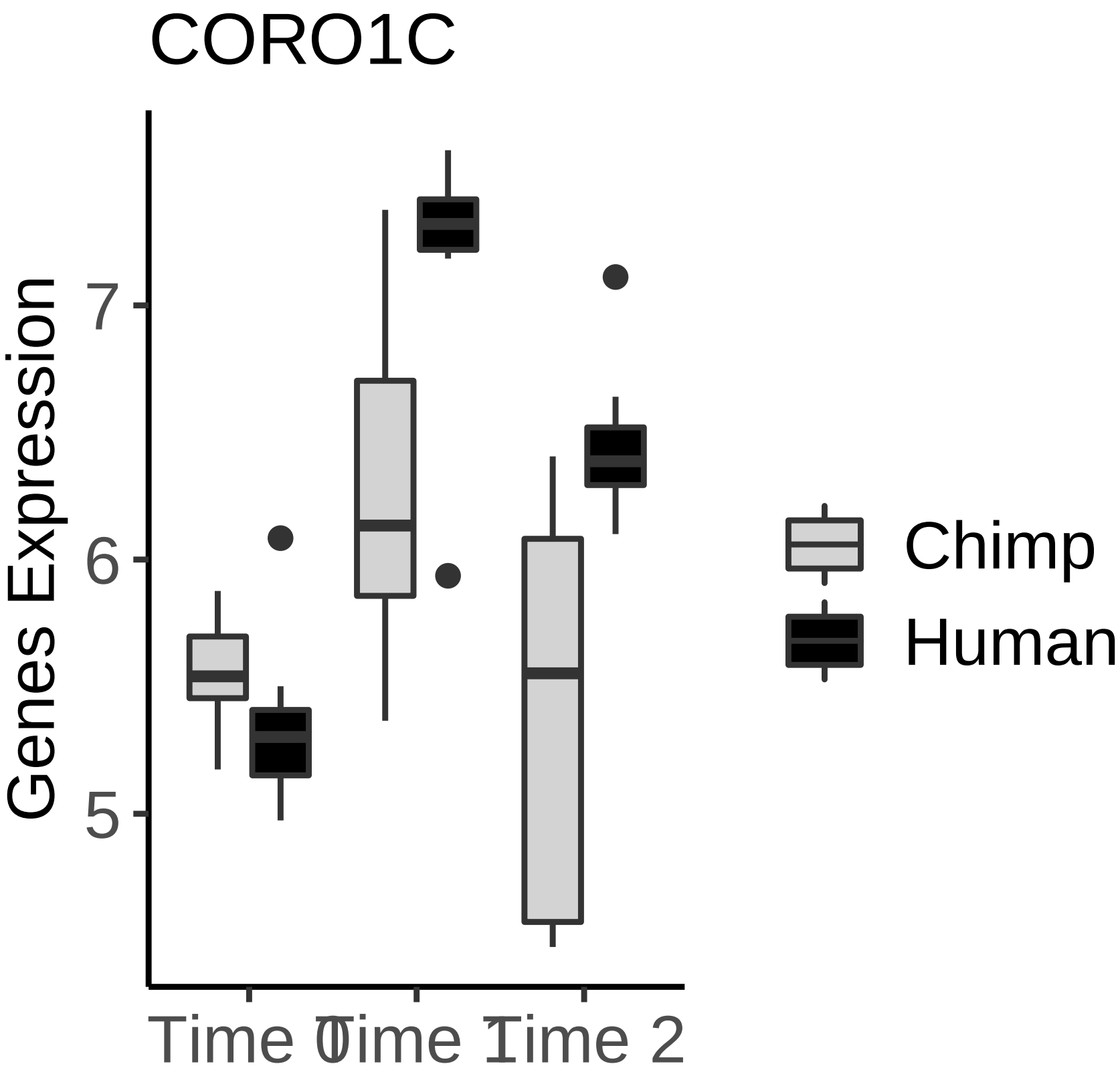
CORO1C
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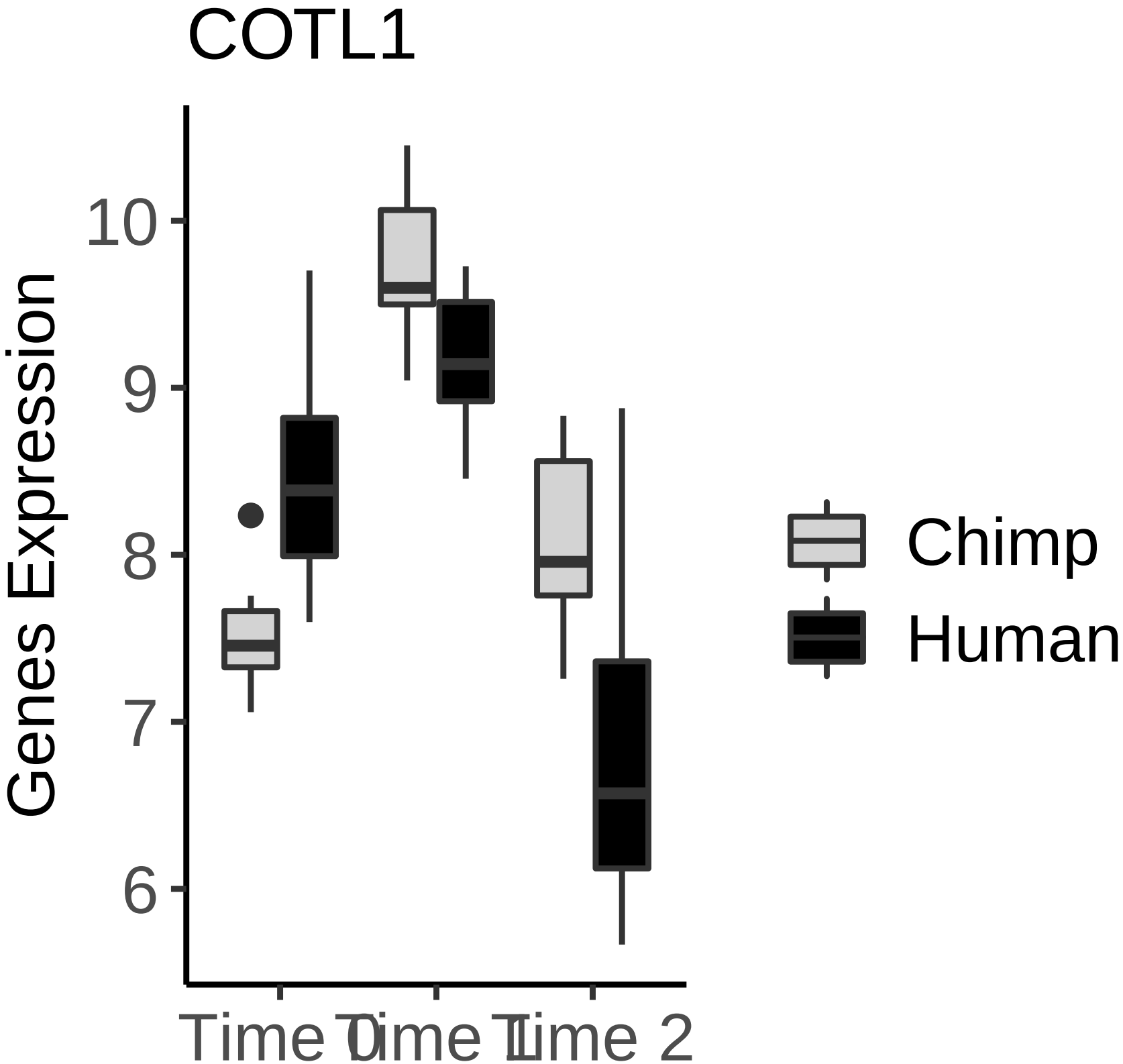
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Time 0
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Time 2
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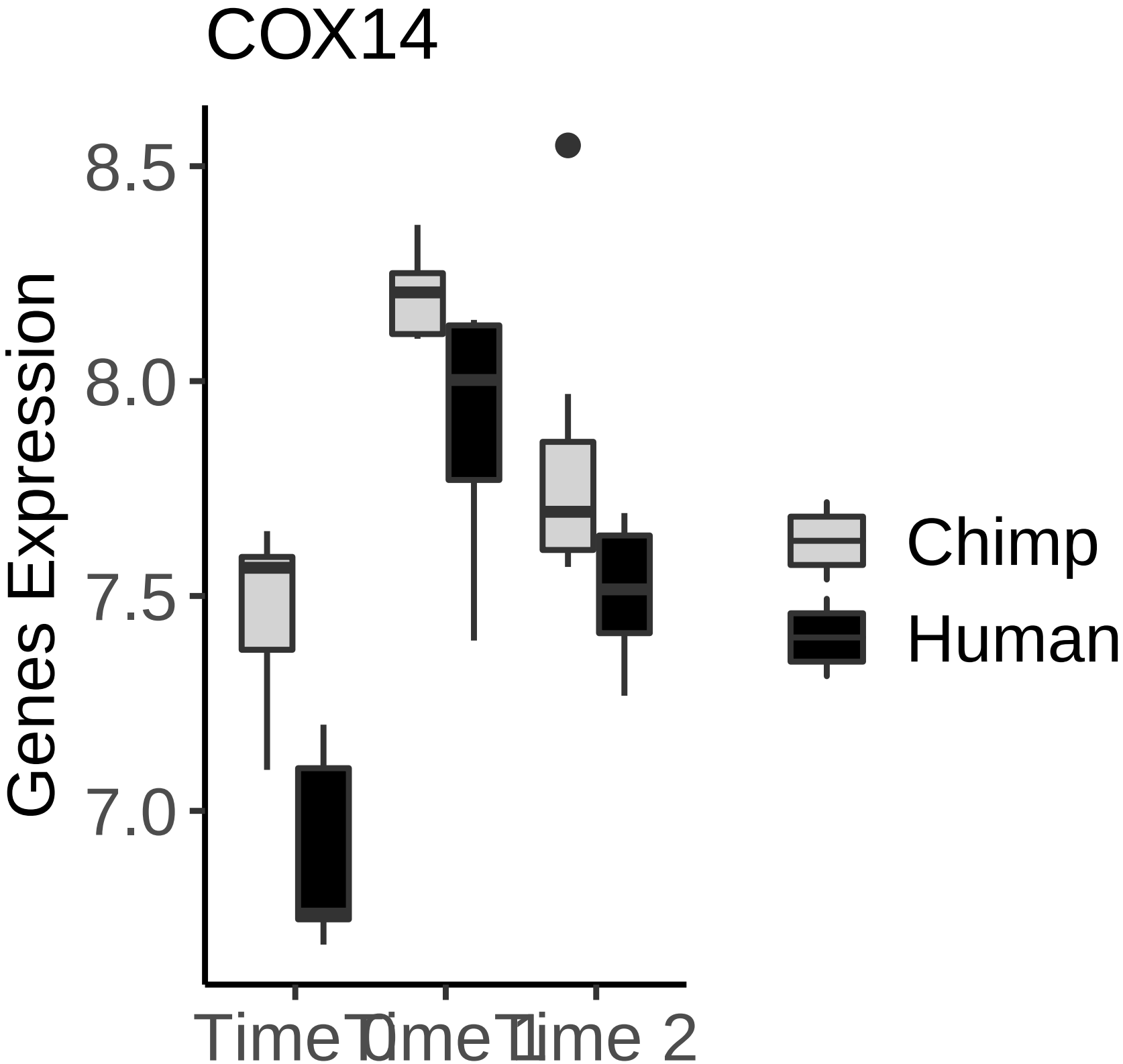
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7.0
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Time 2
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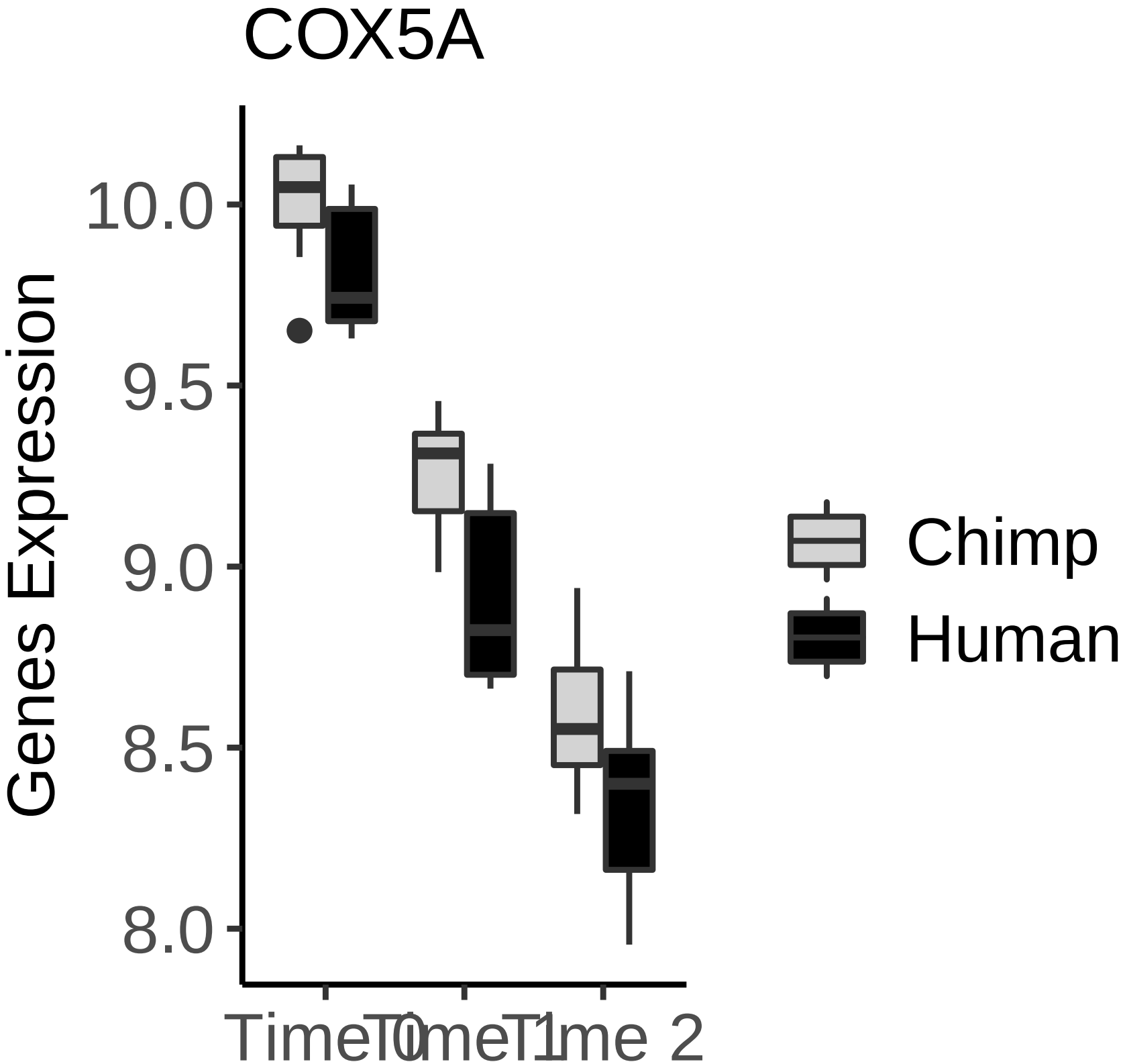
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8.5
8.0
Time 0
Time 1
Time 2
Chimp
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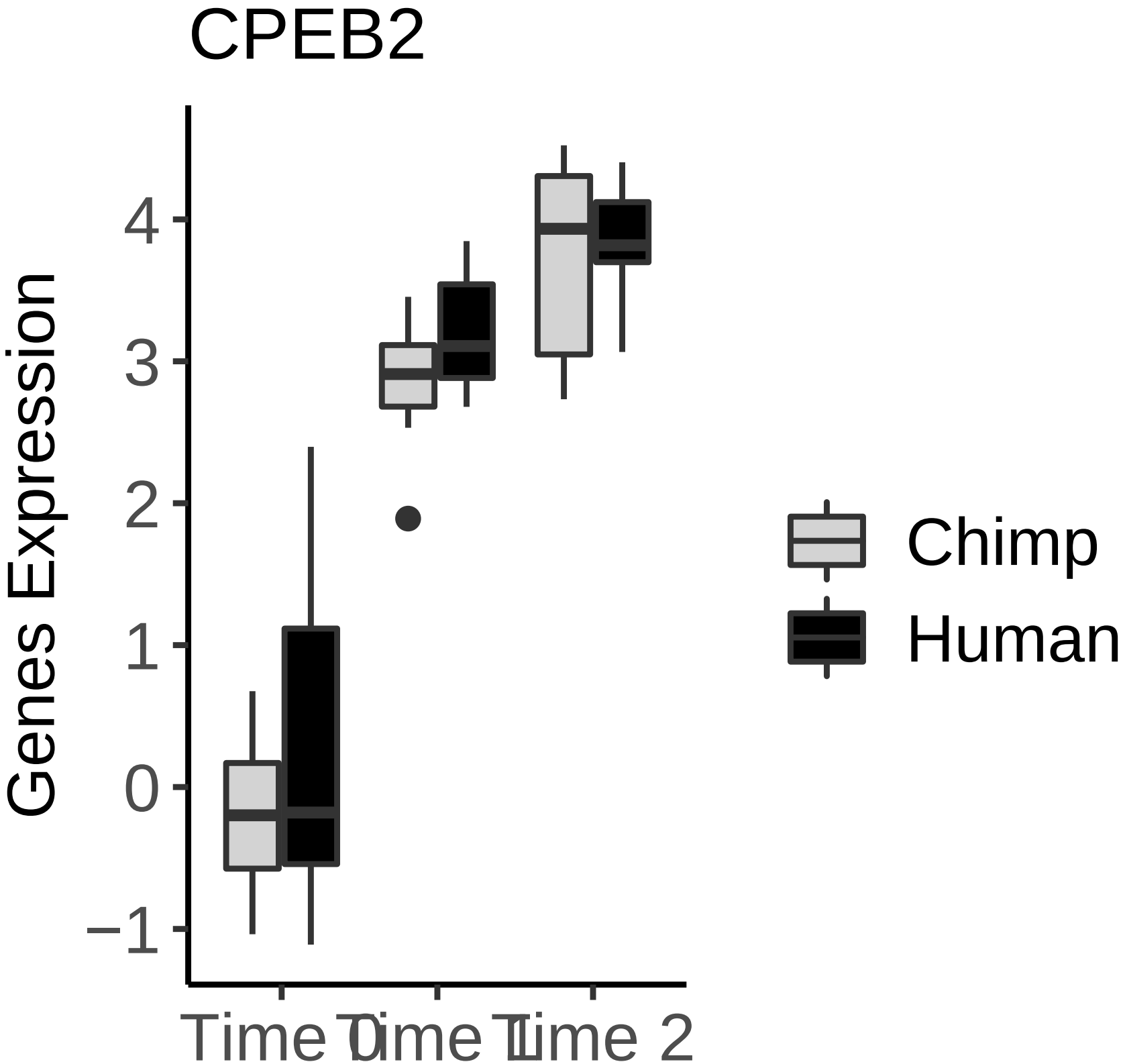
CPEB2
Genes Expression
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0
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Time 1
Time 2
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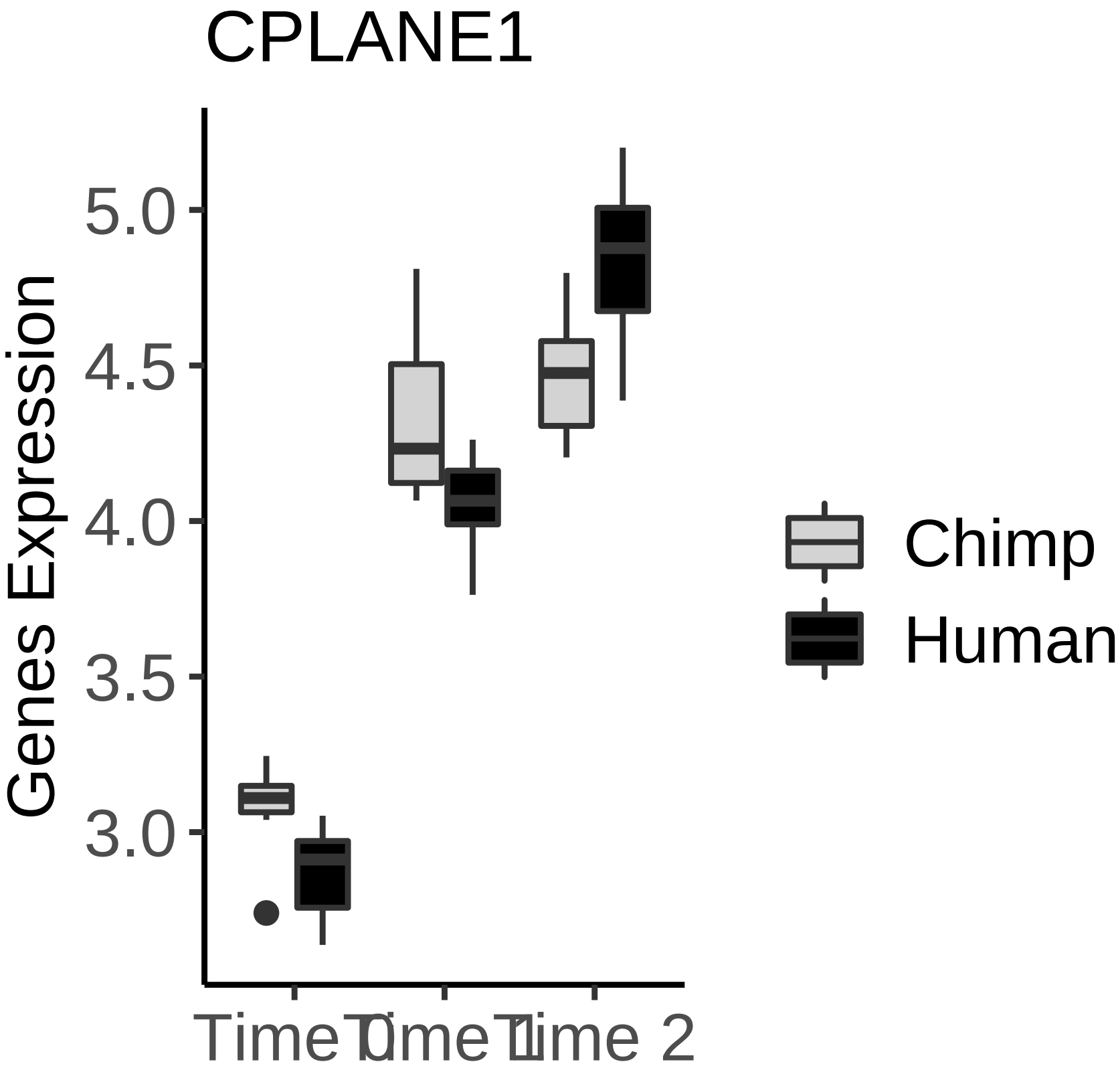
CPLANE1
Genes Expression
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4.5
4.0
3.5
3.0
Time 0
Time 1
Time 2
Chimp
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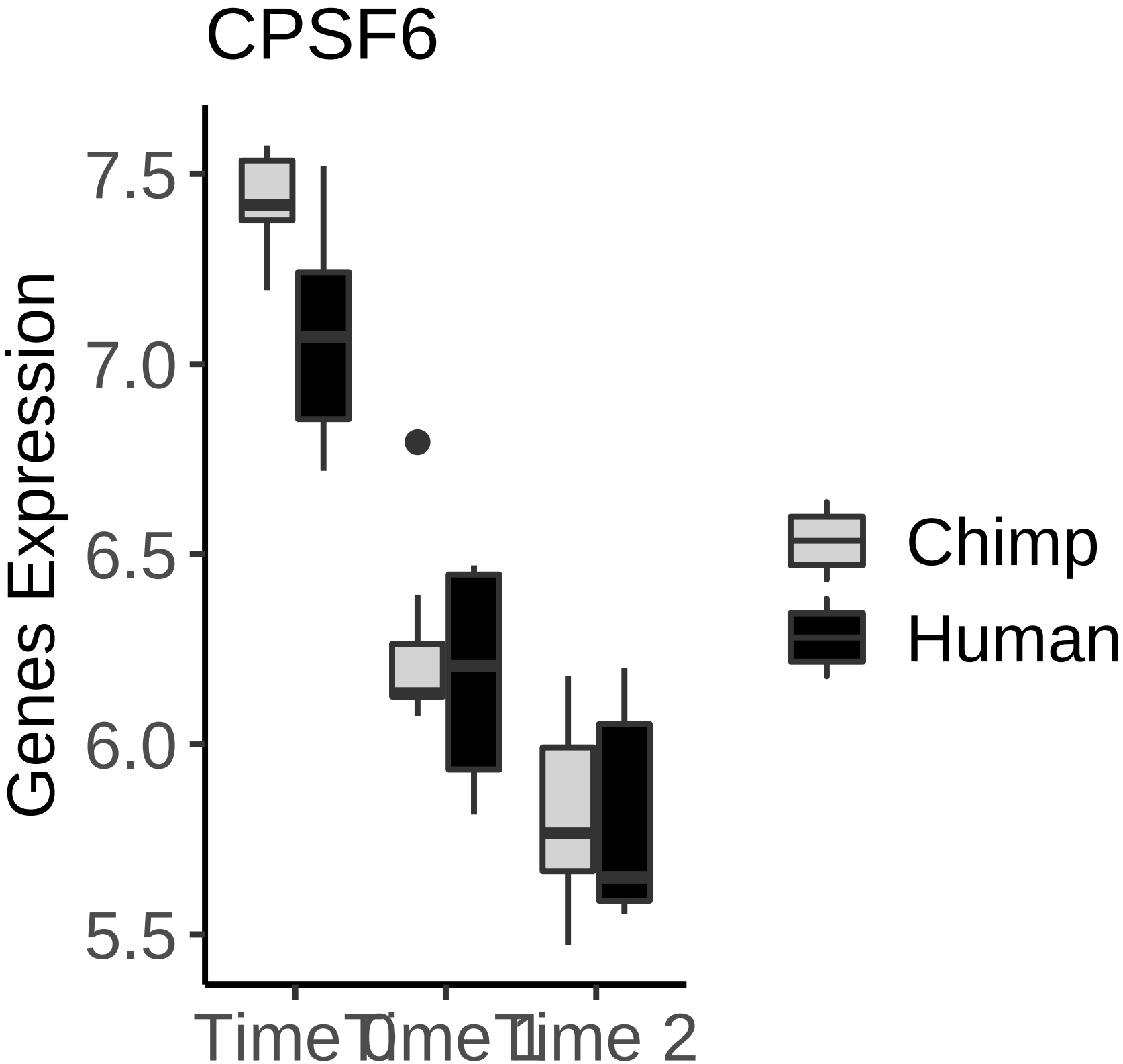
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6.0
5.5
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Time 1
Time 2
Chimp
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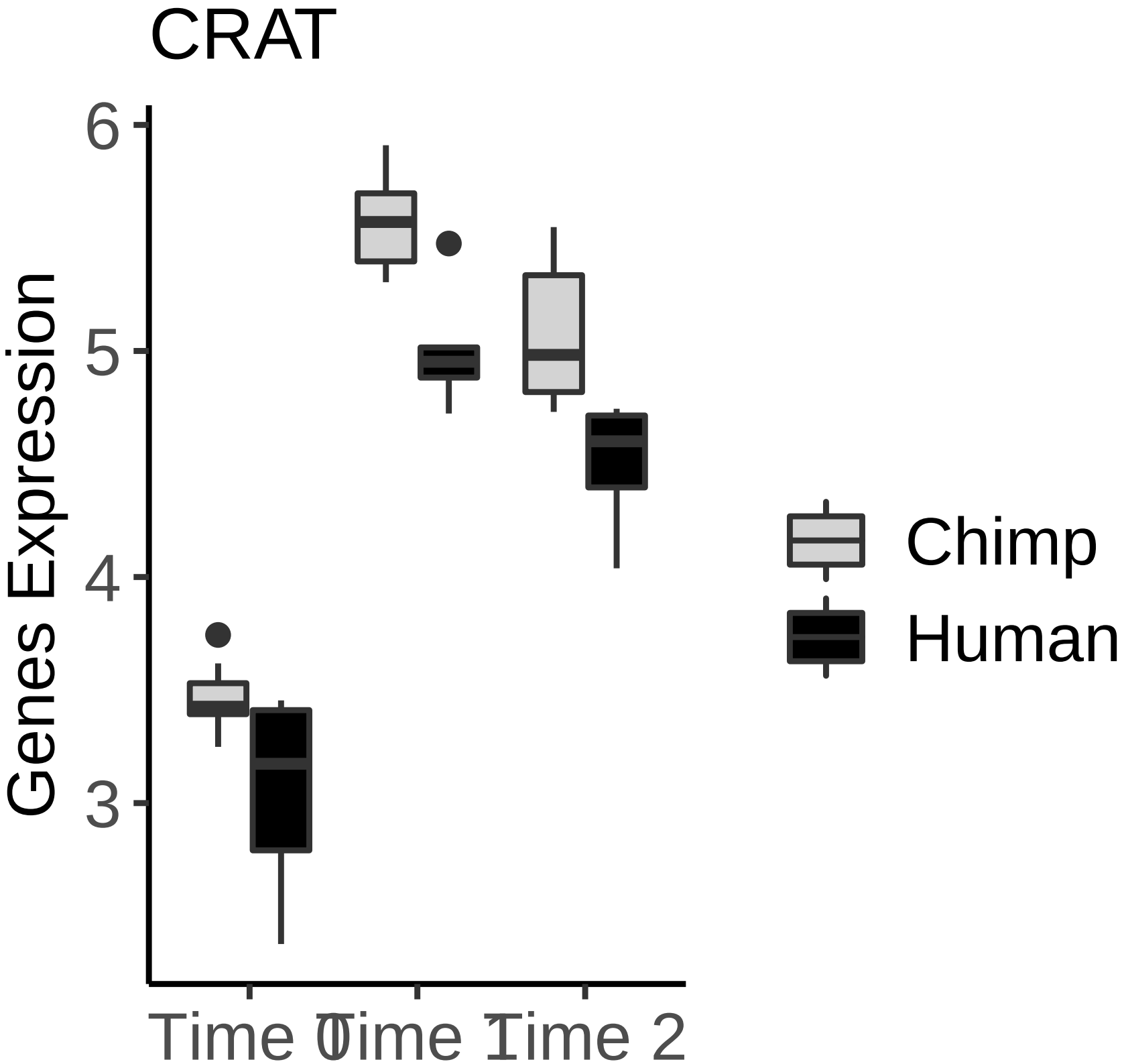
CRAT
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Chimp
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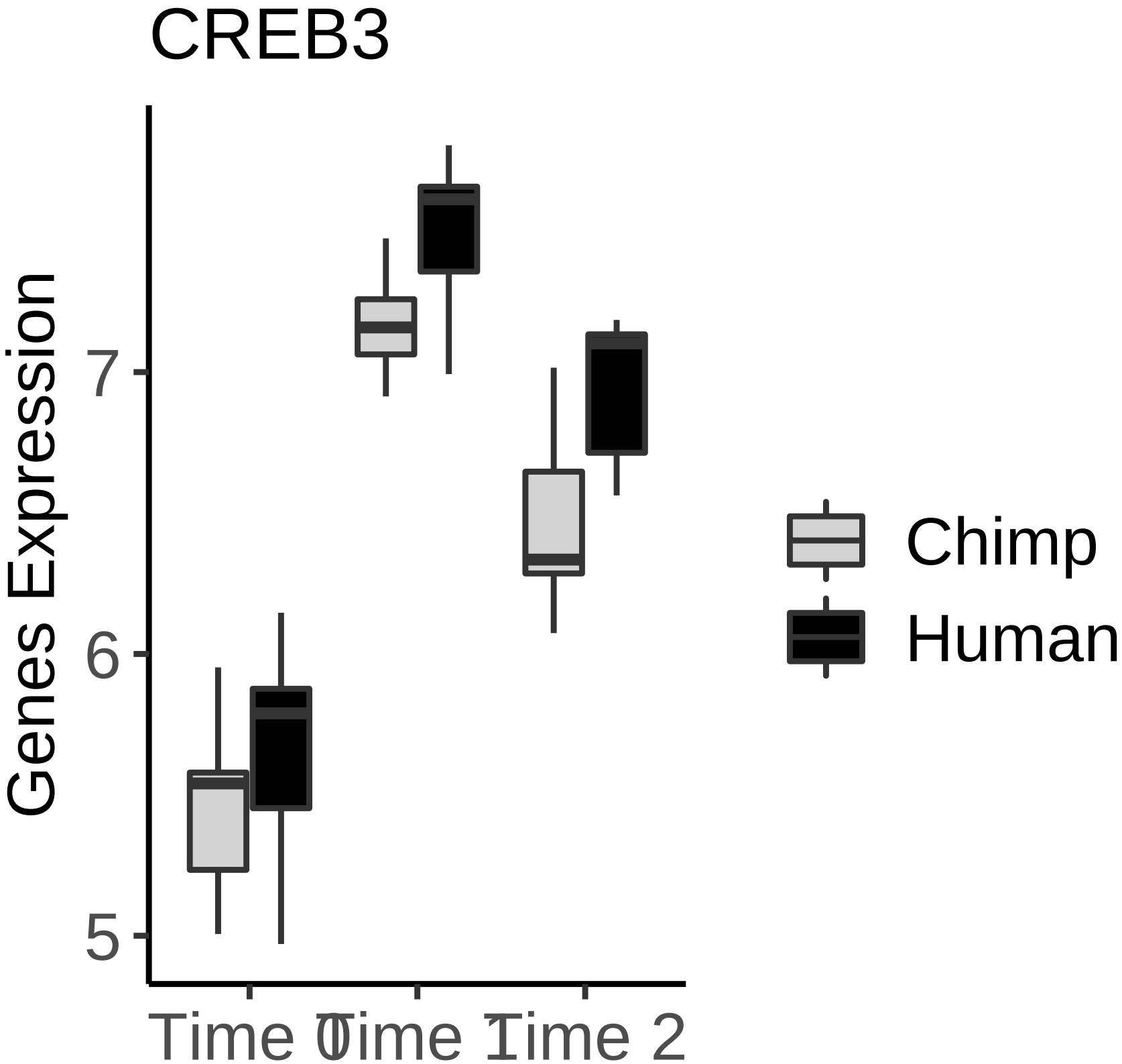
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6
5
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Time 2
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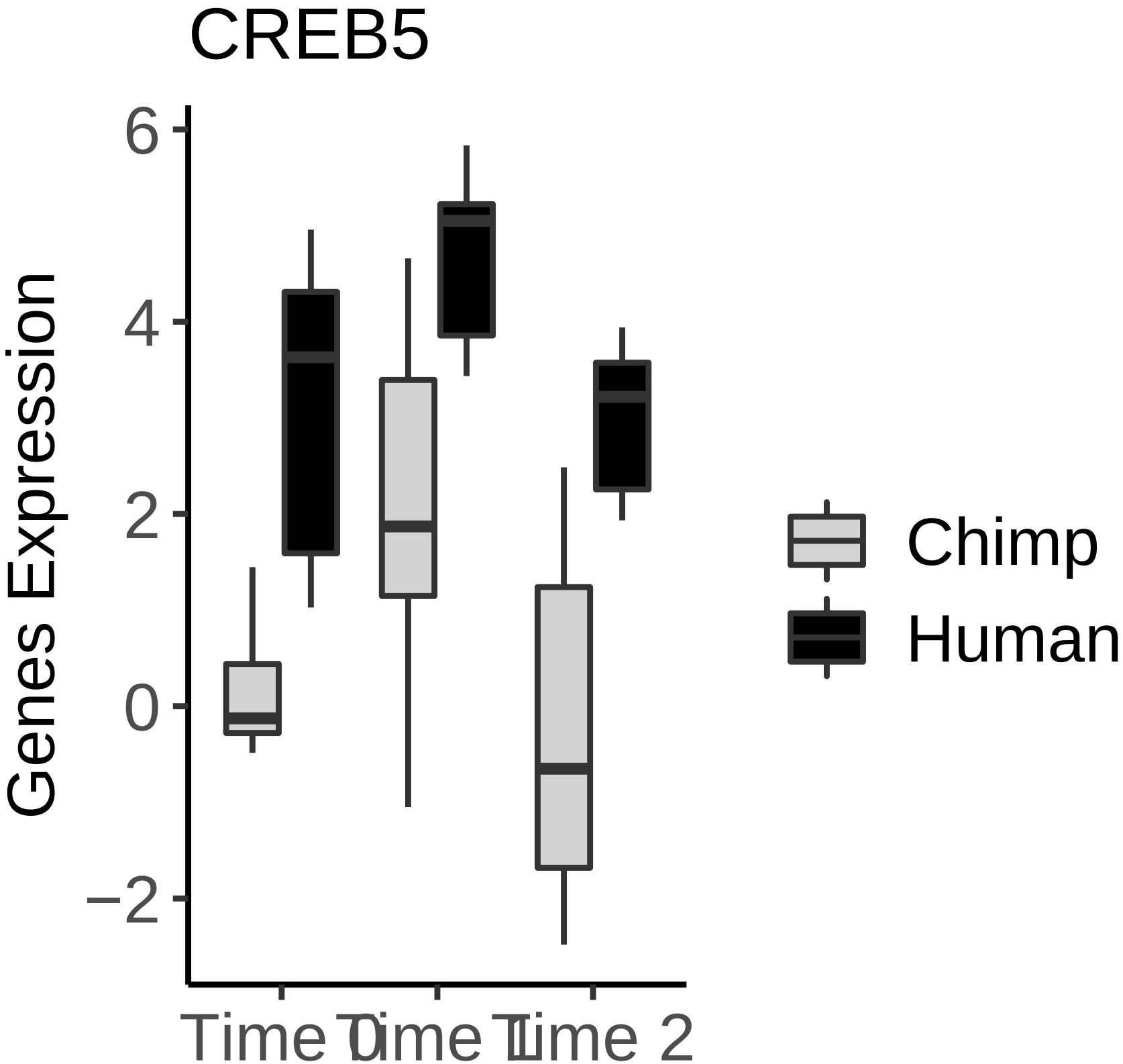
CREB5
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−2
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Time 2
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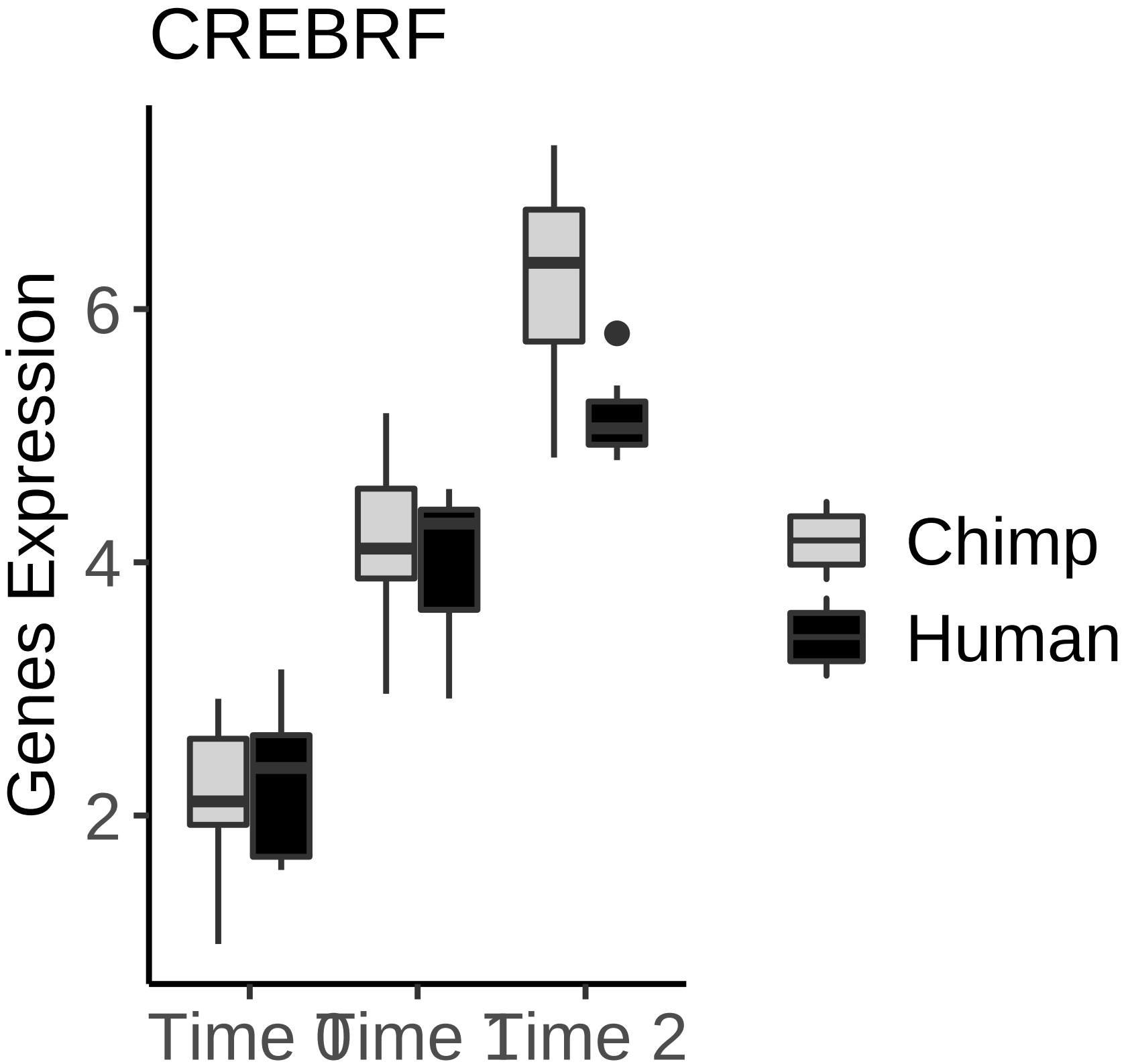
CREBRF
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4
2
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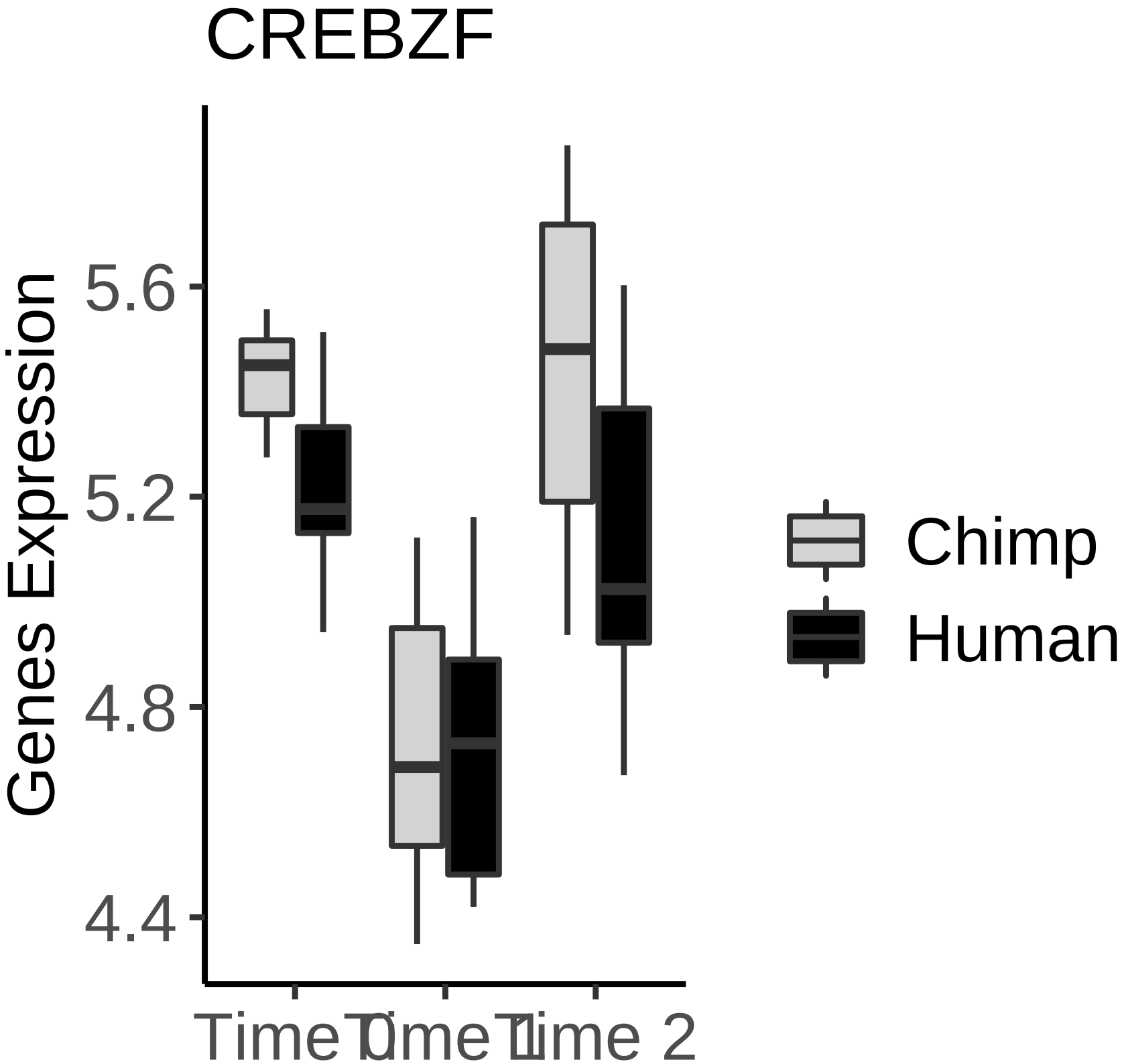
CREBZF
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4.4
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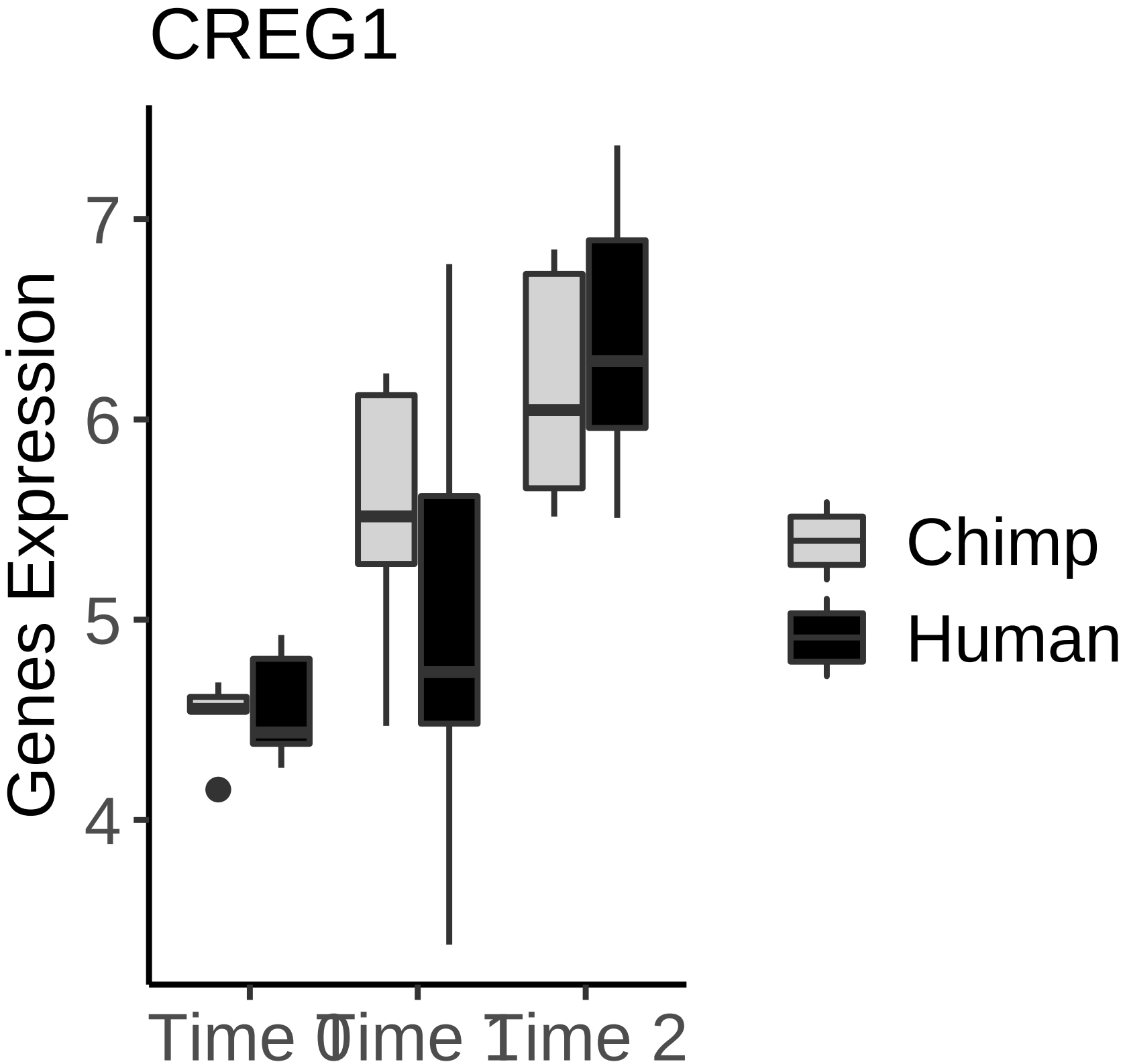
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Chimp
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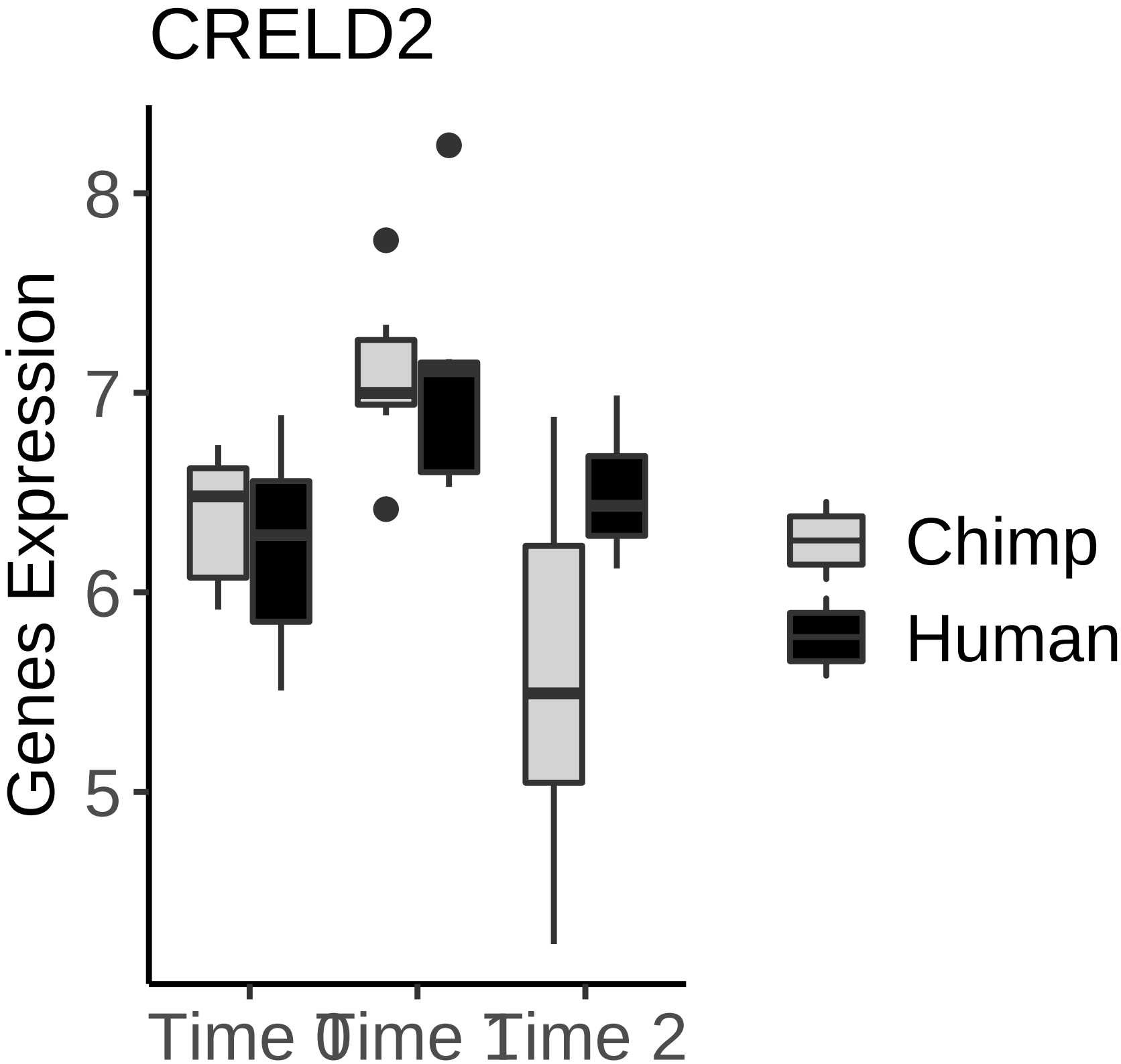
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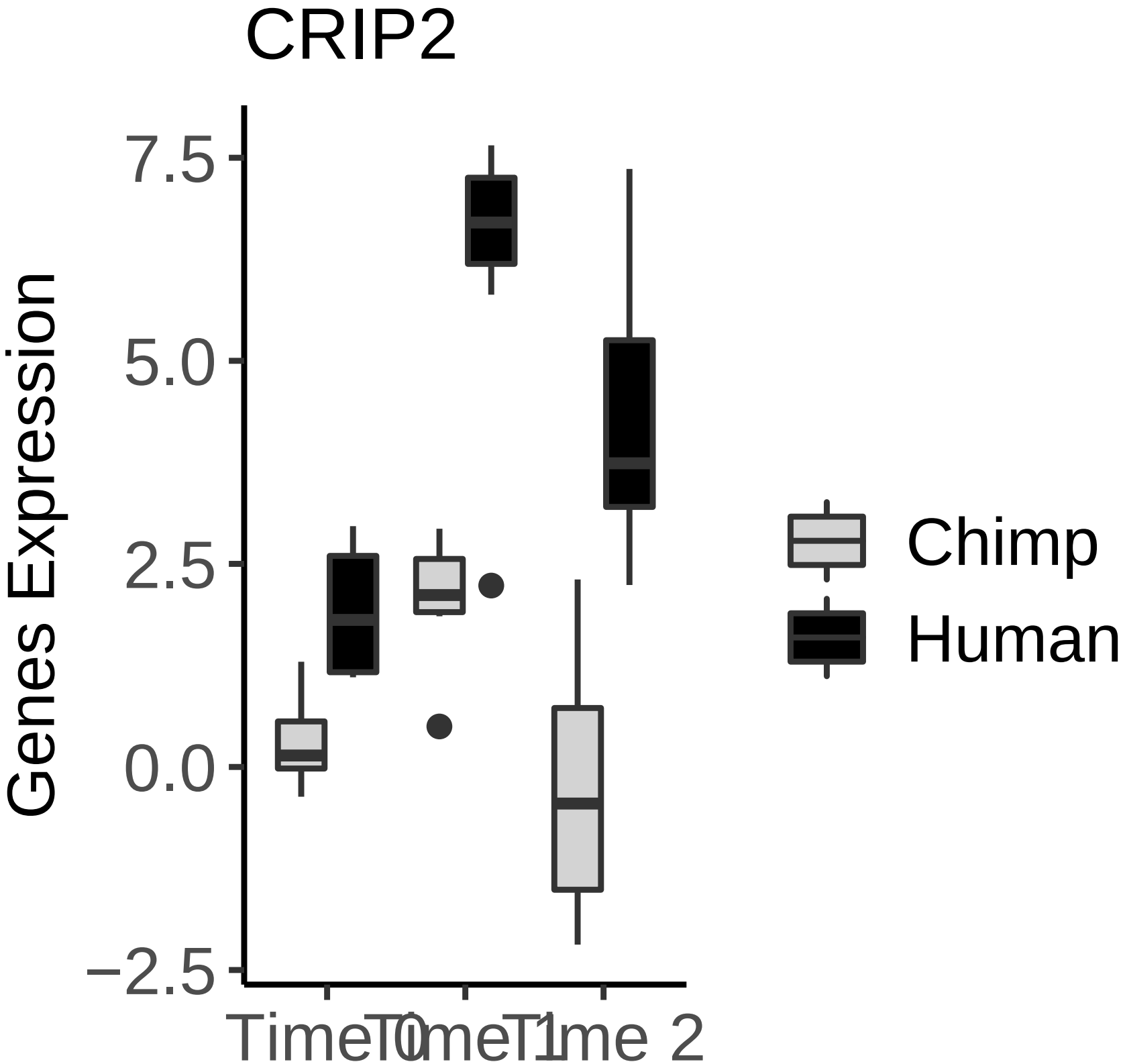
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Chimp
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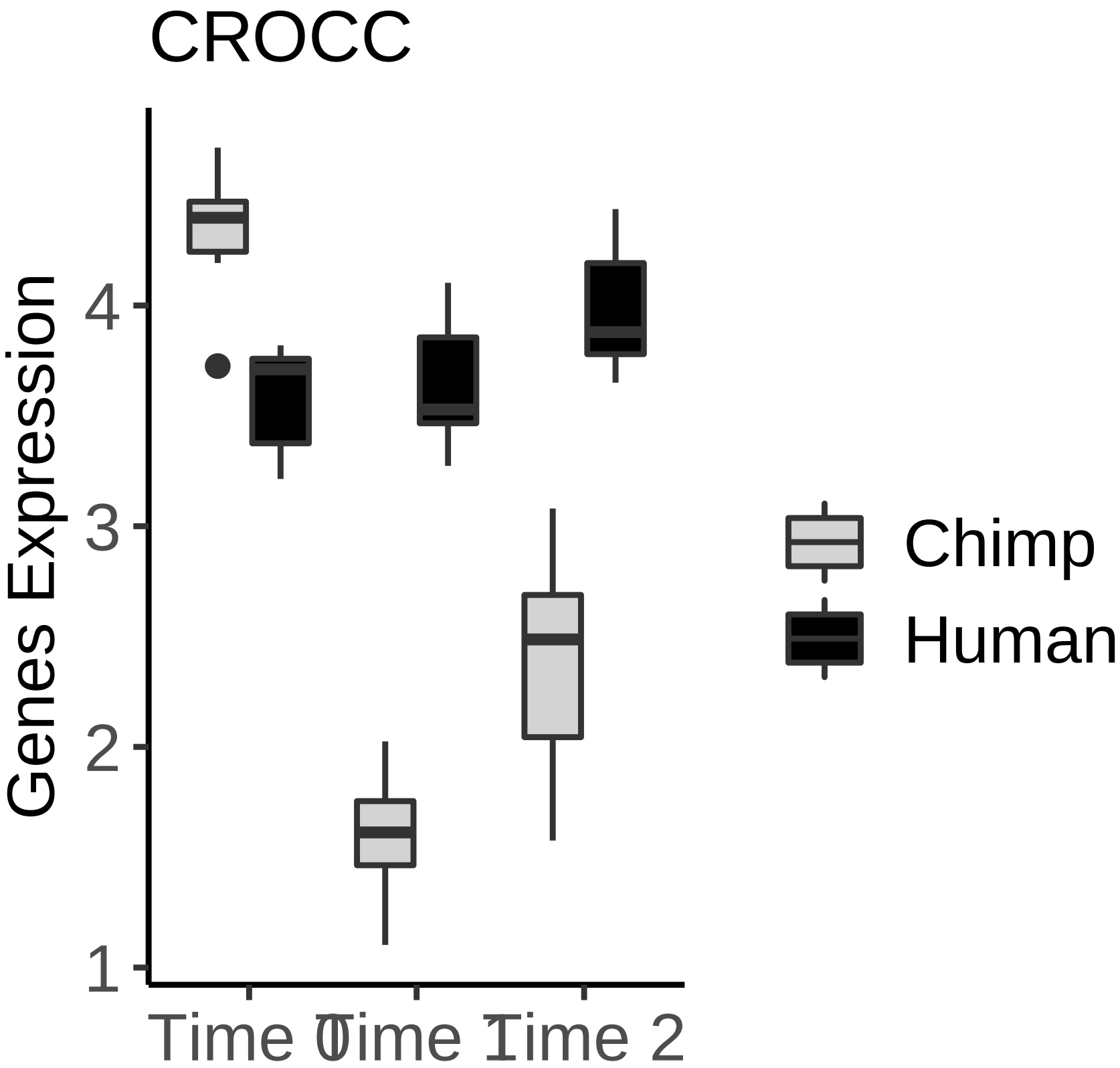
CROCC
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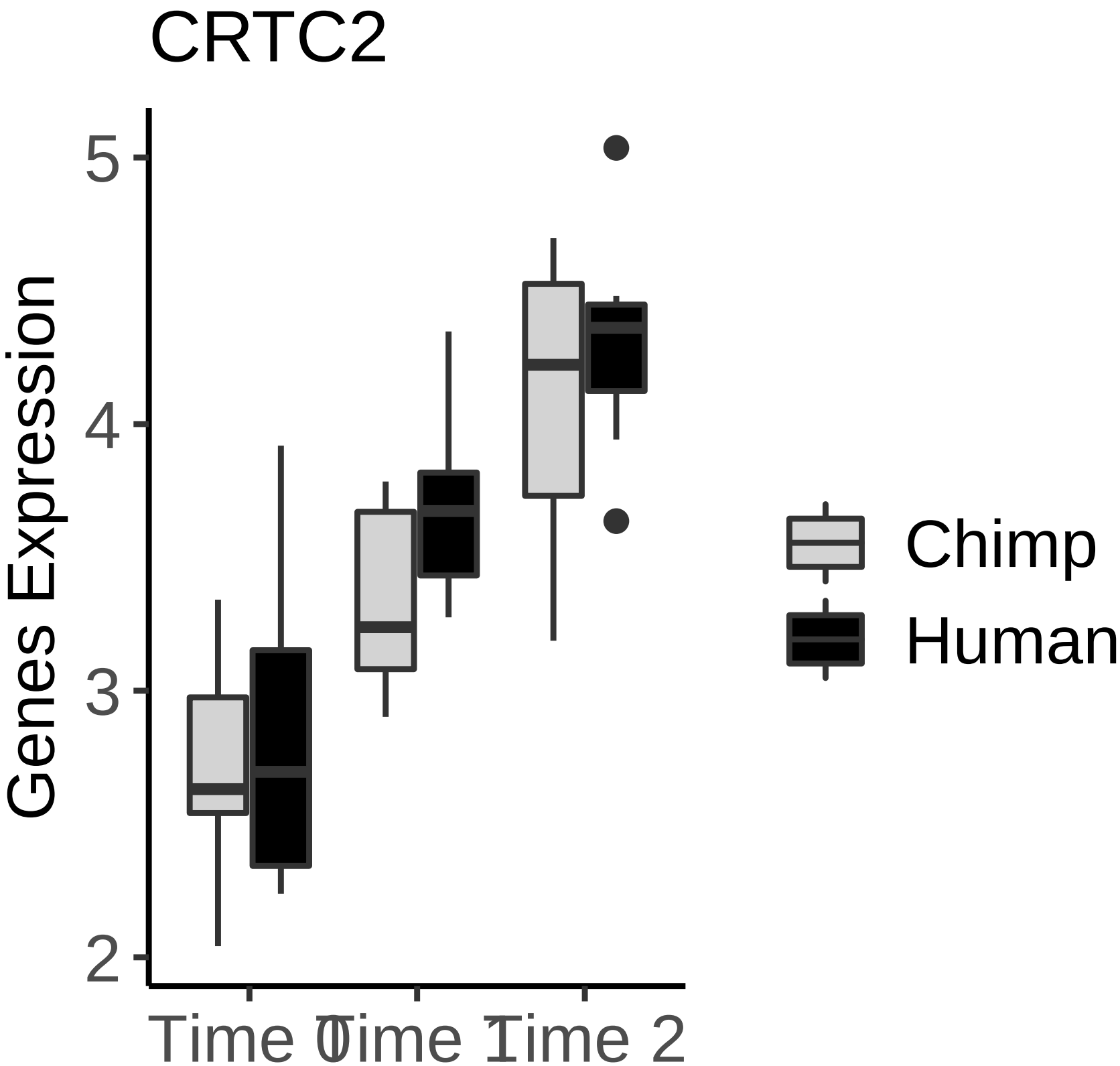
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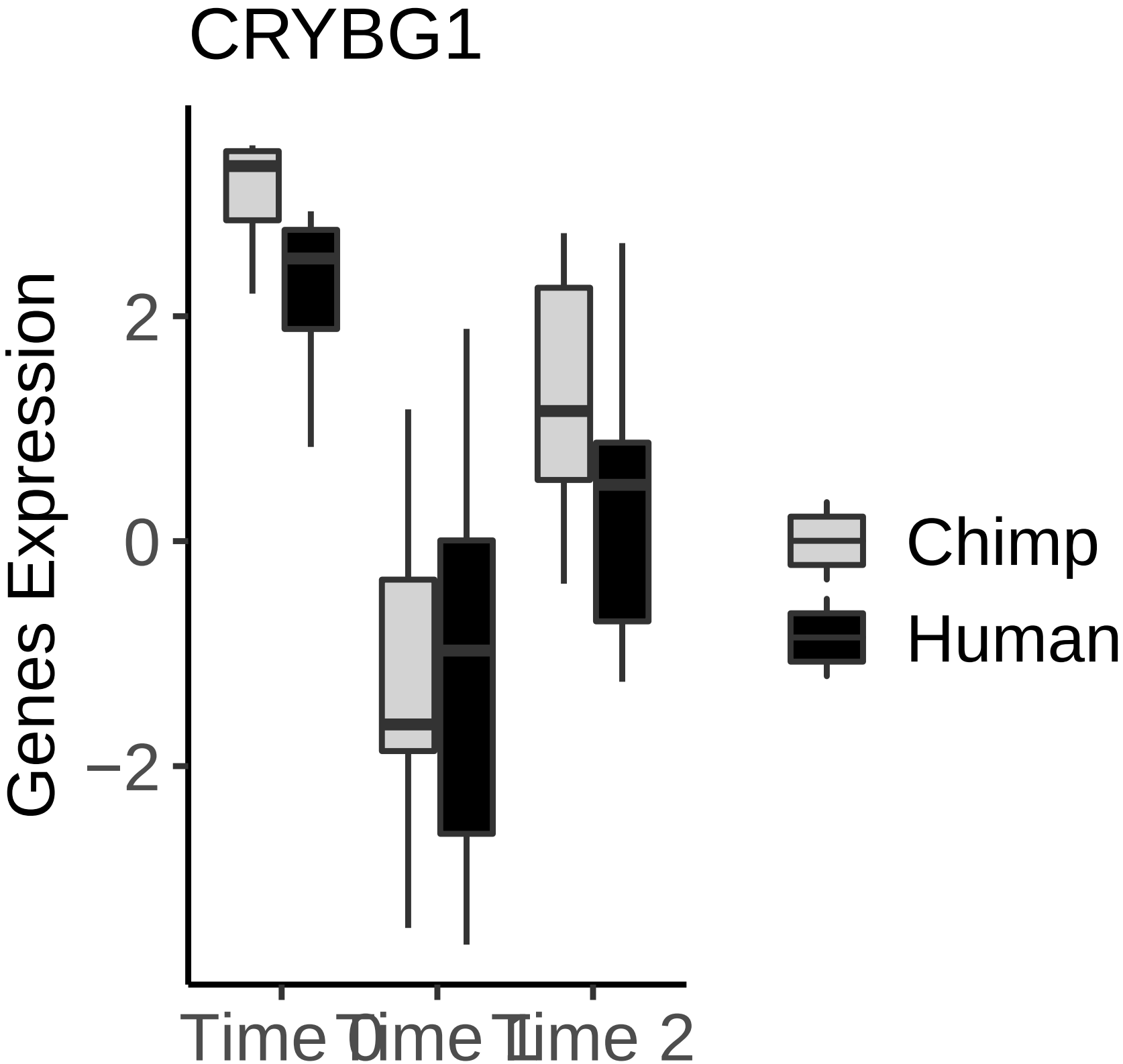
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Chimp
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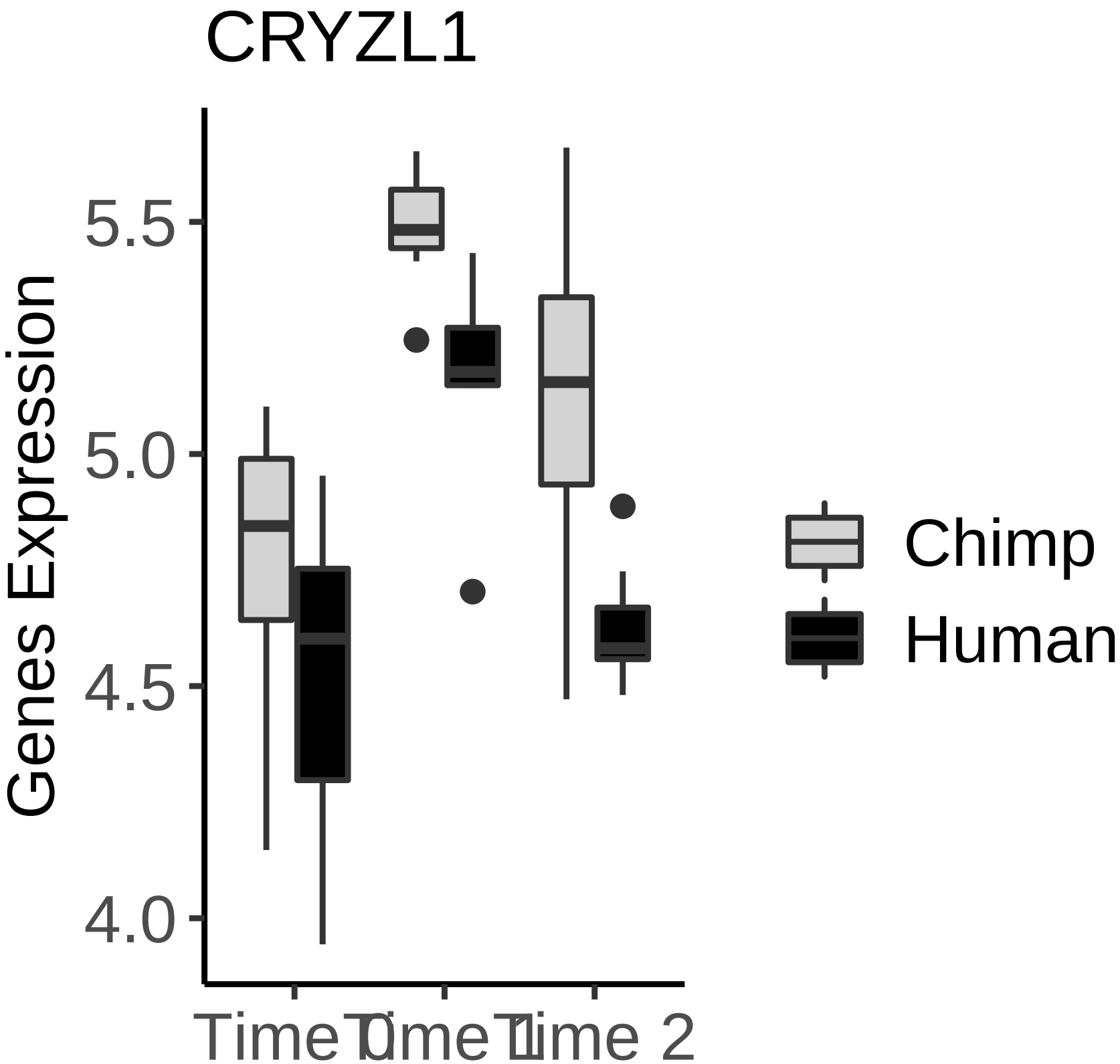
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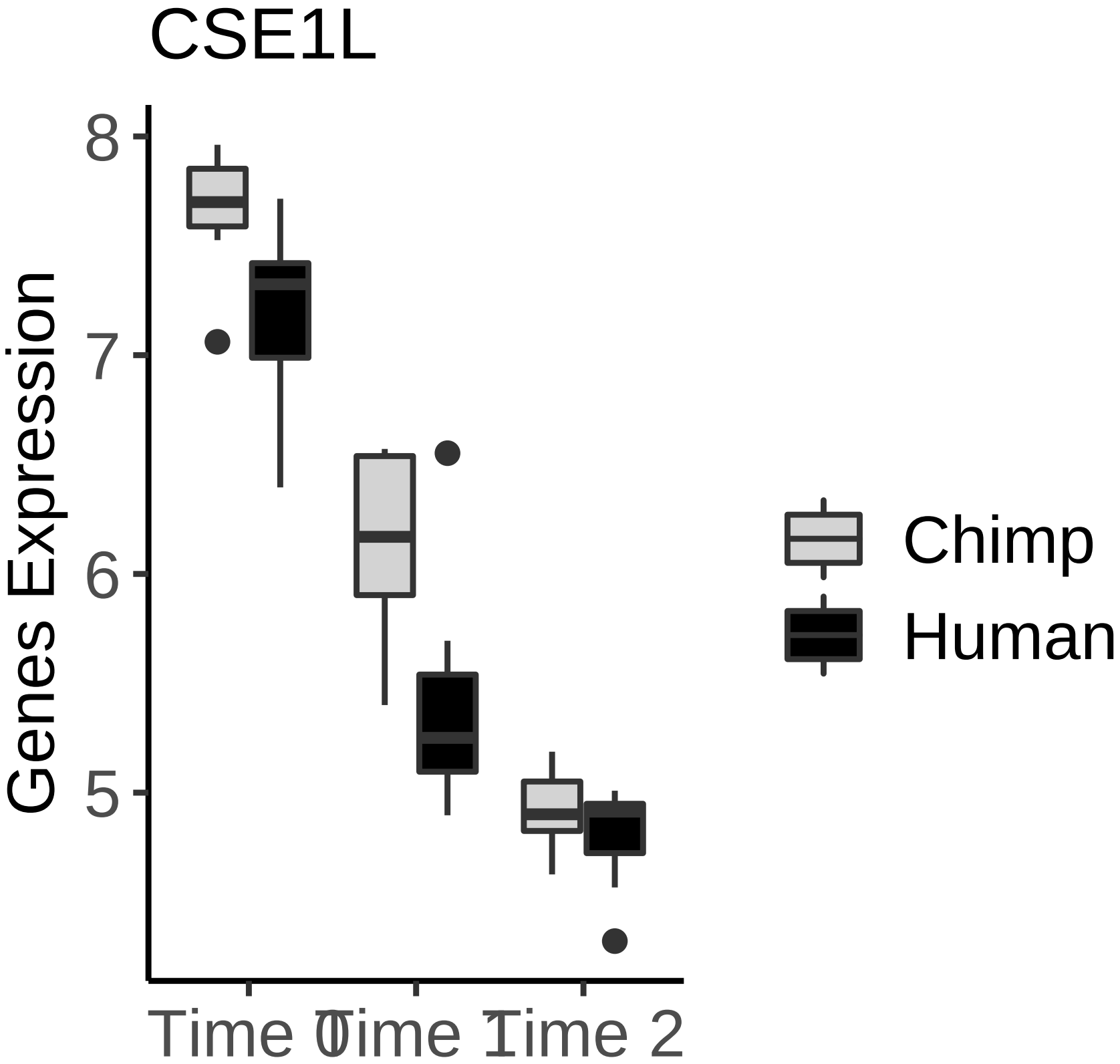
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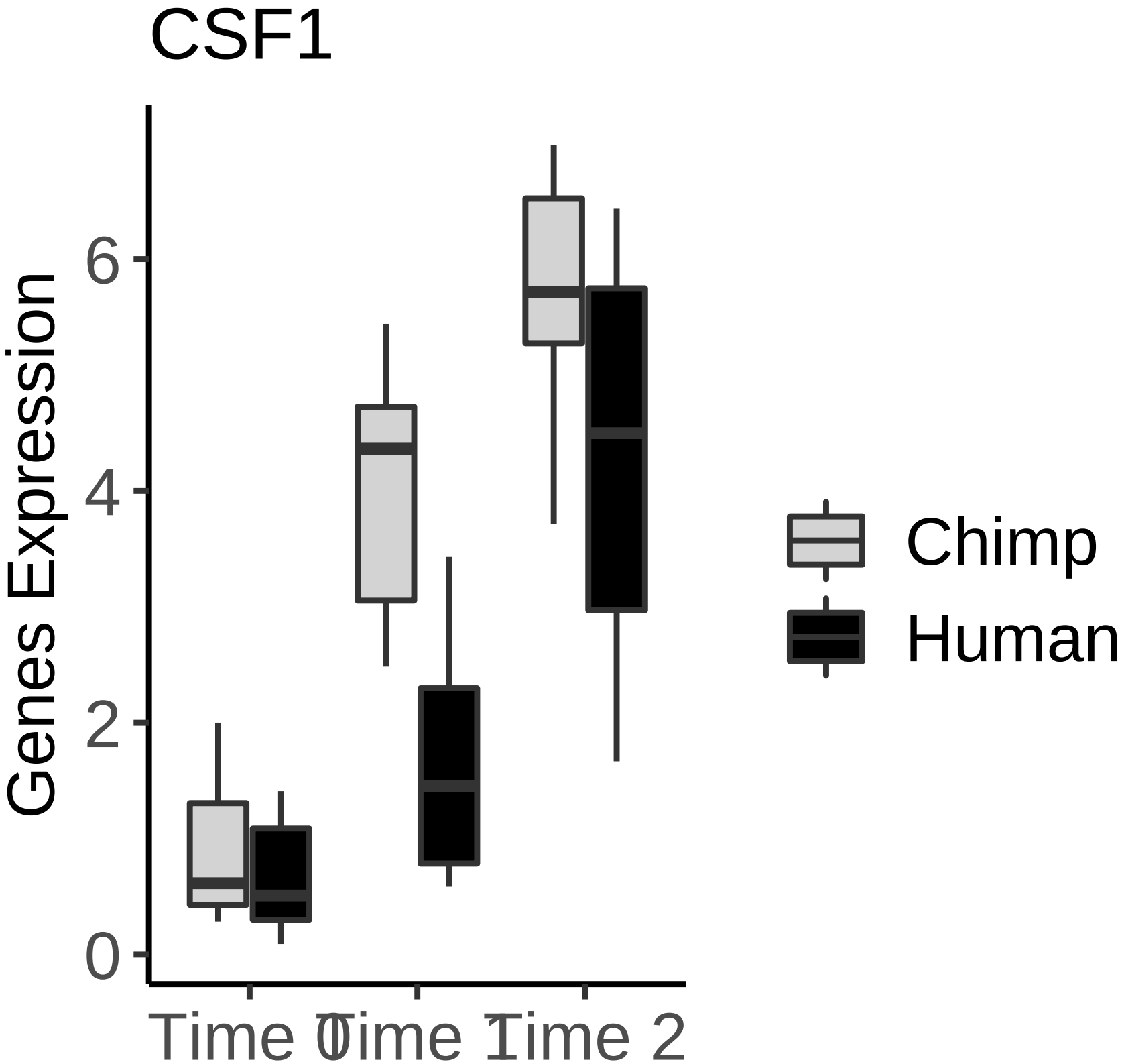
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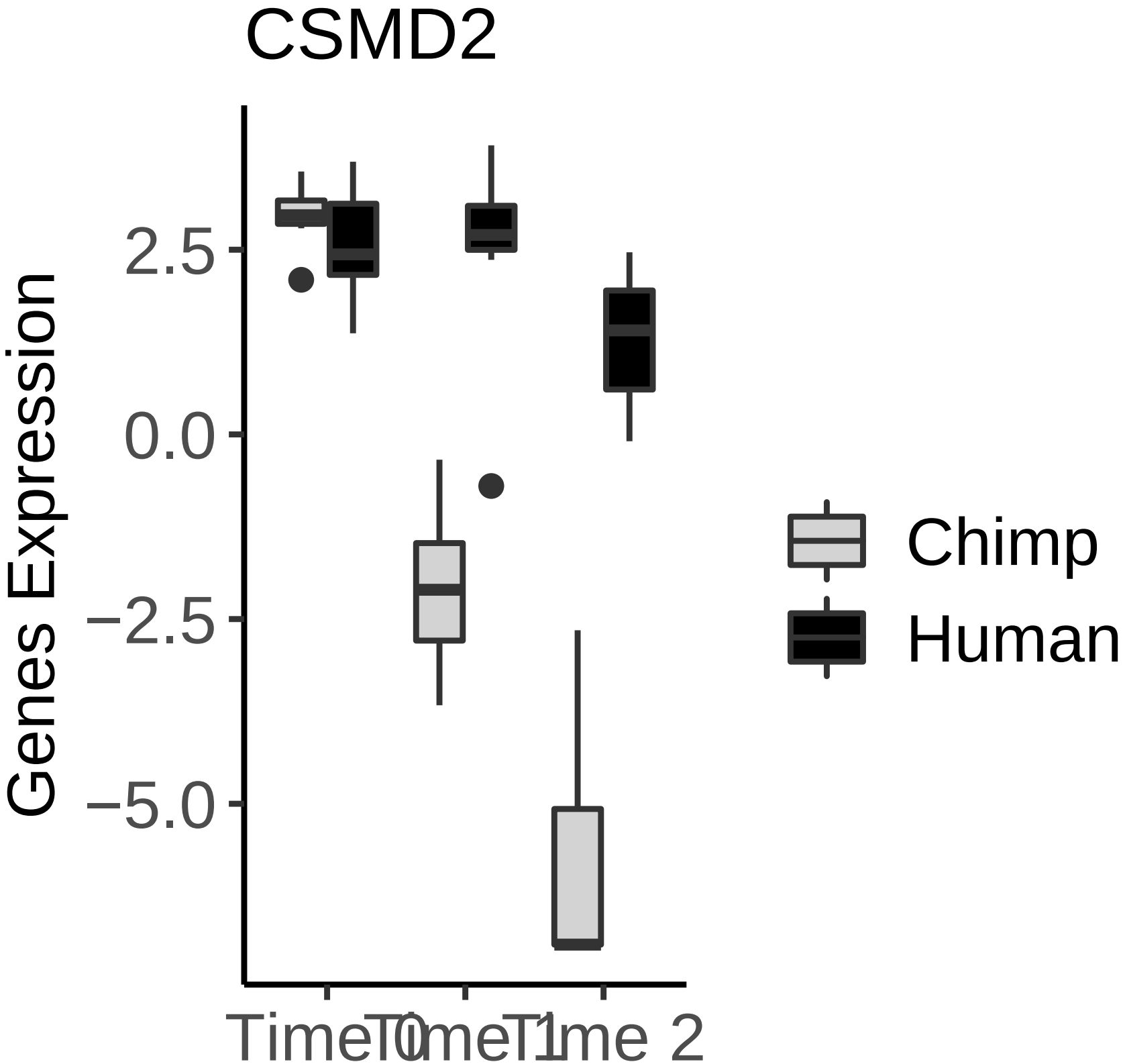
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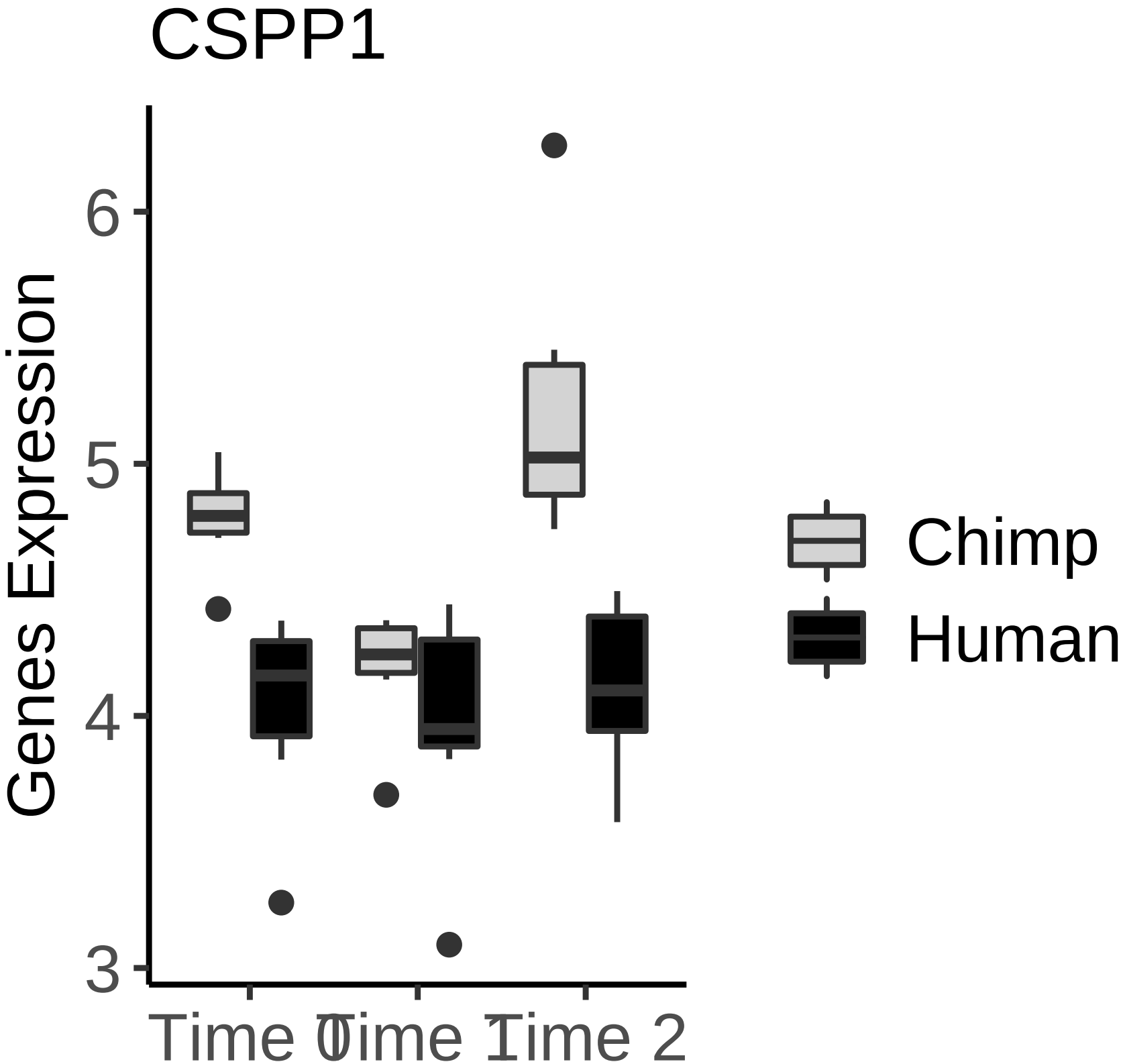
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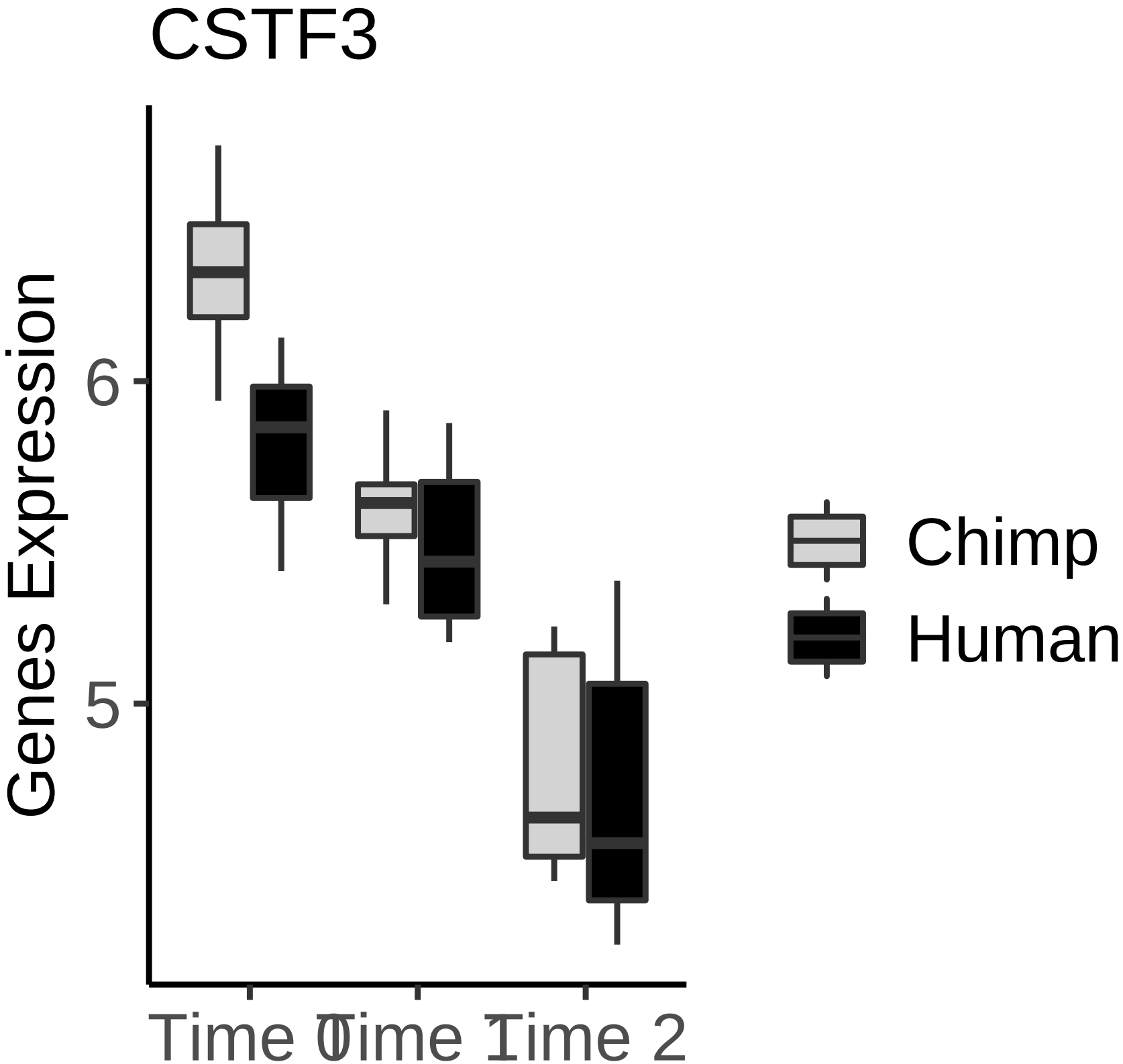
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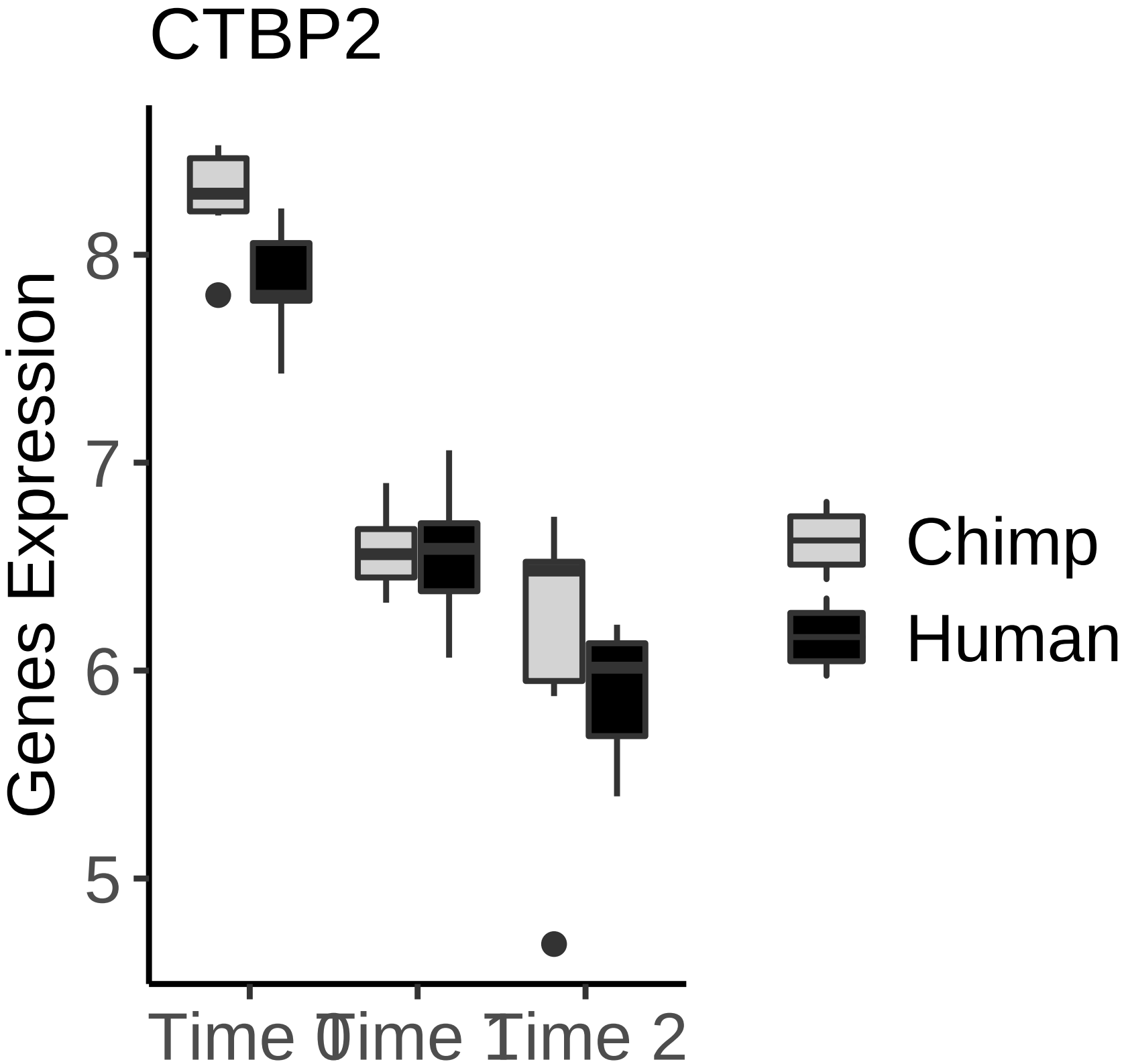
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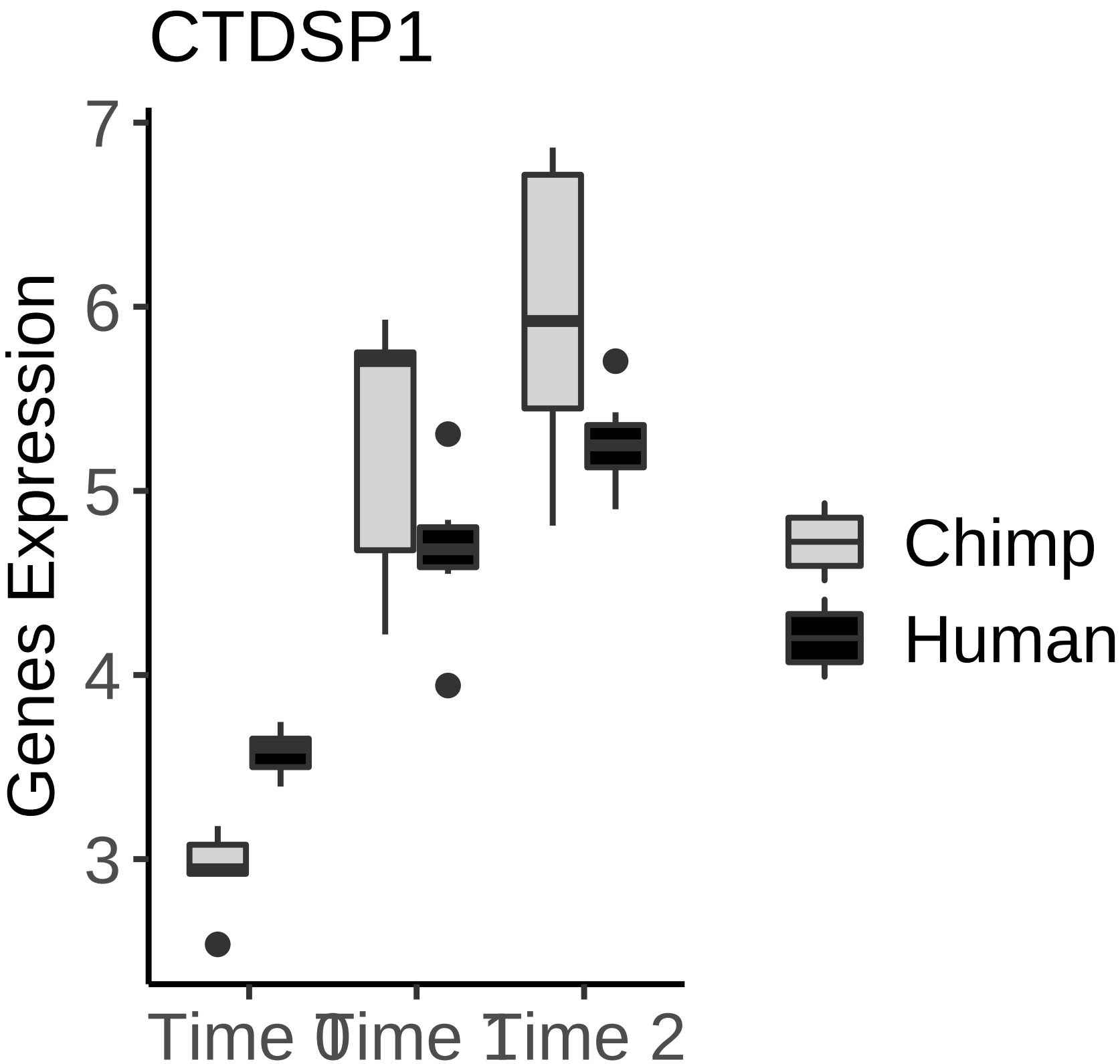
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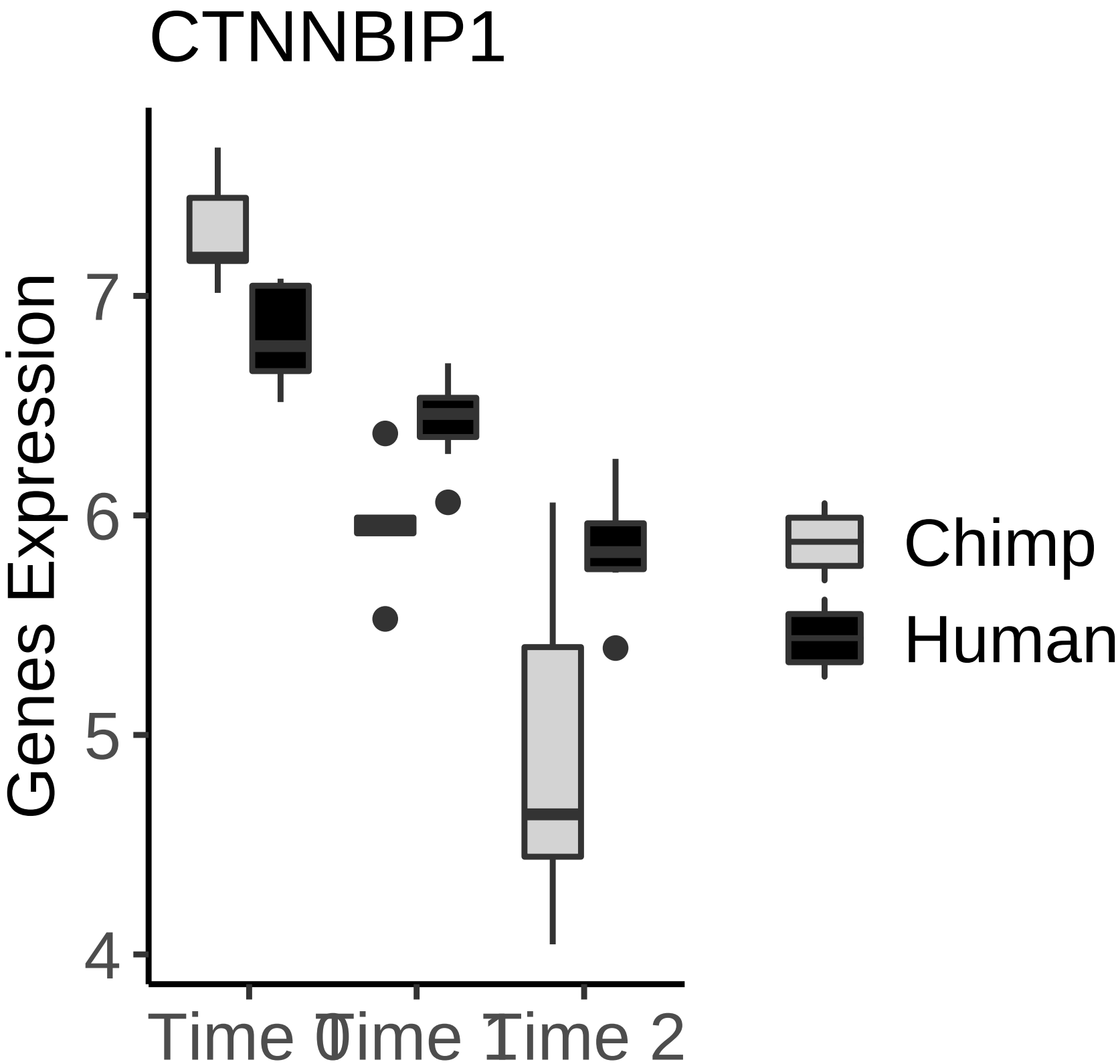
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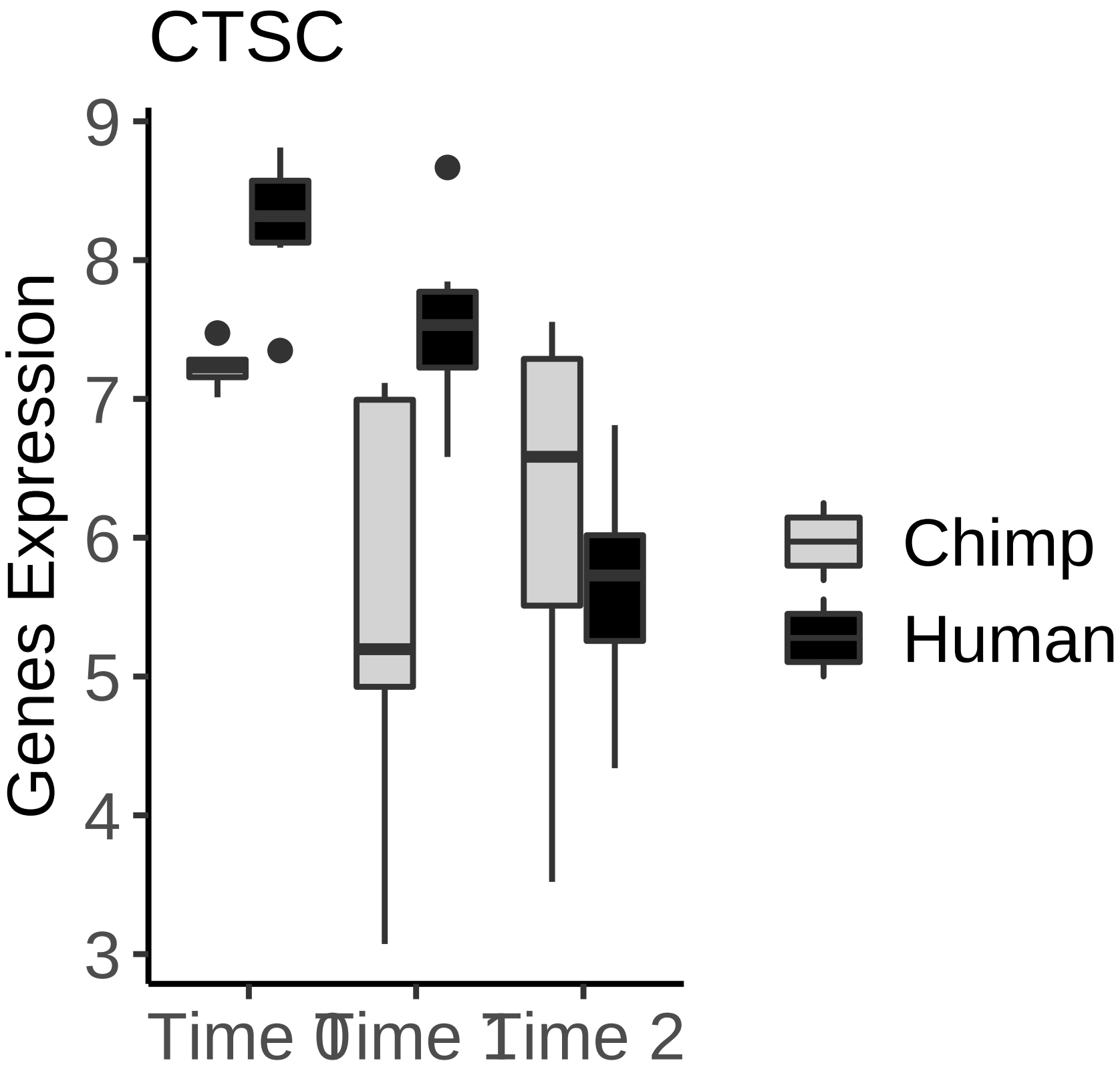
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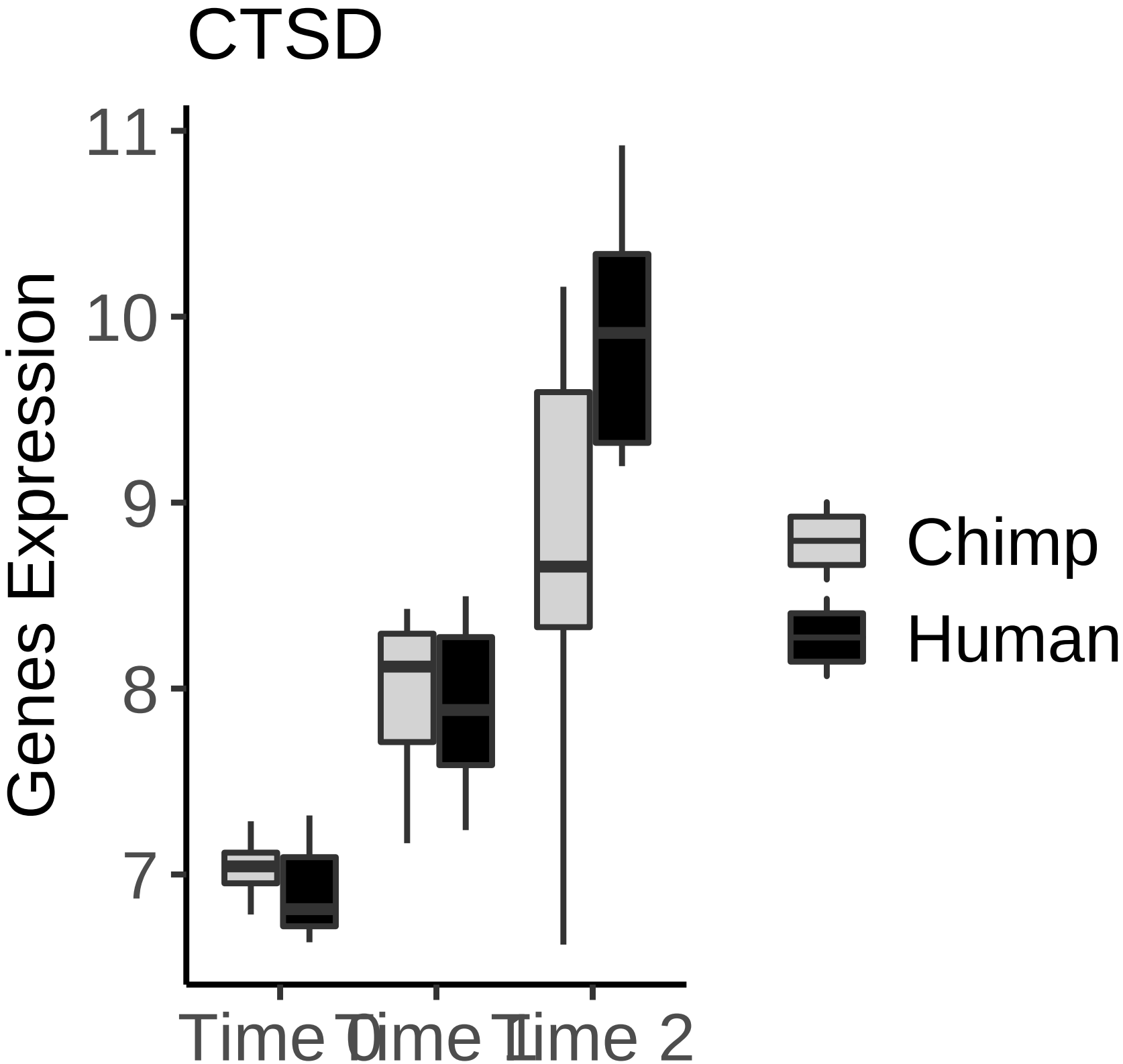
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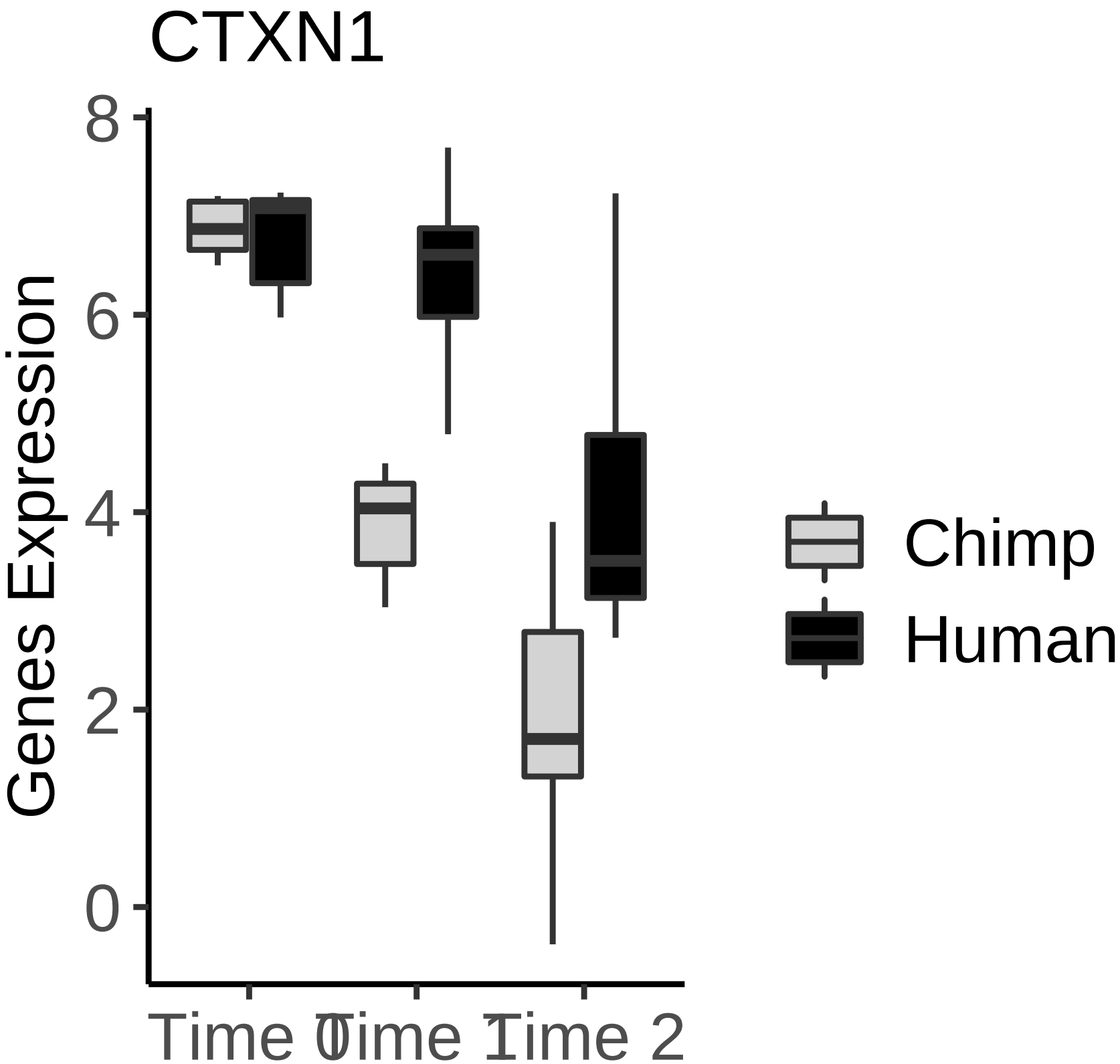
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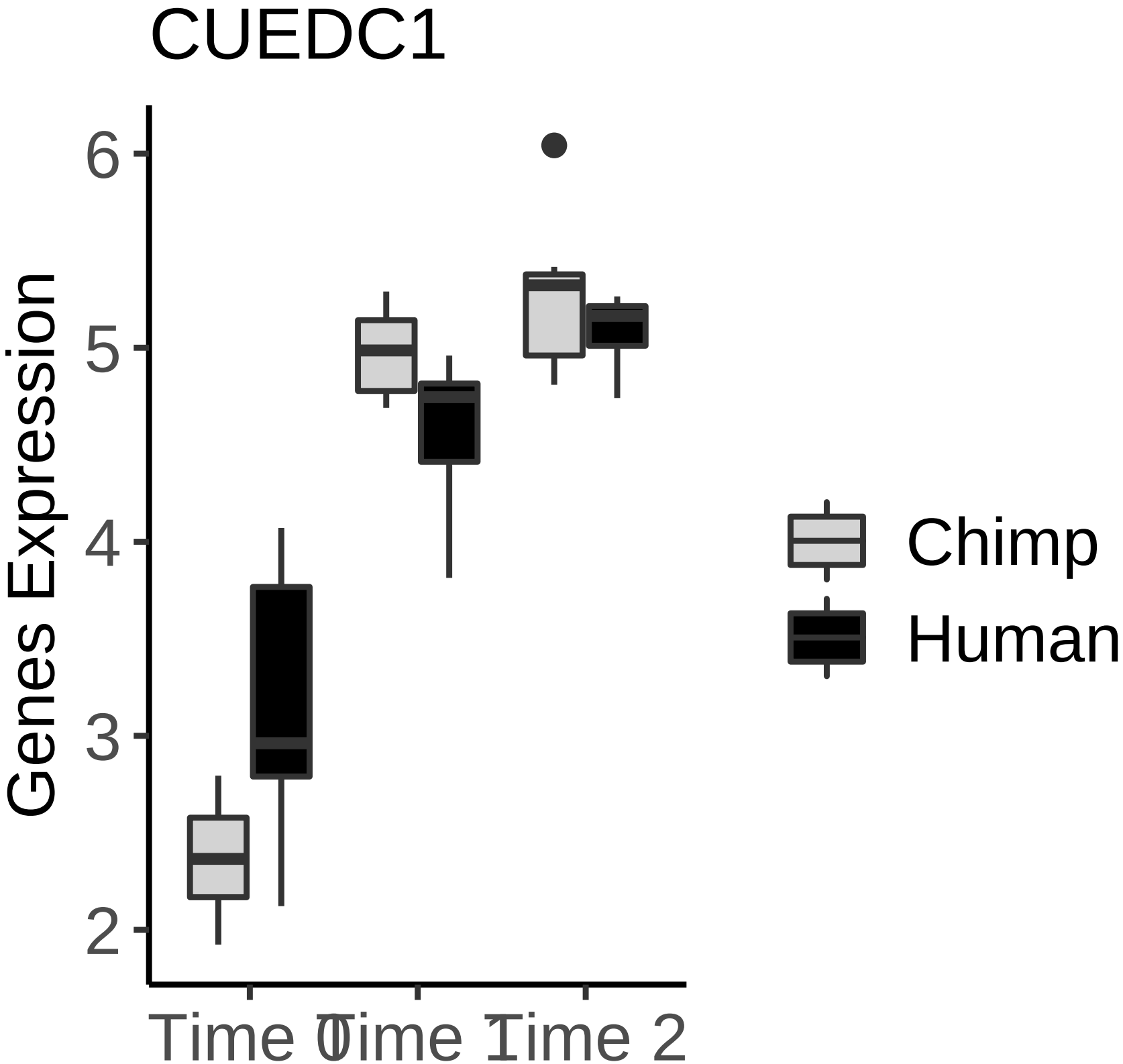
CUEDC1
Genes Expression
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2
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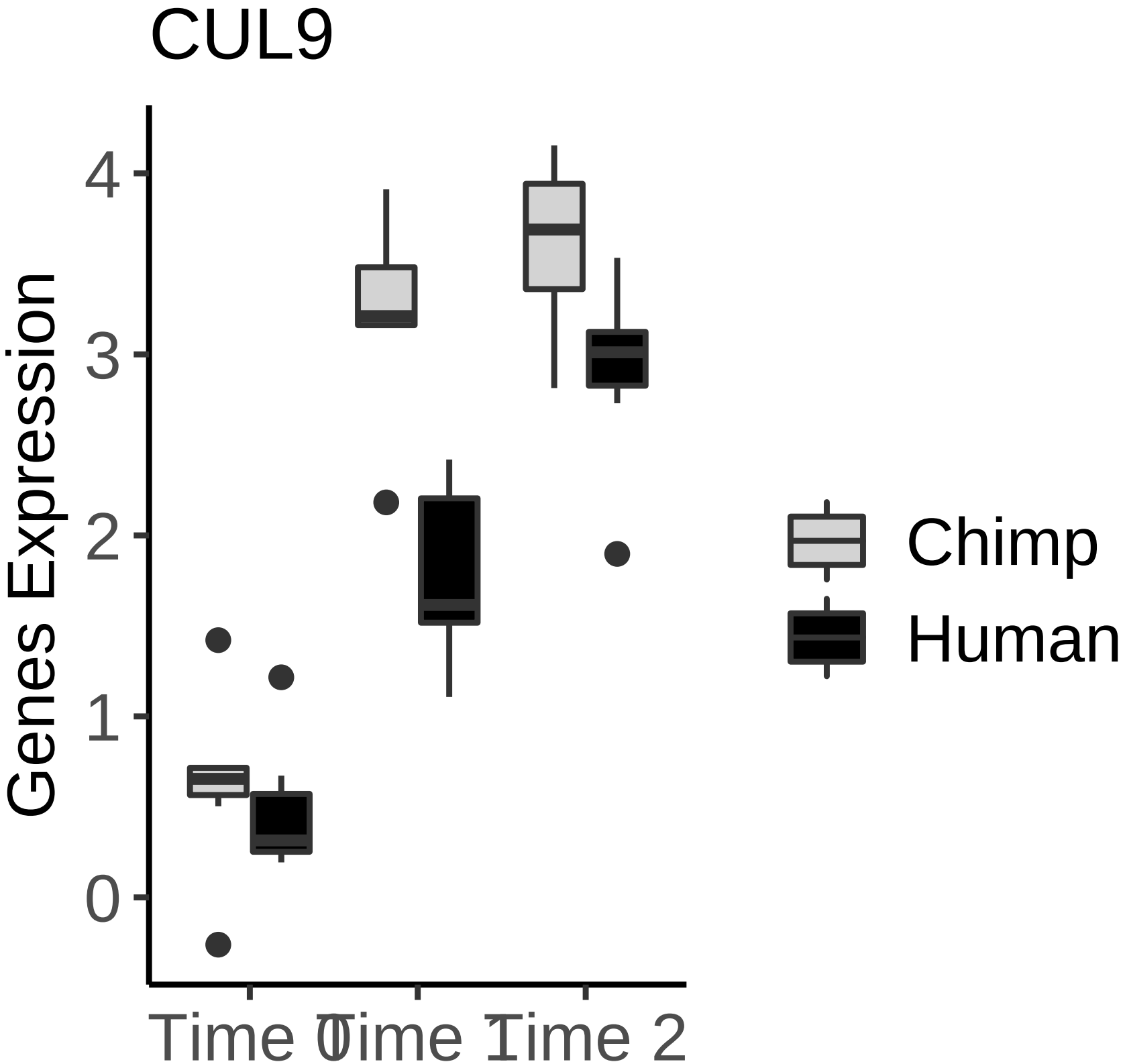
Time 1
Time 2
Chimp
Human


CUL9
Genes Expression
4
3
2
1
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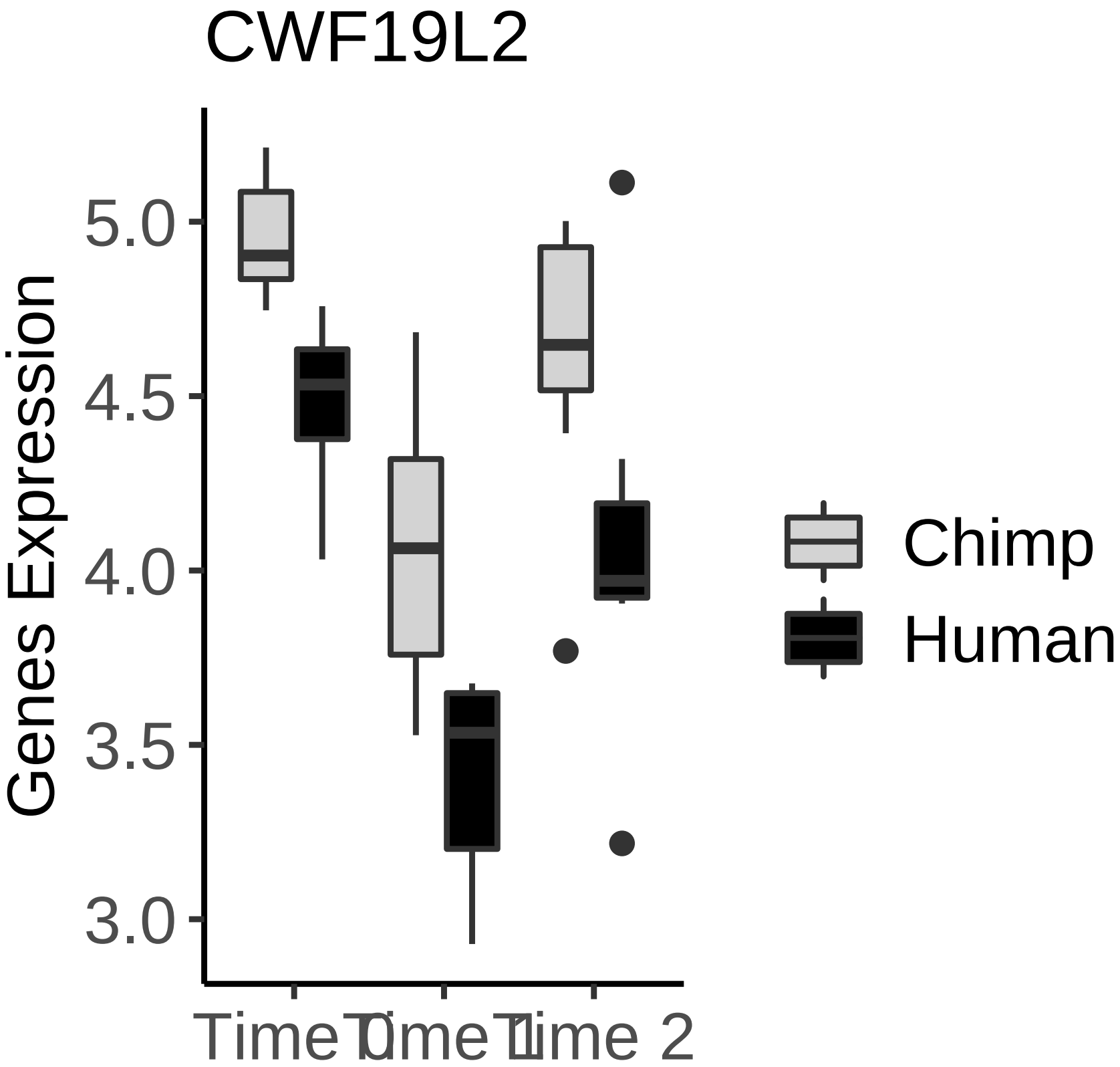
Time 0
Time 1
Time 2
Chimp
Human


CWF19L2
Genes Expression
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4.0
3.5
3.0
Time 0
Time 1
Time 2
Chimp
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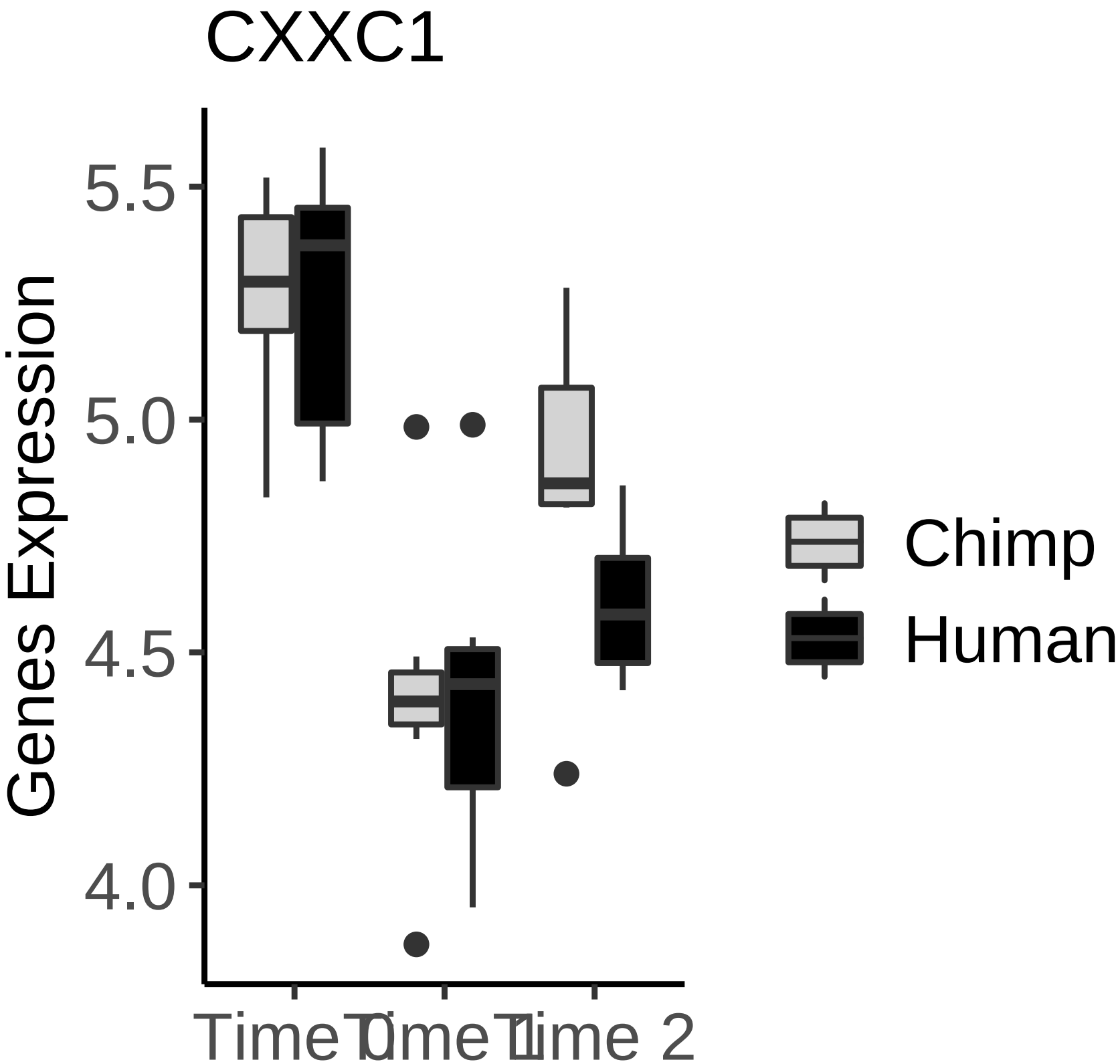
CXXC1
Genes Expression
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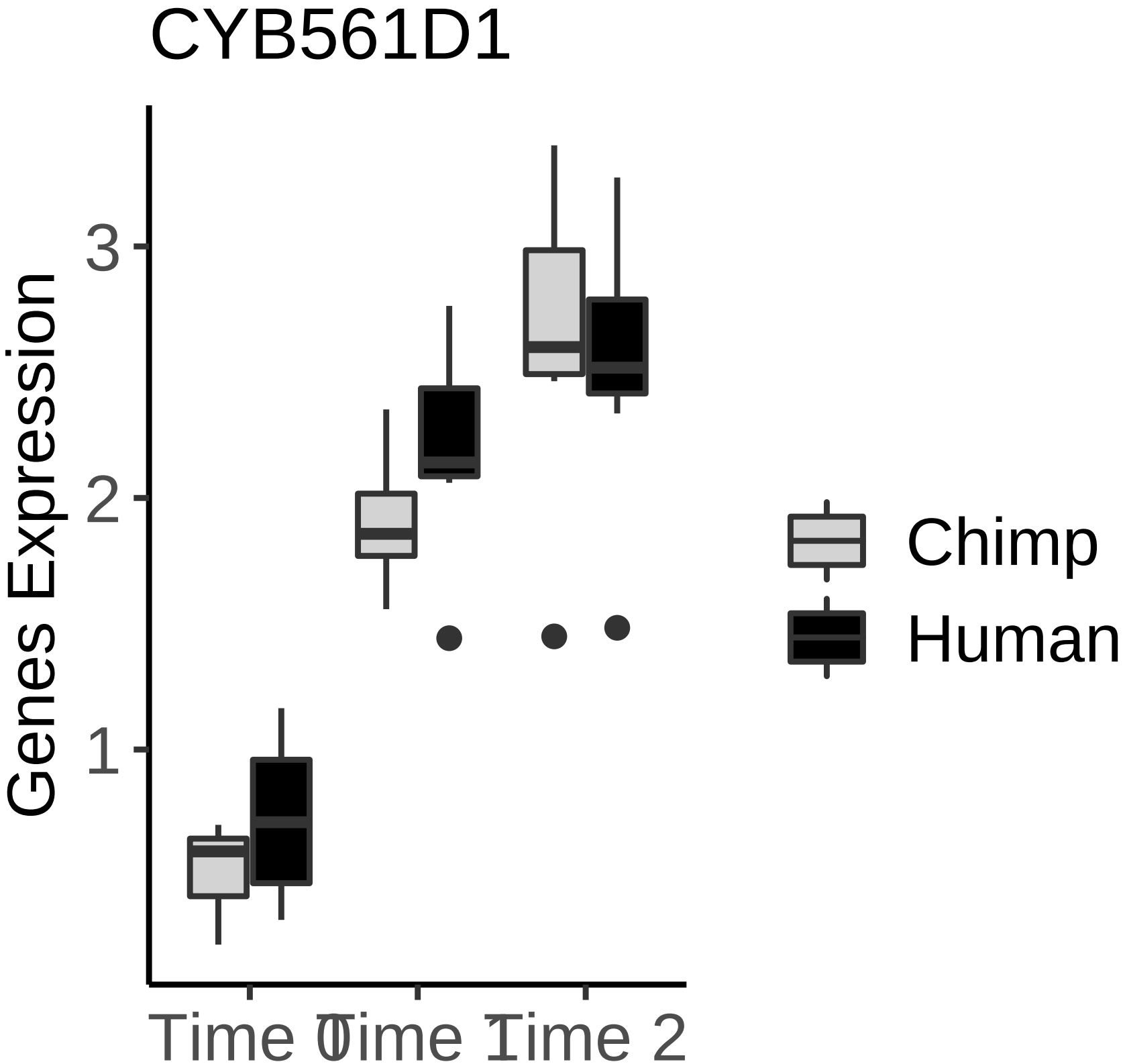
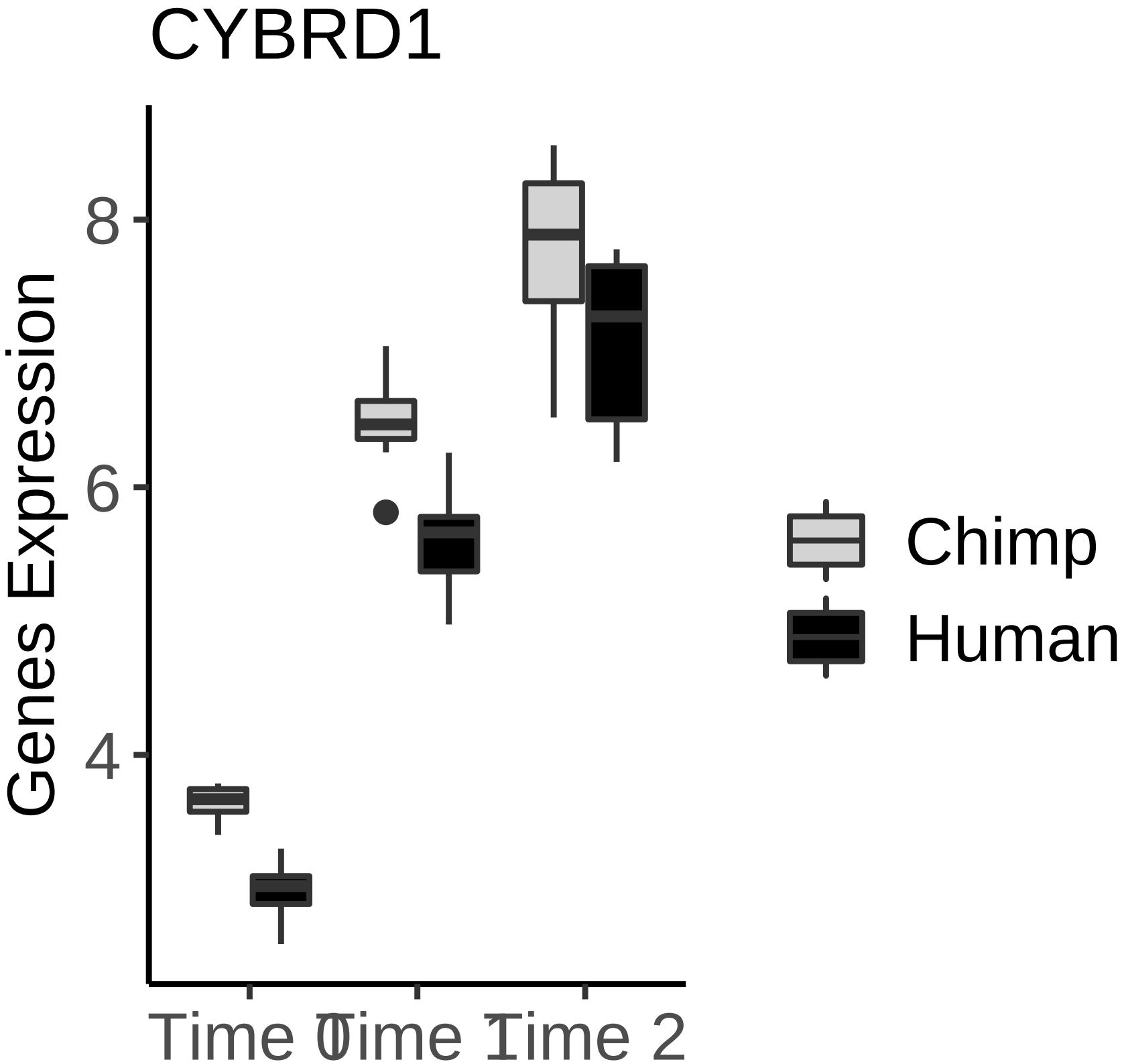
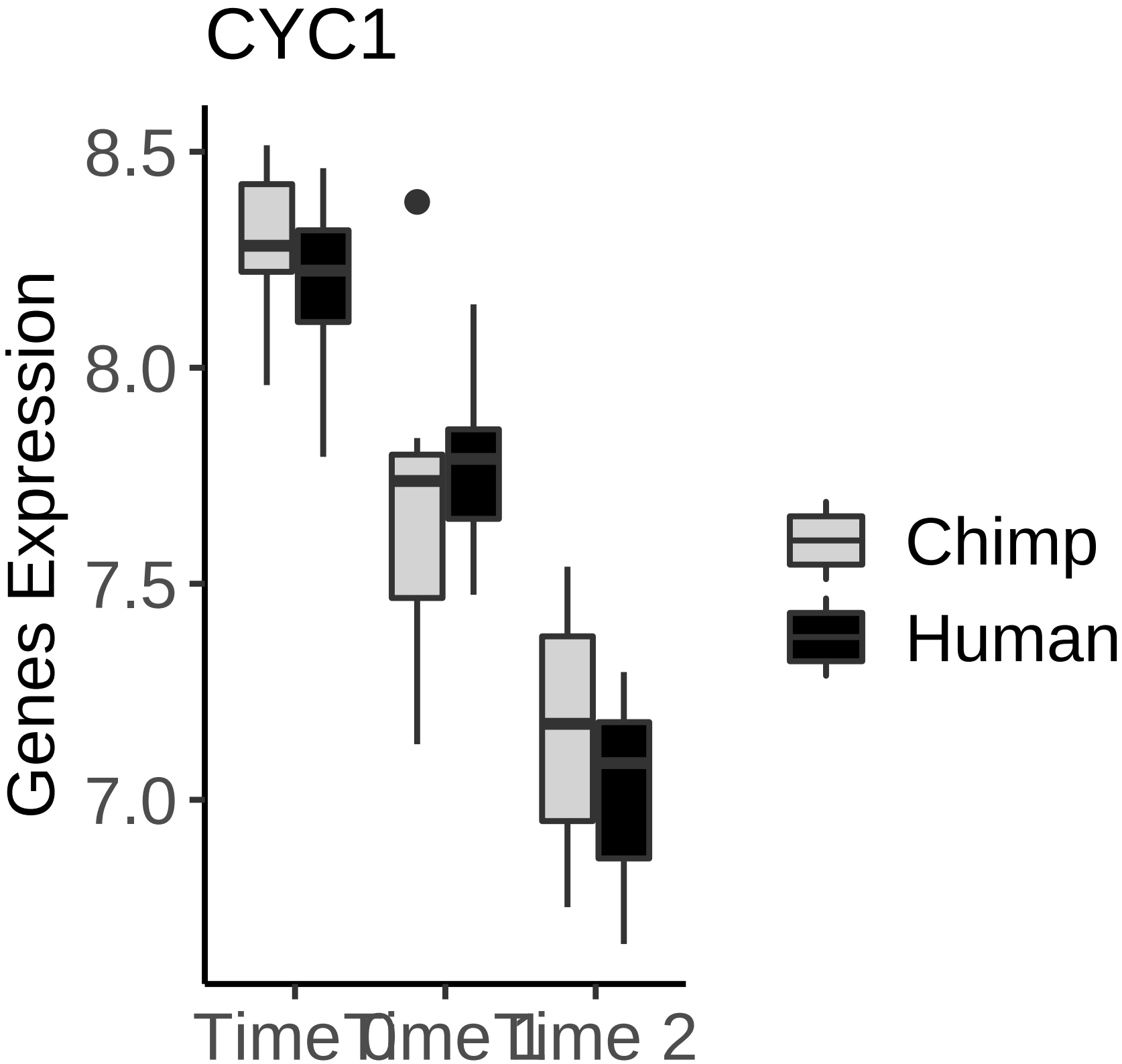
4.5
4.0
Time 0
Time 1
Time 2
Chimp
Human


CYB561D1
Genes Expression
3
2
1
Time 0
Time 1
Time 2
Chimp
Human


CYBRD1
Genes Expression
8
6
4
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
8.5
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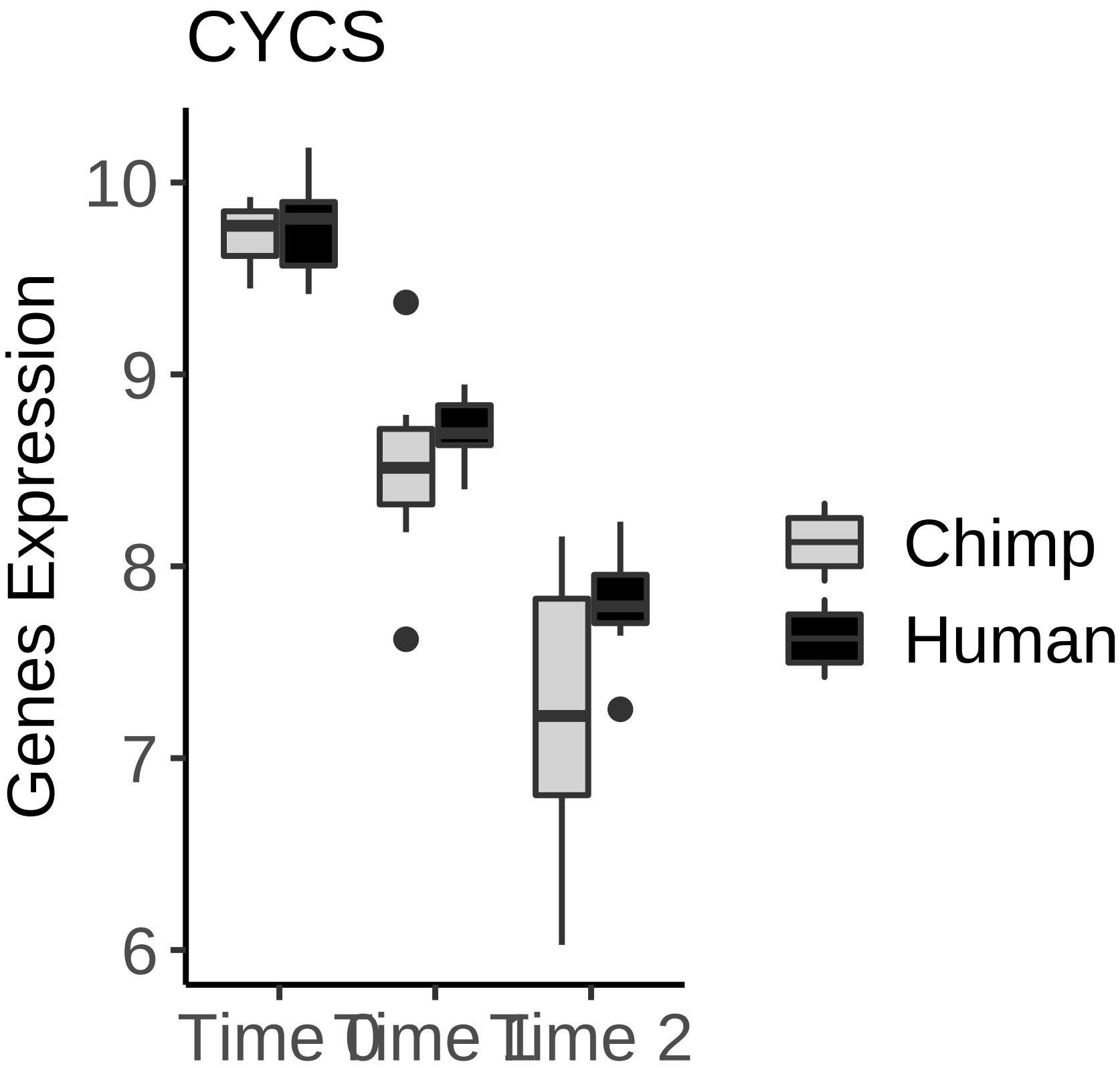
7.5
7.0
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
10
9
8
7
6
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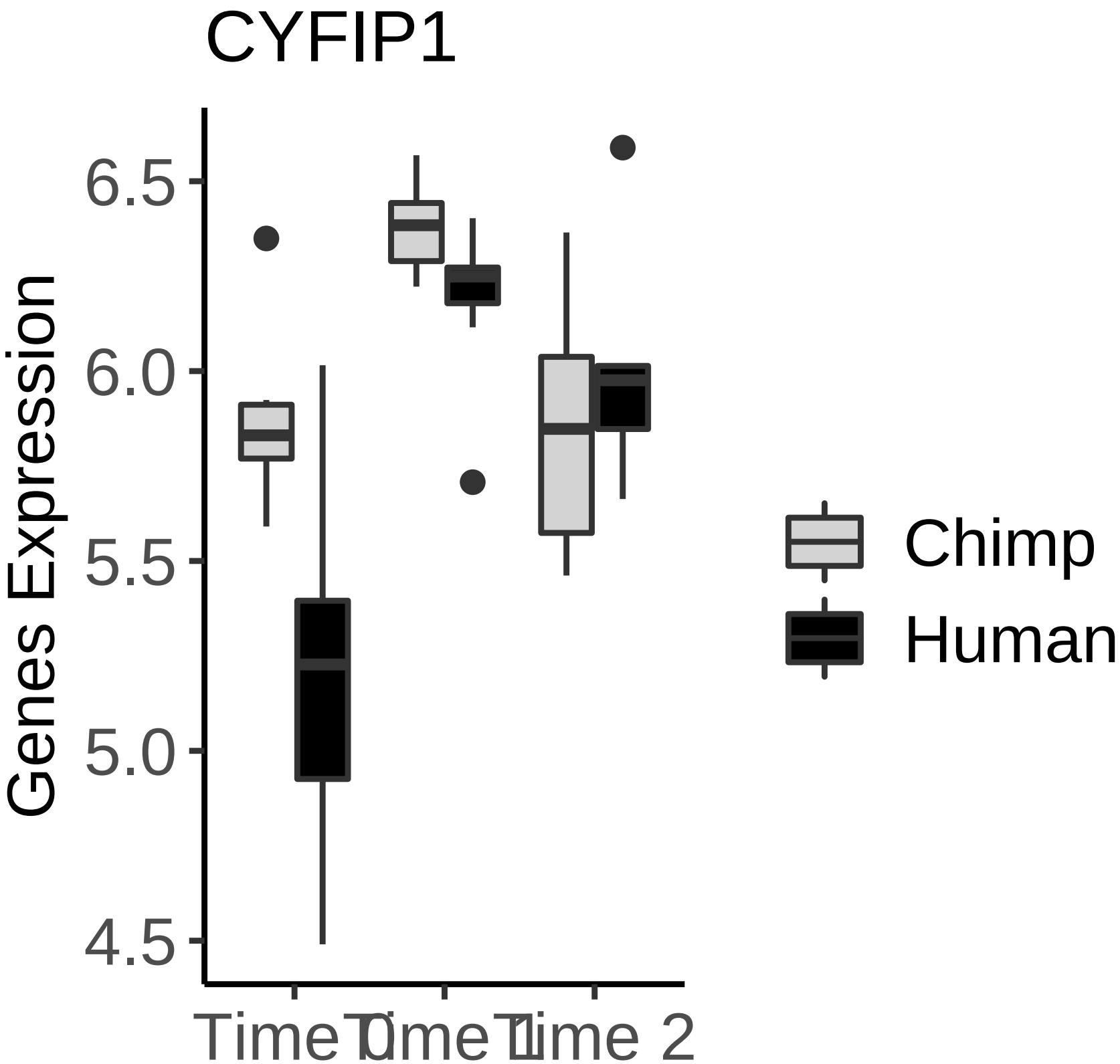
Time 2
Chimp
Human


CYFIP1
Genes Expression
6.5
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Time 0
Time 1
Time 2
Chimp
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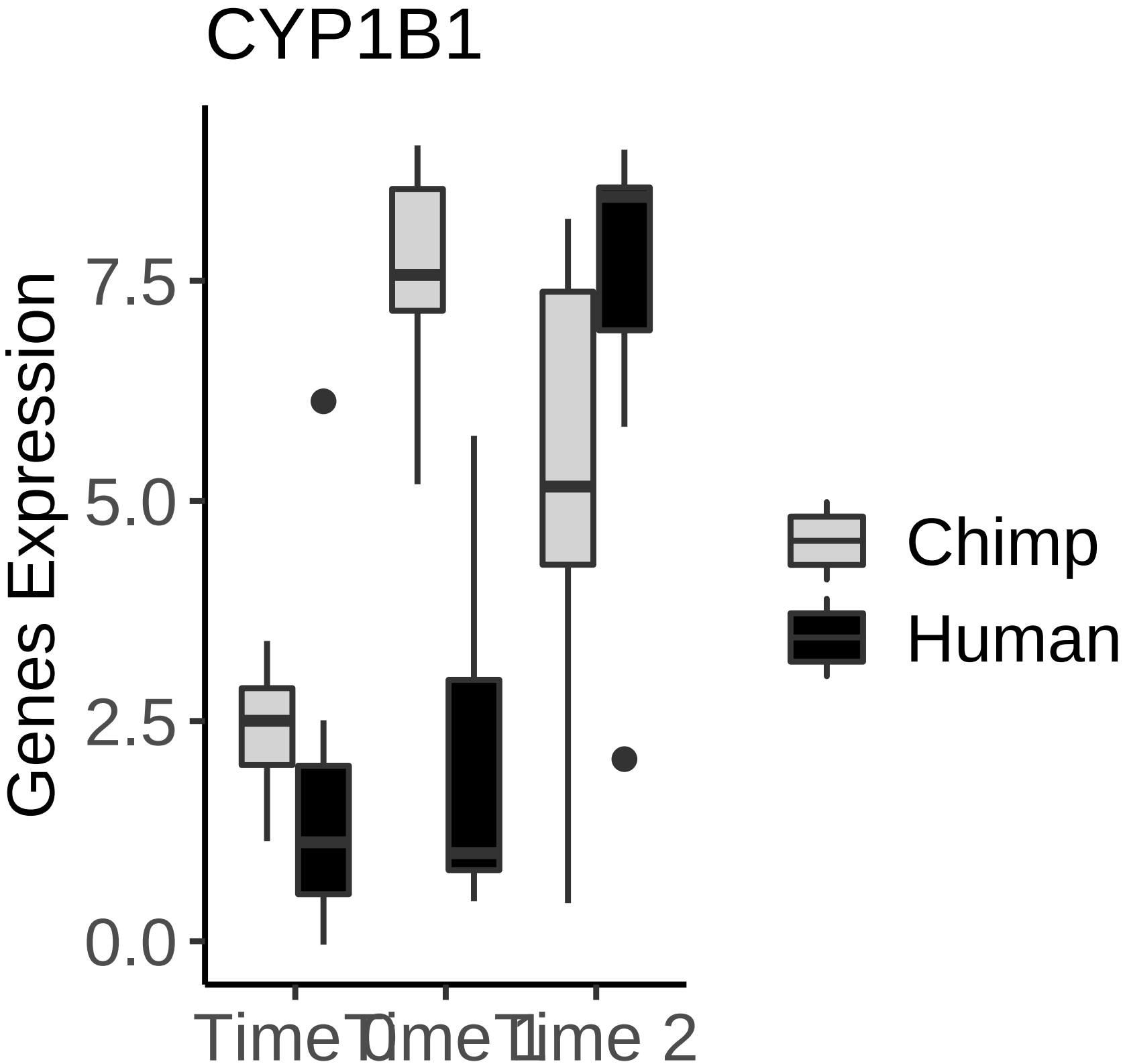
CYP1B1
Genes Expression
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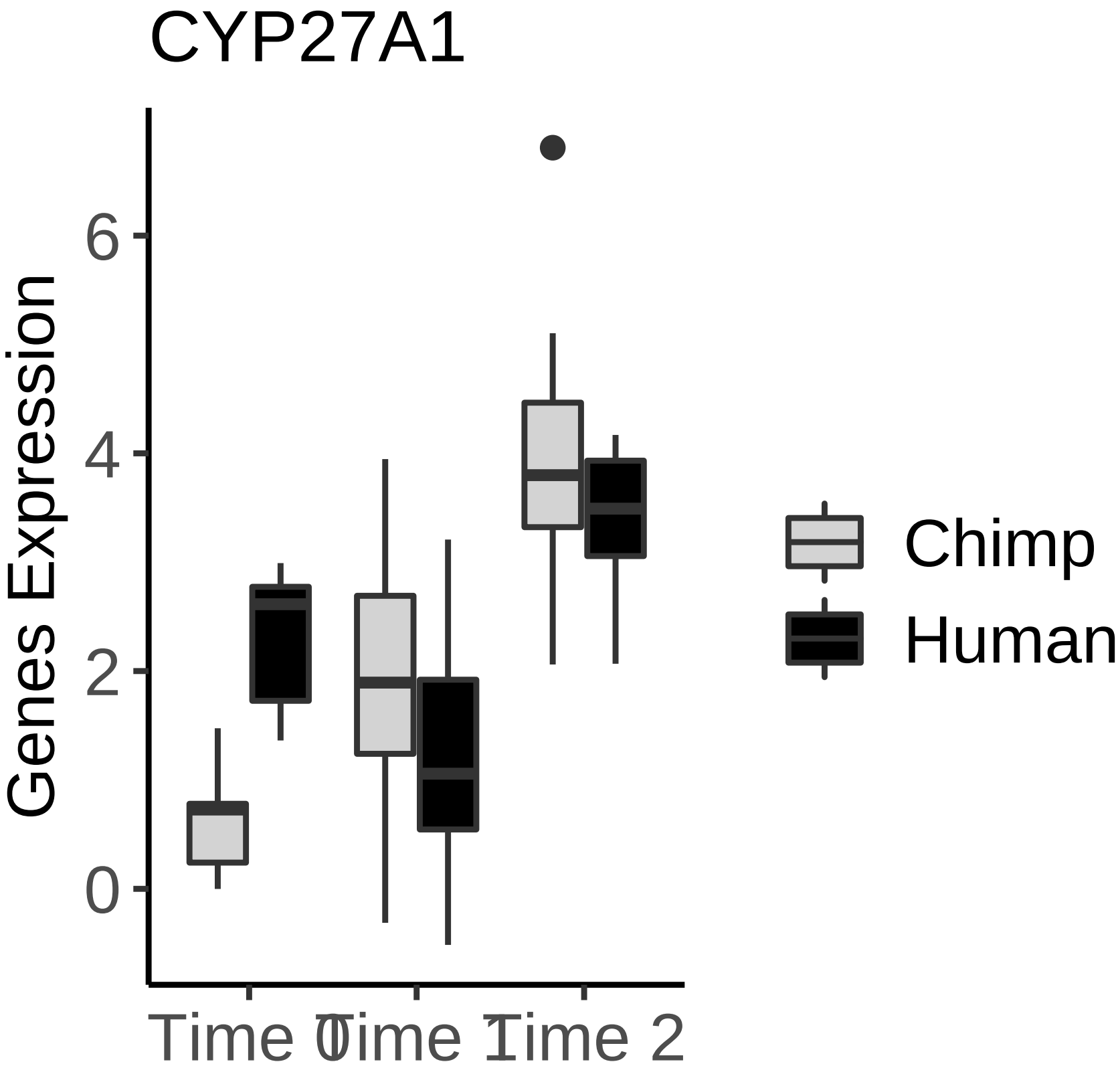
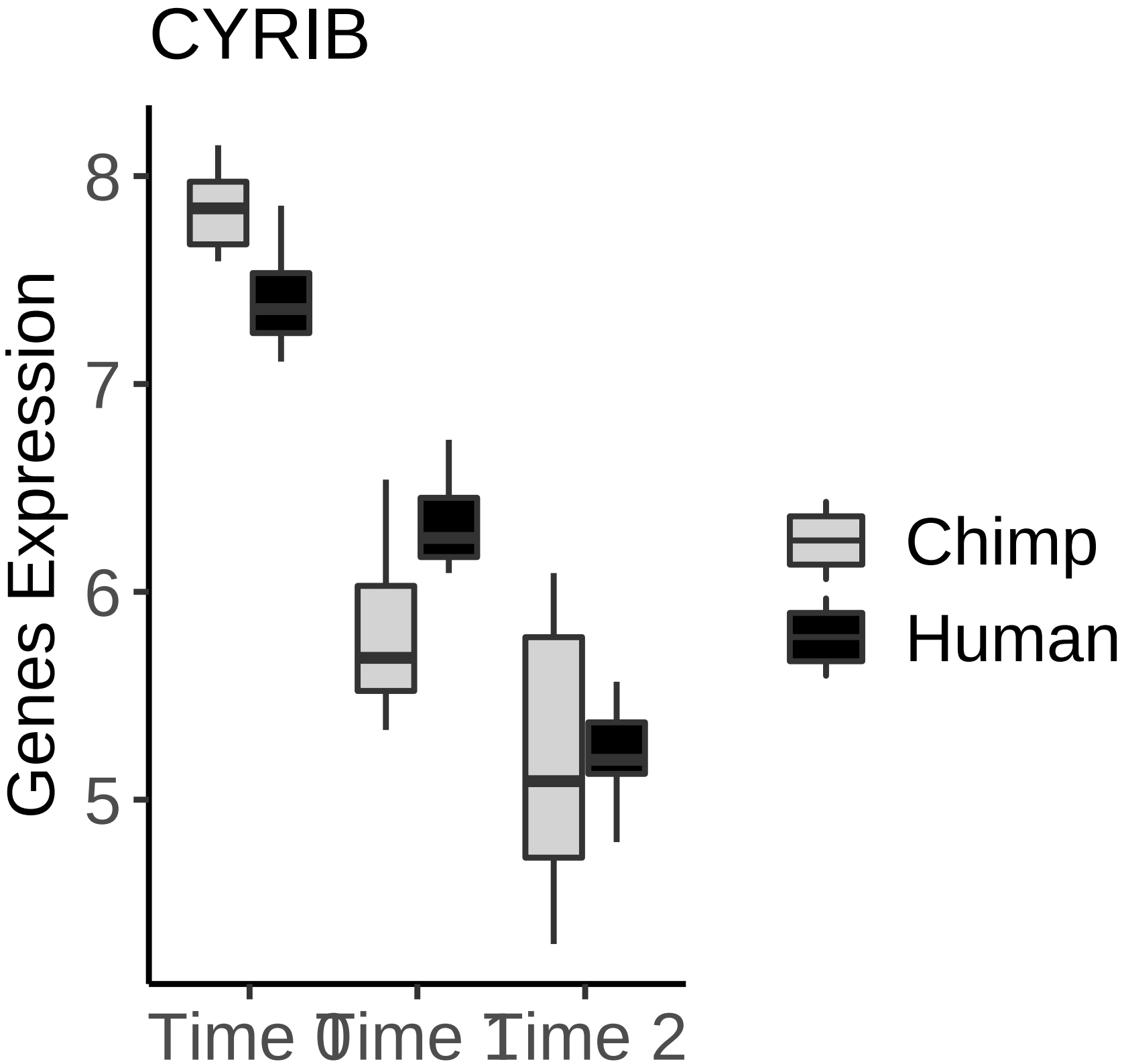
Time 0
Time 1
Time 2
Chimp
Human


CYP27A1
Genes Expression
6
4
2
0
Time 0
Time 1
Time 2
Chimp
Human


CYRIB
Genes Expression
8
7
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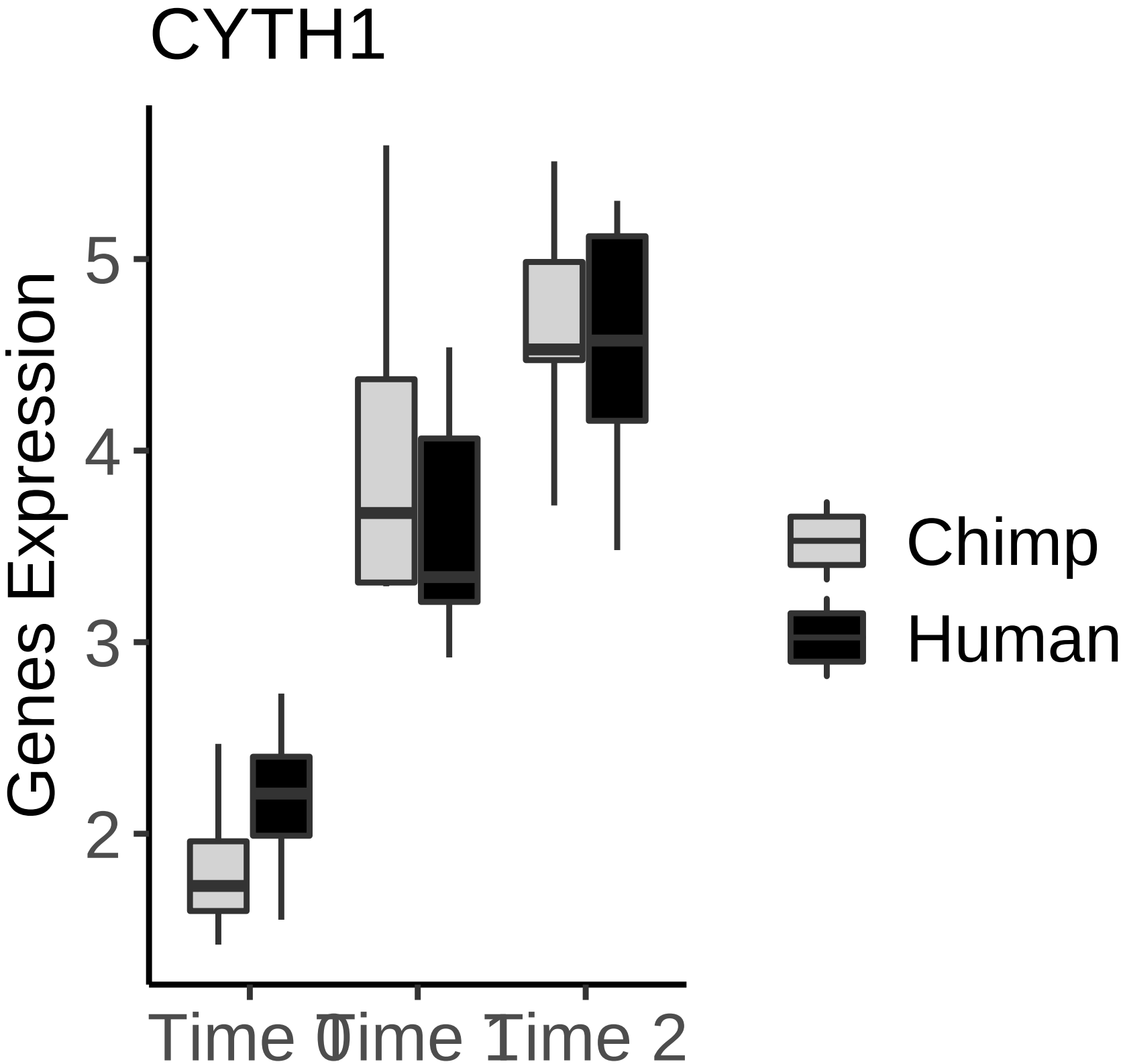
5
Time 0
Time 1
Time 2
Chimp
Human


CYTH1
Genes Expression
5
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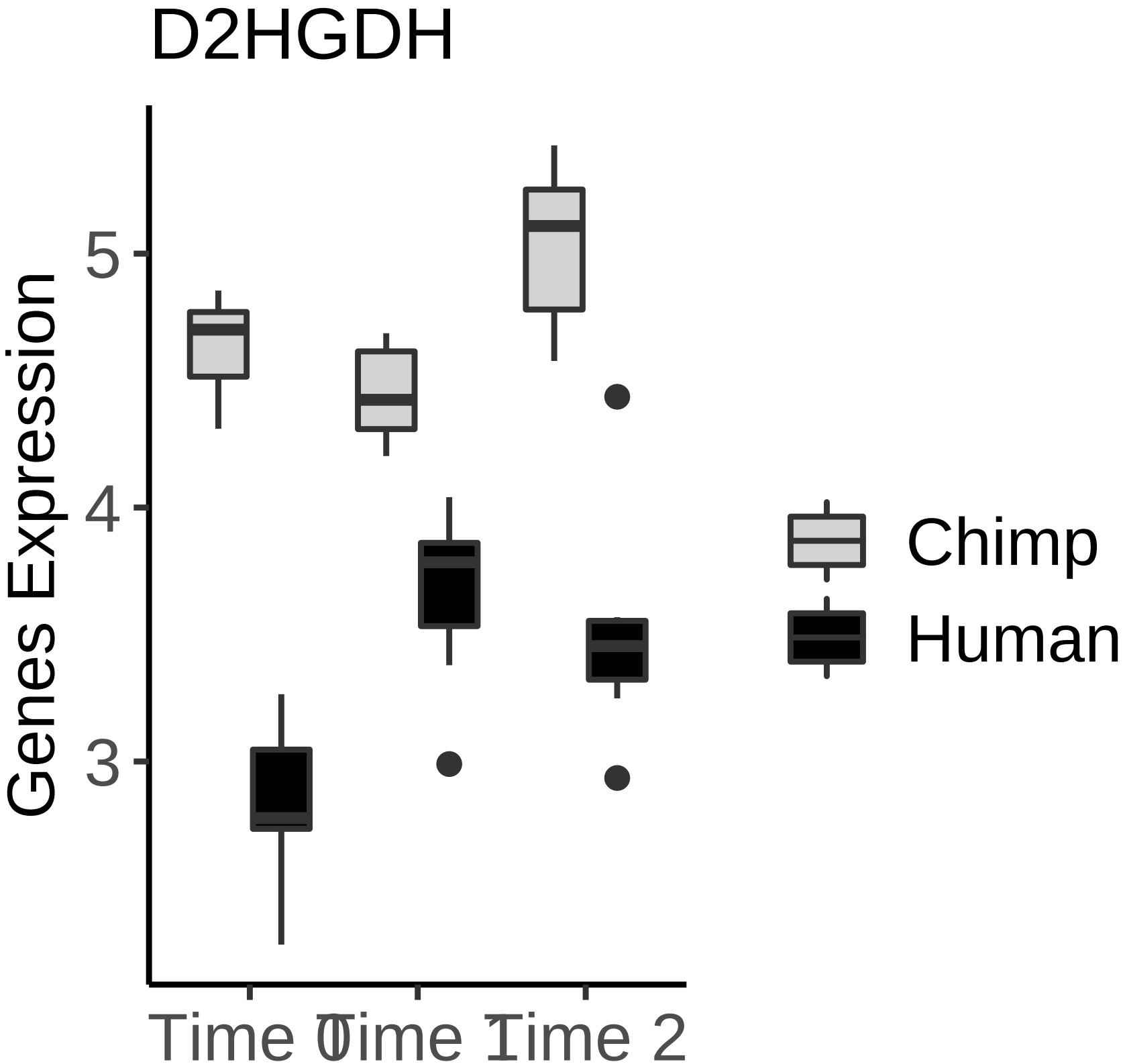
2
Time 0
Time 1
Time 2
Chimp
Human


D2HGDH
Genes Expression
5
4
3
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Time 1
Time 2
Chimp
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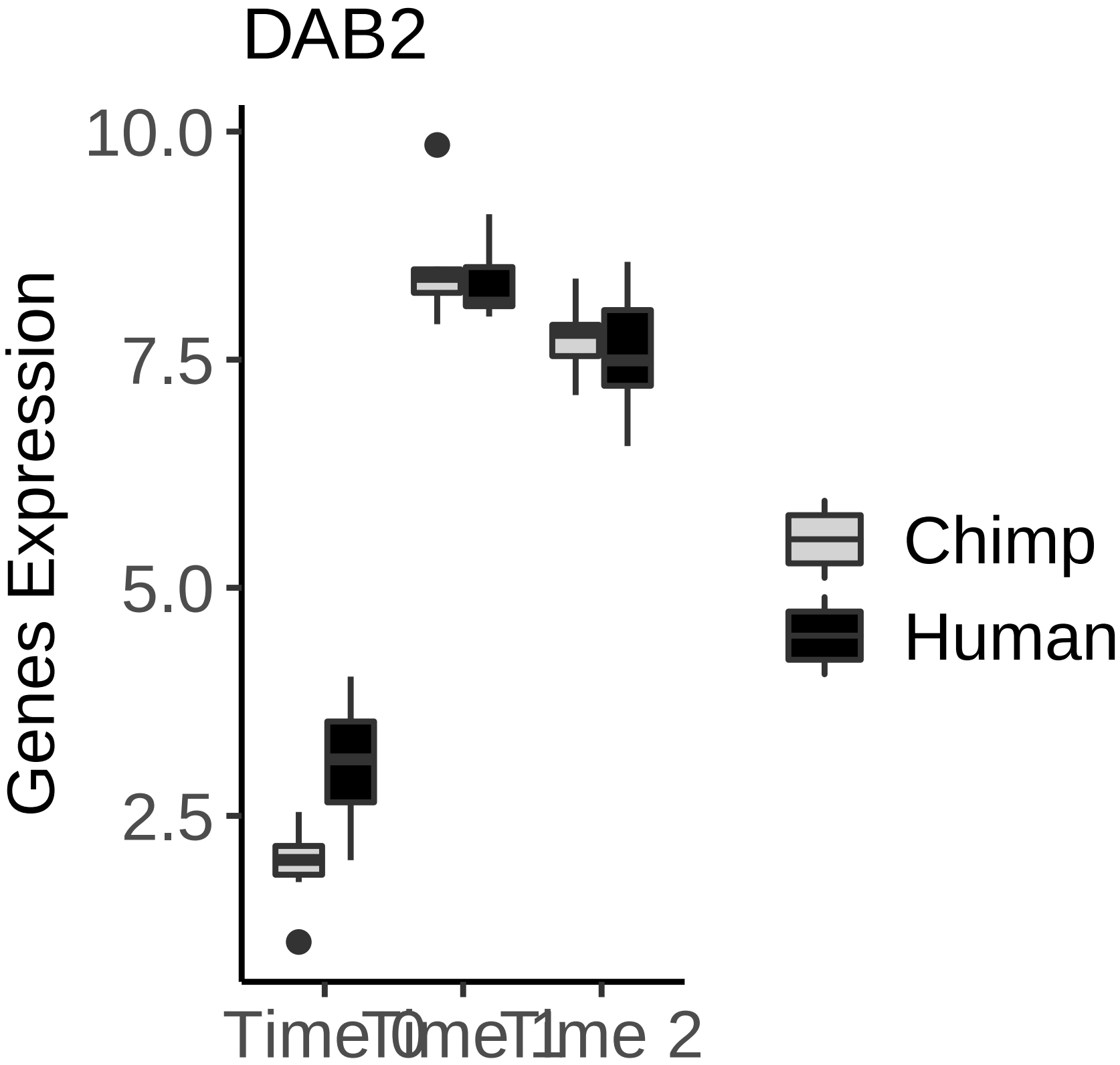
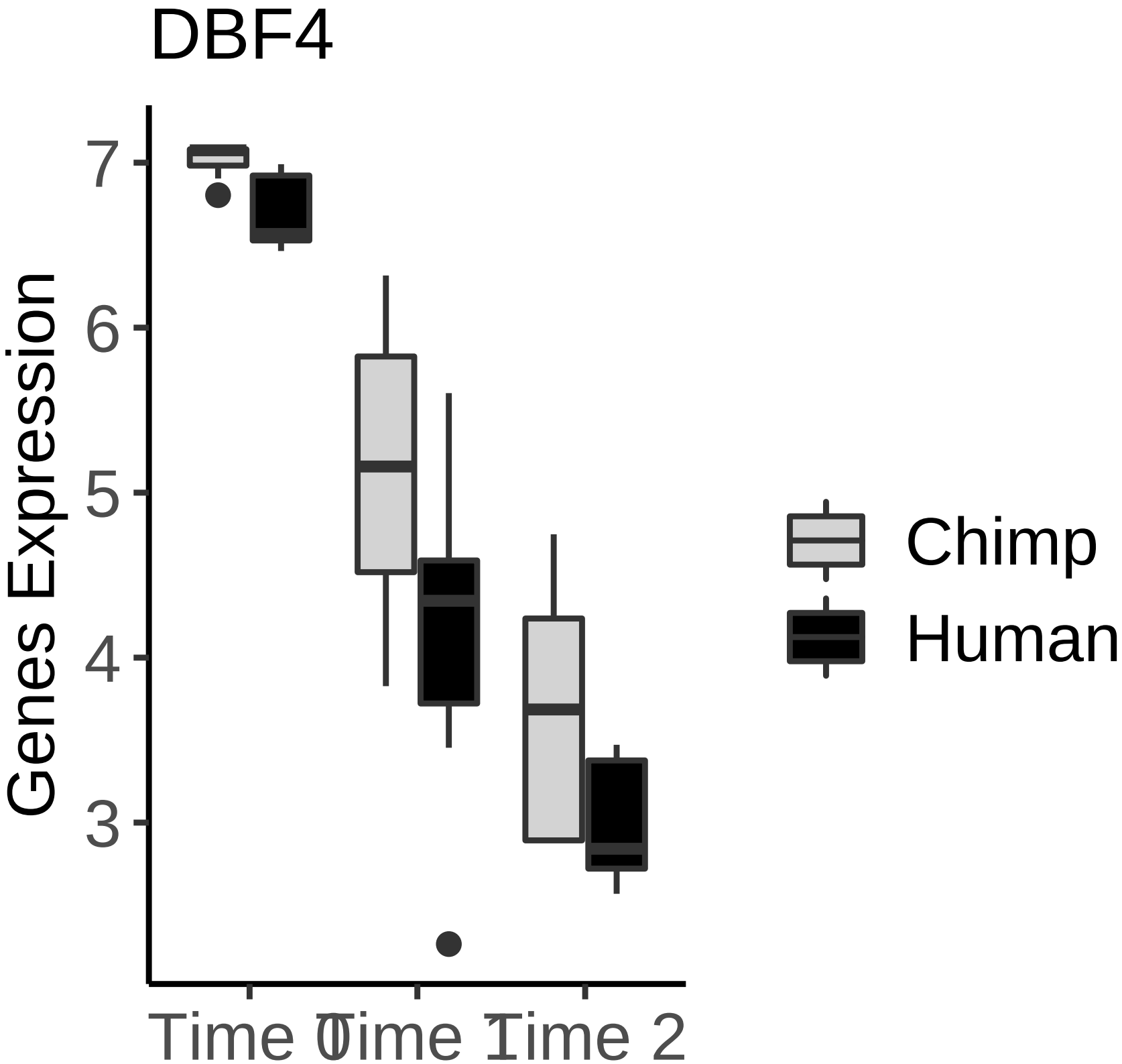
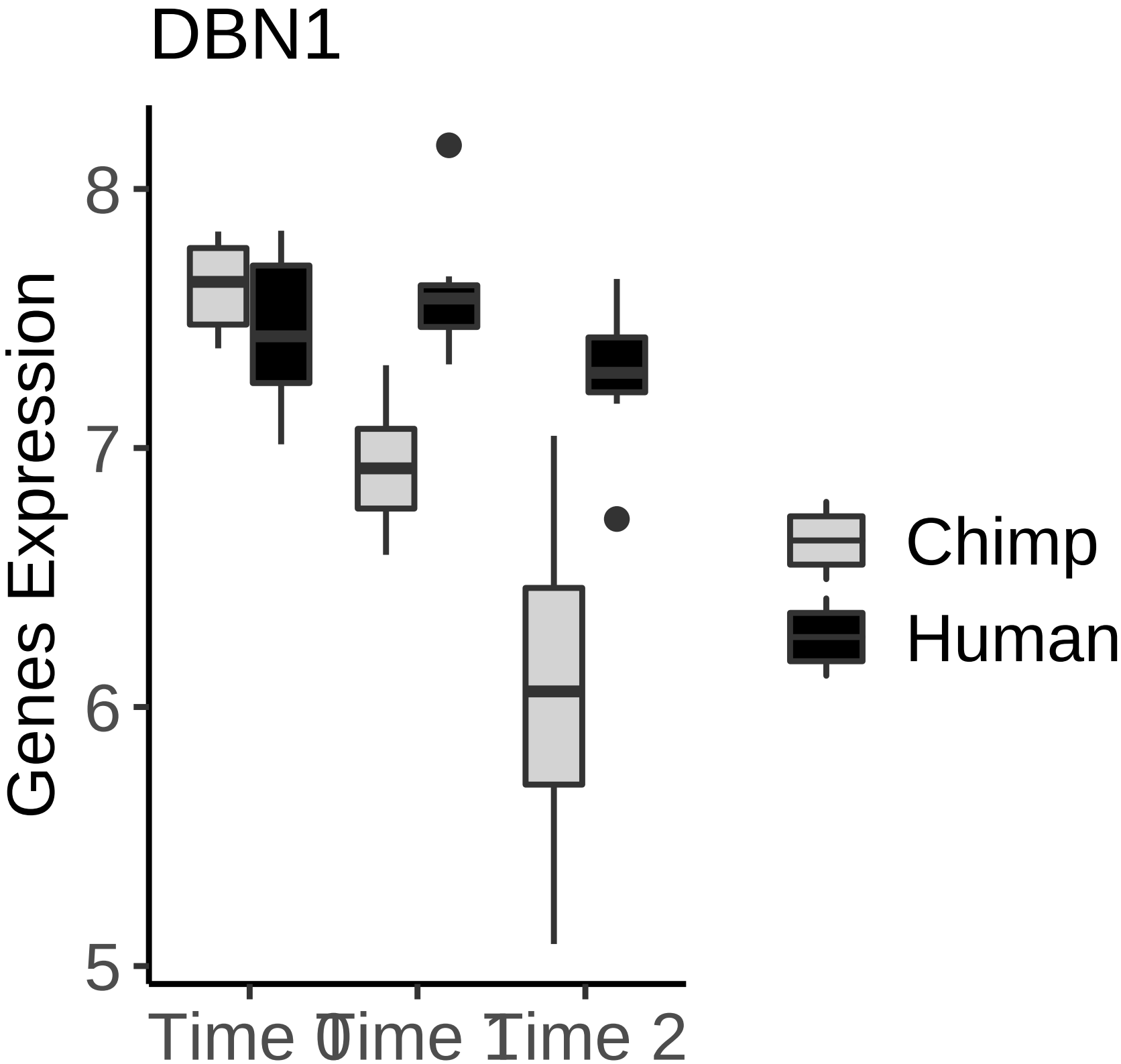
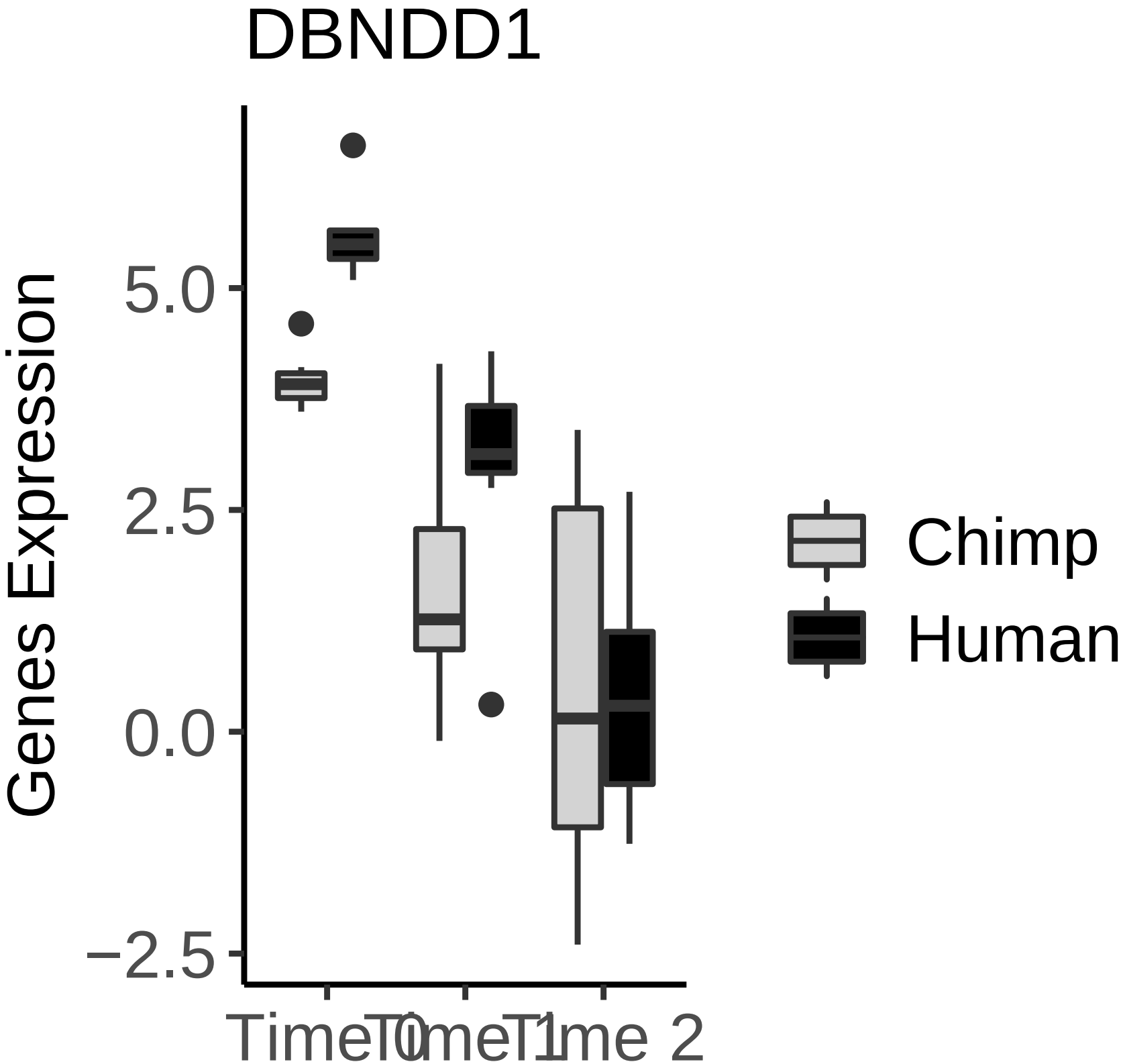

DAB2
Genes Expression
10.0
7.5
5.0
2.5
Time 0
Time 1
Time 2
Chimp
Human


DBF4
Genes Expression
7
6
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


DBN1
Genes Expression
8
7
6
5
Time 0
Time 1
Time 2
Chimp
Human


DBNDD1
Genes Expression
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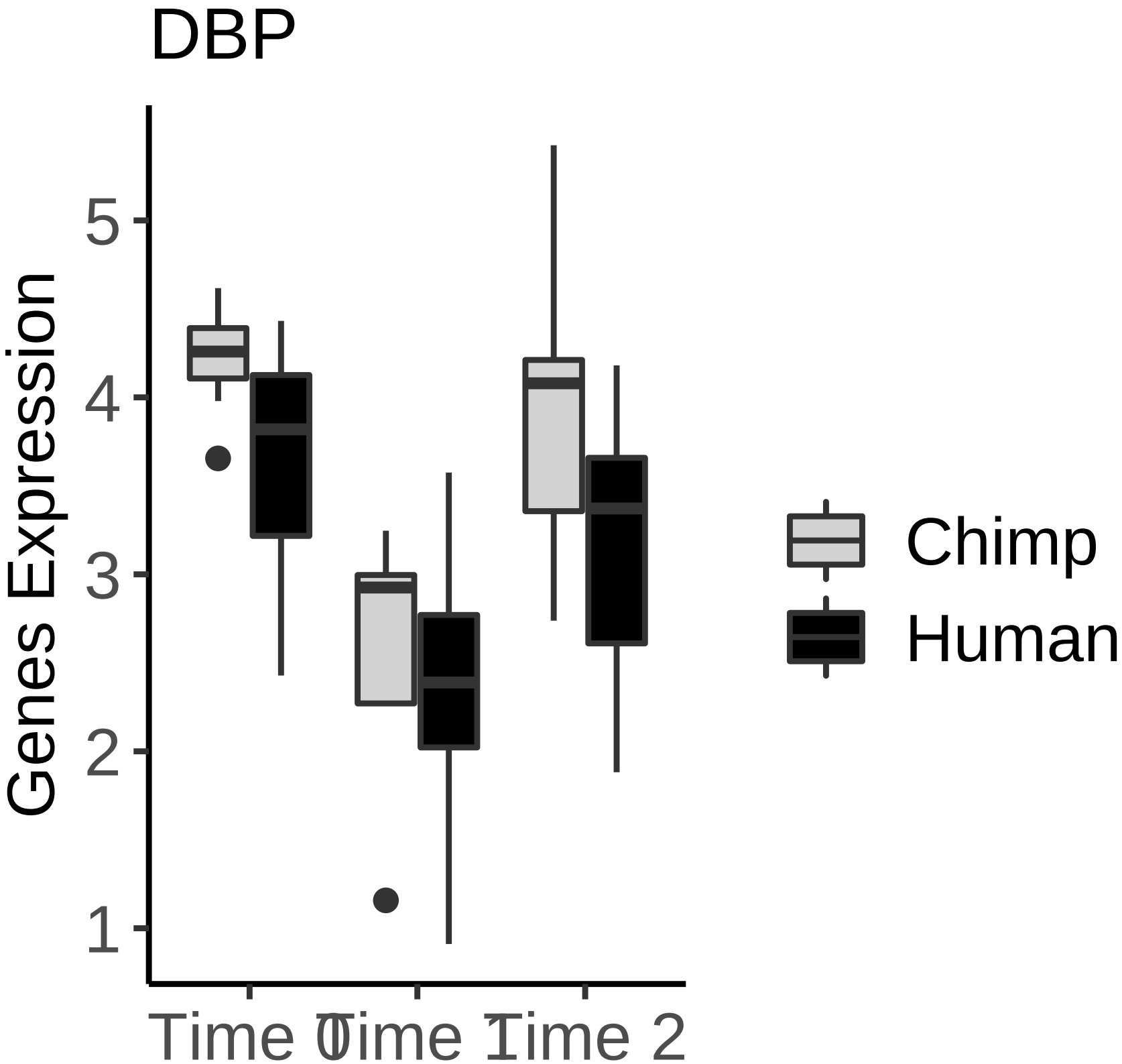
Time 0
Time 1
Time 2
Chimp
Human


DBP
Genes Expression
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2
1
Time 0
Time 1
Time 2
Chimp
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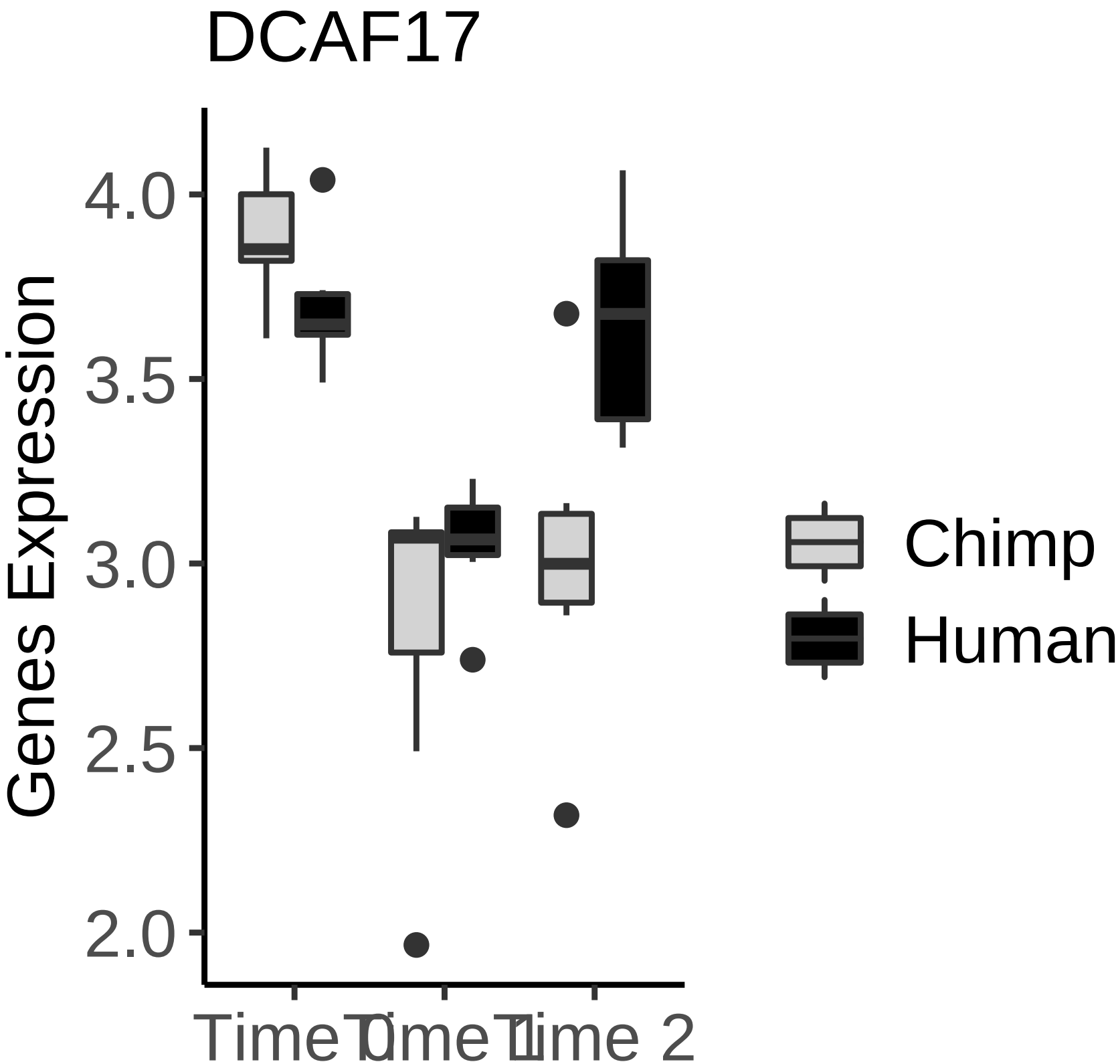
DCAF17
Genes Expression
4.0
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3.0
2.5
2.0
Time 0
Time 1
Time 2
Chimp
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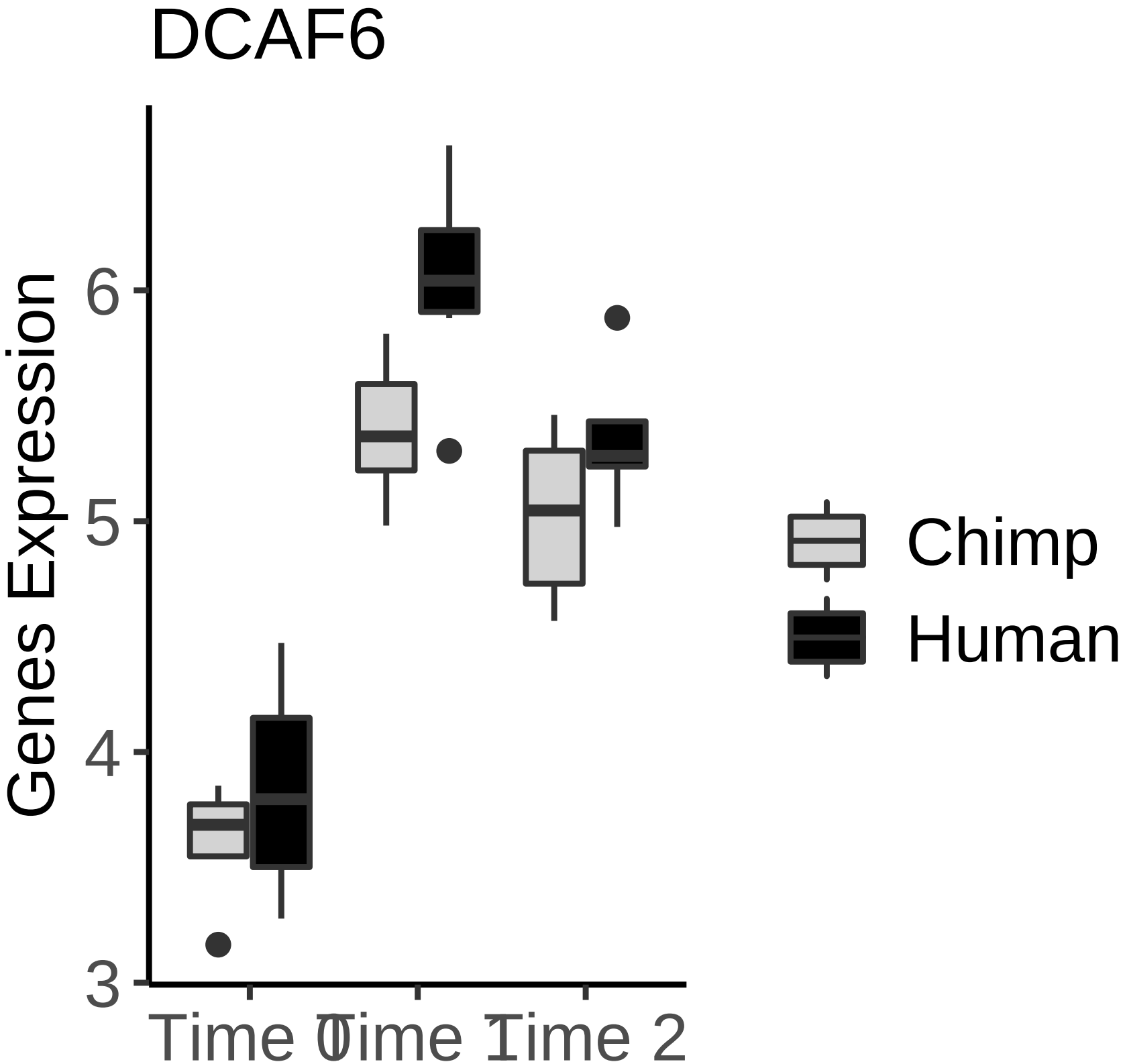
DCAF6
Genes Expression
6
5
4
3
Time 0
Time 1
Time 2
Chimp
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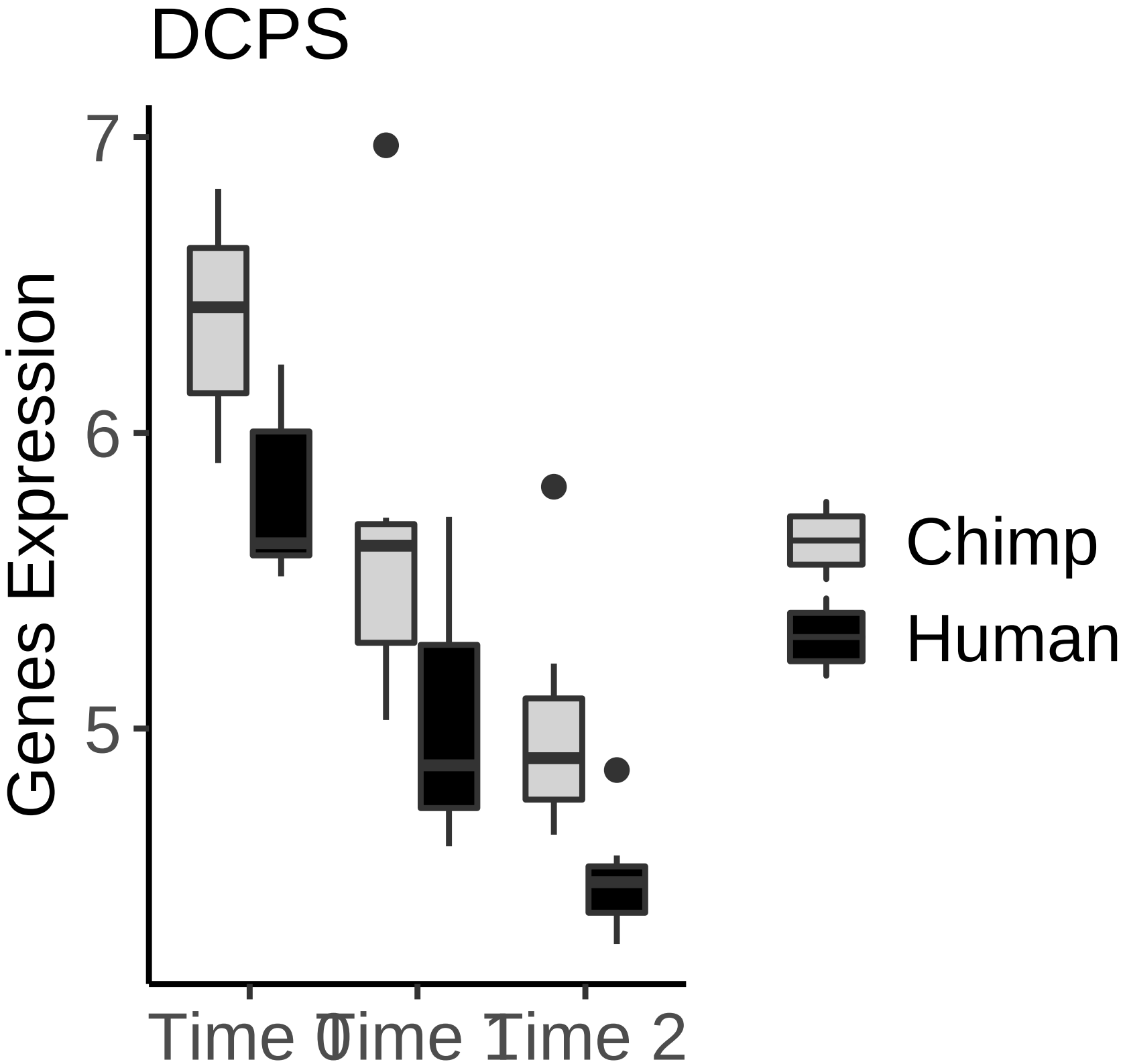
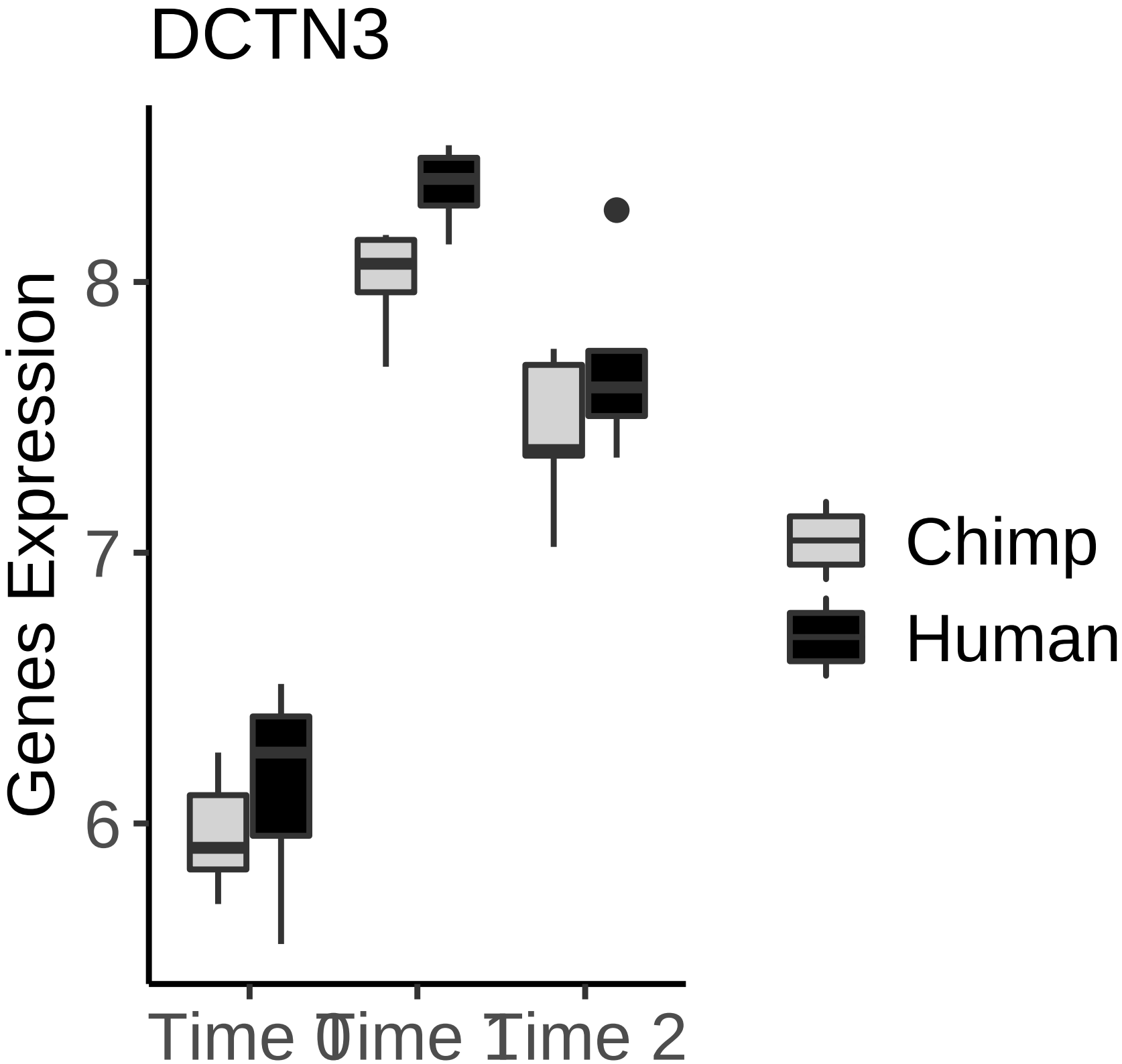

DCPS
Genes Expression
7
6
5
Time 0
Time 1
Time 2
Chimp
Human


DCTN3
Genes Expression
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7
6
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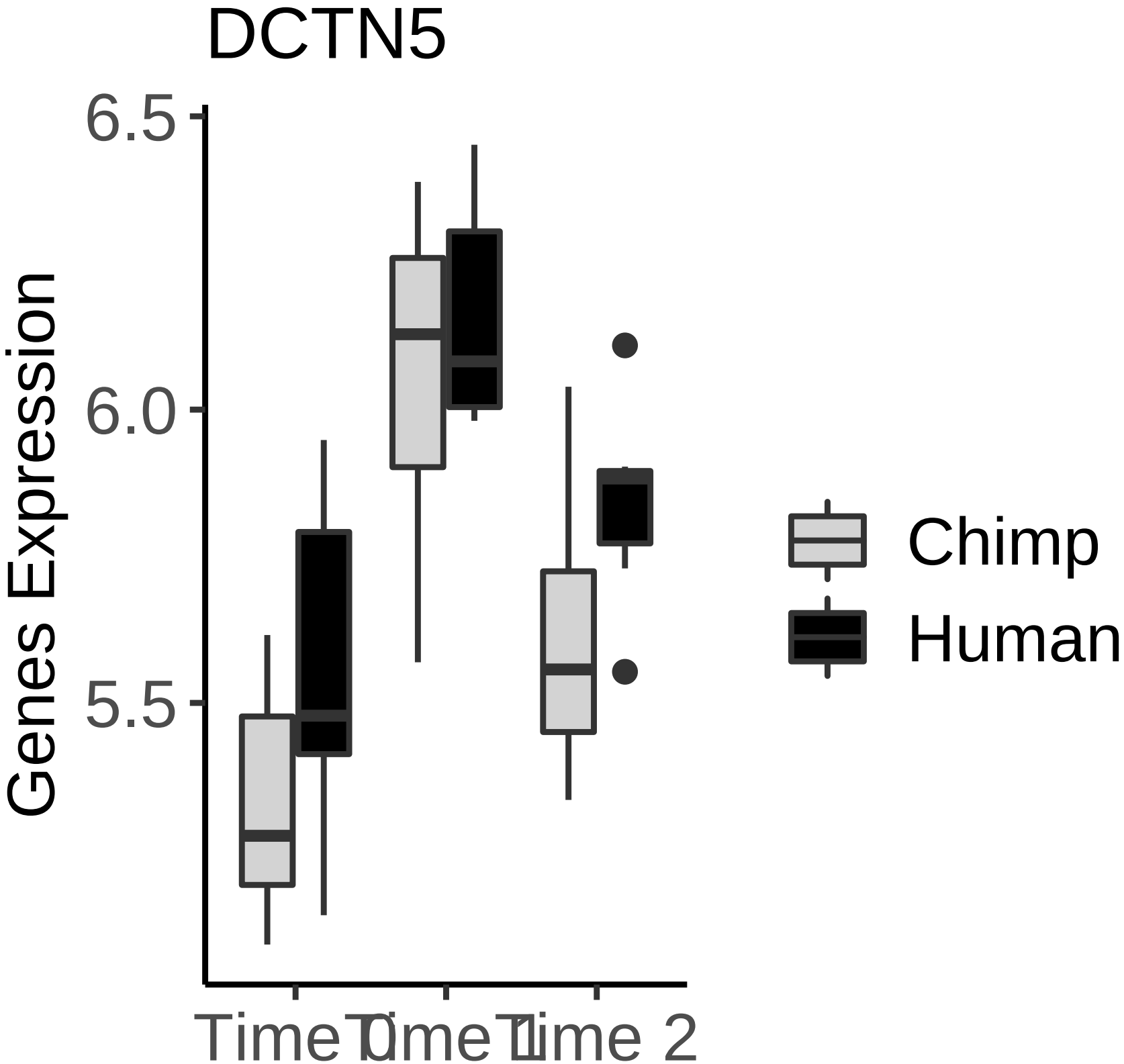
Time 1
Time 2
Chimp
Human


DCTN5
Genes Expression
6.5
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5.5
Time 0
Time 1
Time 2
Chimp
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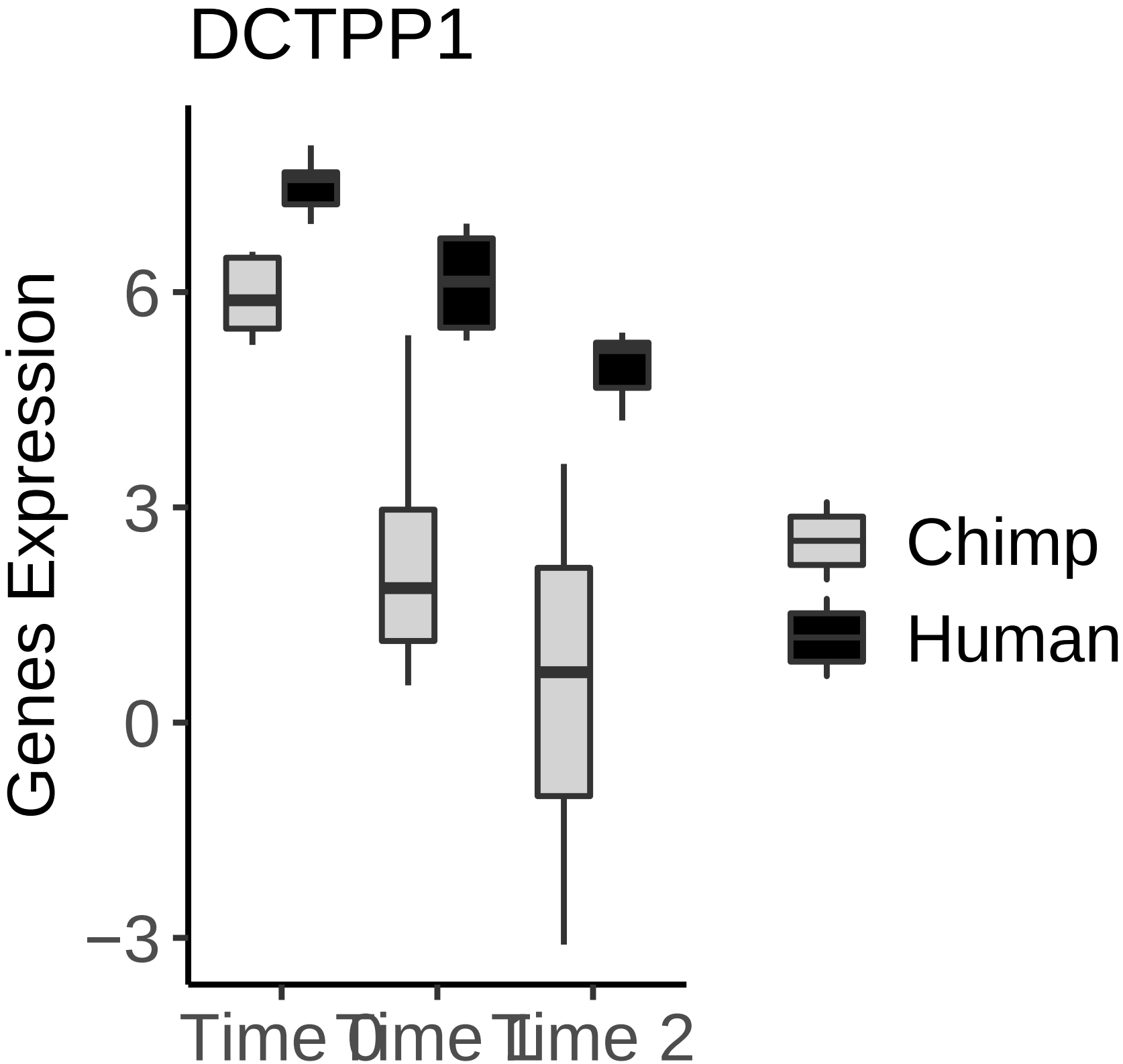
DCTPP1
Genes Expression
6
3
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−3
Time 0
Time 1
Time 2
Chimp
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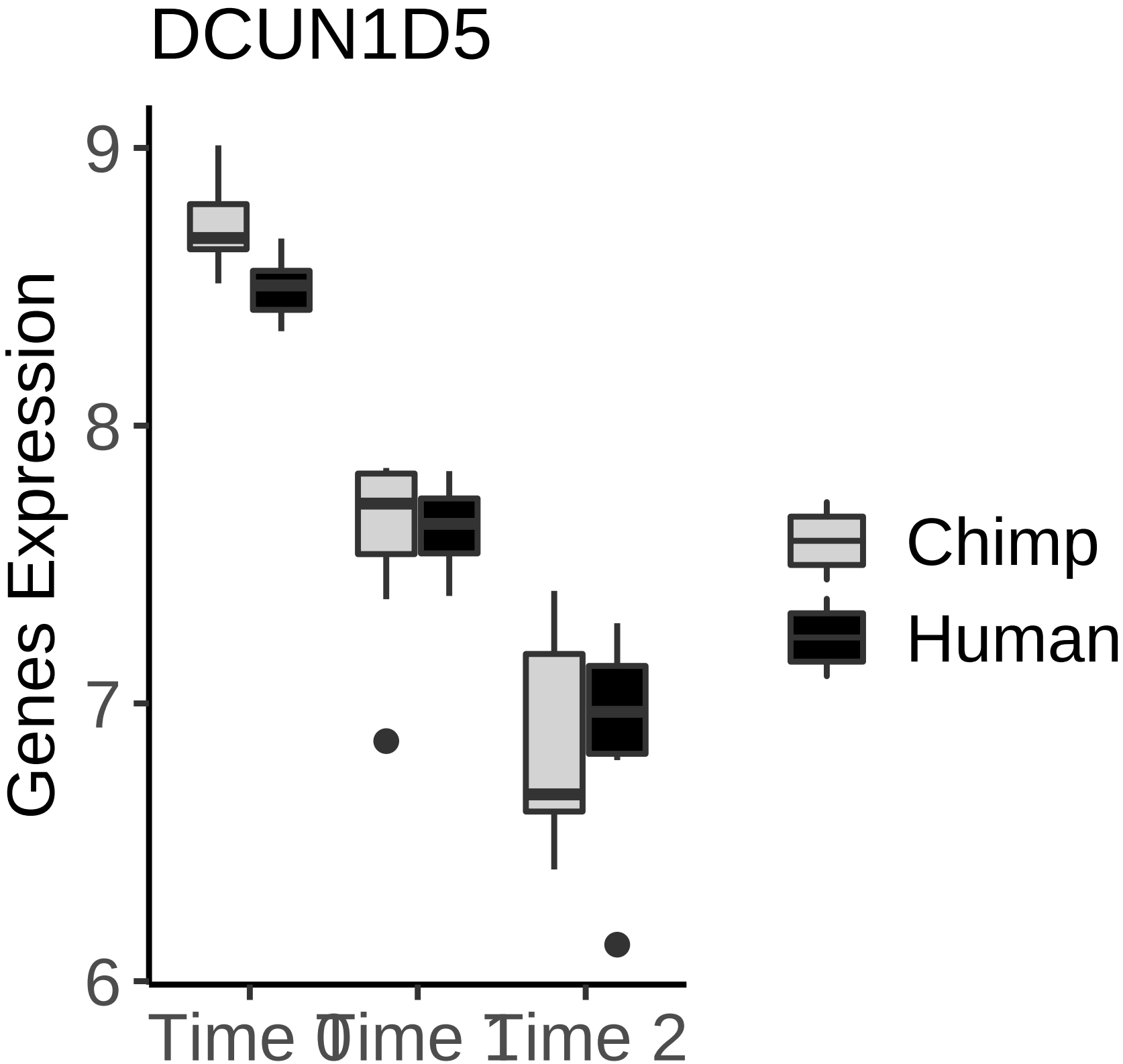
DCUN1D5
Genes Expression
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8
7
6
Time 0
Time 1
Time 2
Chimp
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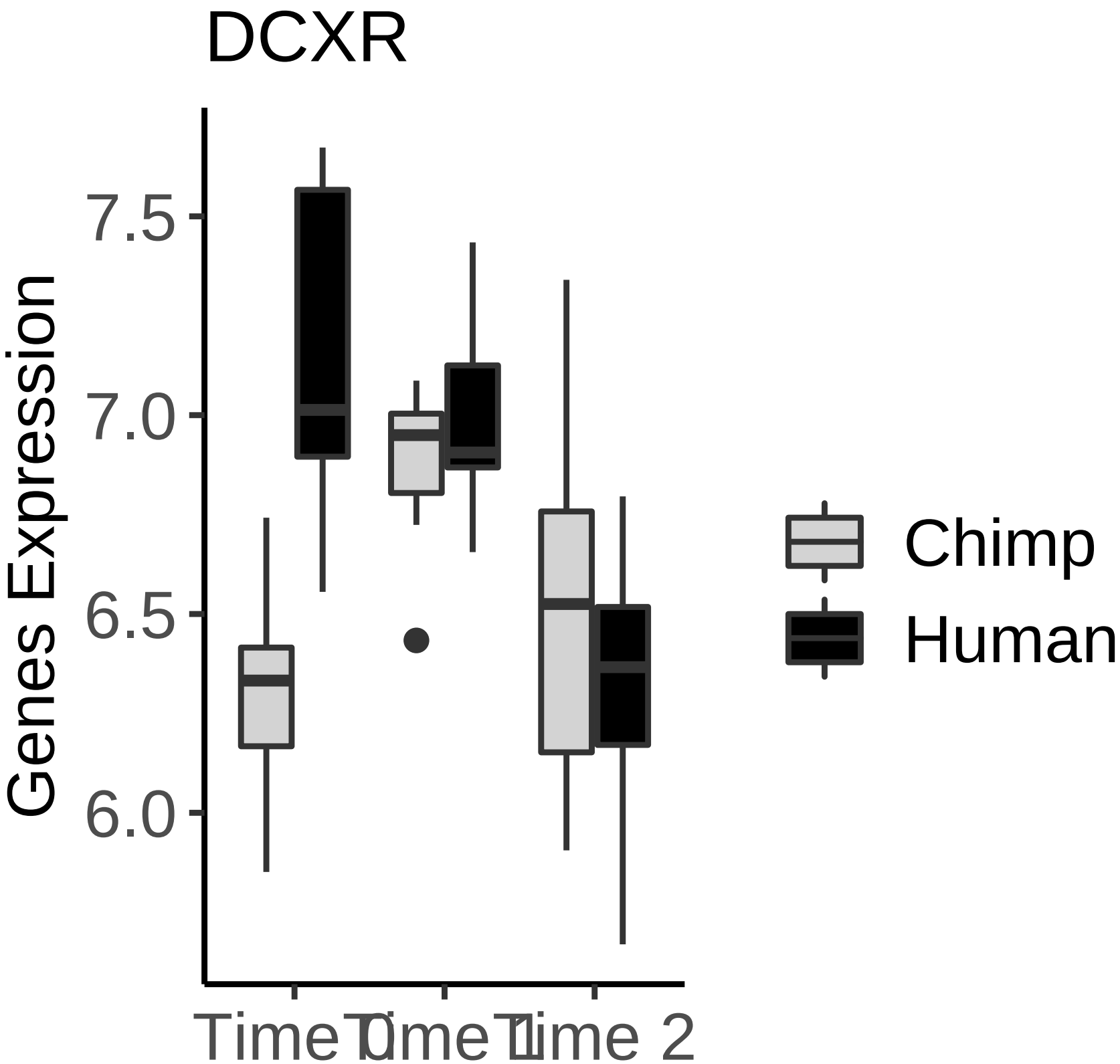
DCXR
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6.0
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Time 2
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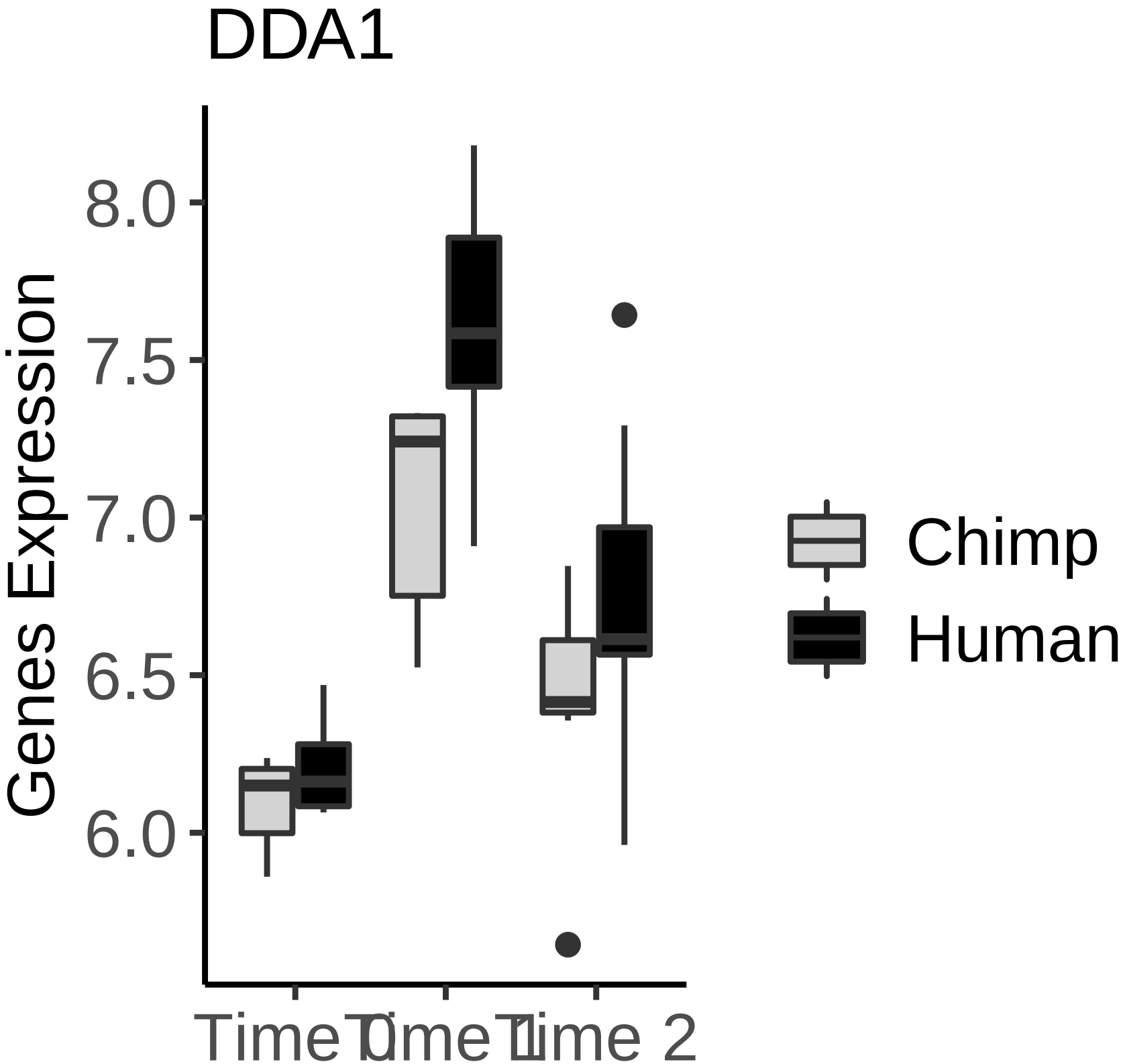
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6.0
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Time 1
Time 2
Chimp
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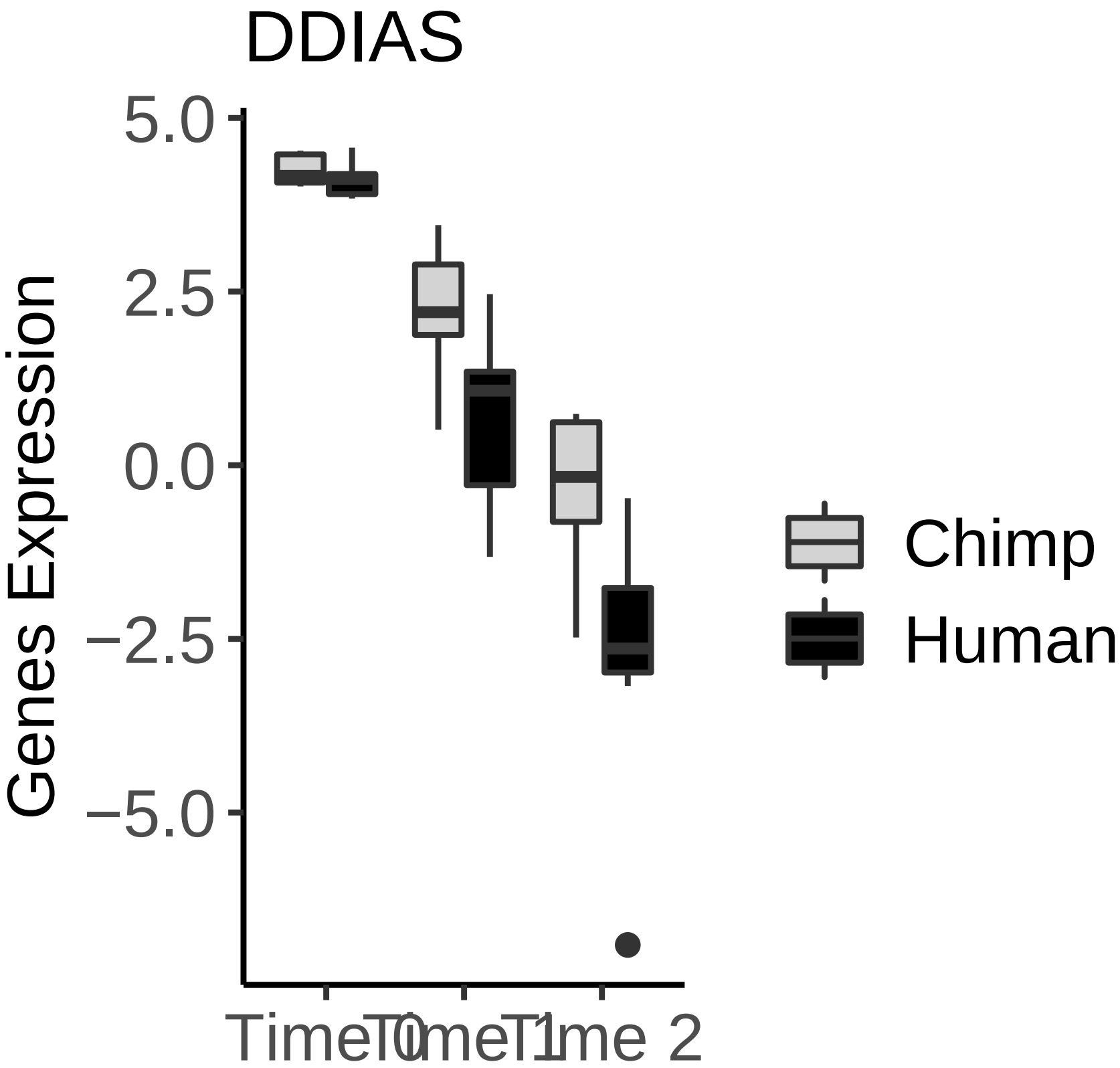
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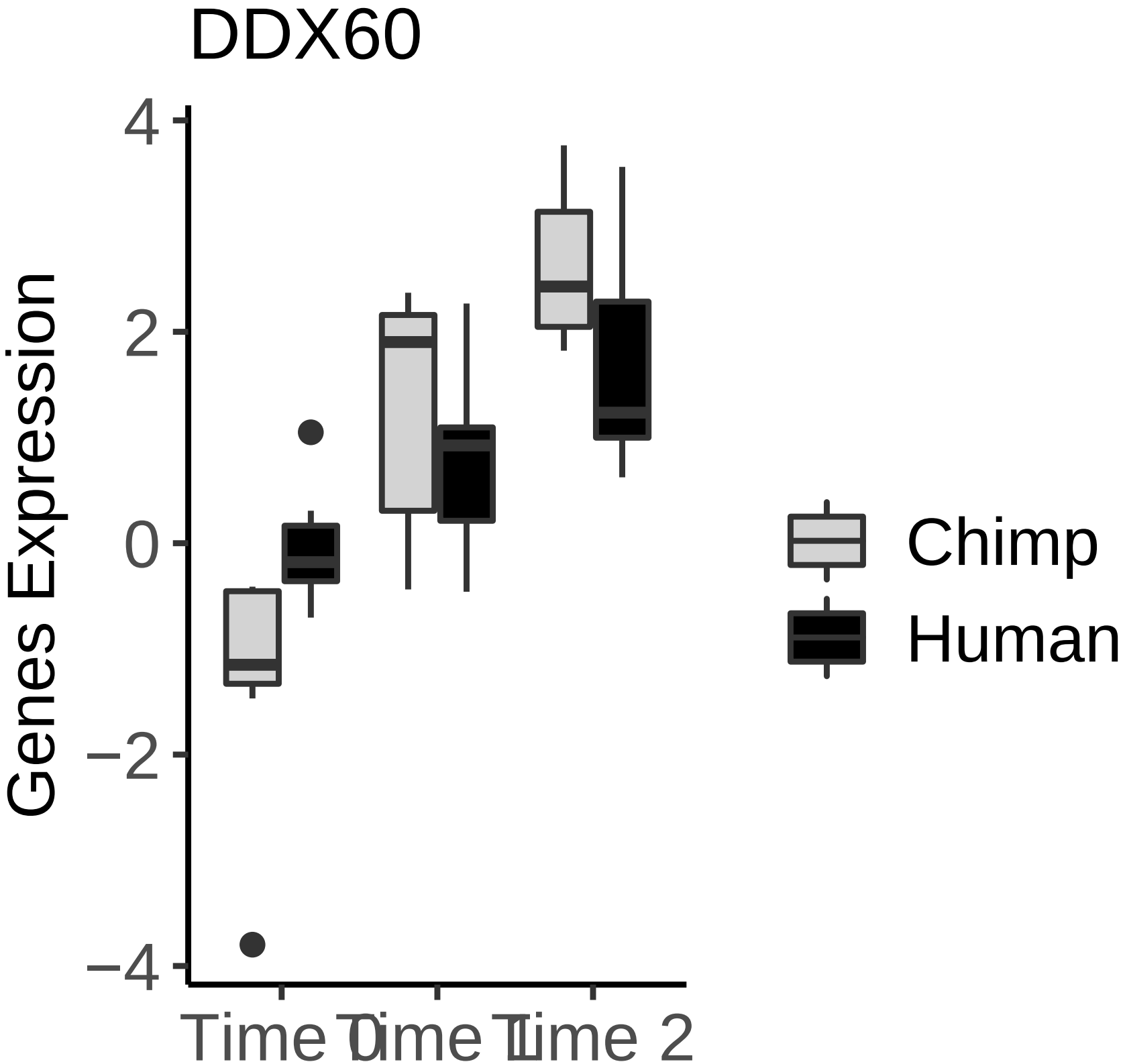
Time 1
Time 2
Chimp
Human


DDX60
Genes Expression
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2
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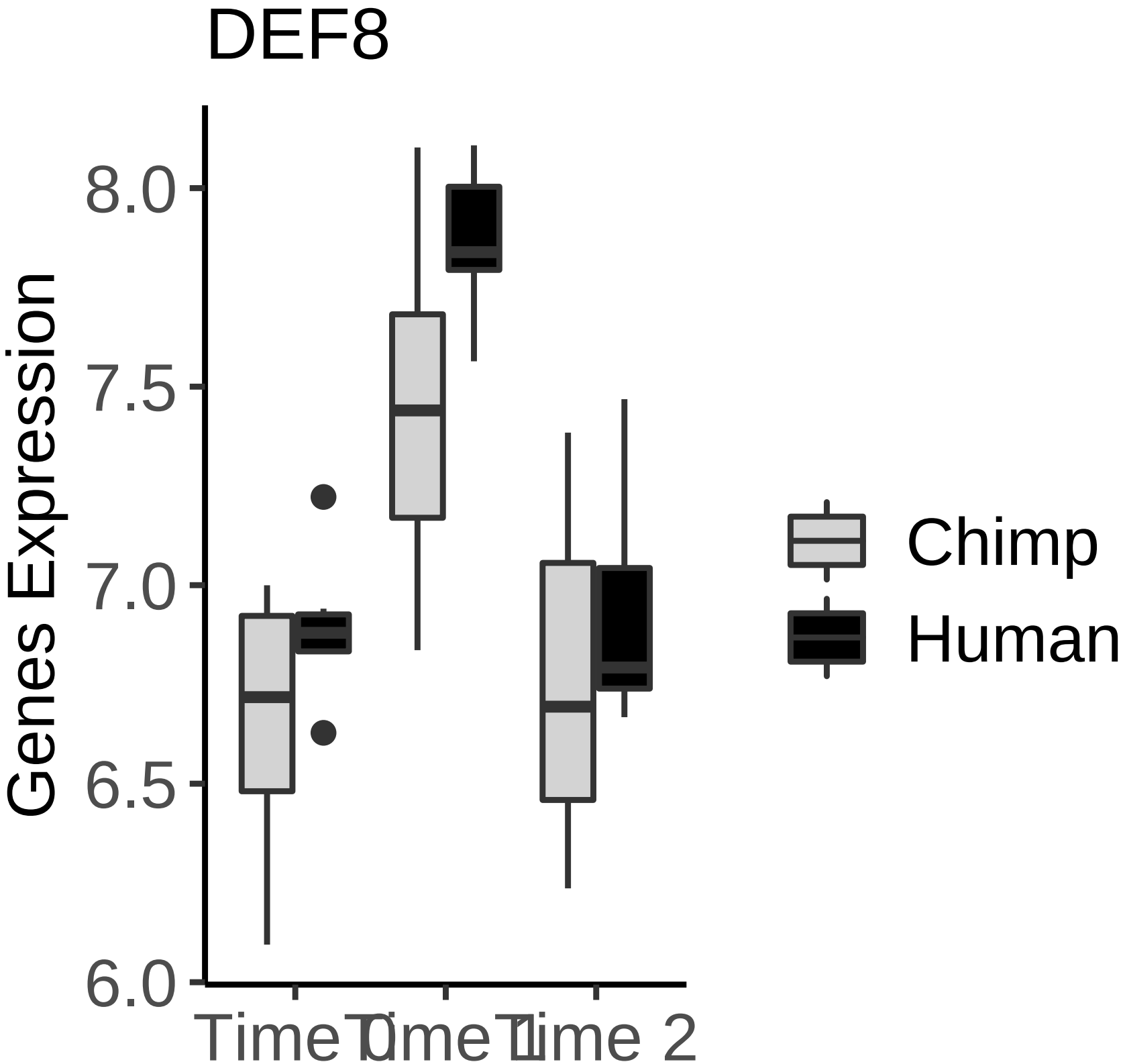
−2
−4
Time 0
Time 1
Time 2
Chimp
Human


DEF8
Genes Expression
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6.0
Time 0
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Chimp
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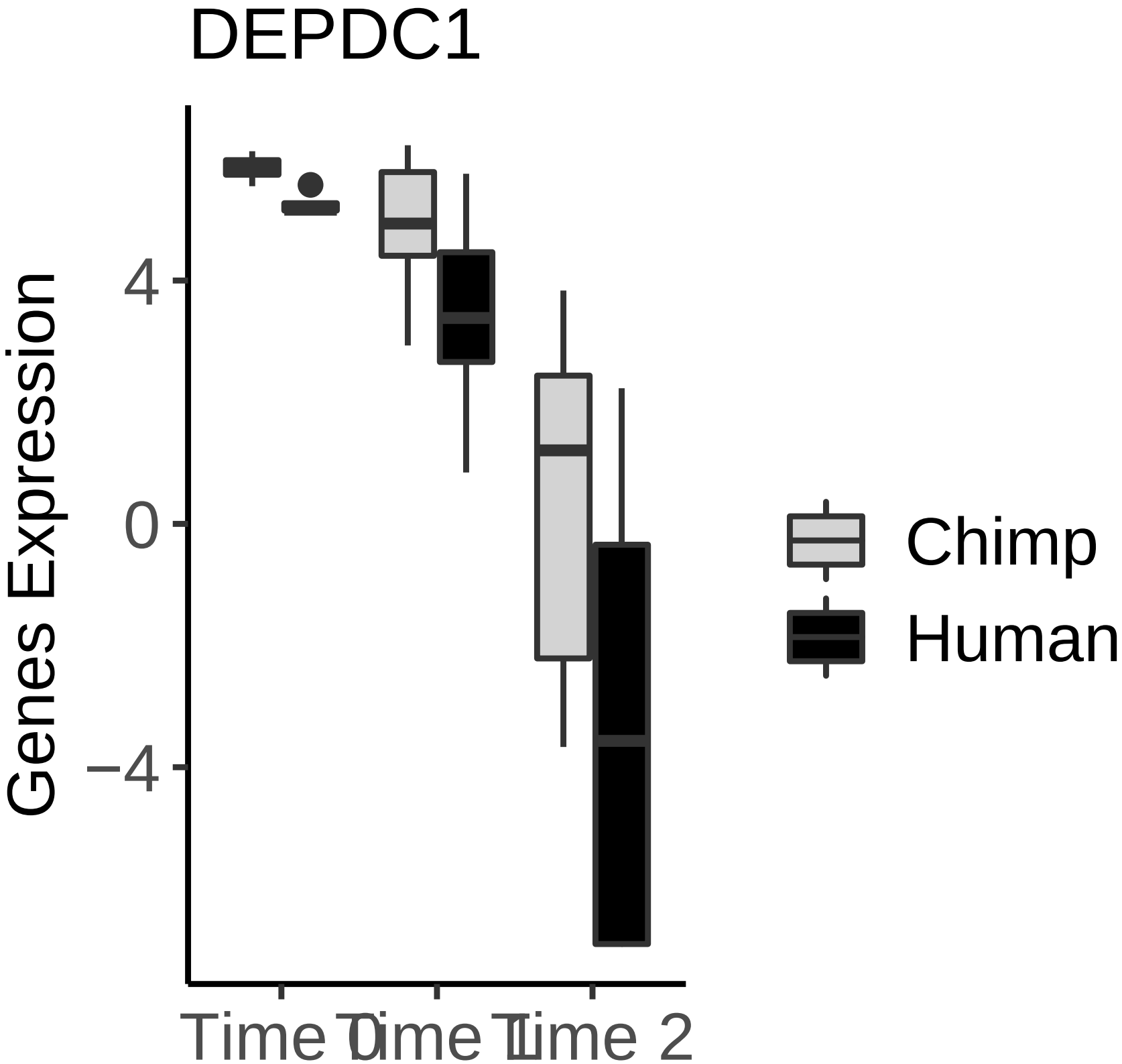
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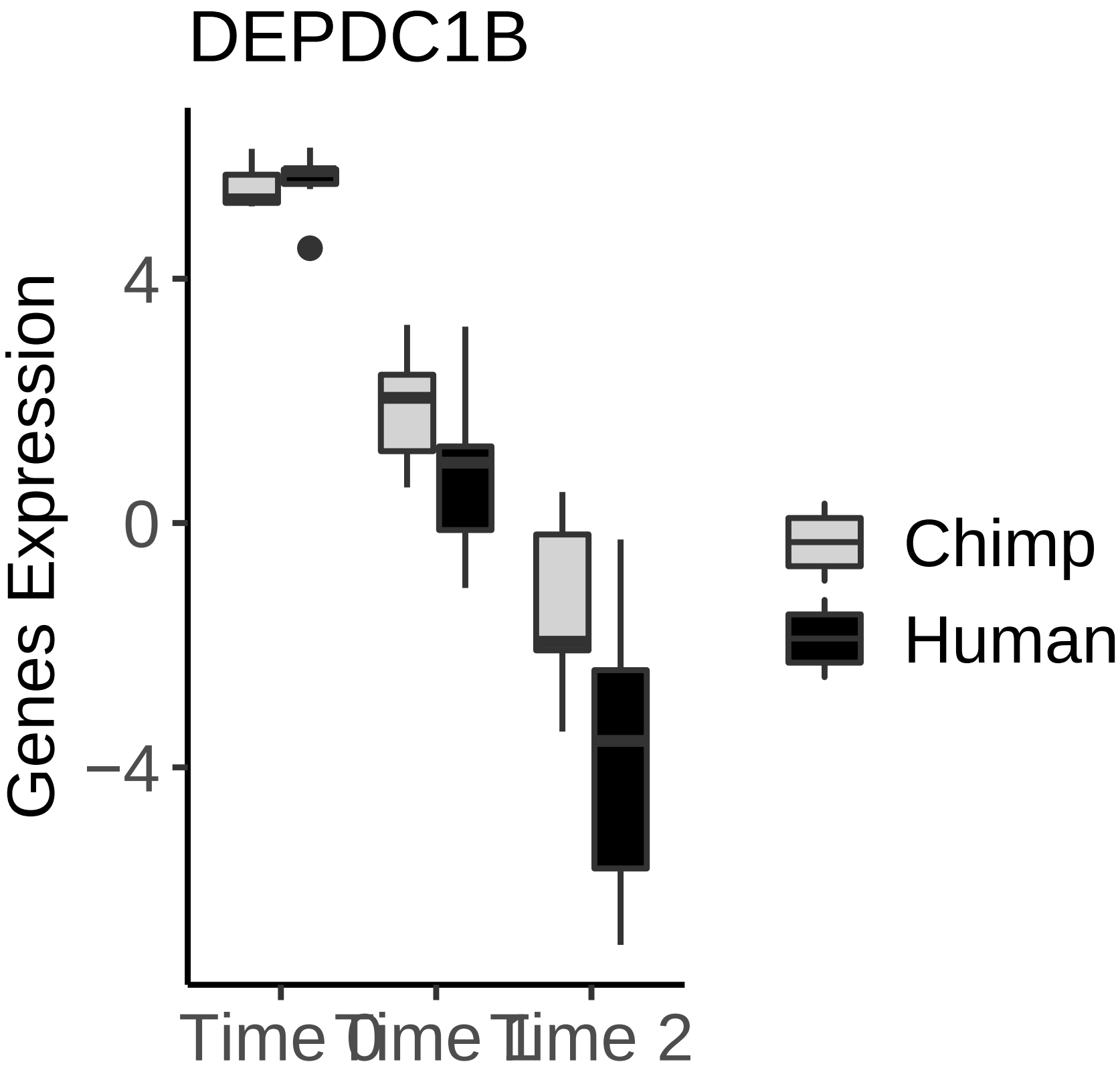
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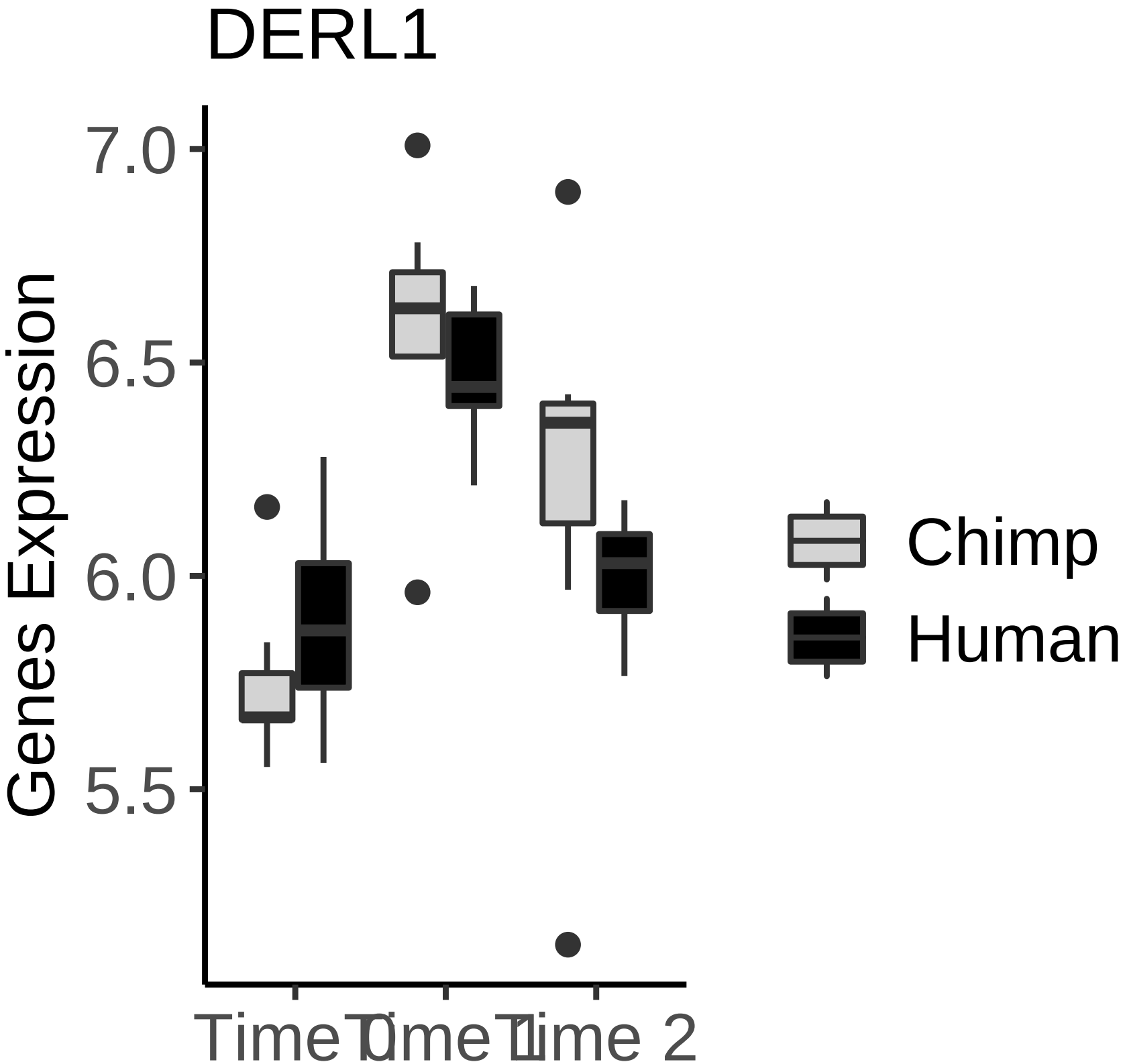
DERL1
Genes Expression
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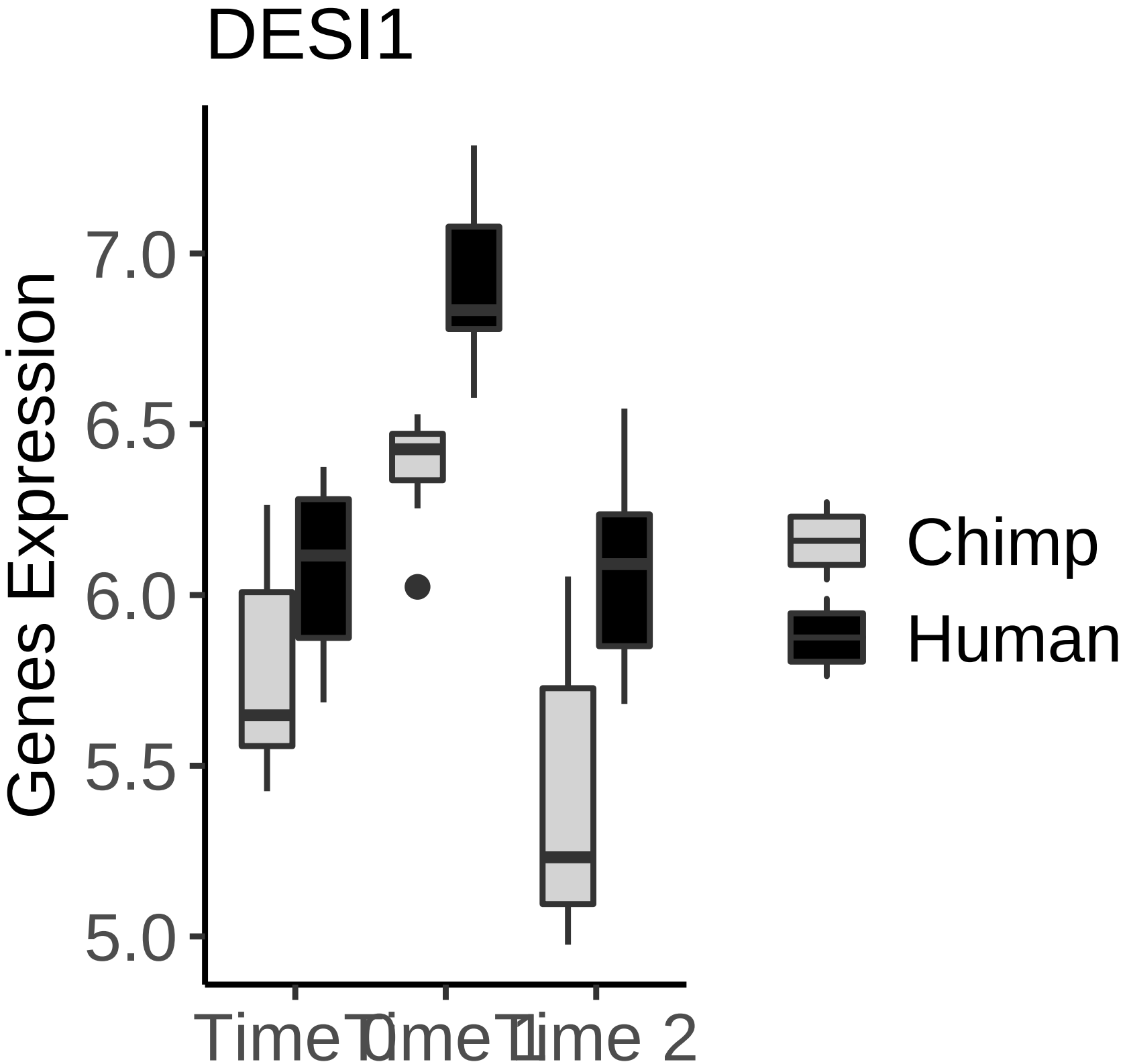
5.5
Time 0
Time 1
Time 2
Chimp
Human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6.0
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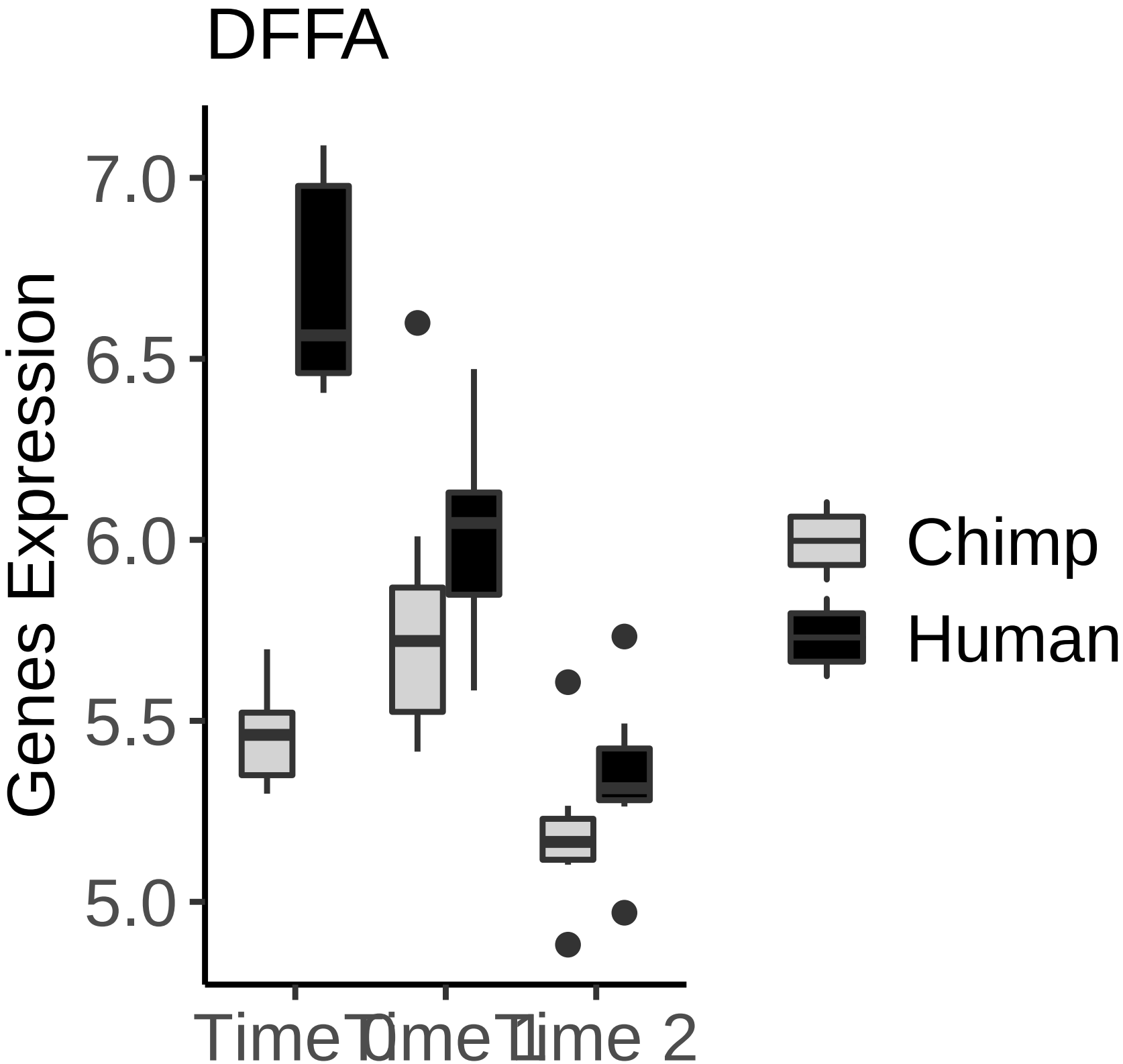
5.0
Time 0
Time 1
Time 2
Chimp
Human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Chimp
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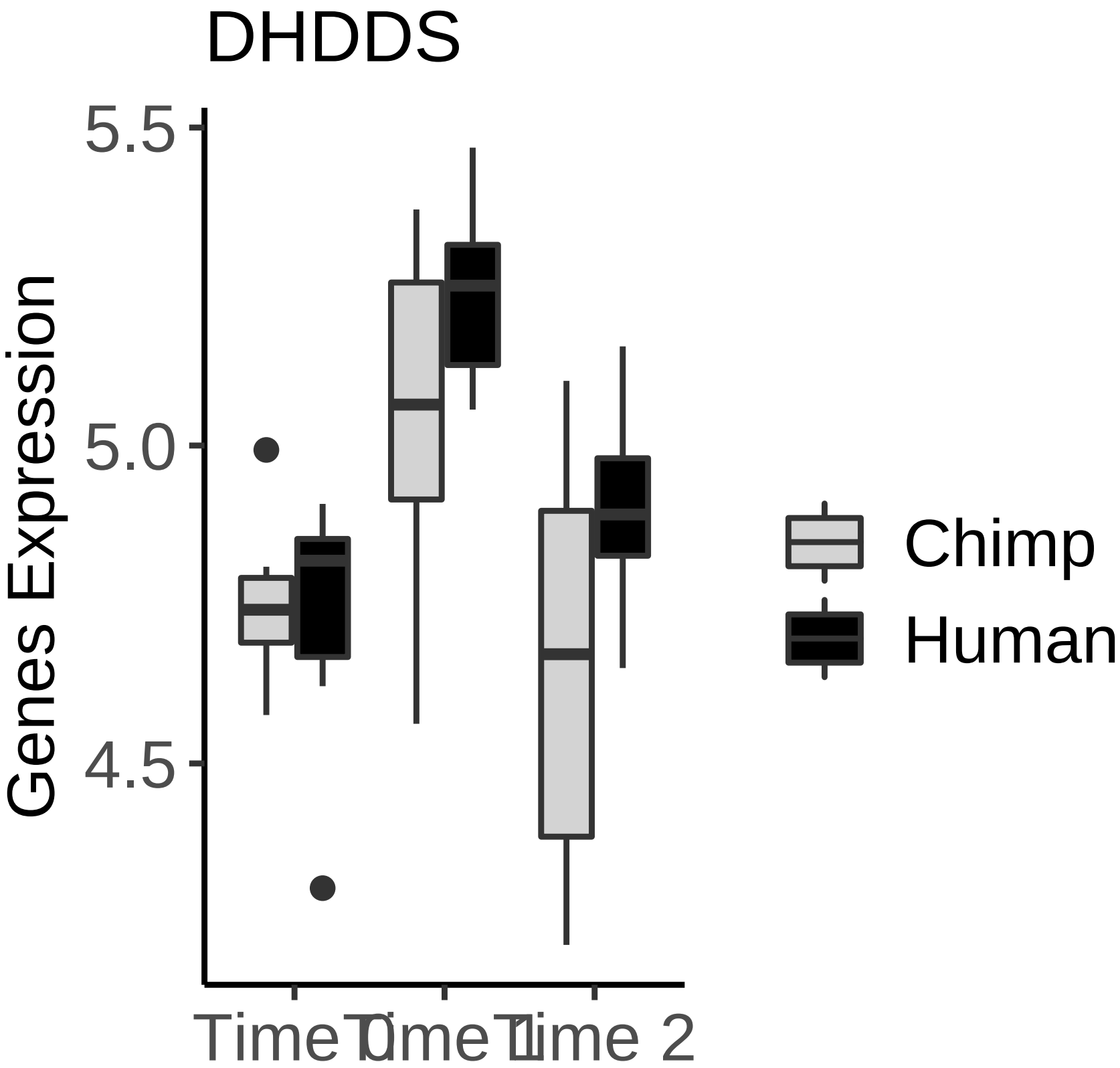
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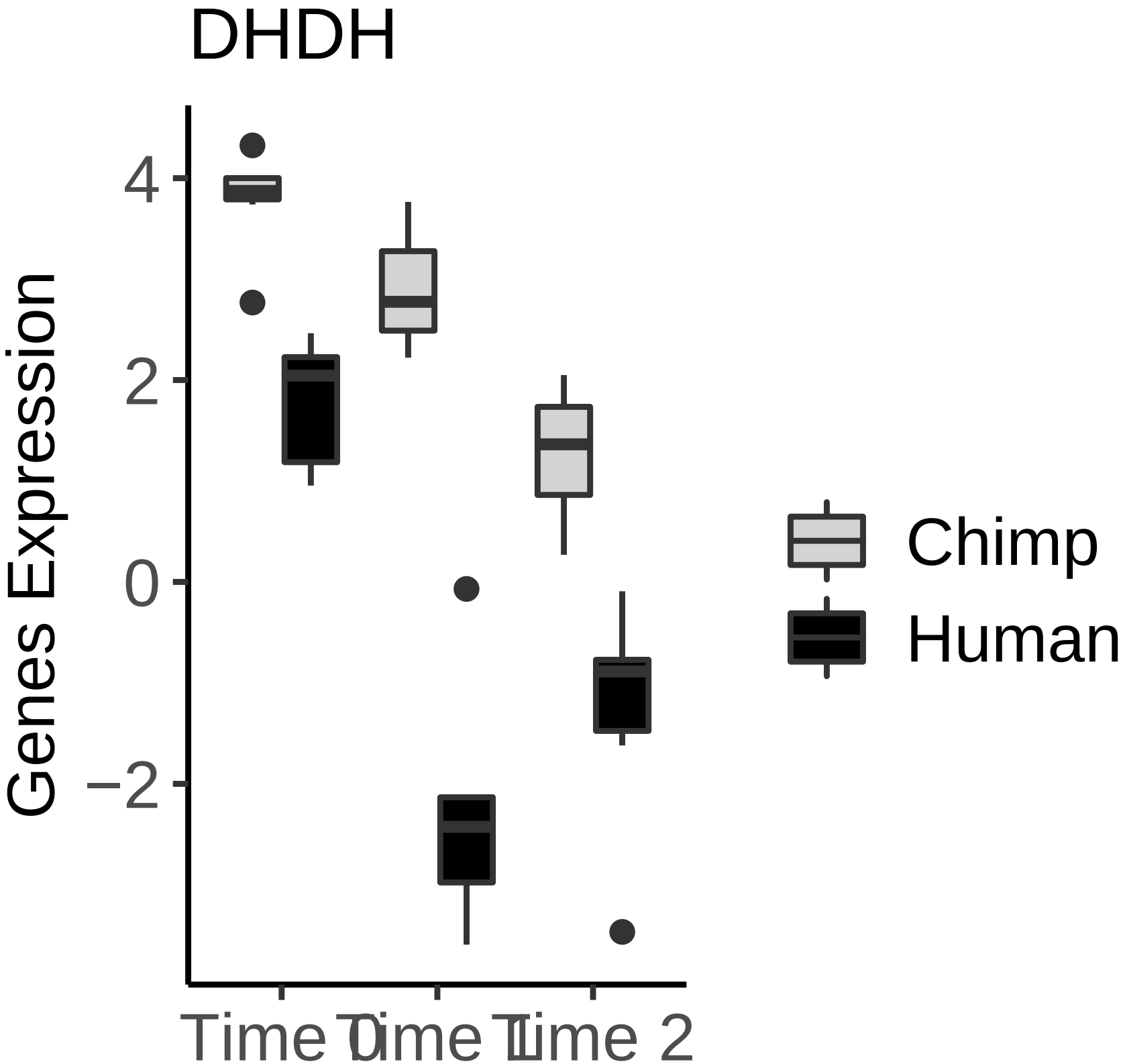
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Genes Expression
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−2
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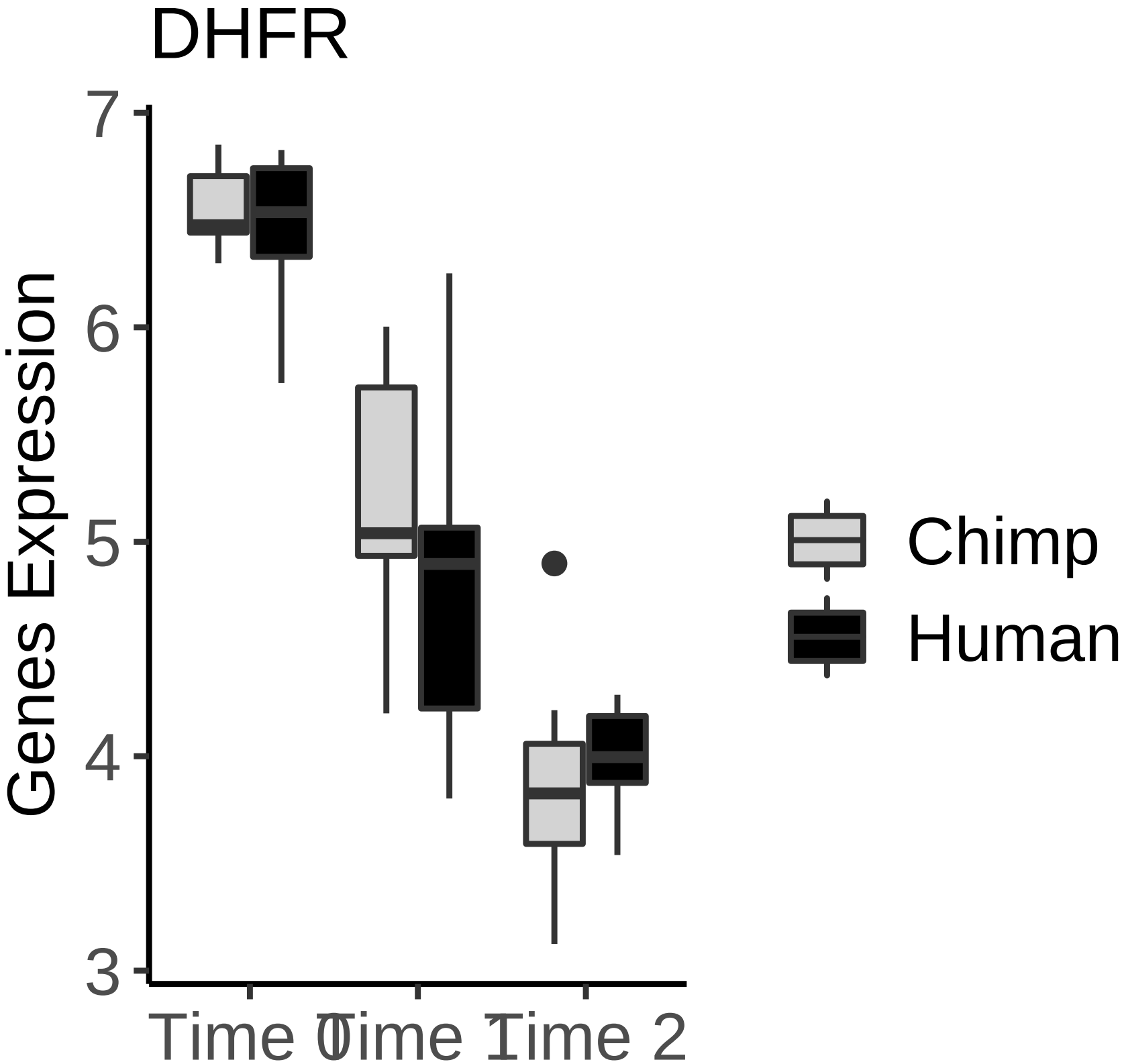
Time 1
Time 2
Chimp
Human


DHFR
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7
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5
4
3
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Time 1
Time 2
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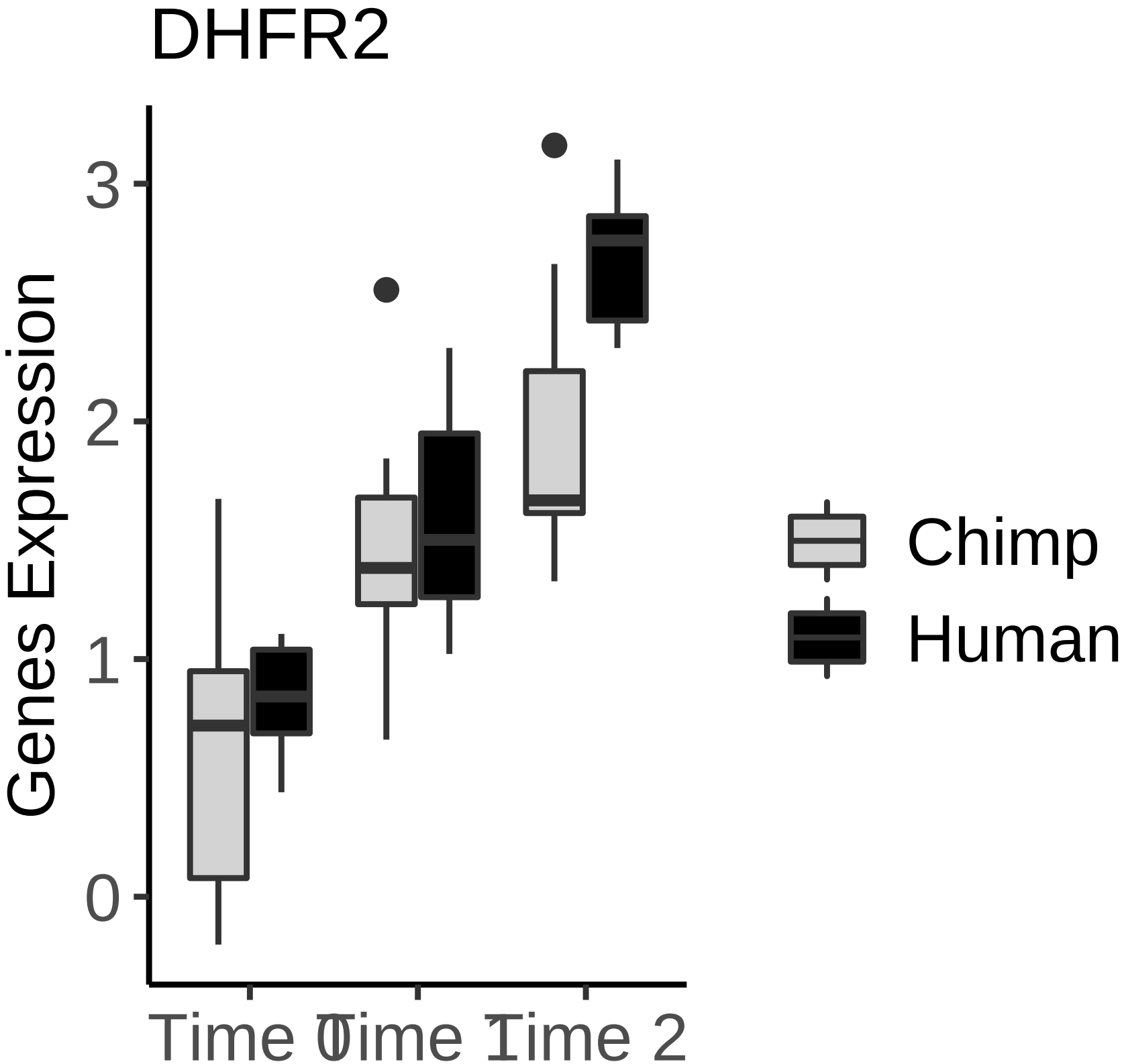
DHFR2
Genes Expression
3
2
1
0
Time 0
Time 1
Time 2
Chimp
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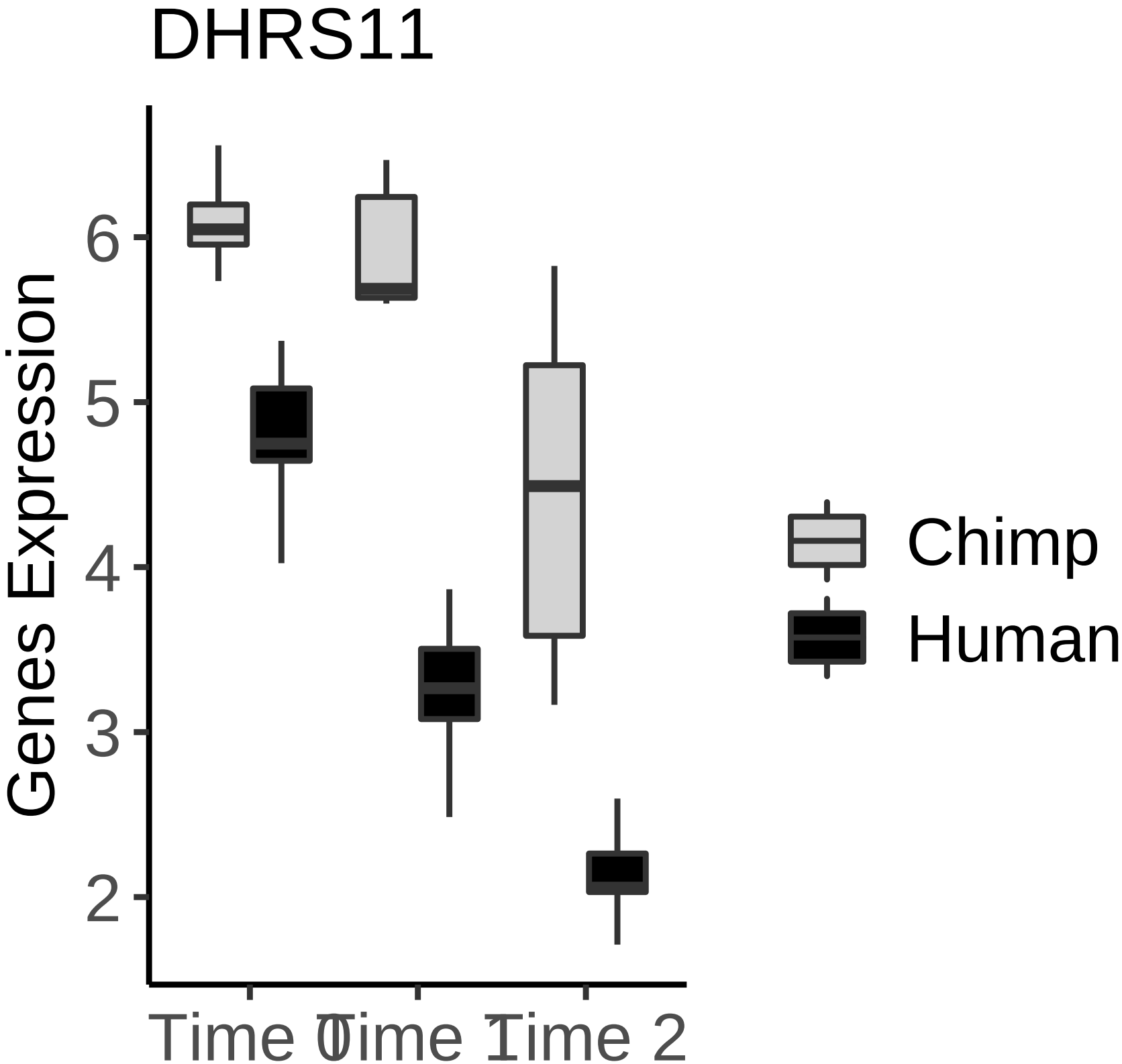
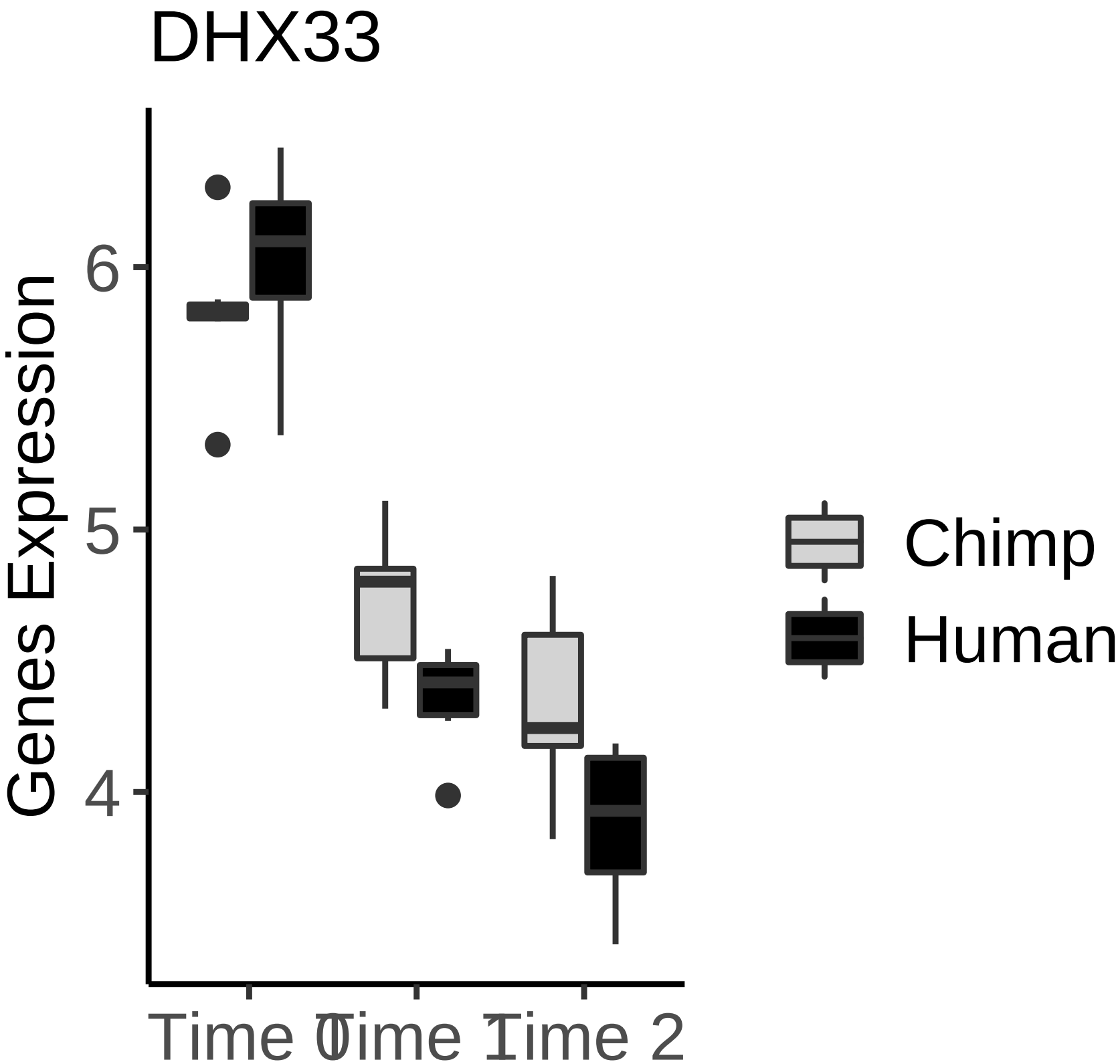
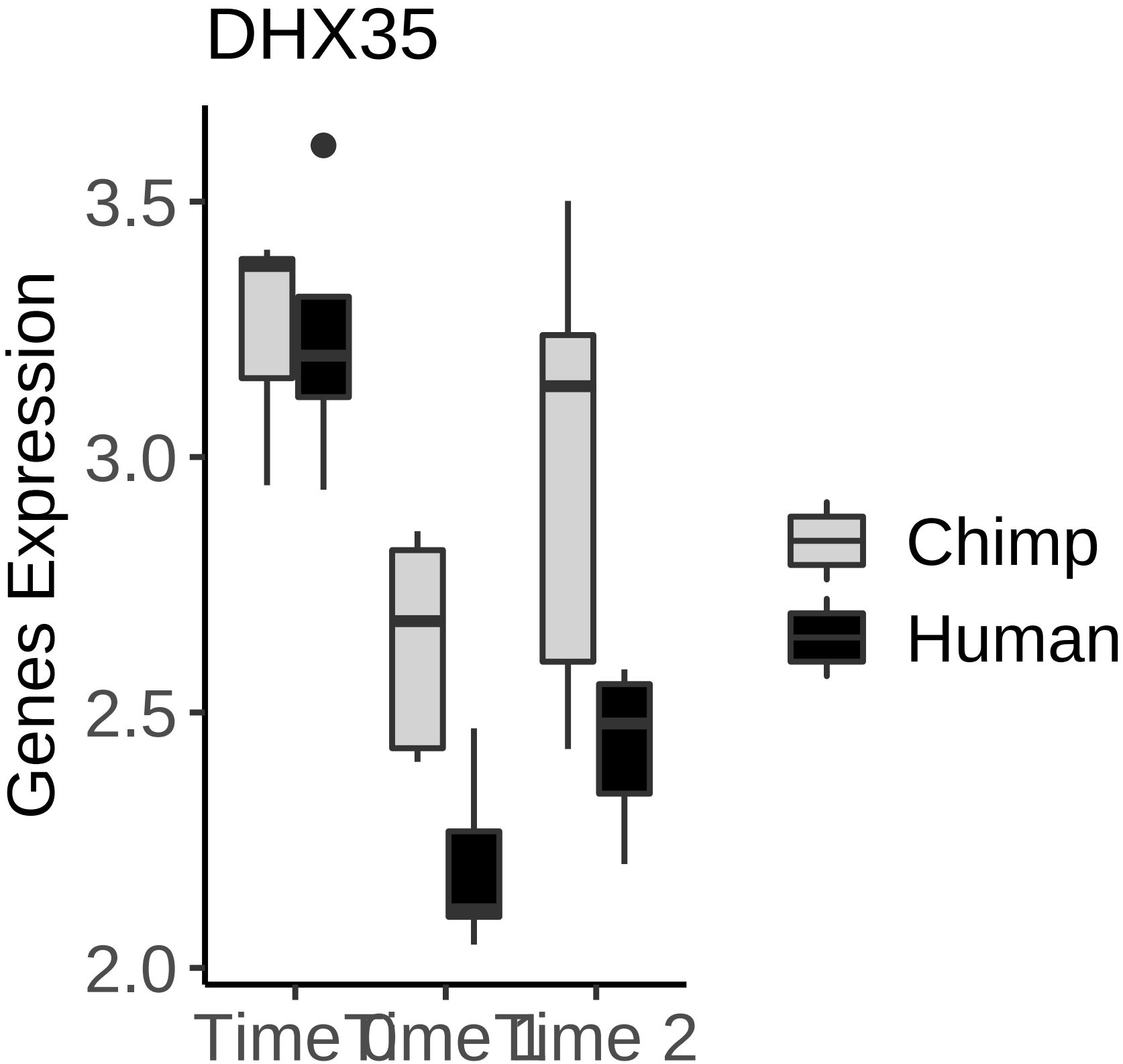

DHRS11
Genes Expression
6
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human


DHX33
Genes Expression
6
5
4
Time 0
Time 1
Time 2
Chimp
Human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2.5
2.0
Time 0
Time 1
Time 2
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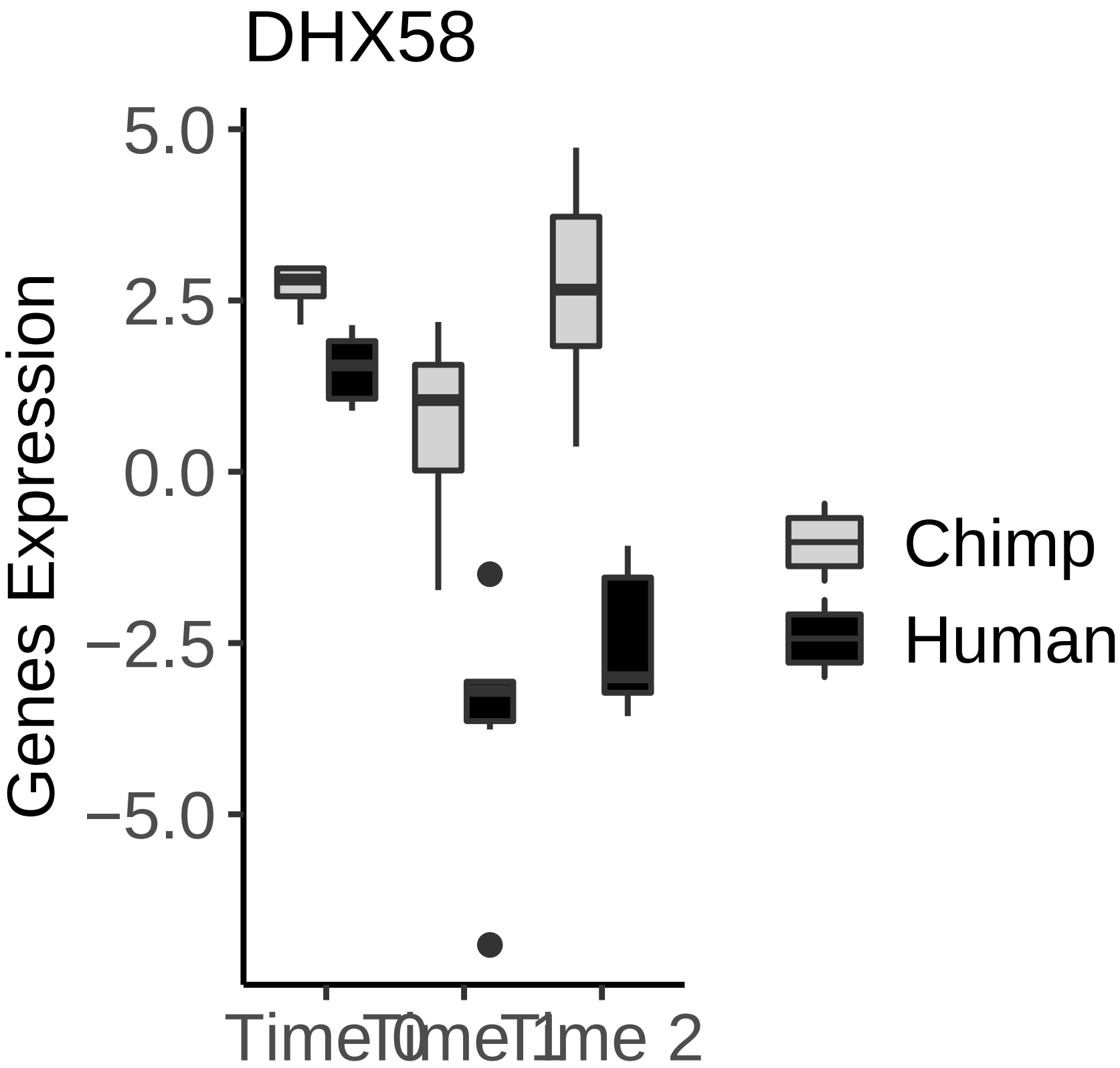
Human


DHX58
Genes Expression
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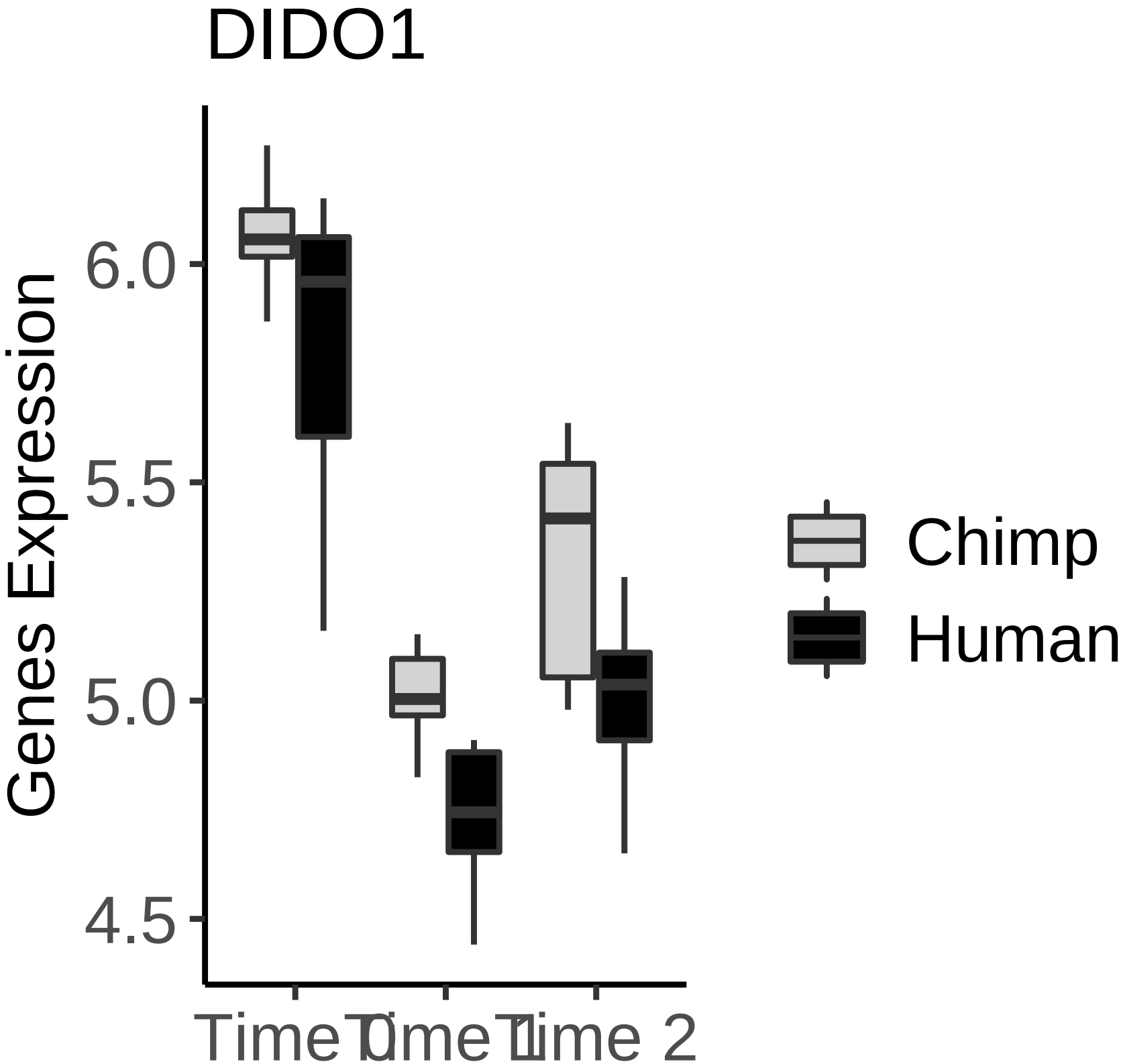
Time 1
Time 2
Chimp
Human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Genes Expression
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4.5
Time 0
Time 1
Time 2
Chimp
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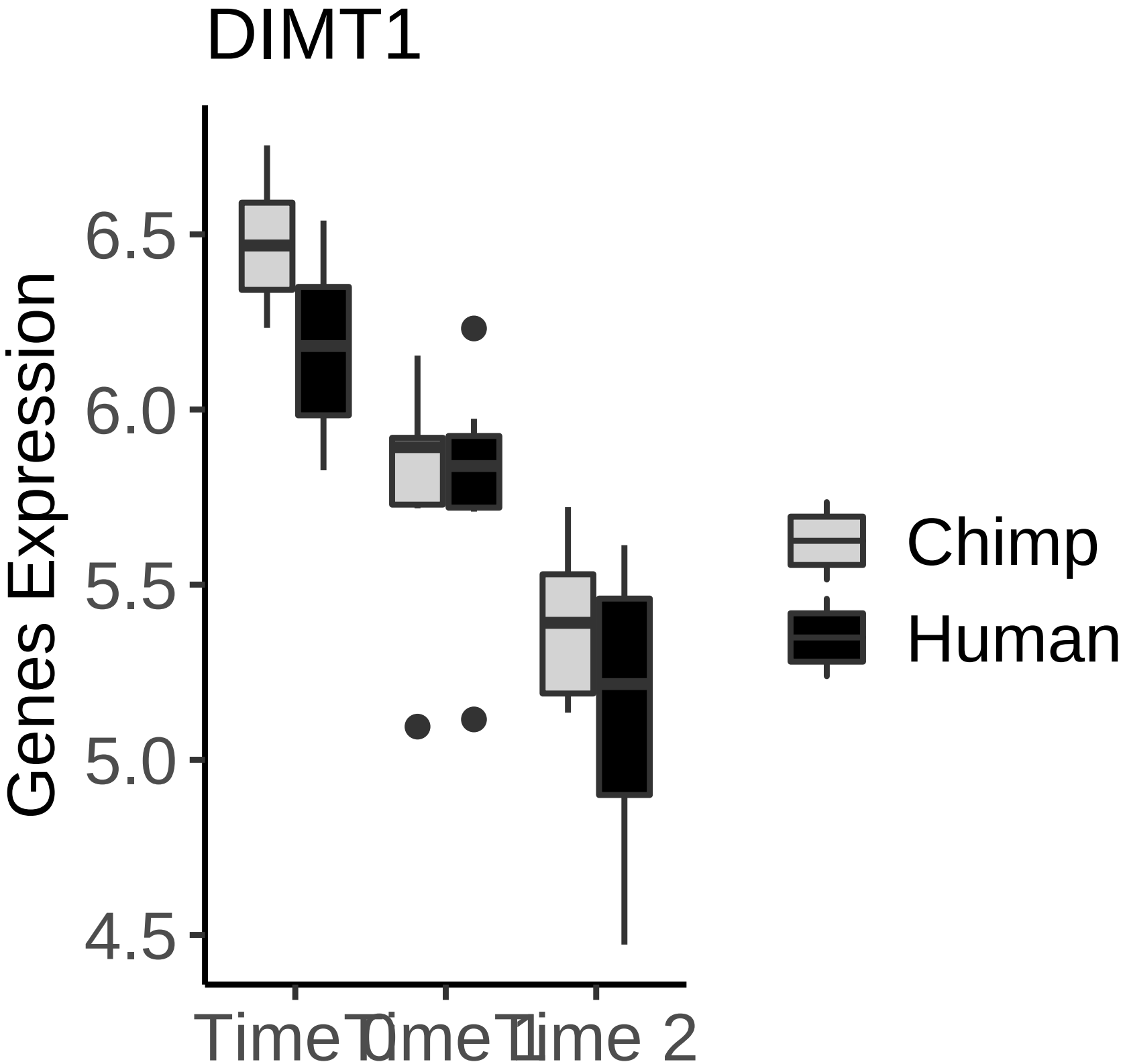
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Genes Expression
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5.0
4.5
Time 0
Time 1
Time 2
Chimp
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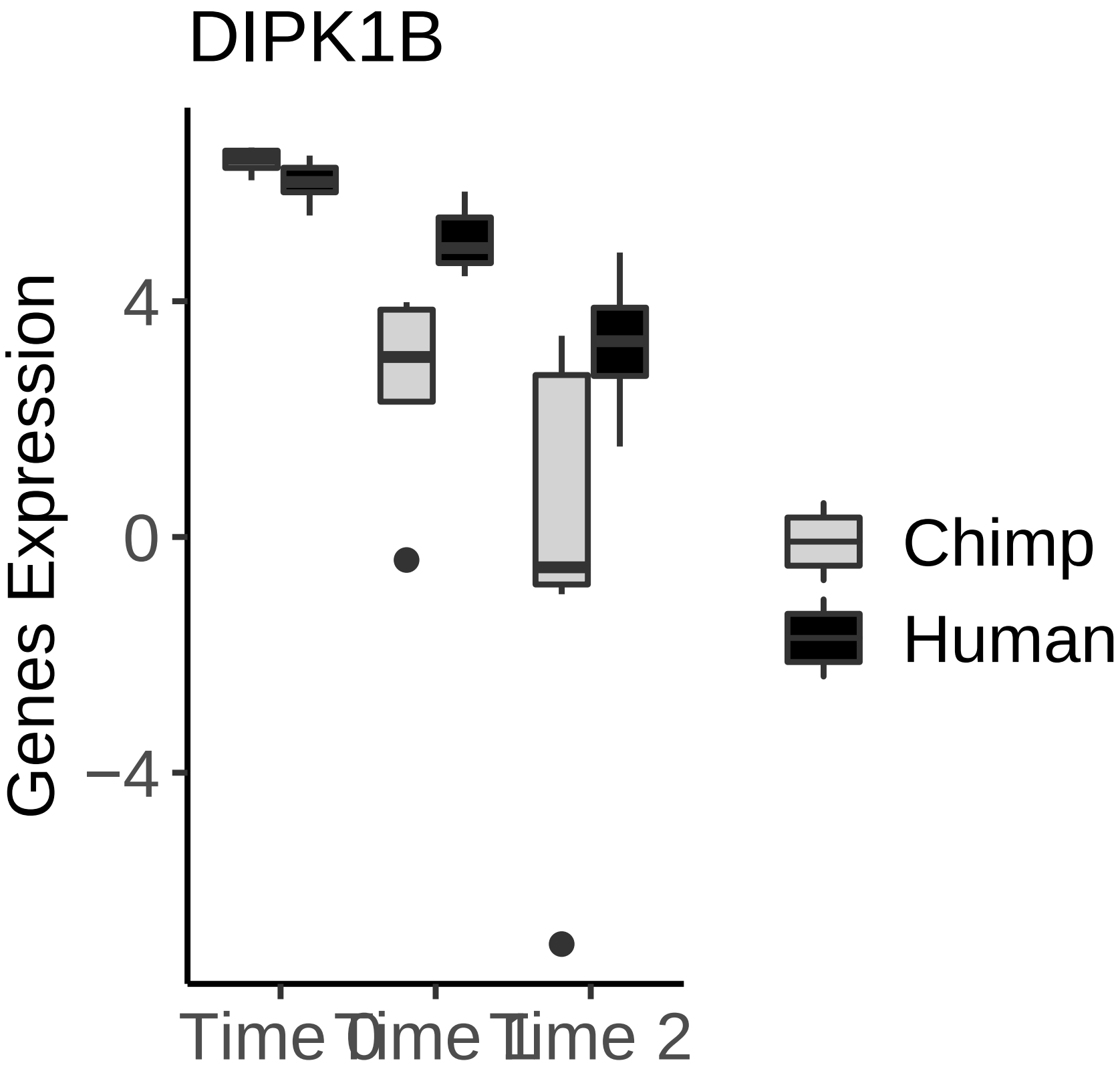
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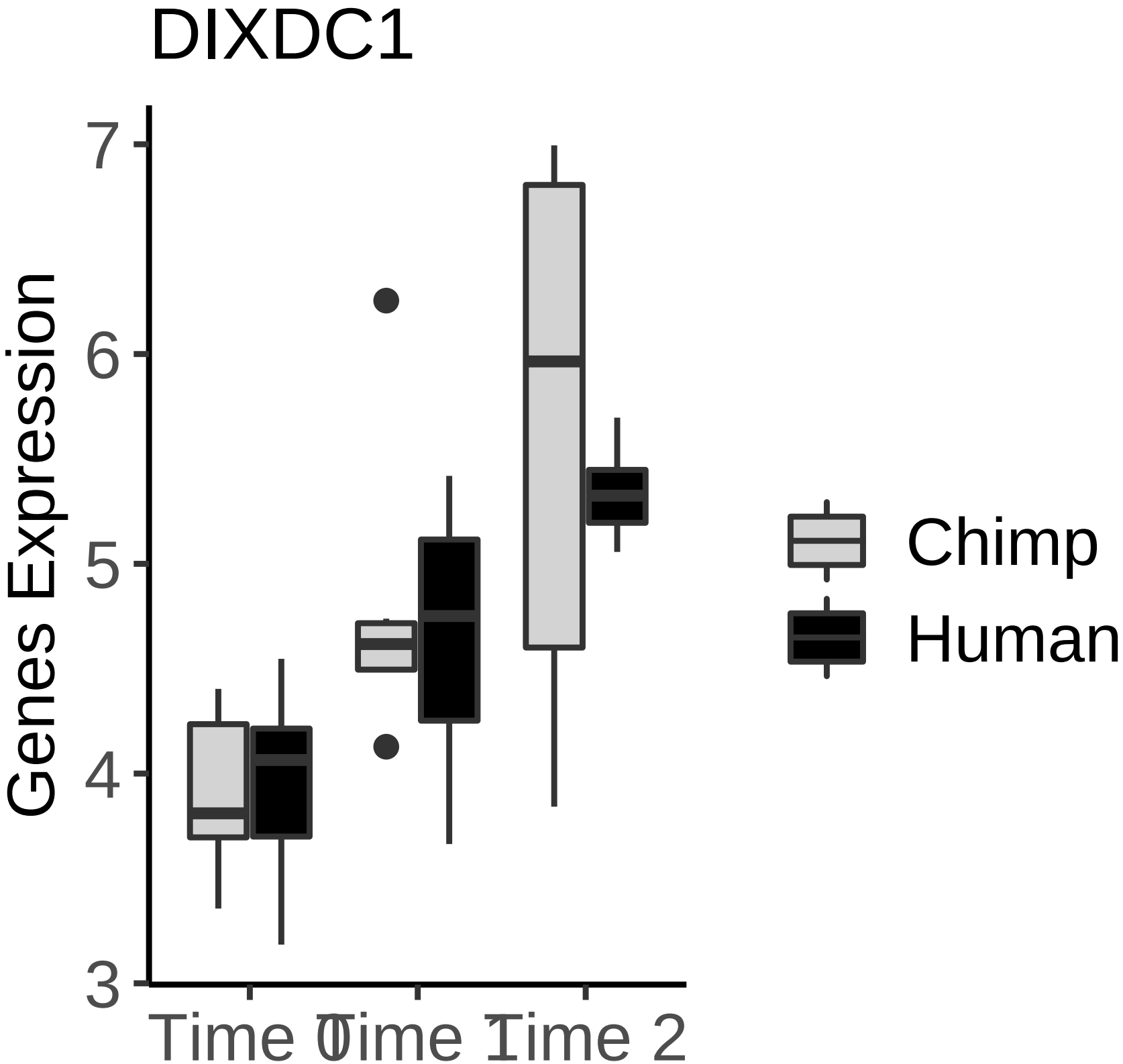
DIXDC1
Genes Expression
7
6
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4
3
Time 0
Time 1
Time 2
Chimp
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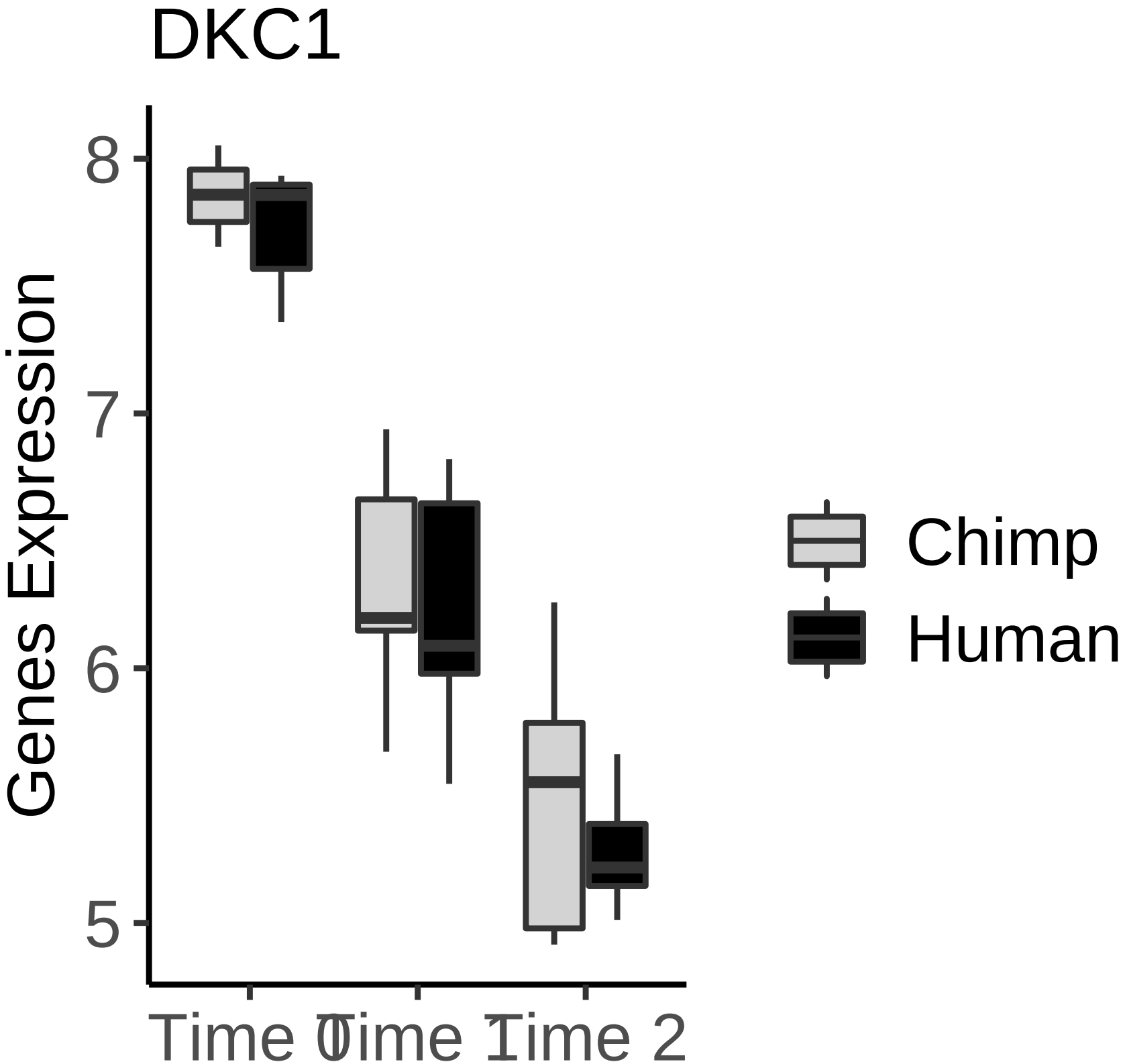
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Time 2
Chimp
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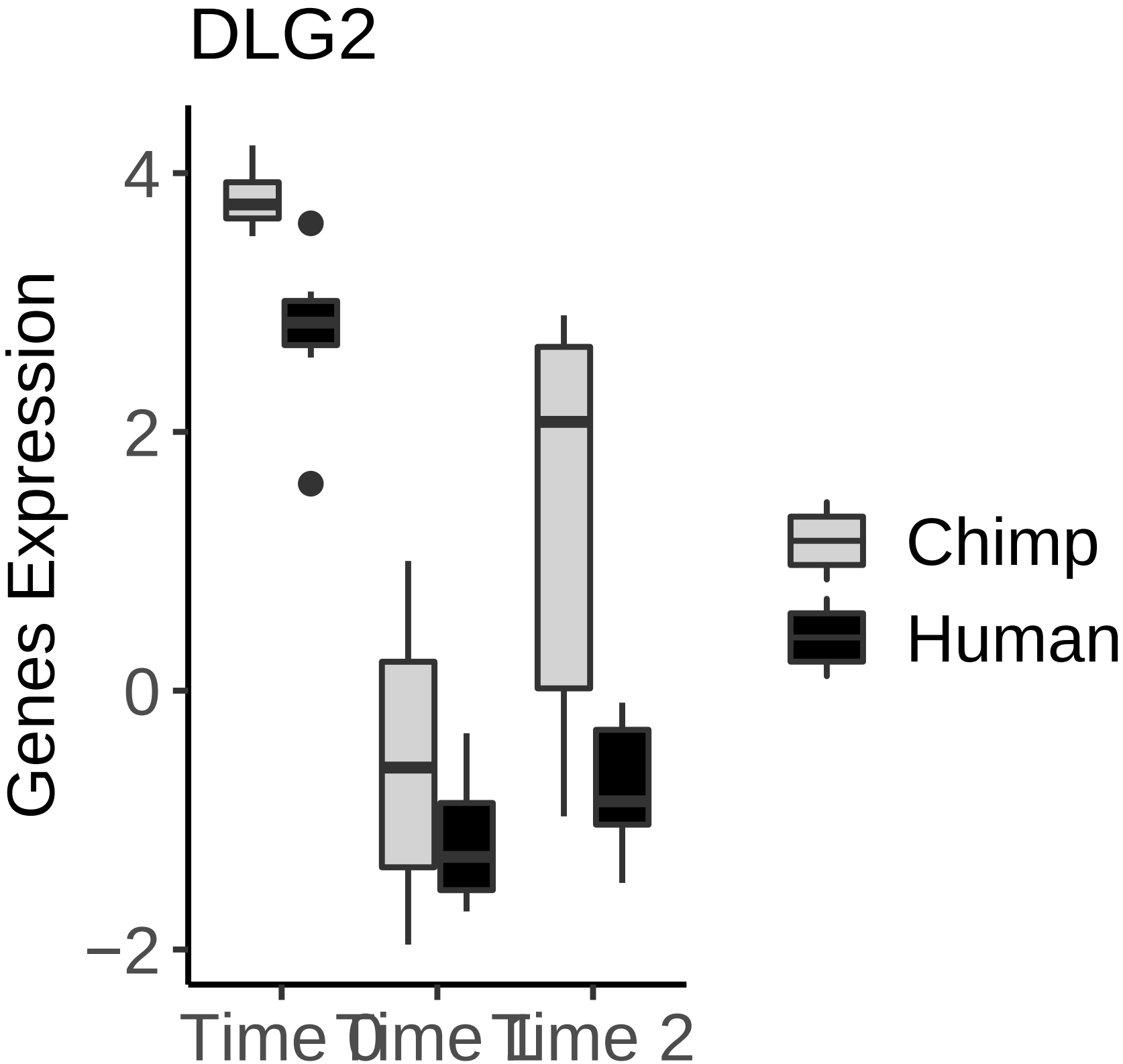
DLG2
Genes Expression
4
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Time 0
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Time 2
Chimp
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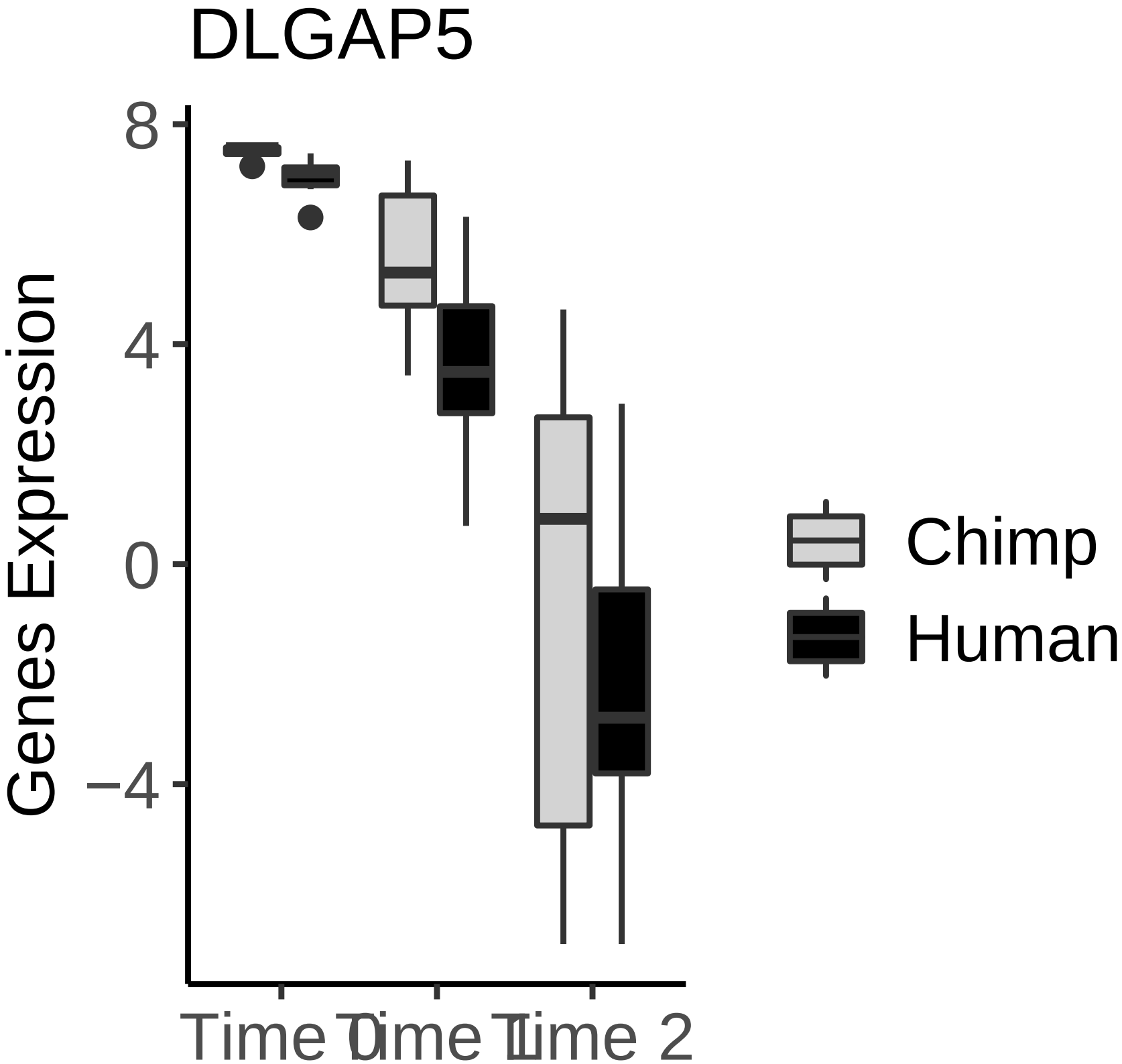
DLGAP5
Genes Expression
8
4
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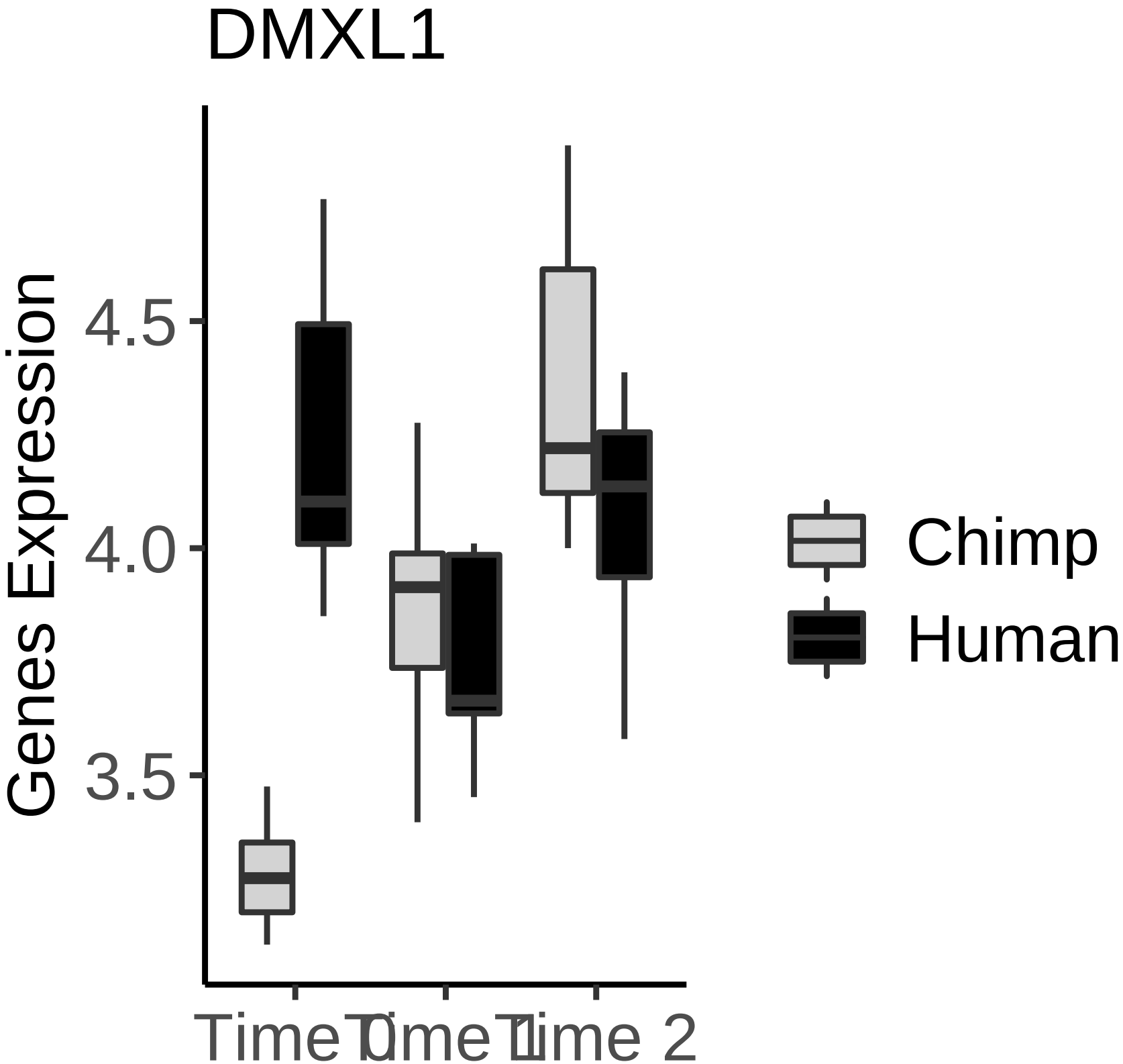
Time 0
Time 1
Time 2
Chimp
Human


DMXL1
Genes Expression
4.5
4.0
3.5
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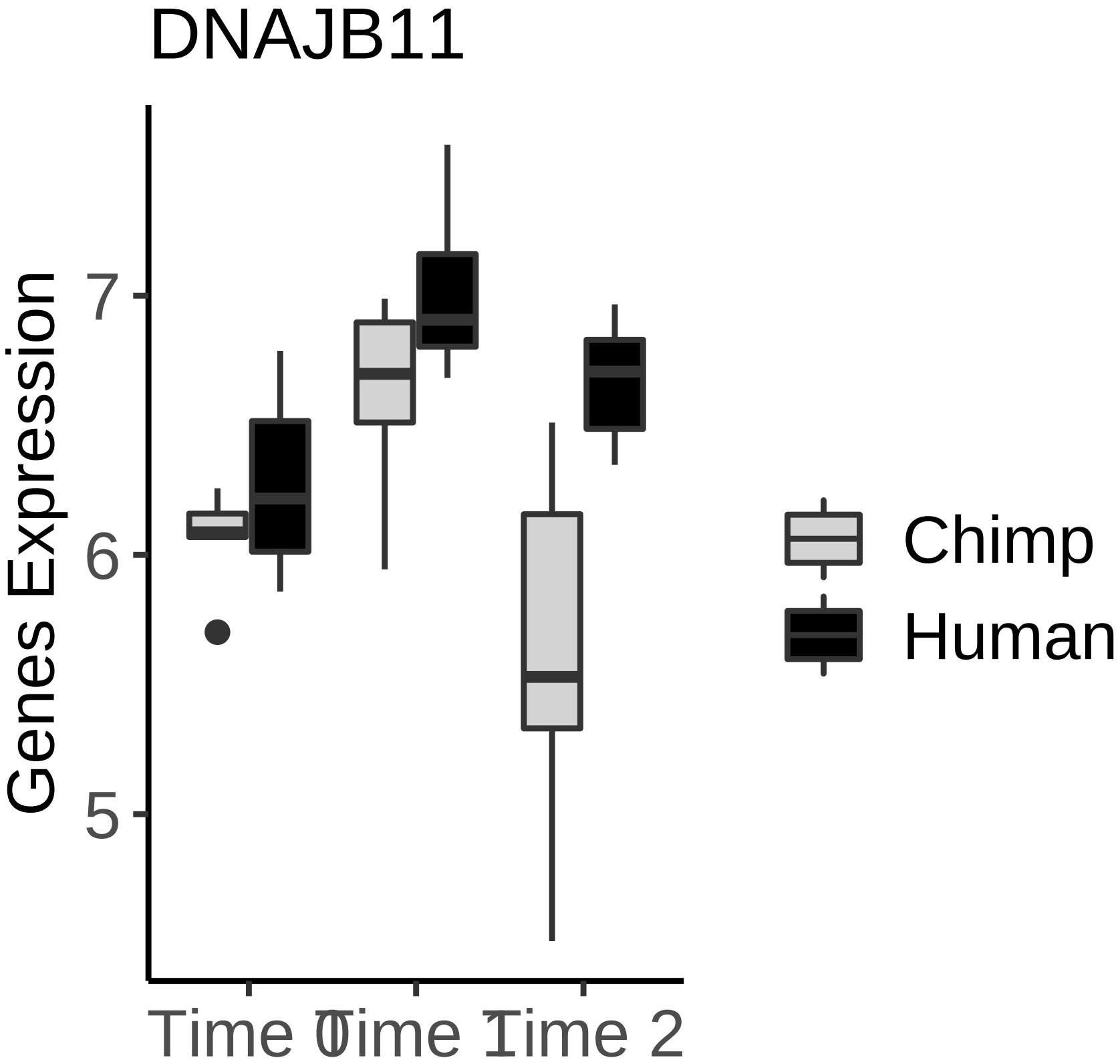
Time 1
Time 2
Chimp
Human


DNAJB11
Genes Expression
7
6
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Time 1
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Chimp
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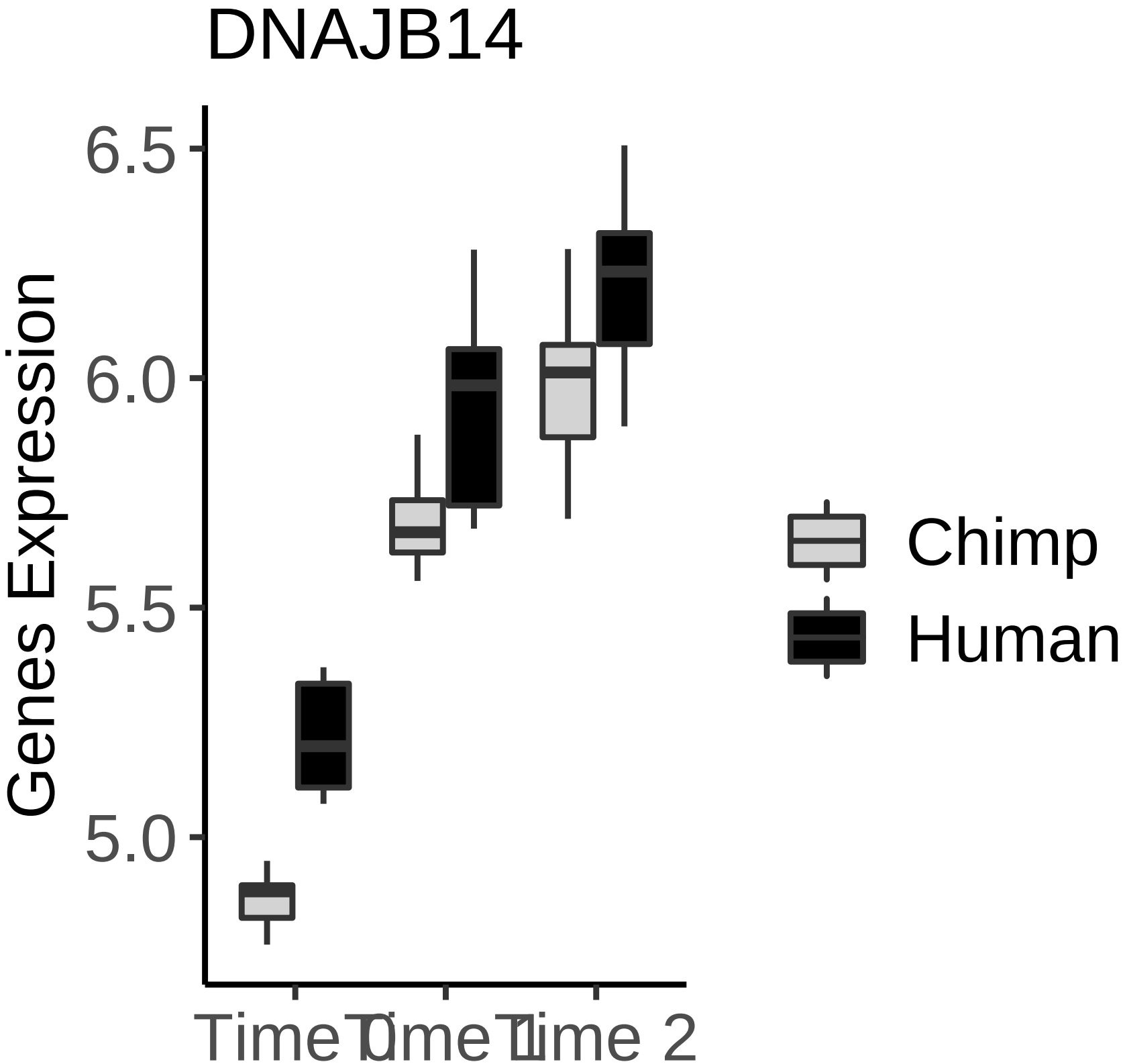
DNAJB14
Genes Expression
6.5
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5.5
5.0
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Time 1
Time 2
Chimp
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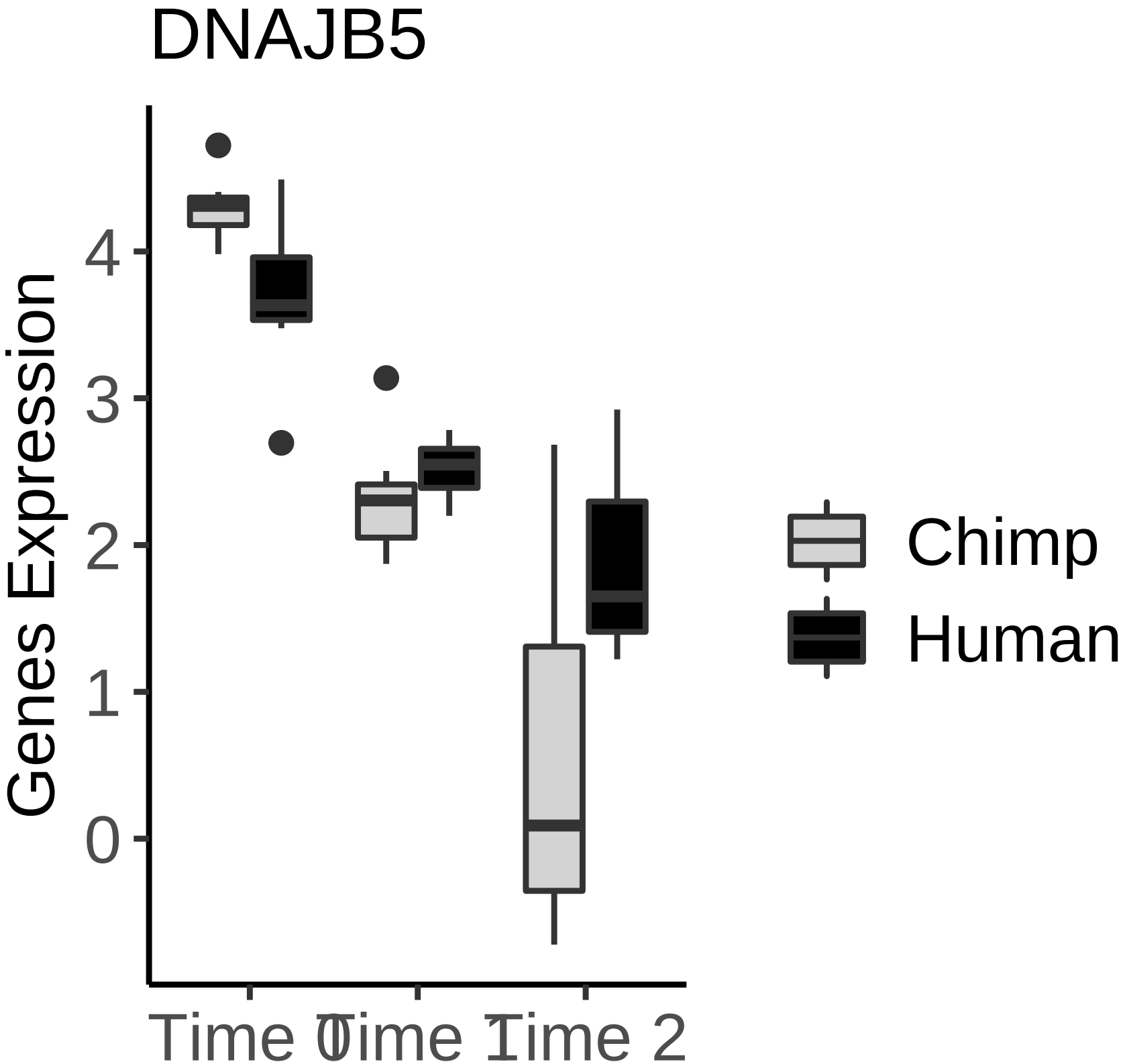
DNAJB5
Genes Expression
4
3
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1
0
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Time 2
Chimp
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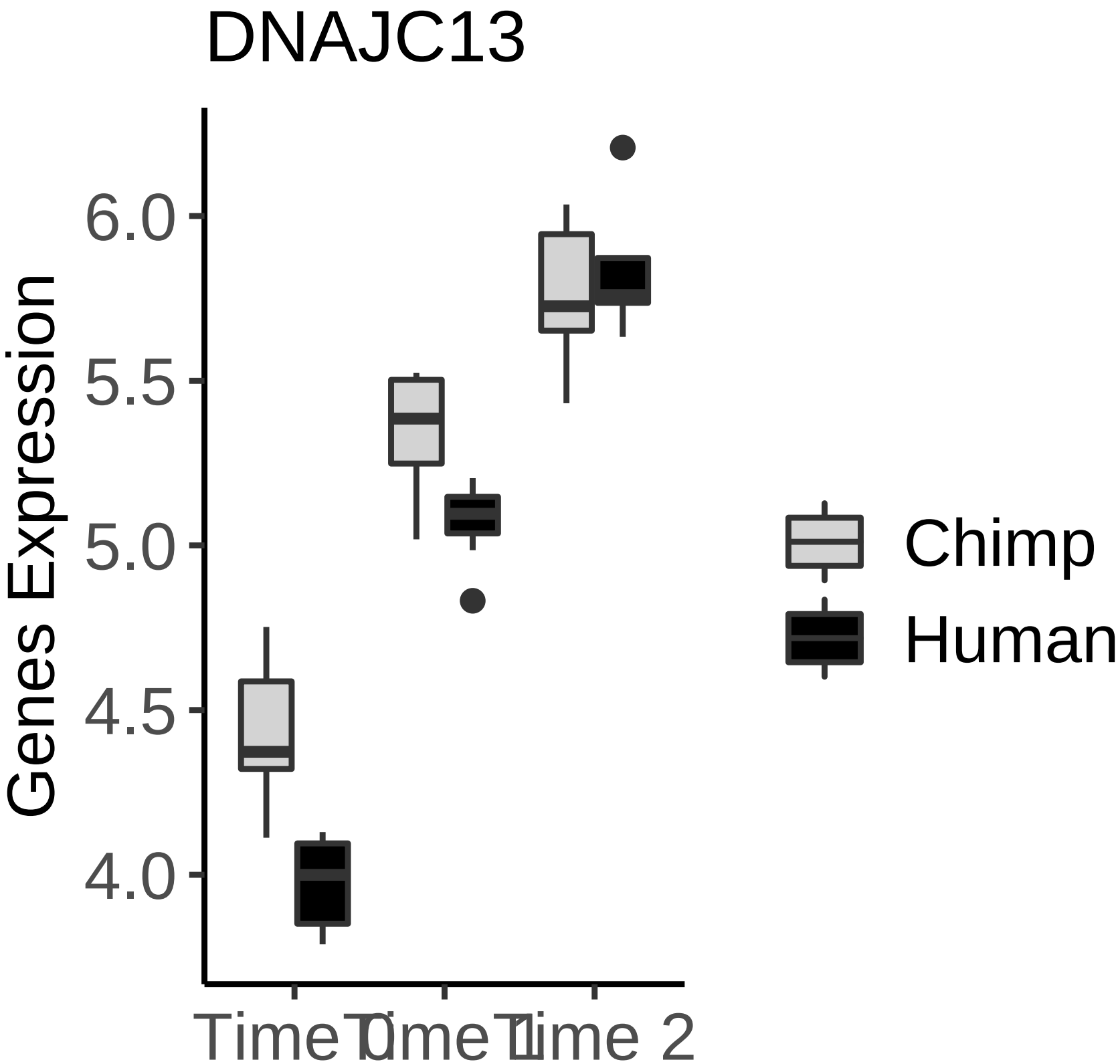
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Genes Expression
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5.0
4.5
4.0
Time 0
Time 1
Time 2
Chimp
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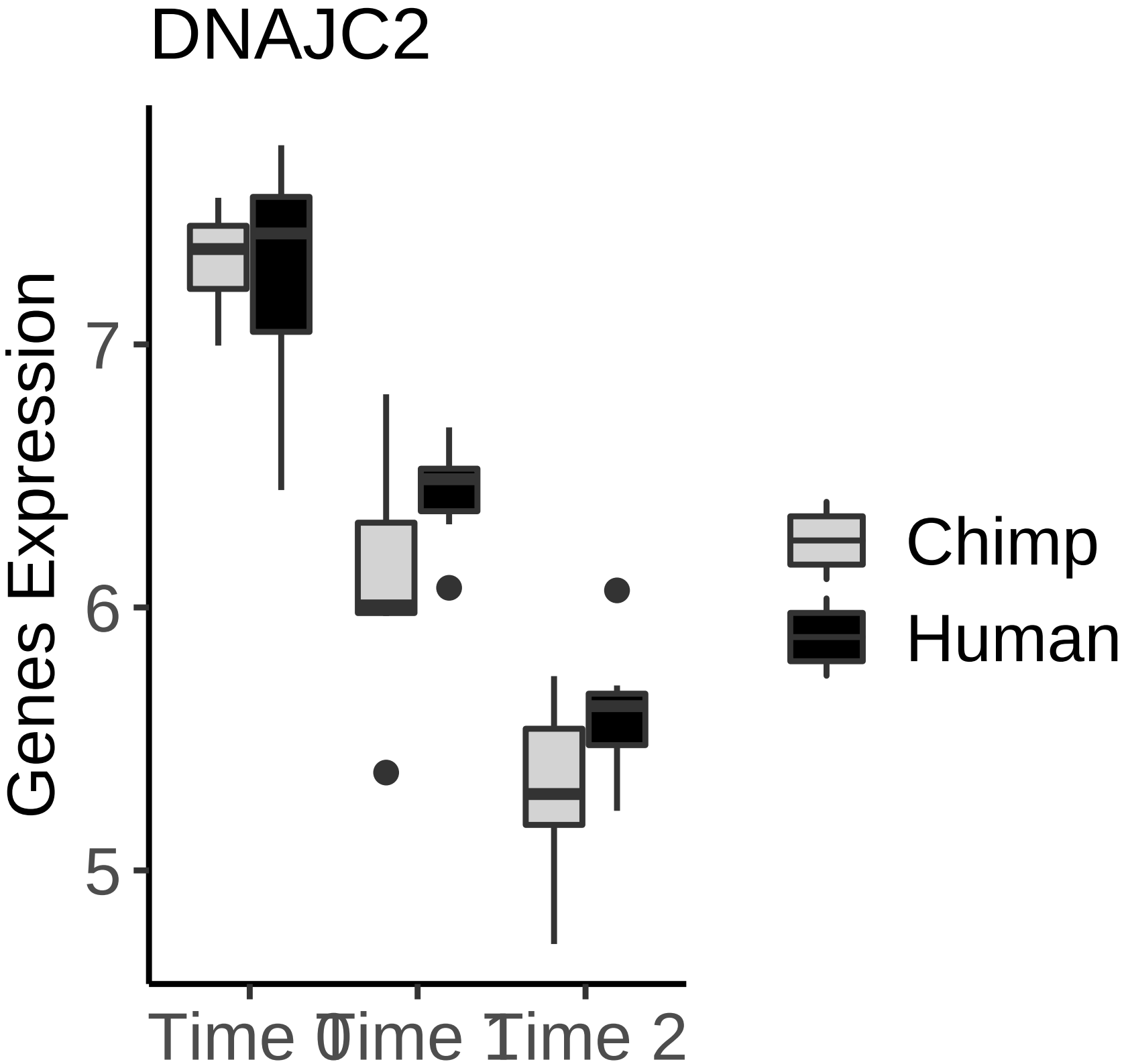
DNAJC2
Genes Expression
7
6
5
Time 0
Time 1
Time 2
Chimp
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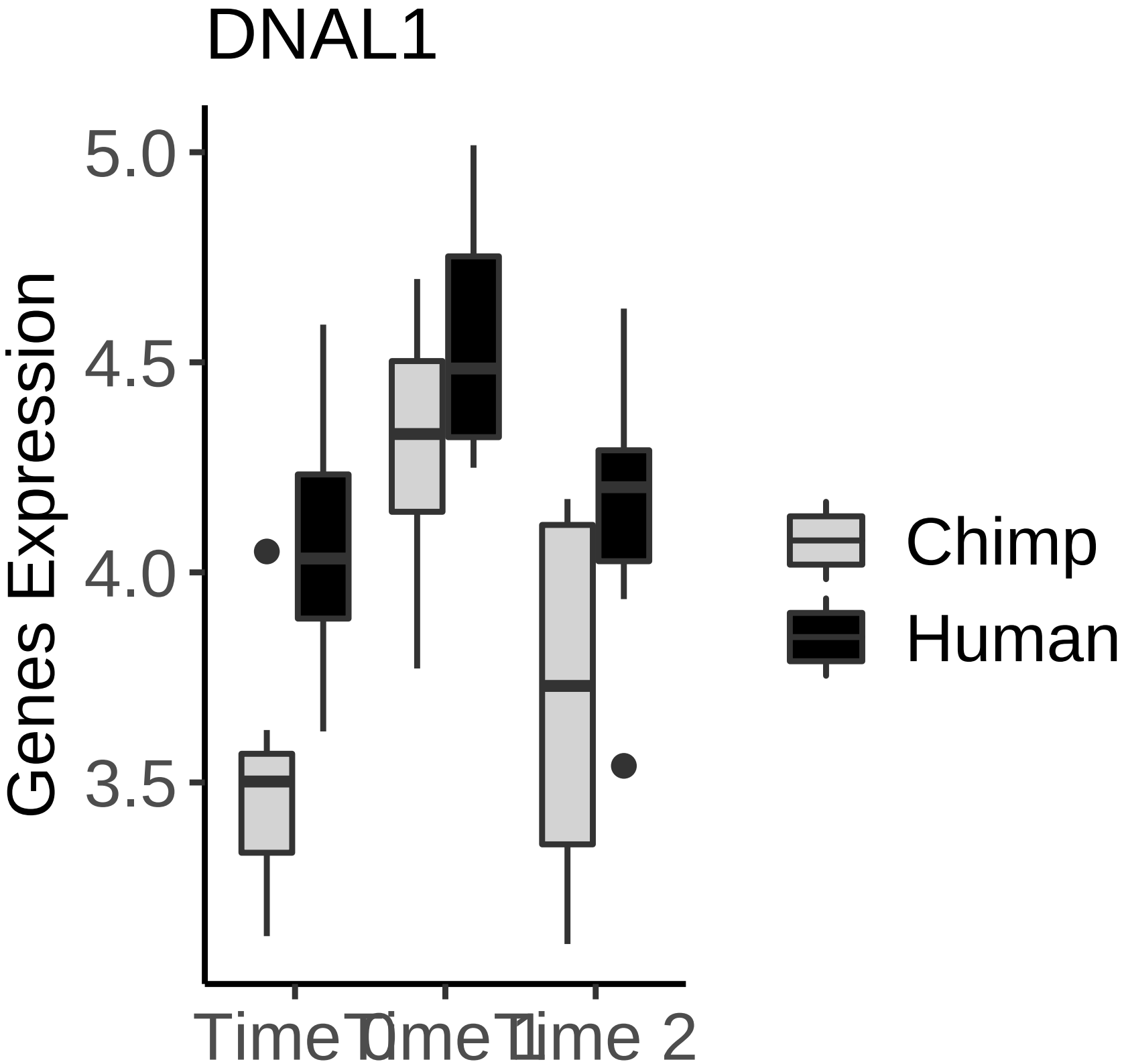
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Genes Expression
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4.0
3.5
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Time 1
Time 2
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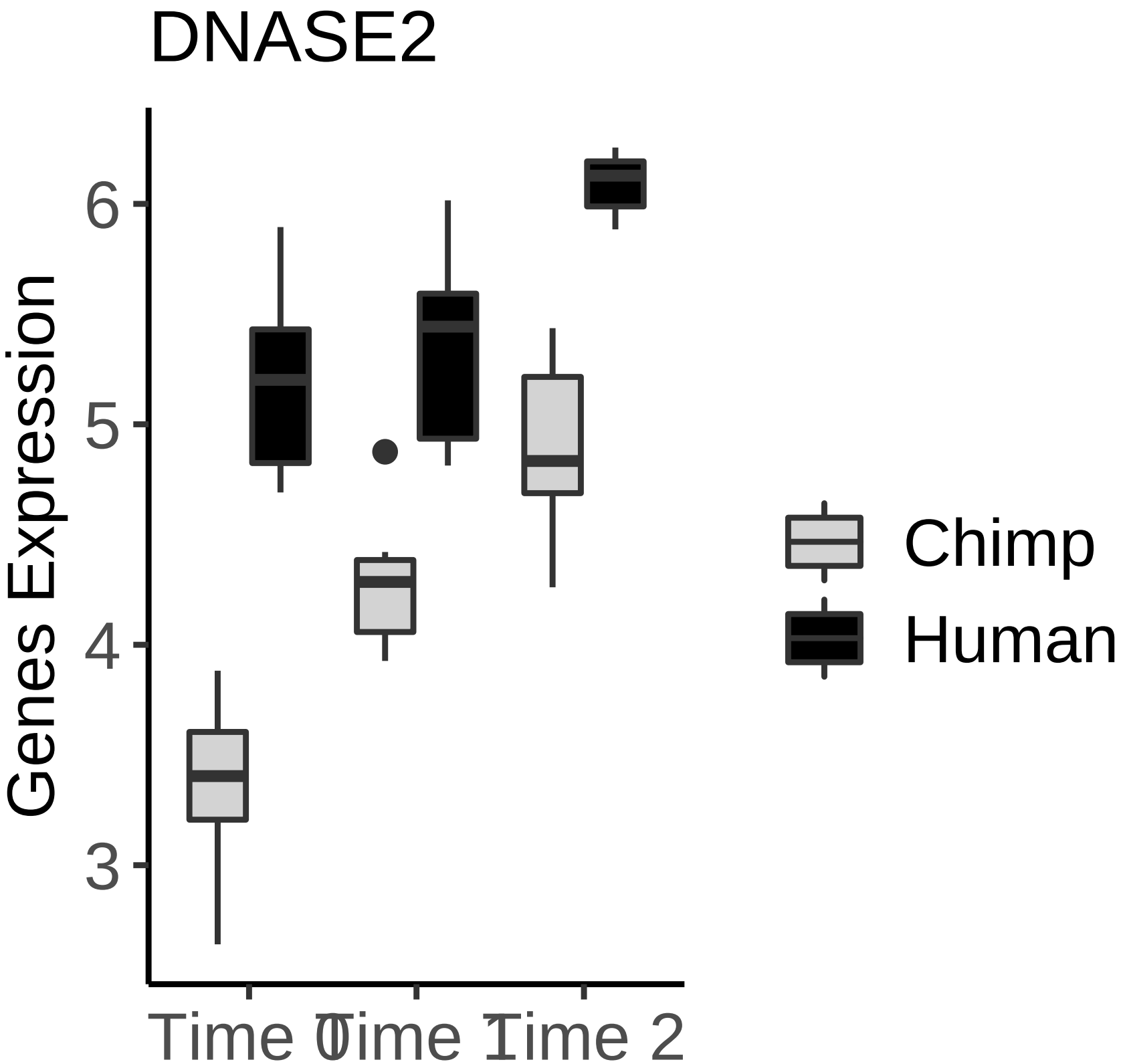
DNASE2
Genes Expression
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4
3
Time 0
Time 1
Time 2
Chimp
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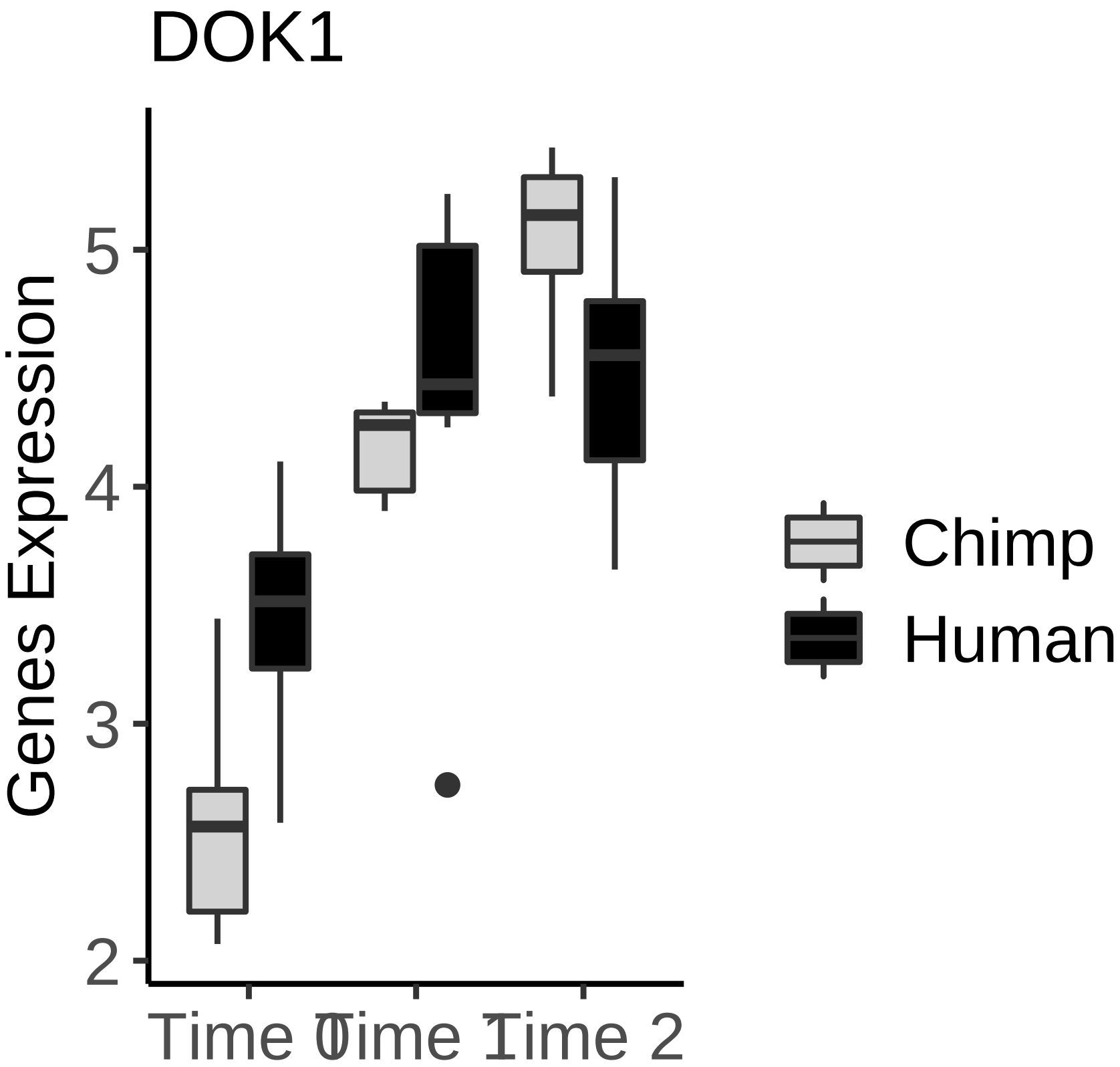
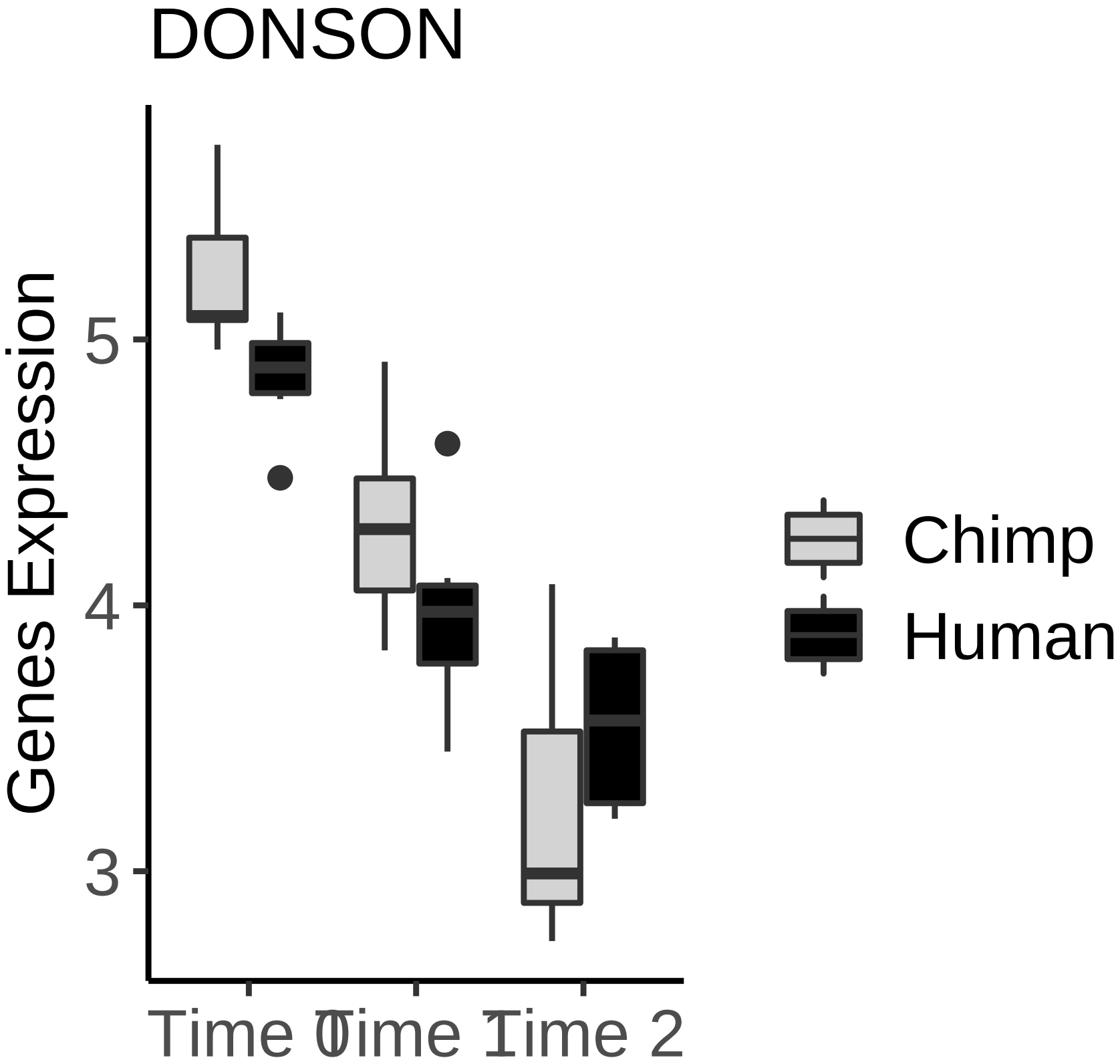
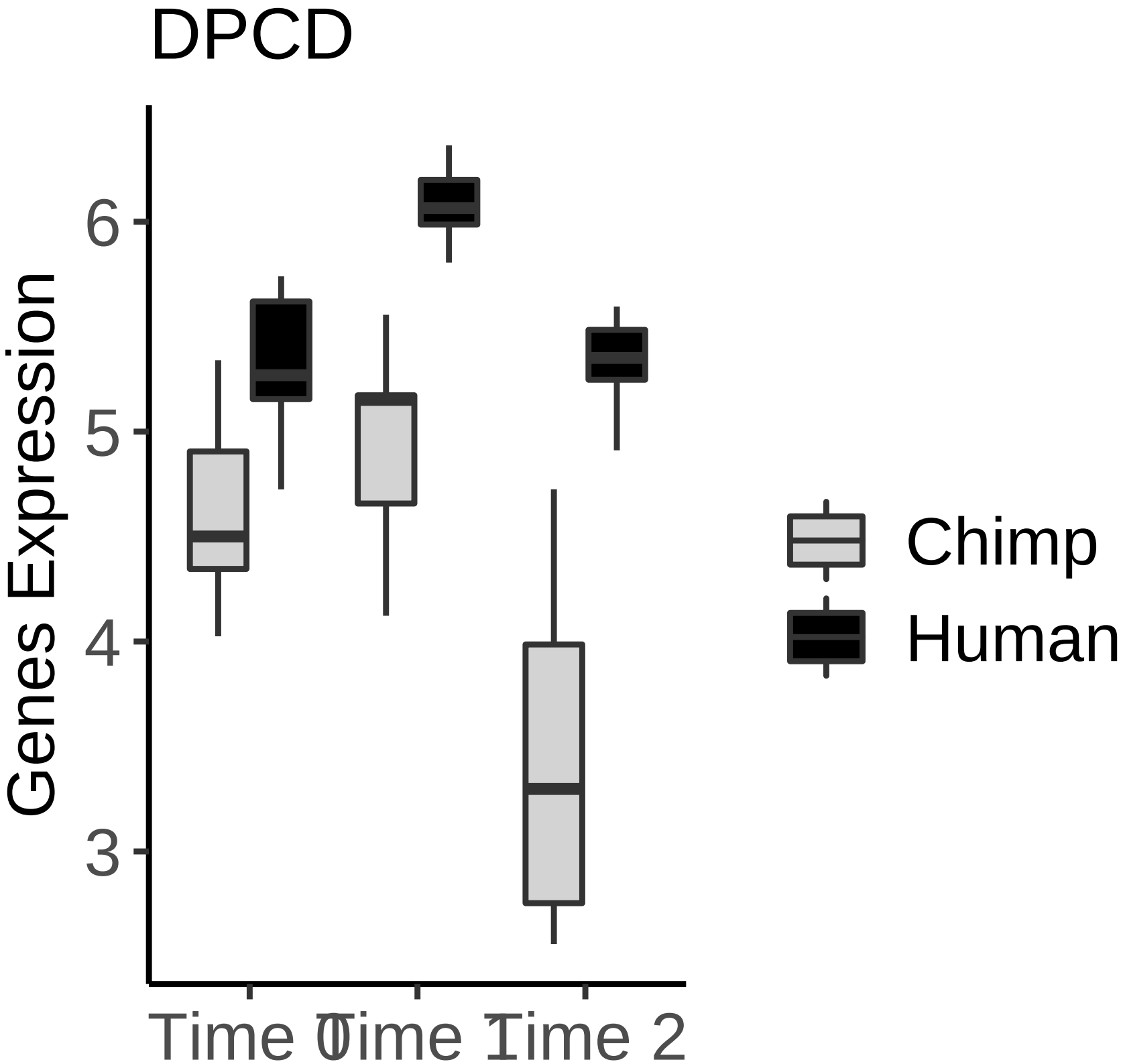

DOK1
Genes Expression
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human


DONSON
Genes Expression
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


DPCD
Genes Expression
6
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4
3
Time 0
Time 1
Time 2
Chimp
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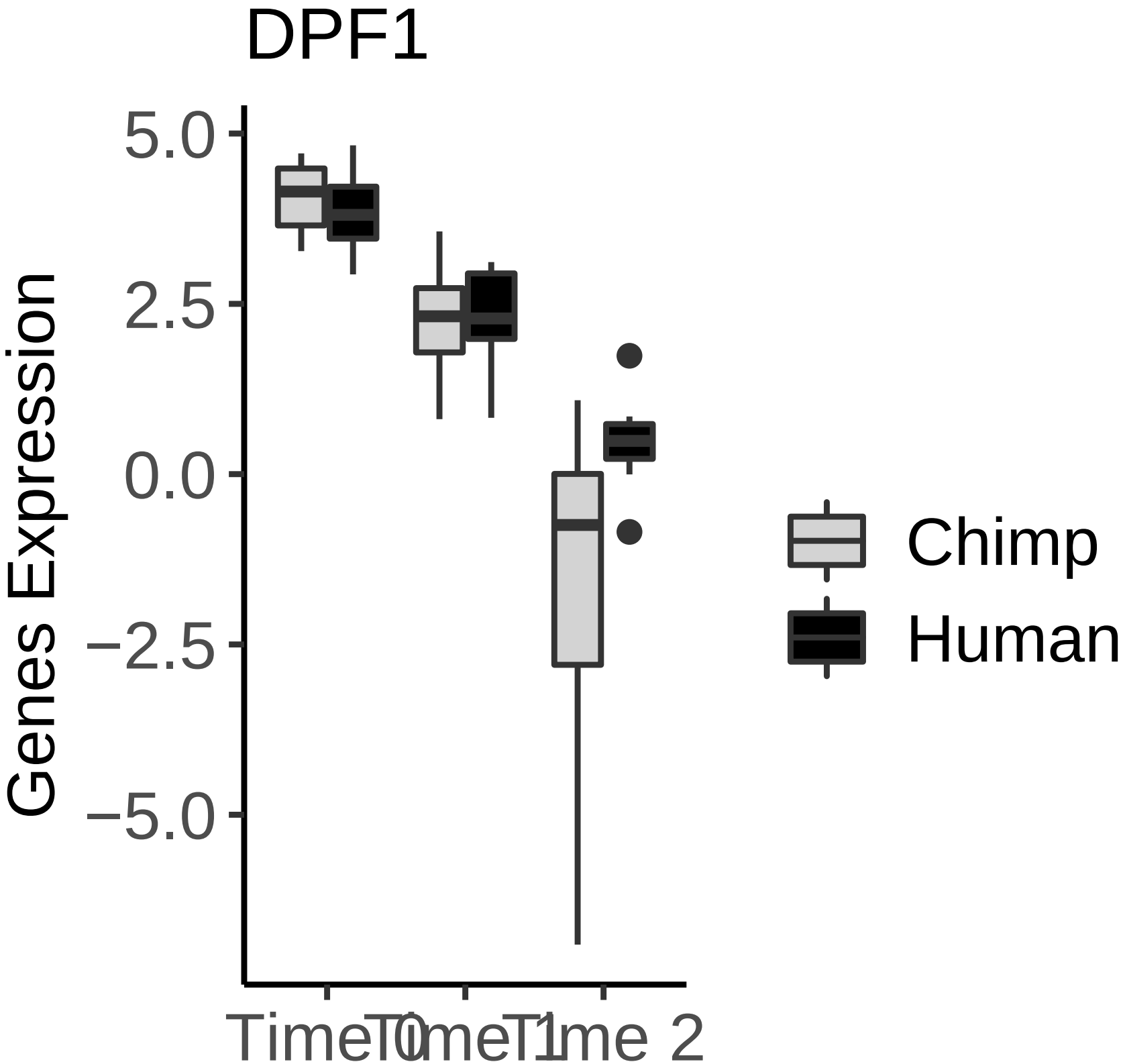
DPF1
Genes Expression
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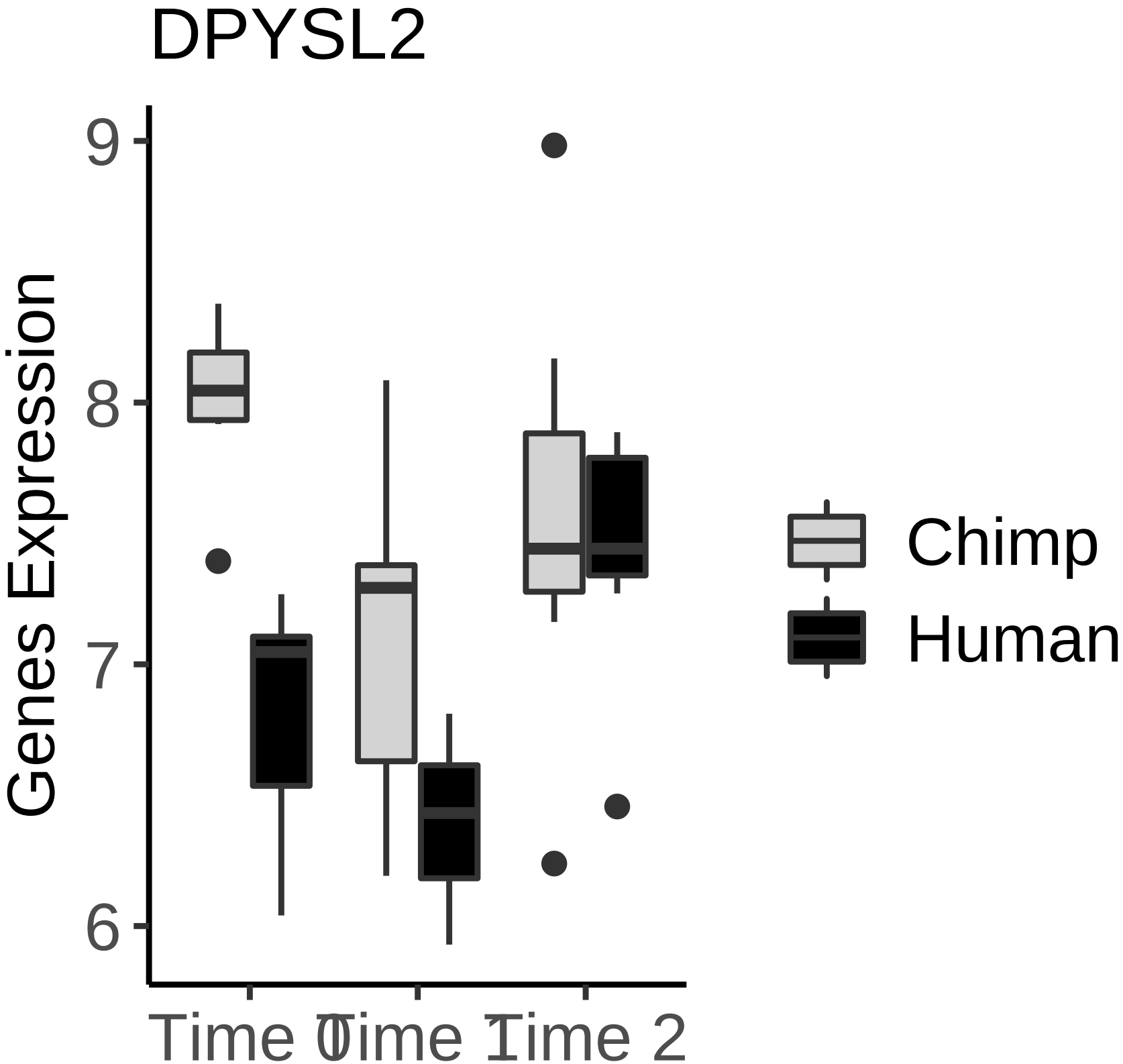
−5.0
Time 0
Time 1
Time 2
Chimp
Human


DPYSL2
Genes Expression
9
8
7
6
Time 0
Time 1
Time 2
Chimp
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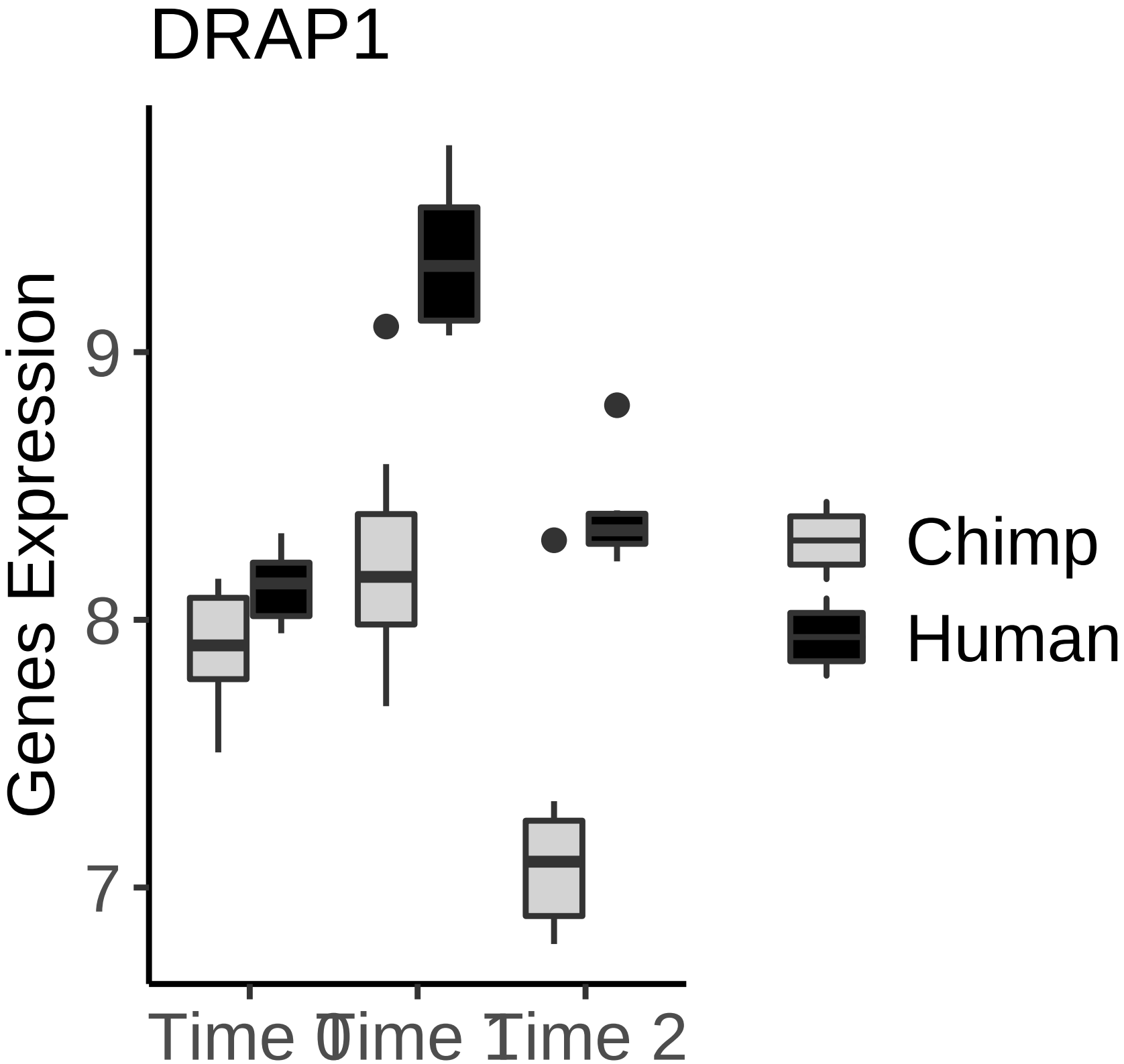
DRAP1
Genes Expression
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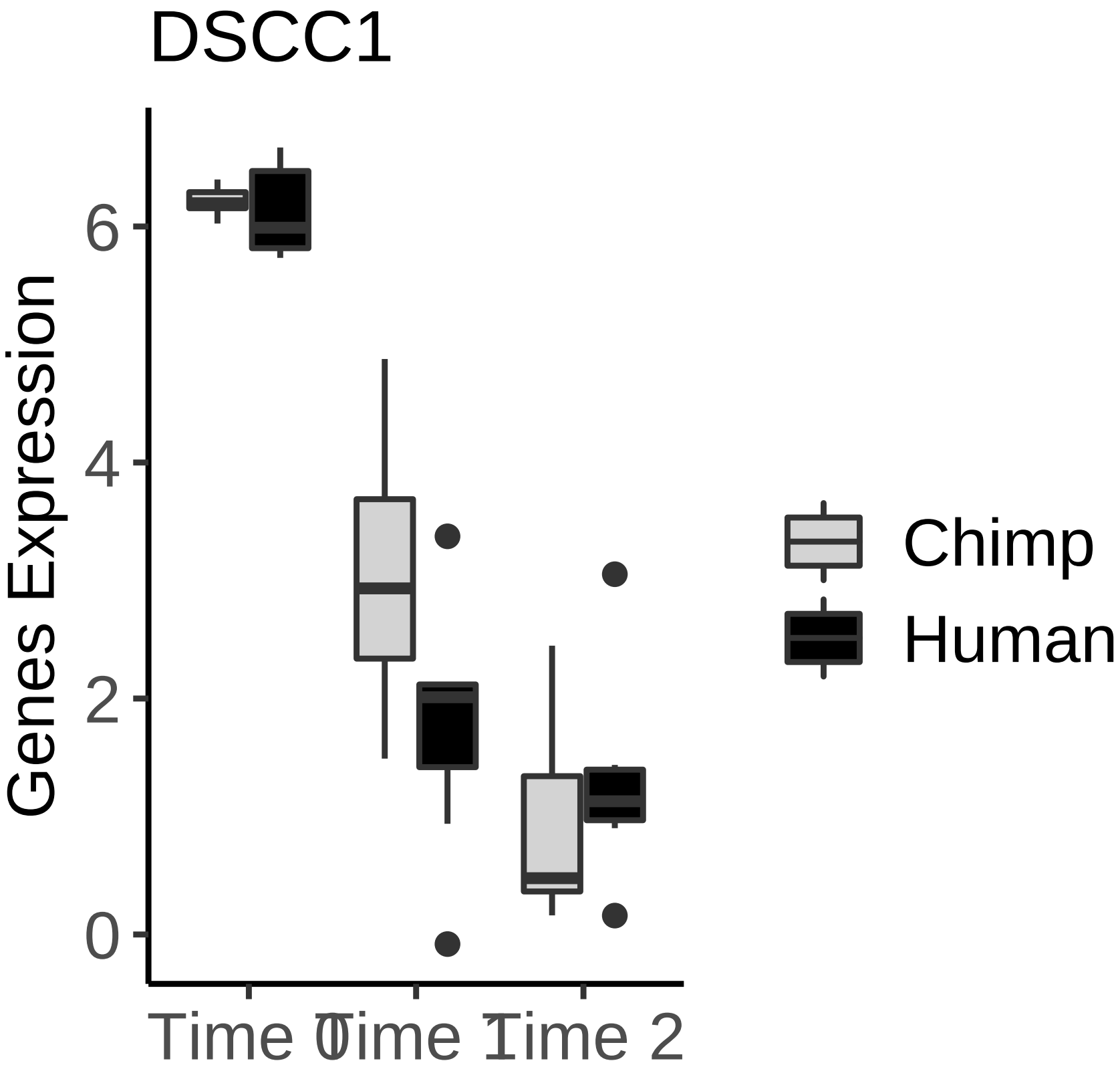
8
7
Time 0
Time 1
Time 2
Chimp
Human


DSCC1
Genes Expression
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Time 2
Chimp
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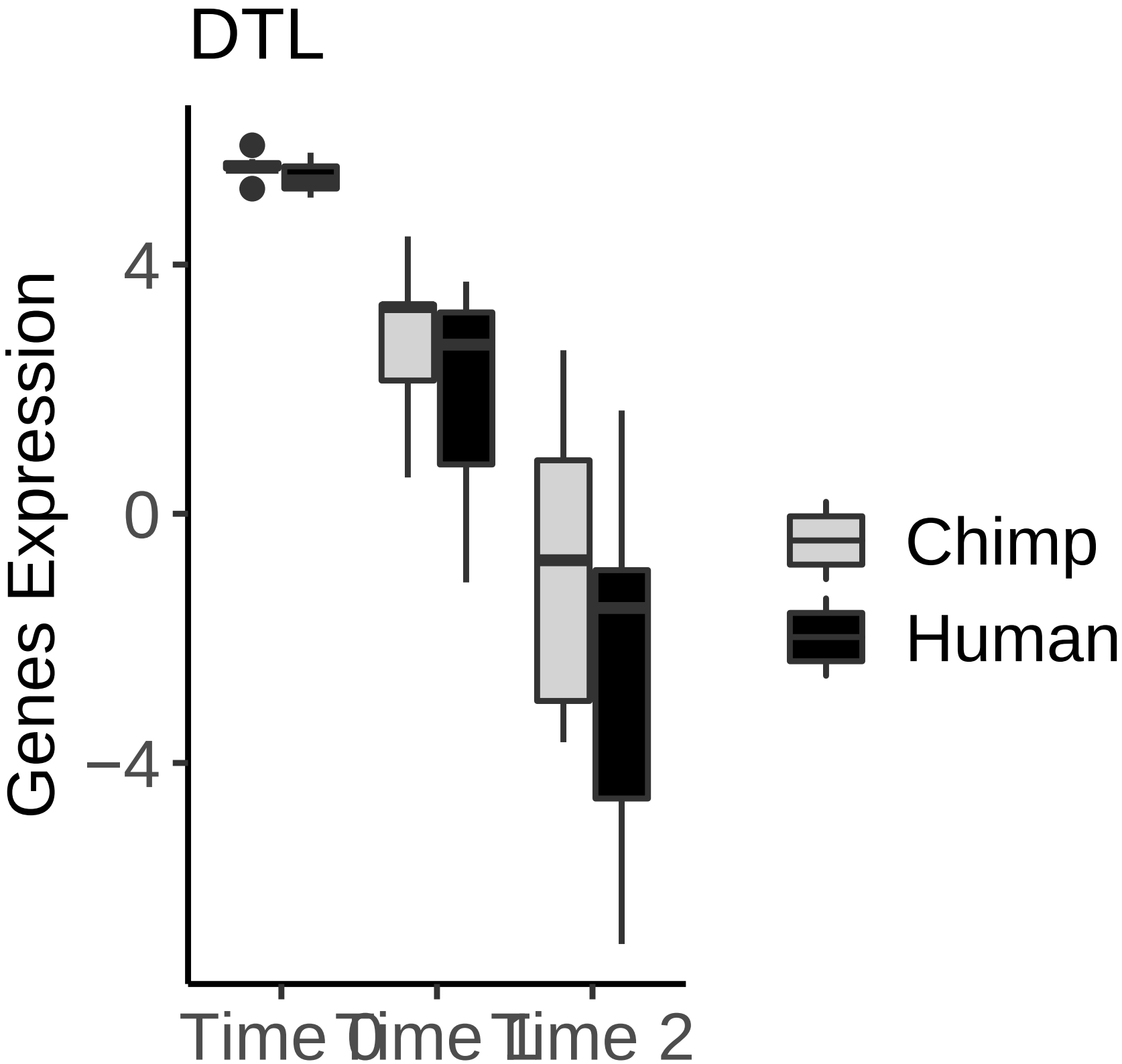
DTL
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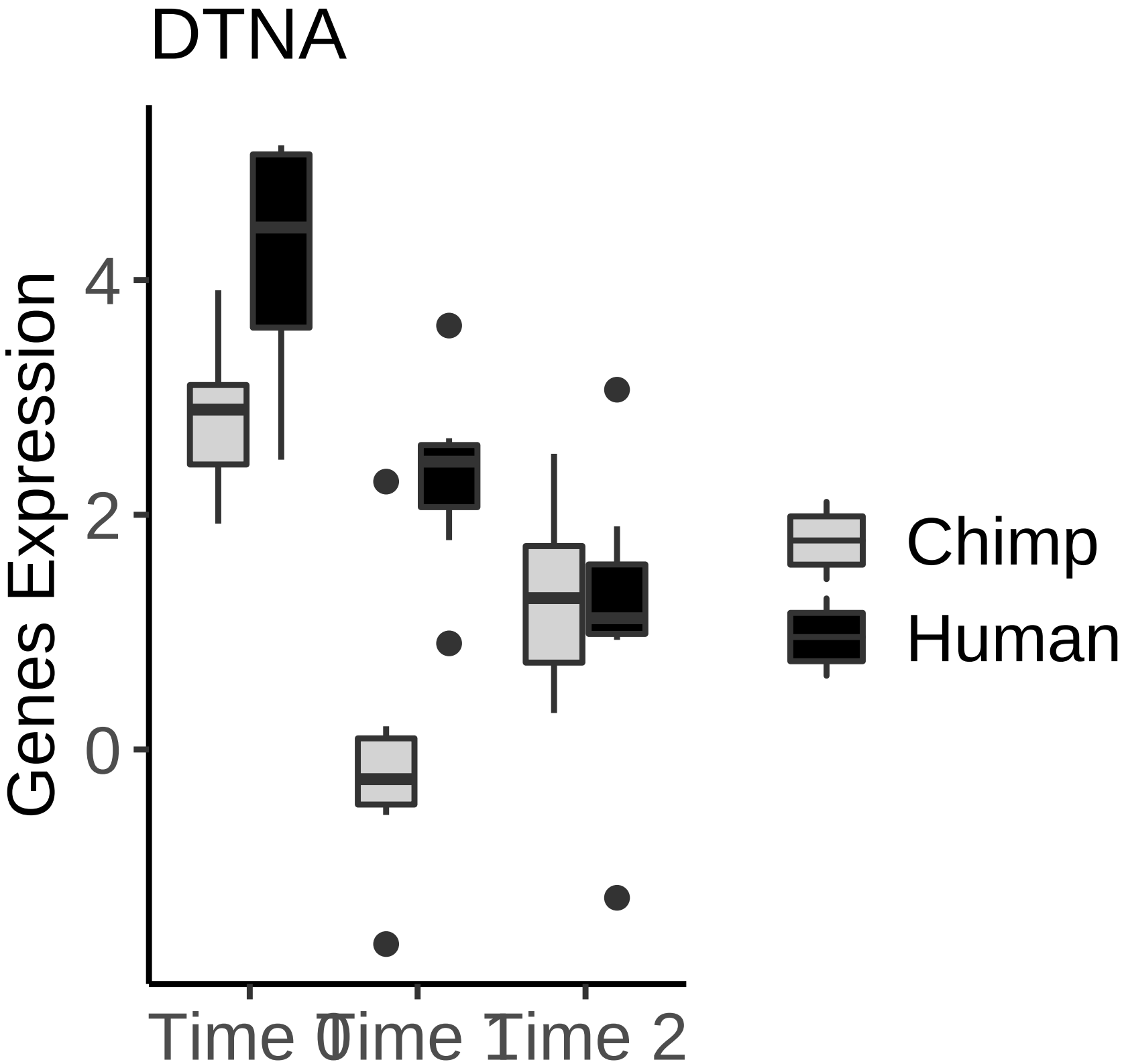
Time 1
Time 2
Chimp
Human


DTNA
Genes Expression
4
2
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Time 0
Time 1
Time 2
Chimp
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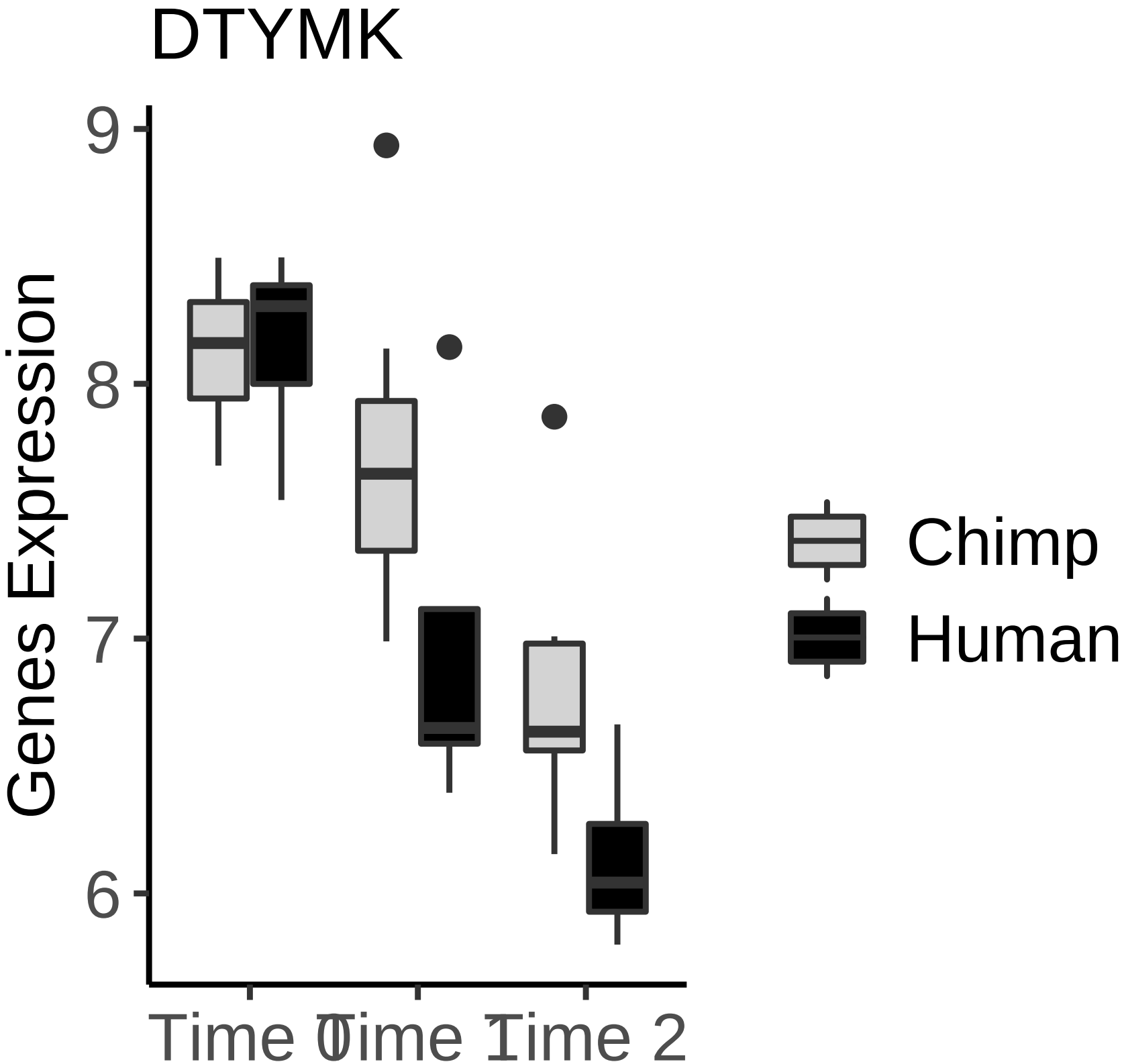
DTYMK
Genes Expression
9
8
7
6
Time 0
Time 1
Time 2
Chimp
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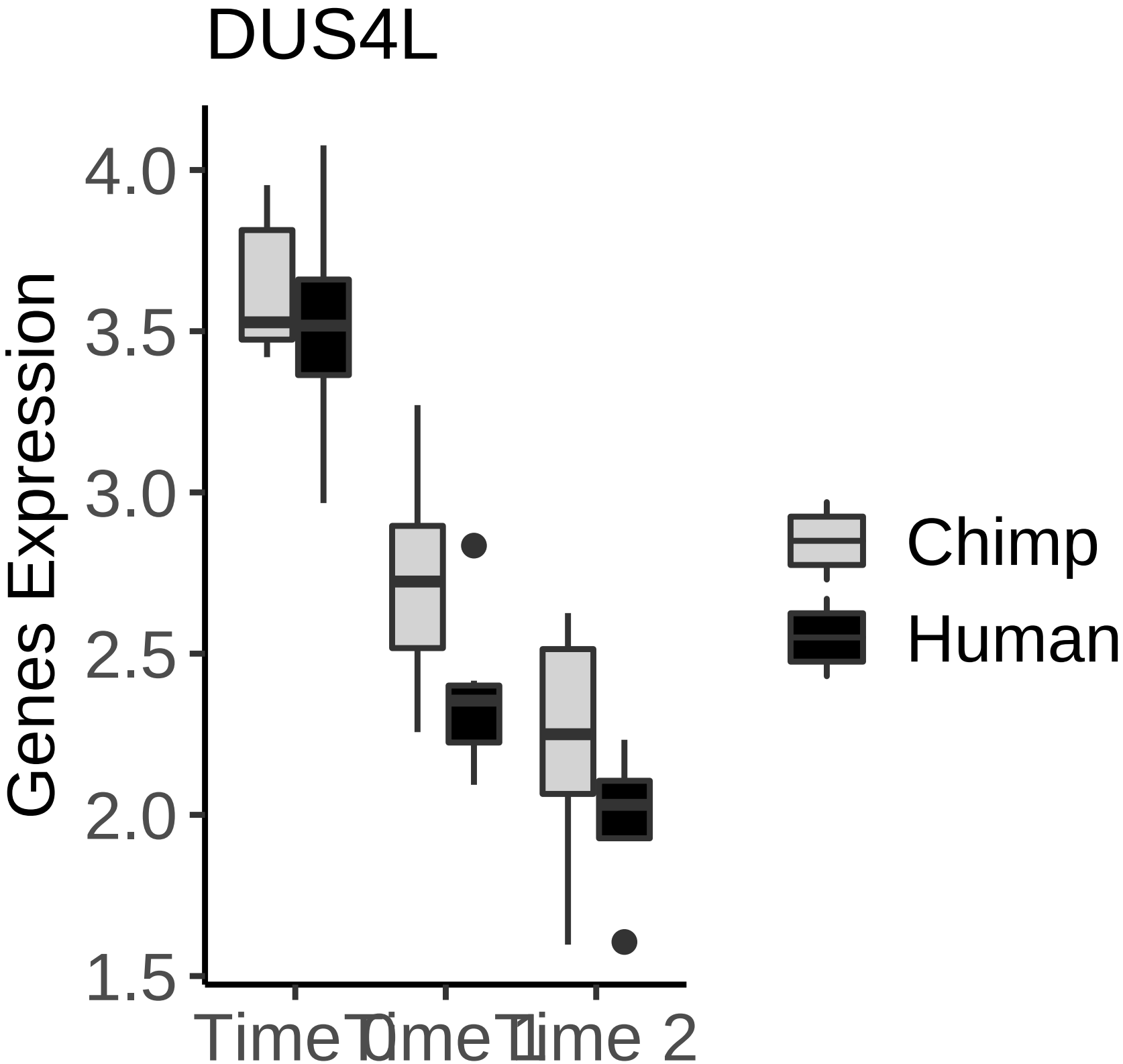
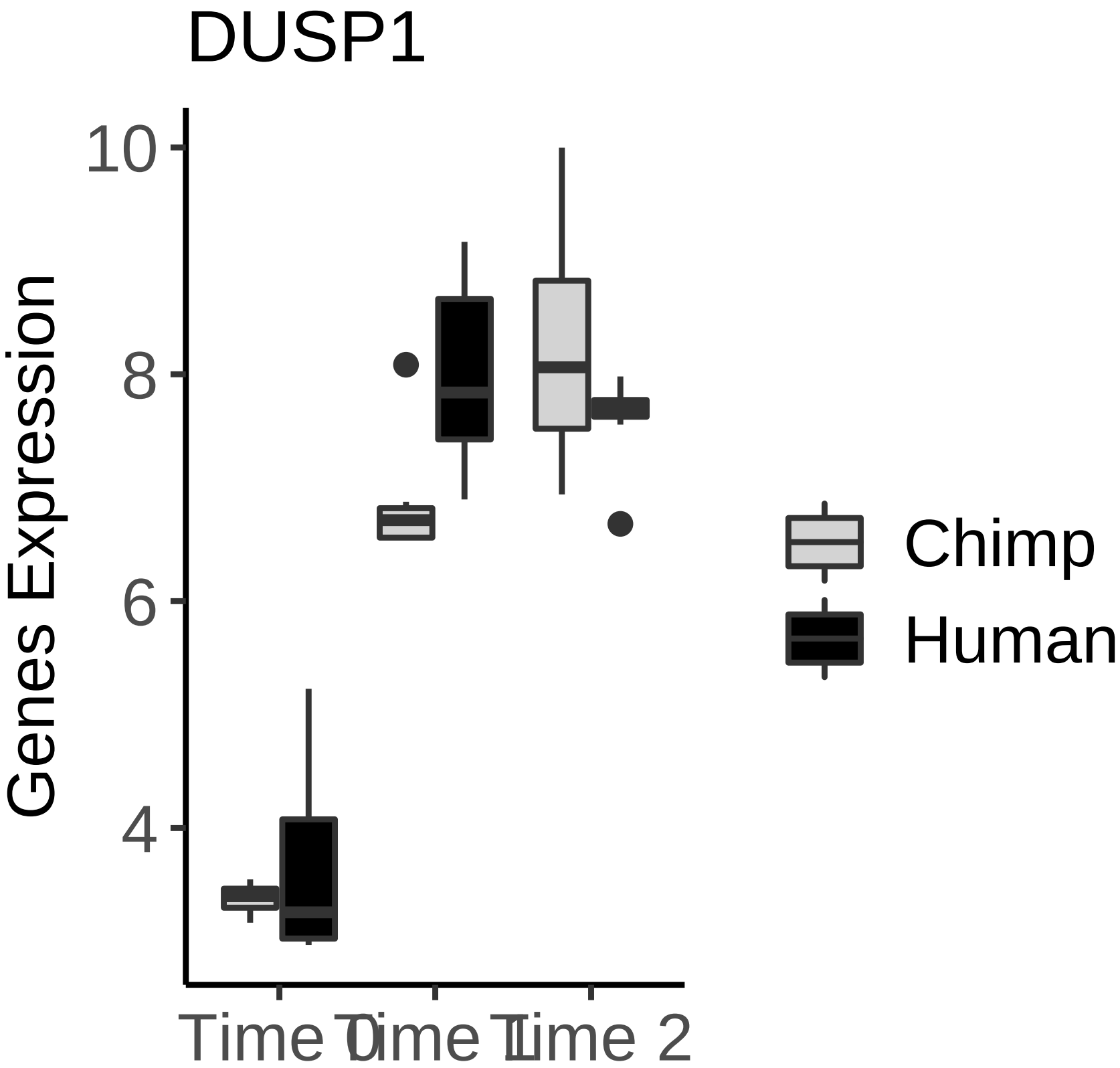

DUS4L
Genes Expression
4.0
3.5
3.0
2.5
2.0
1.5
Time 0
Time 1
Time 2
Chimp
Human


DUSP1
Genes Expression
10
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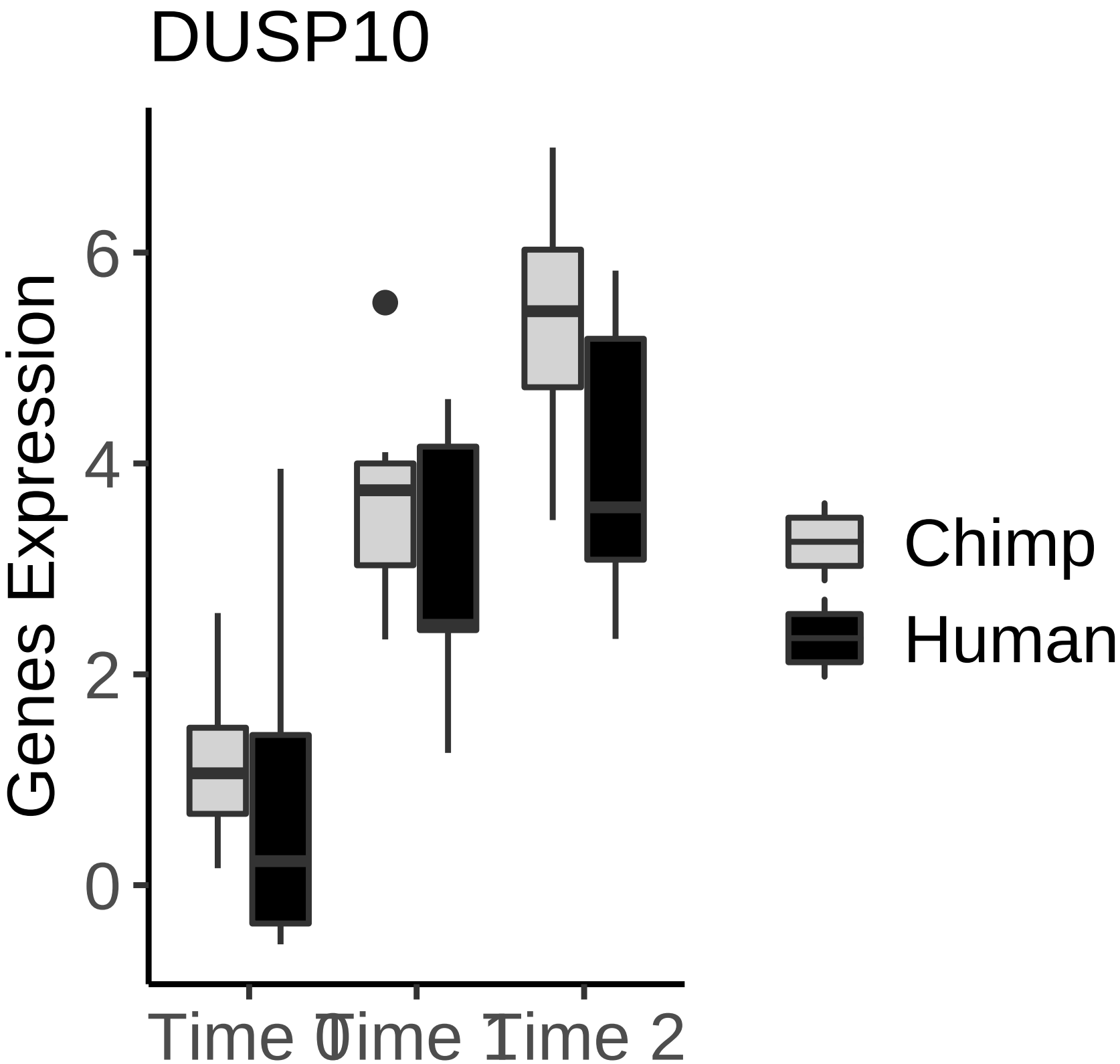
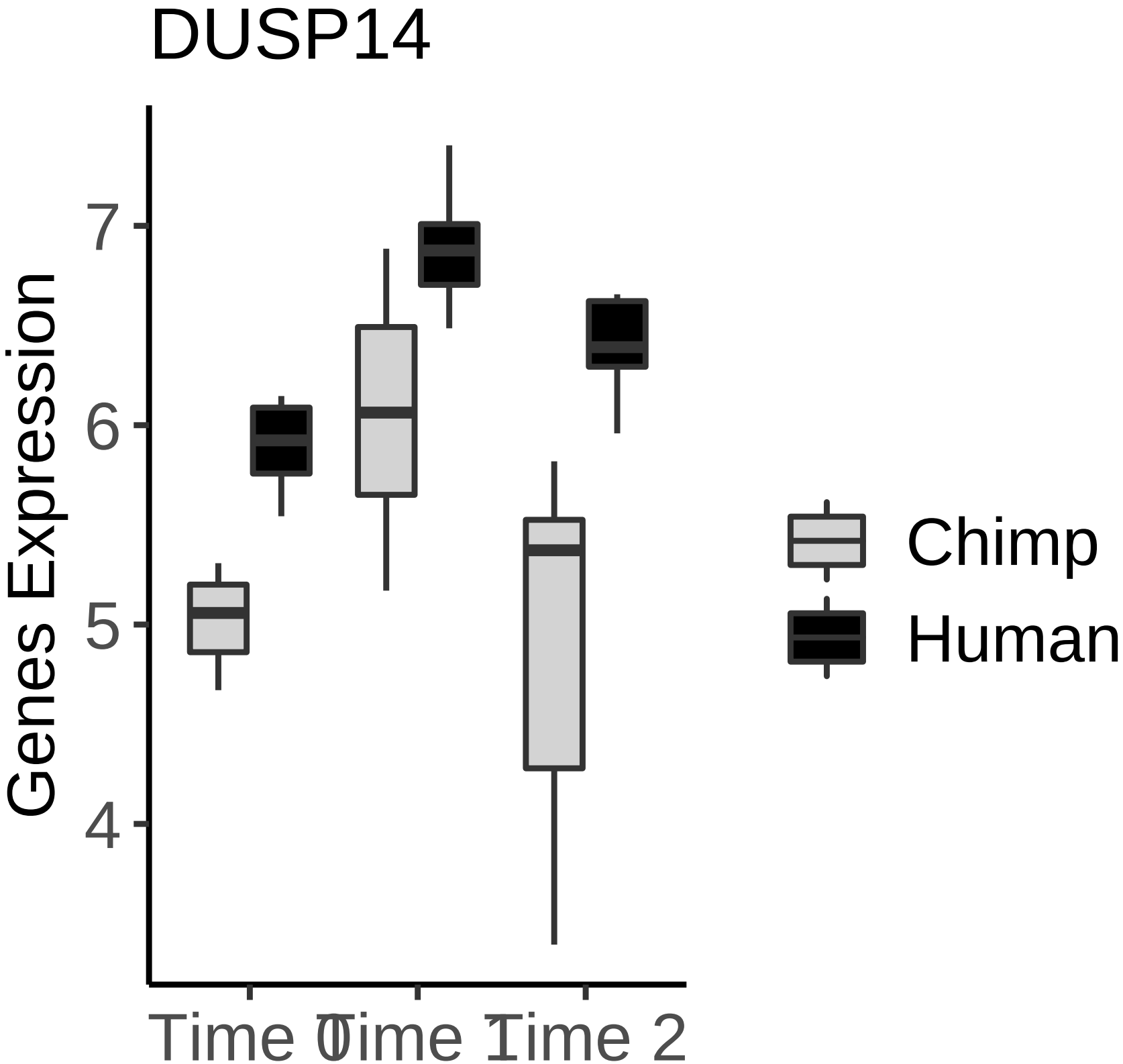
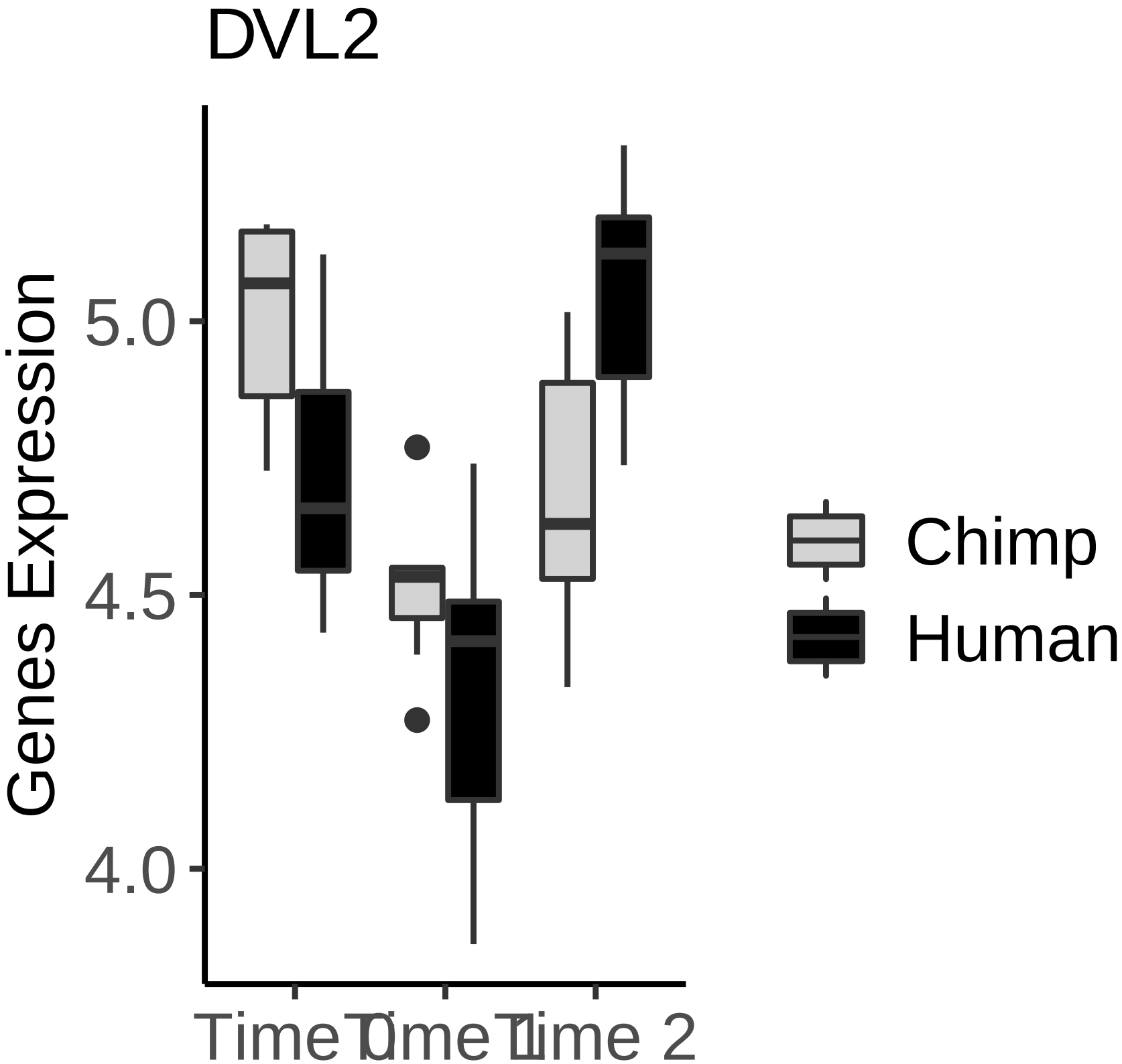
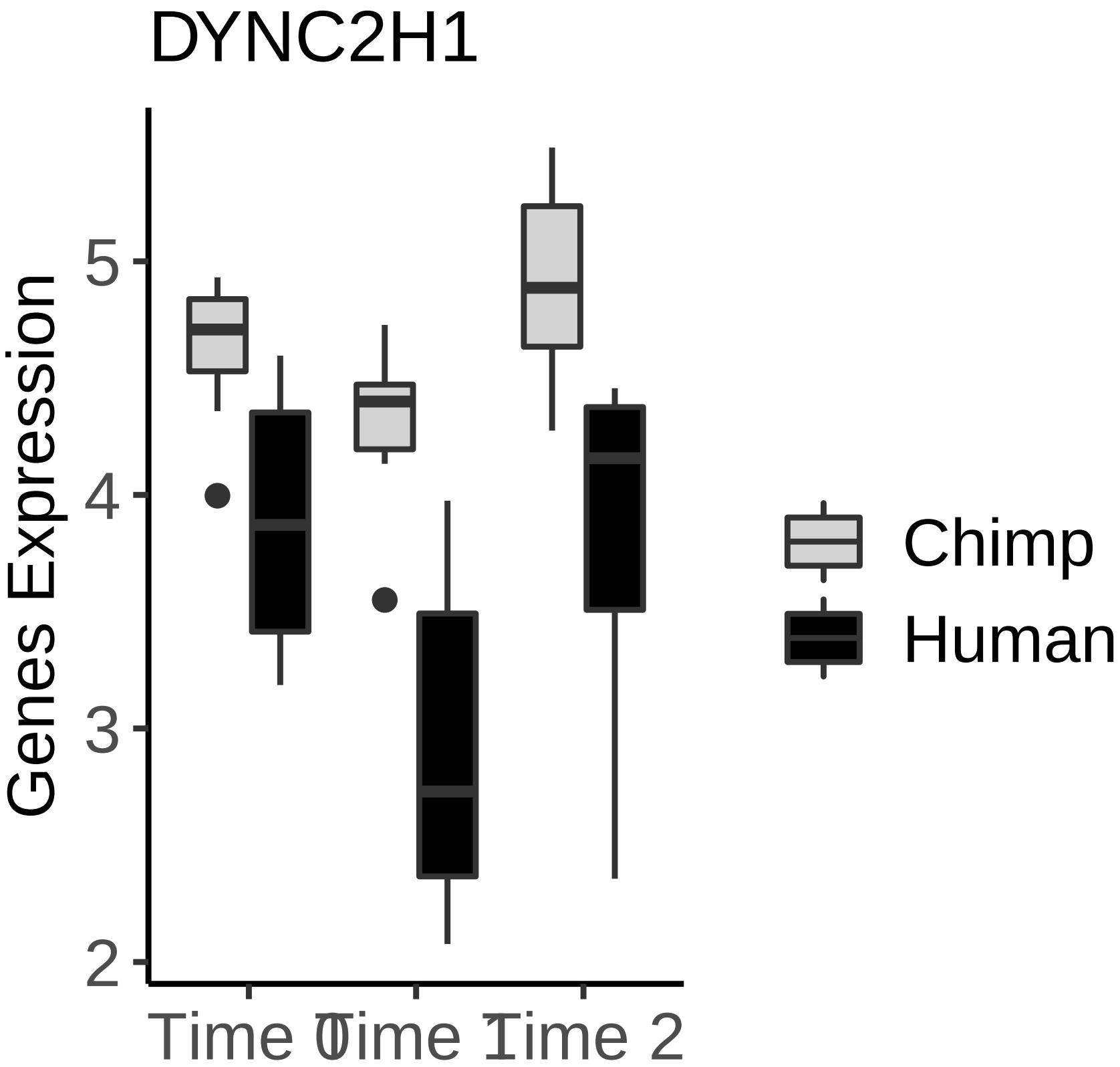
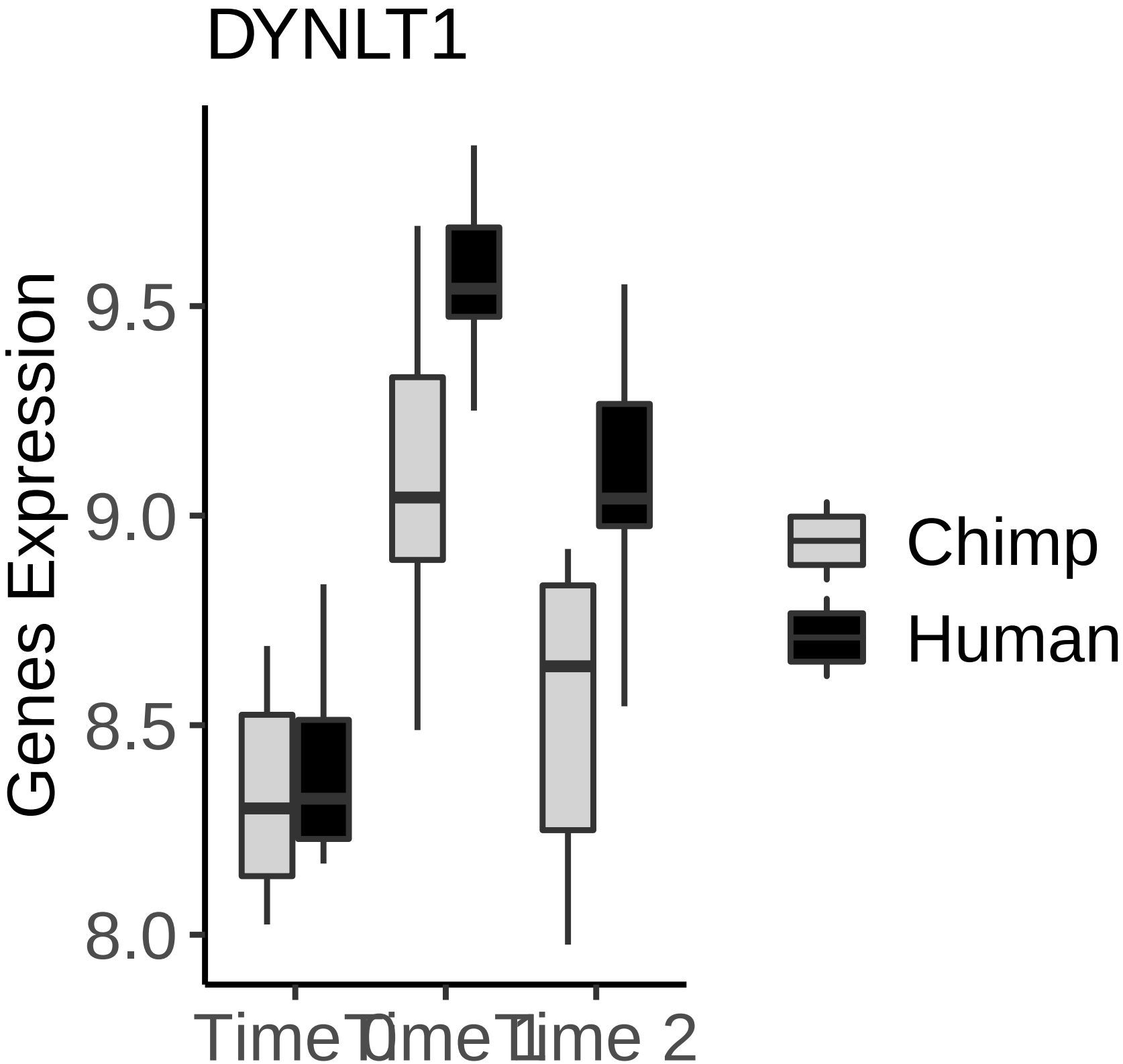
6
4
Time 0
Time 1
Time 2
Chimp
Human


DUSP10
Genes Expression
6
4
2
0
Time 0
Time 1
Time 2
Chimp
Human


DUSP14
Genes Expression
7
6
5
4
Time 0
Time 1
Time 2
Chimp
Human


DVL2
Genes Expression
5.0
4.5
4.0
Time 0
Time 1
Time 2
Chimp
Human


DYNC2H1
Genes Expression
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human


DYNLT1
Genes Expression
9.5
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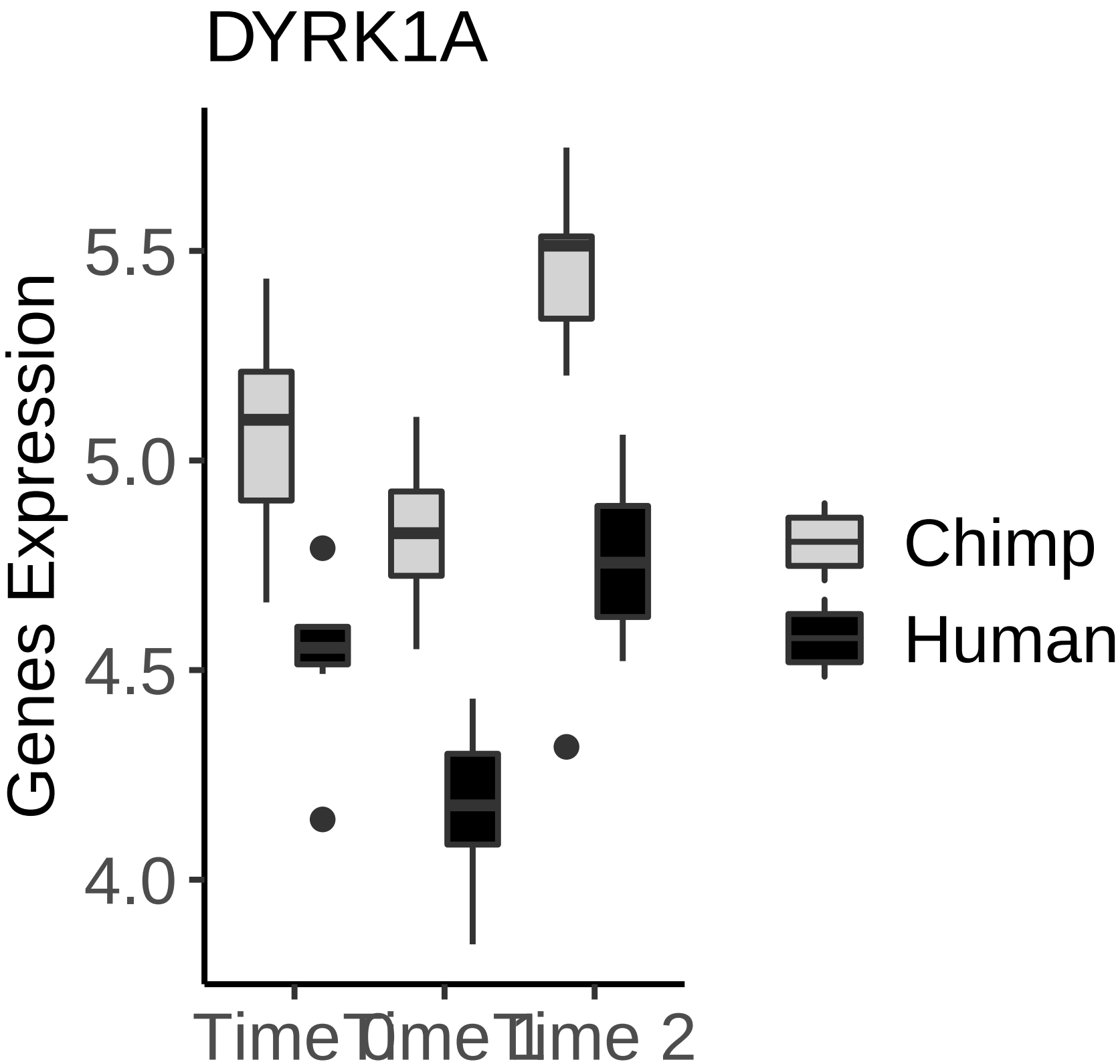
8.5
8.0
Time 0
Time 1
Time 2
Chimp
Human


DYRK1A
Genes Expression
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4.0
Time 0
Time 1
Time 2
Chimp
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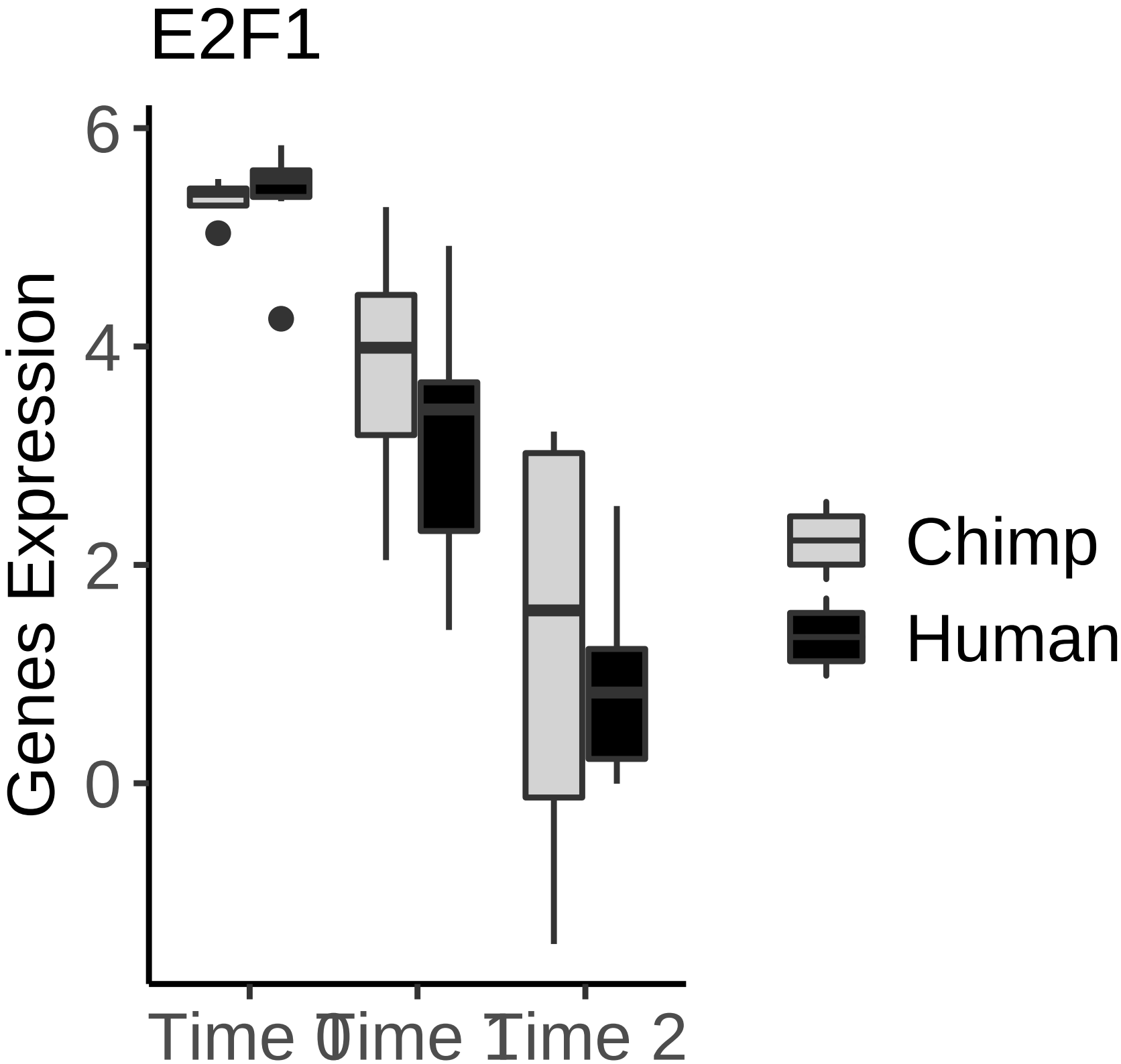
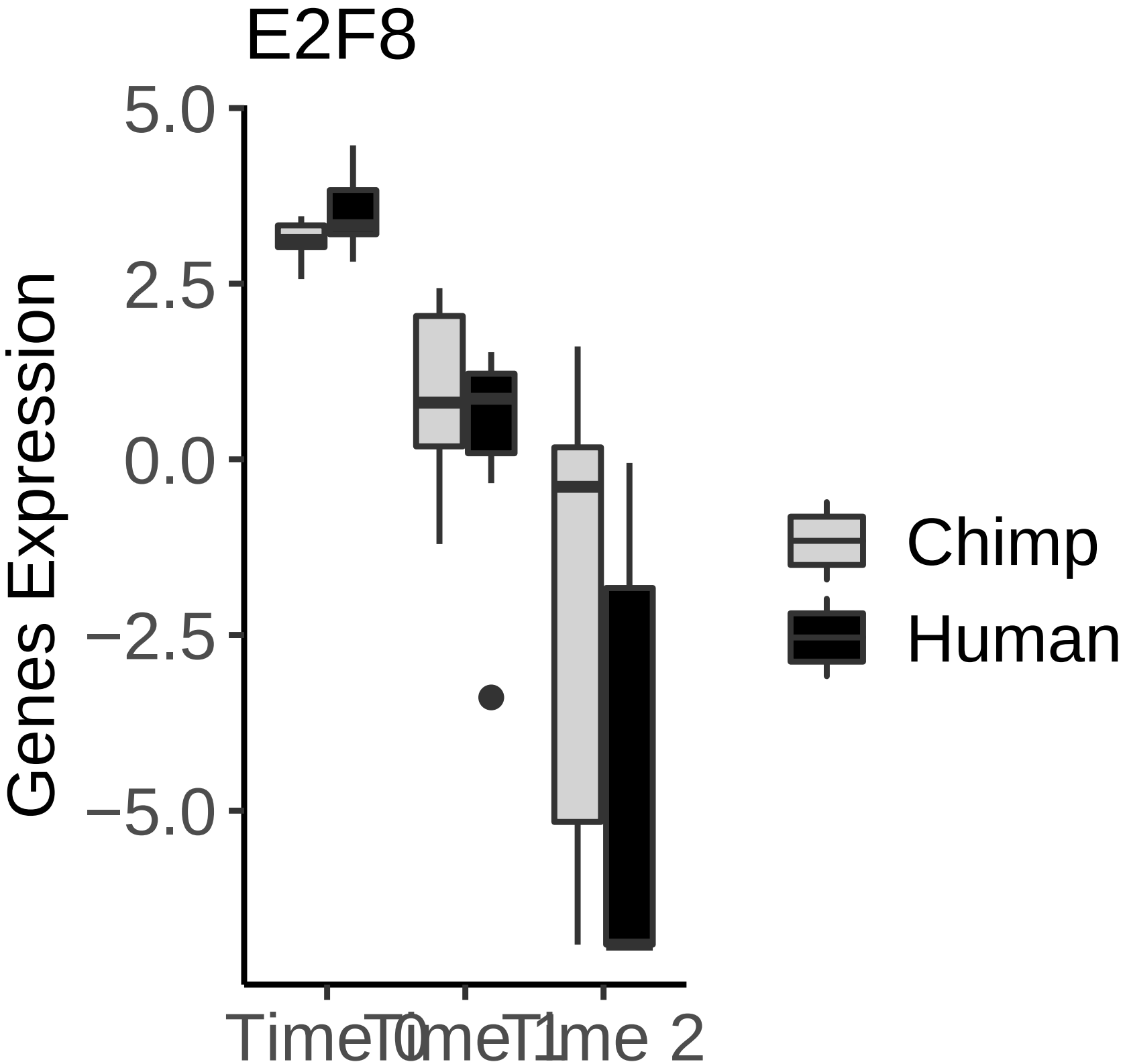

E2F1
Genes Expression
6
4
2
0
Time 0
Time 1
Time 2
Chimp
Human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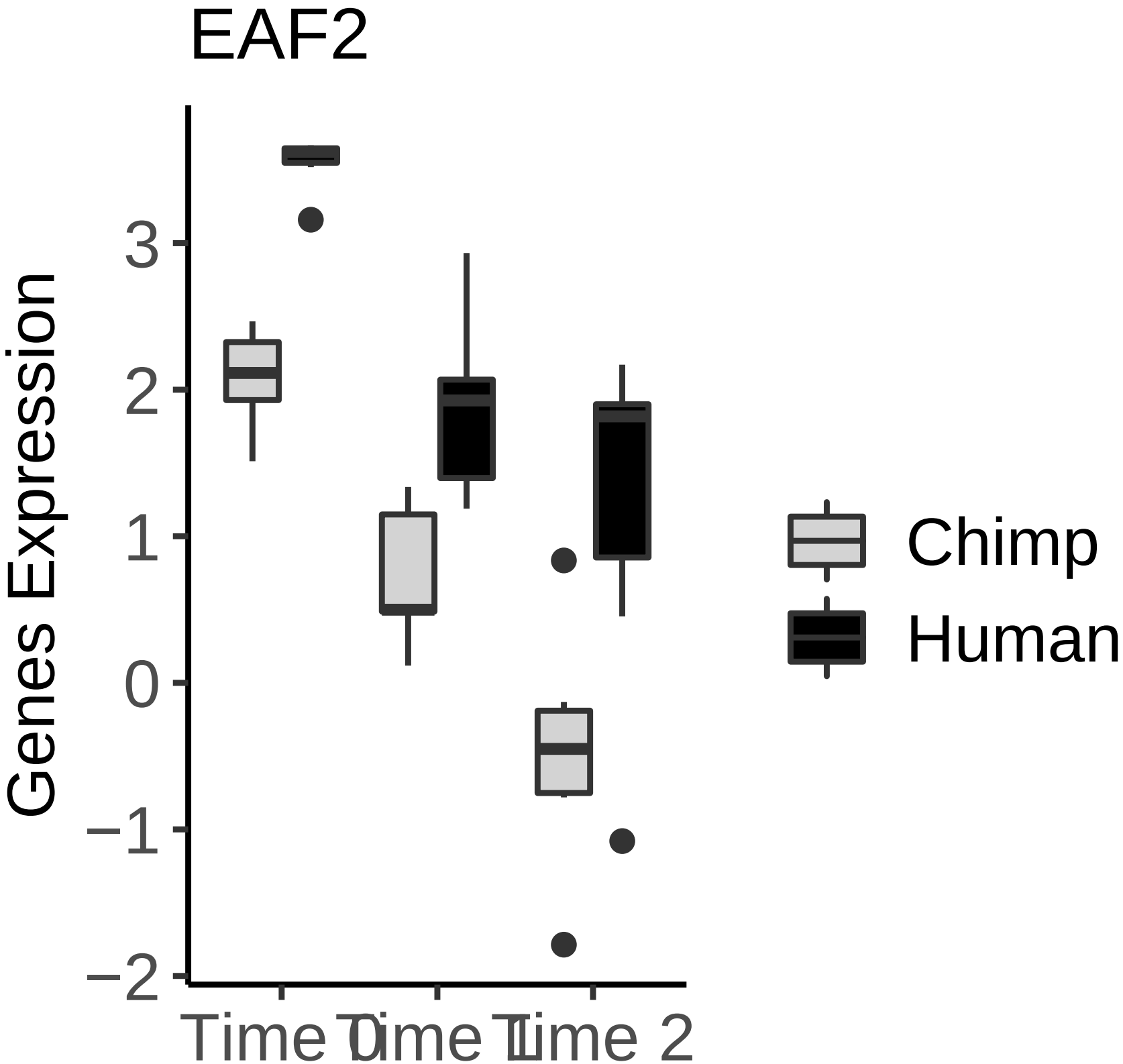
−5.0
Time 0
Time 1
Time 2
Chimp
Human


EAF2
Genes Expression
3
2
1
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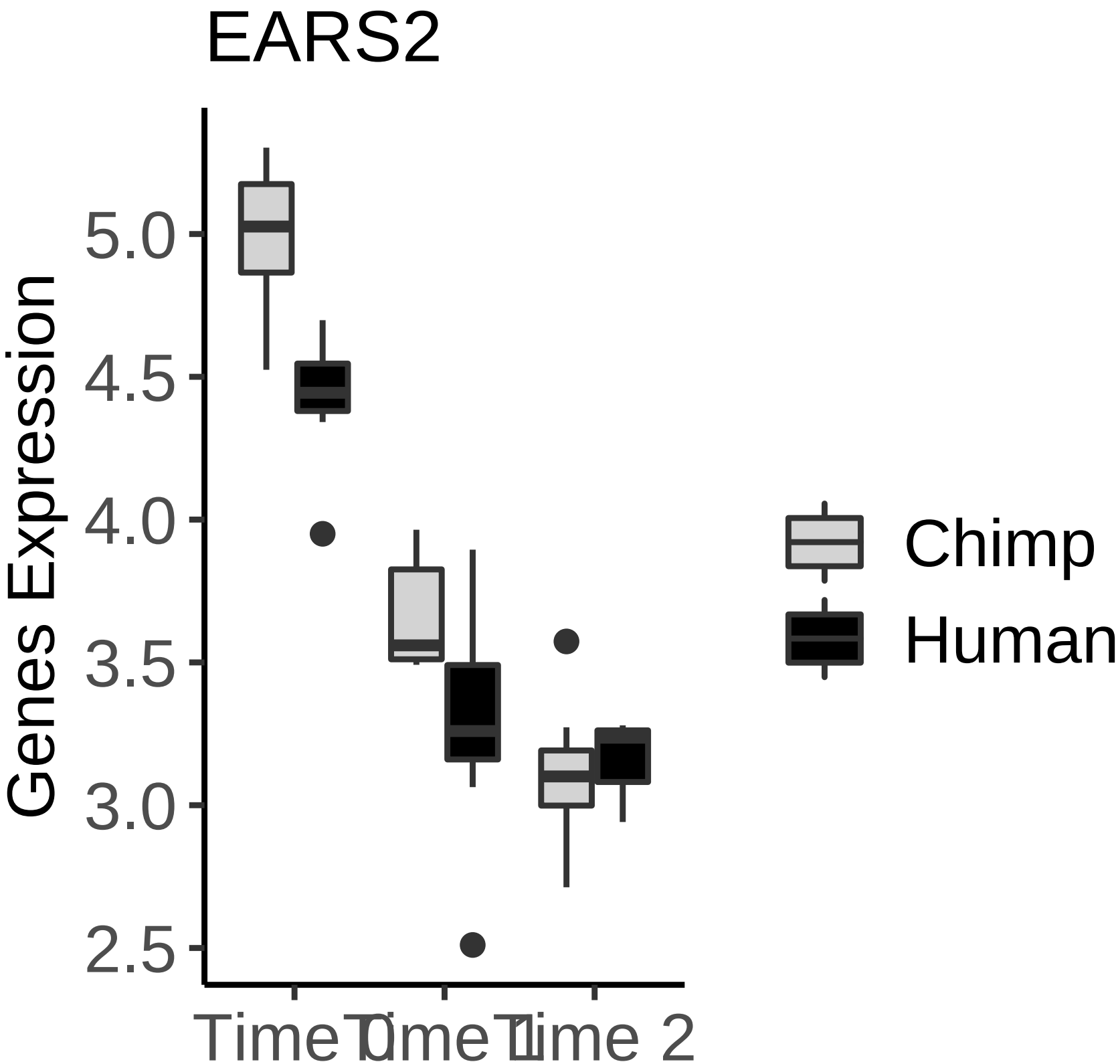
−1
−2
Time 0
Time 1
Time 2
Chimp
Human


EARS2
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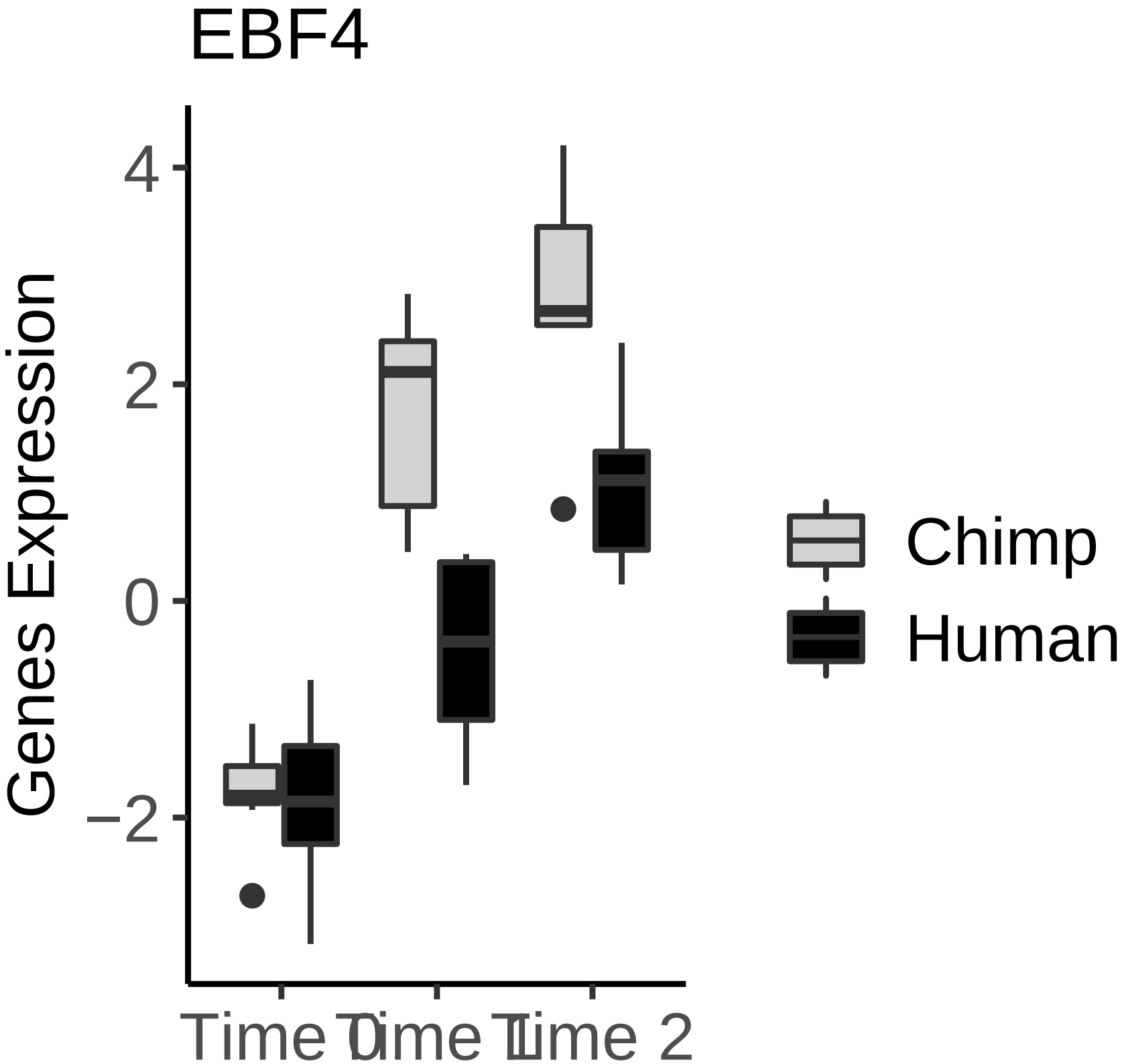
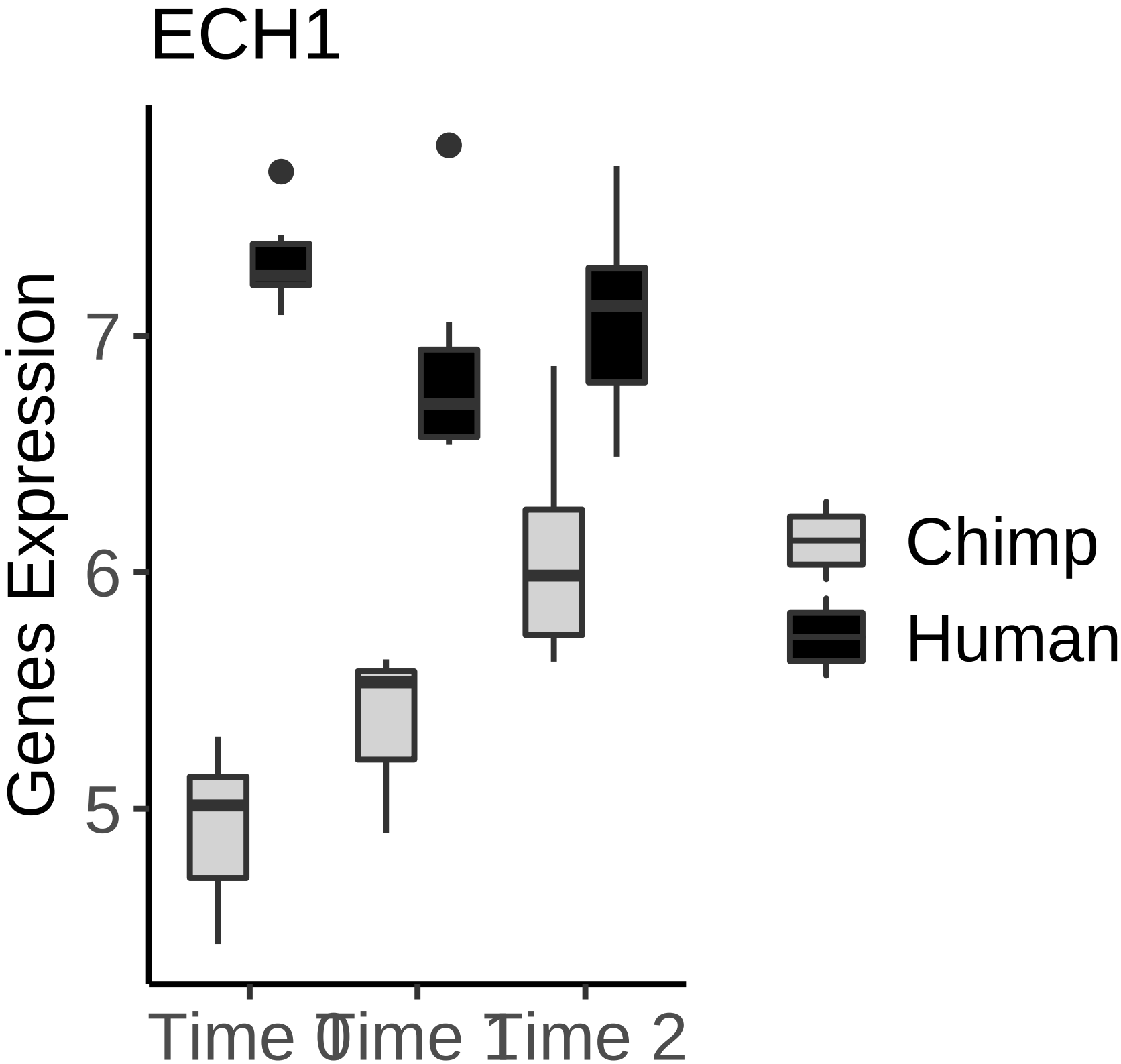
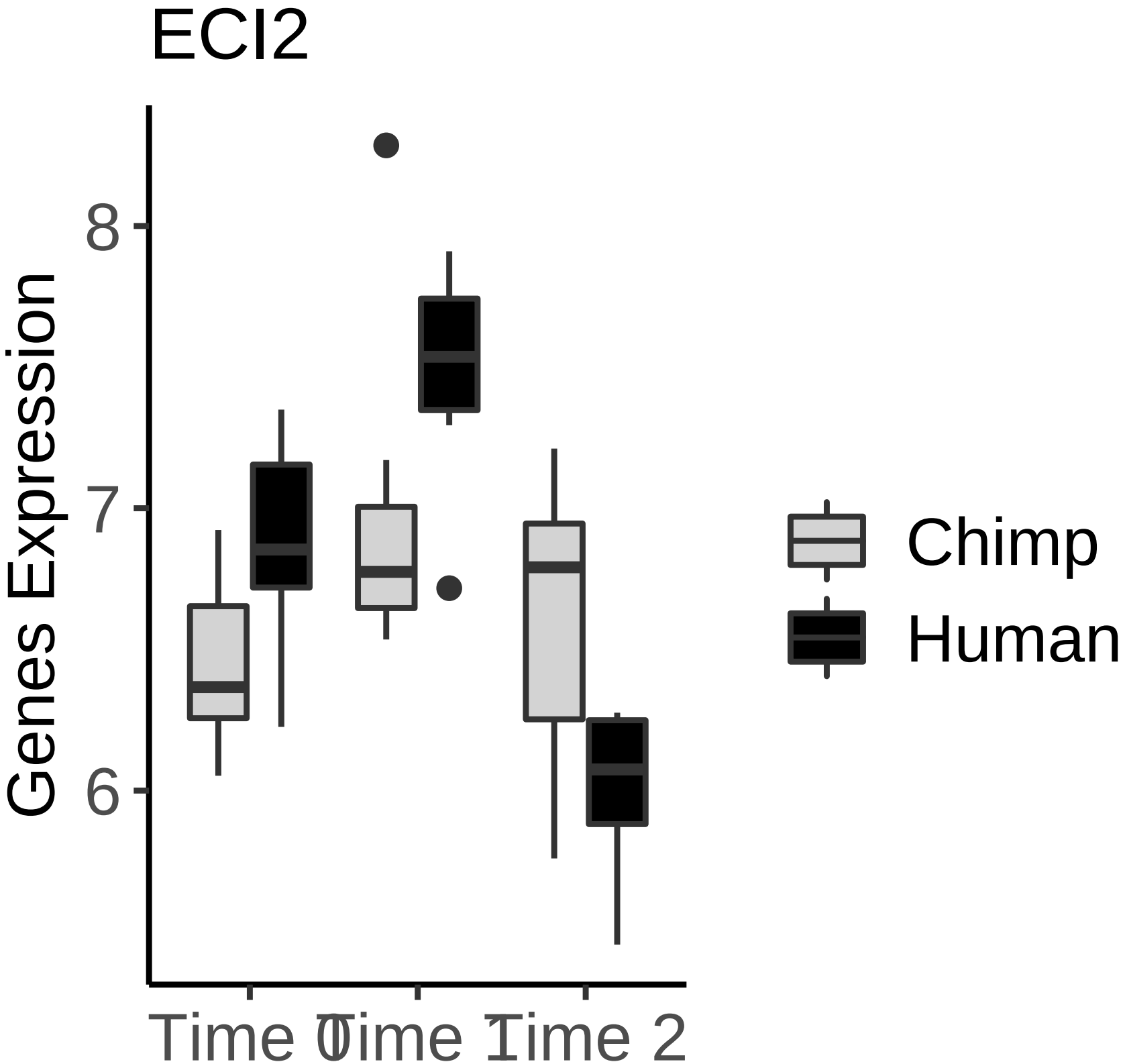
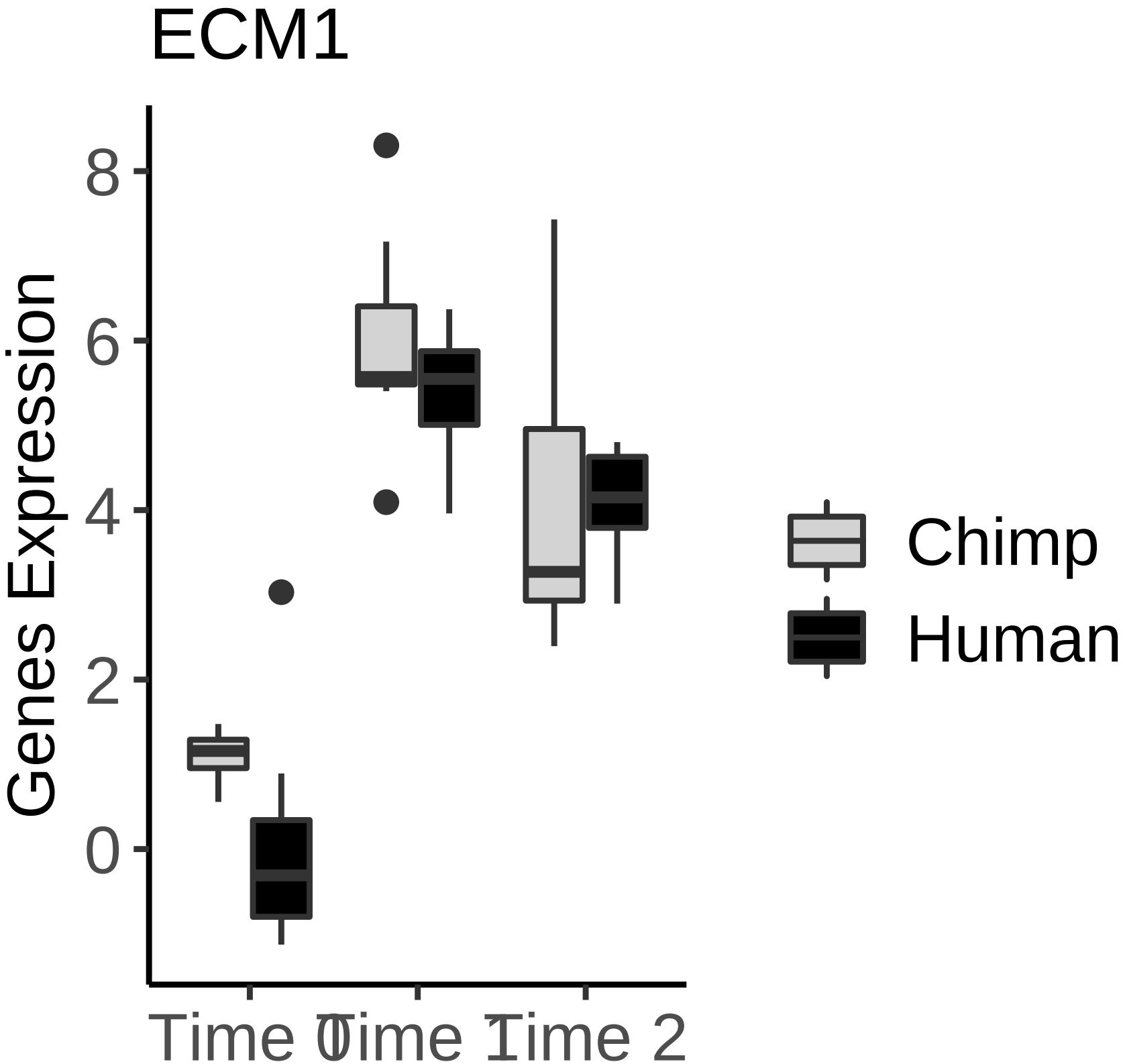
4.0
3.5
3.0
2.5
Time 0
Time 1
Time 2
Chimp
Human


EBF4
Genes Expression
4
2
0
−2
Time 0
Time 1
Time 2
Chimp
Human


ECH1
Genes Expression
7
6
5
Time 0
Time 1
Time 2
Chimp
Human


ECI2
Genes Expression
8
7
6
Time 0
Time 1
Time 2
Chimp
Human


ECM1
Genes Expression
8
6
4
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Time 1
Time 2
Chimp
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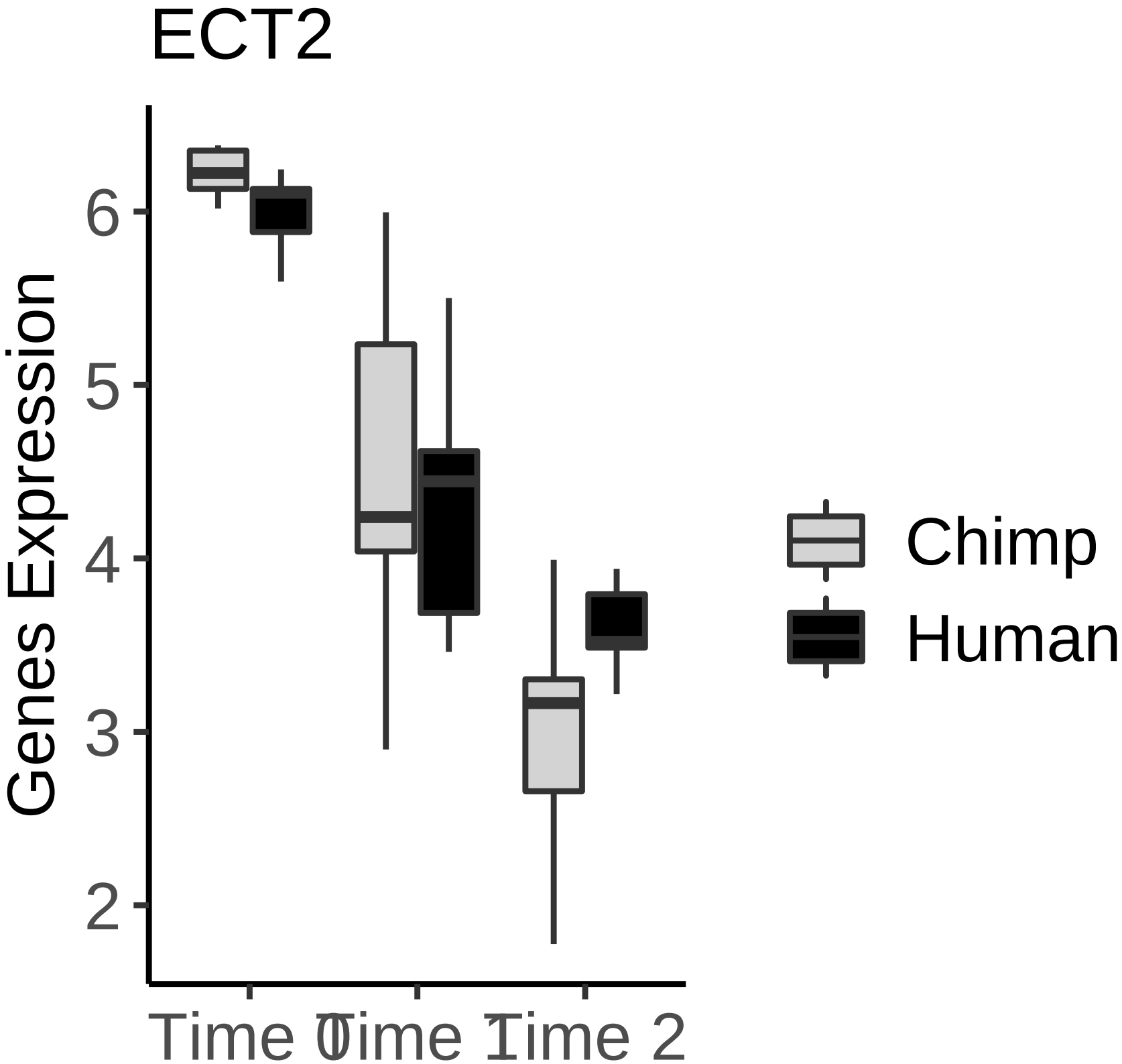
ECT2
Genes Expression
6
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4
3
2
Time 0
Time 1
Time 2
Chimp
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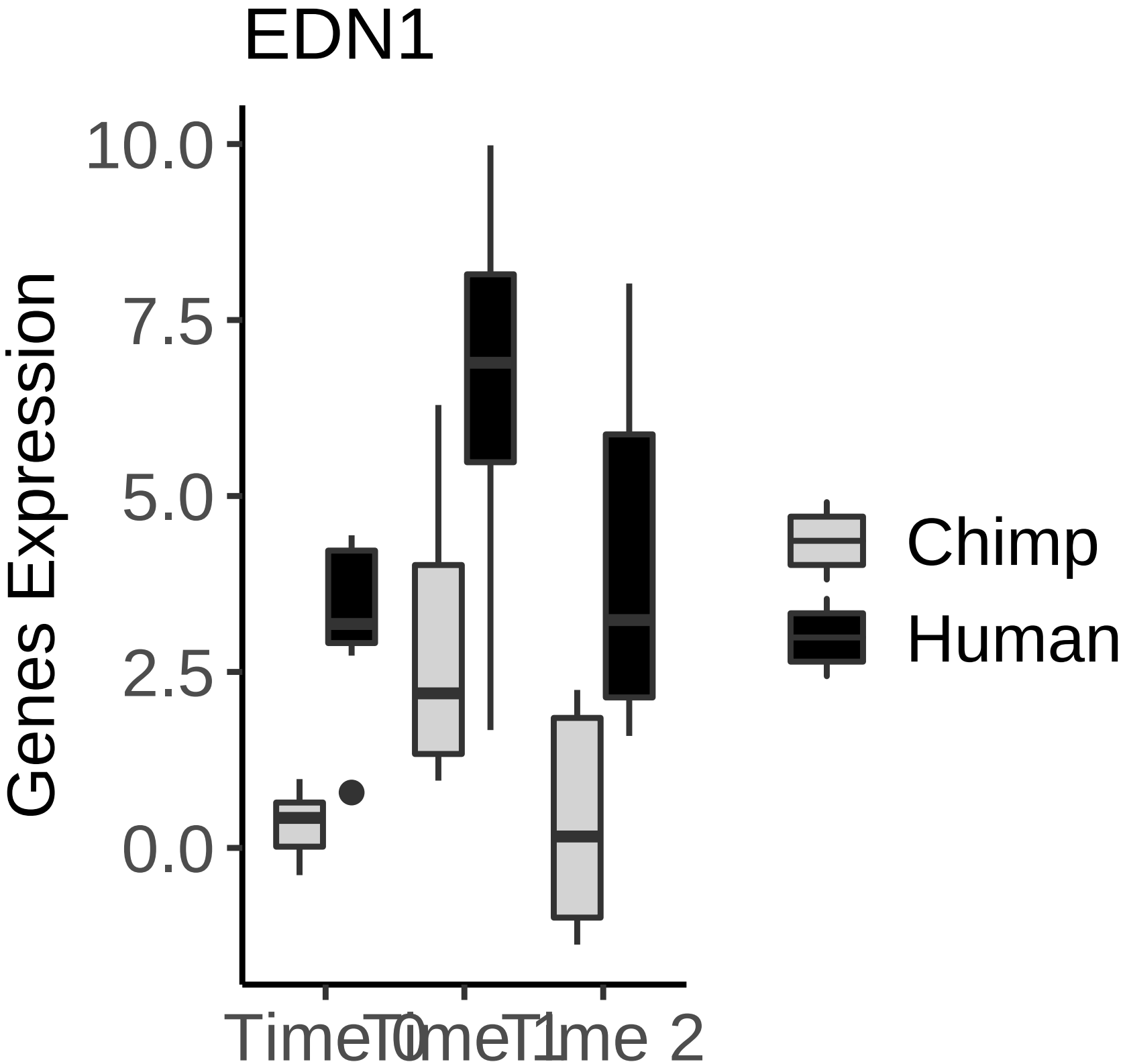
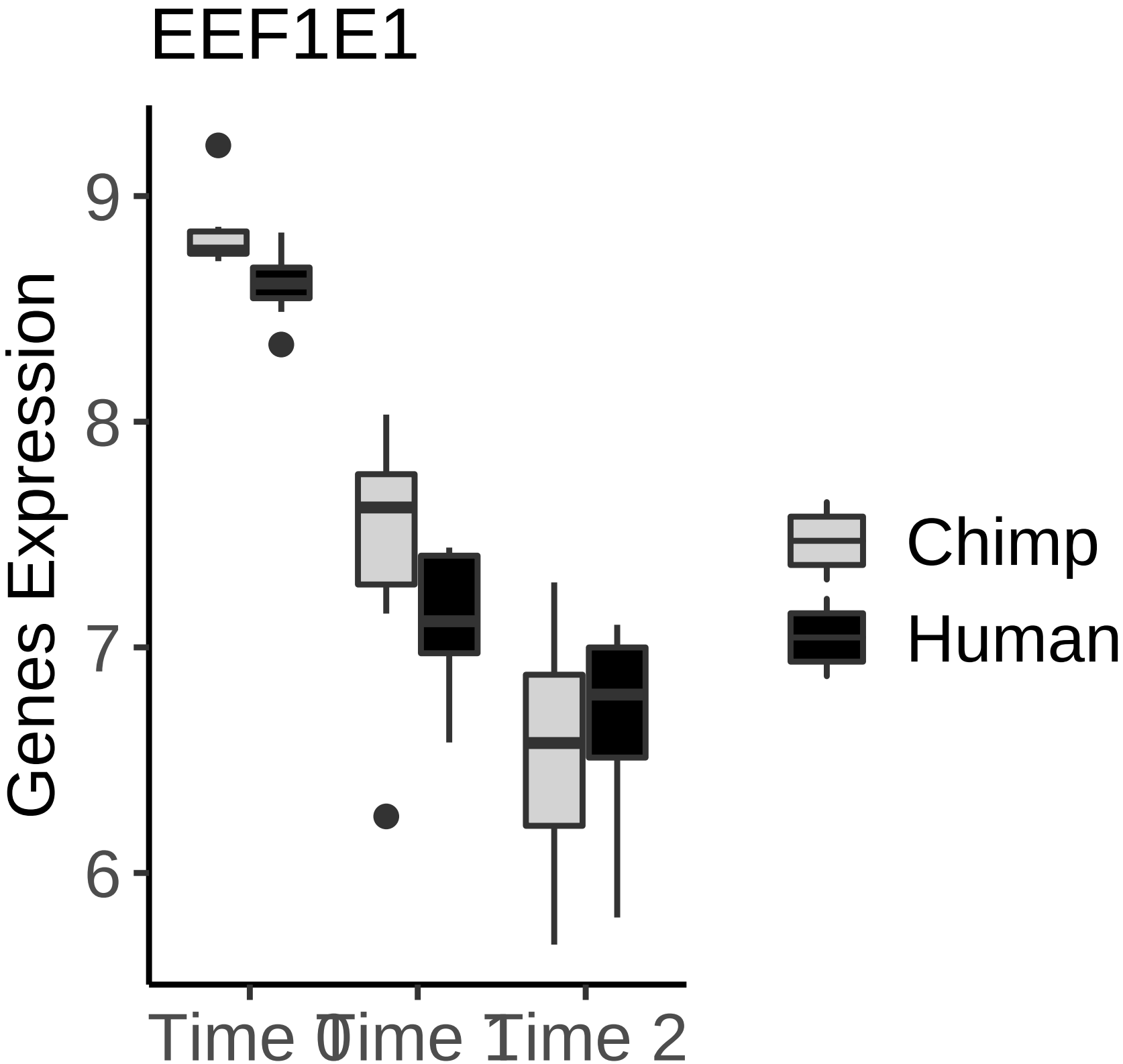

EDN1
Genes Expression
10.0
7.5
5.0
2.5
0.0
Time 0
Time 1
Time 2
Chimp
Human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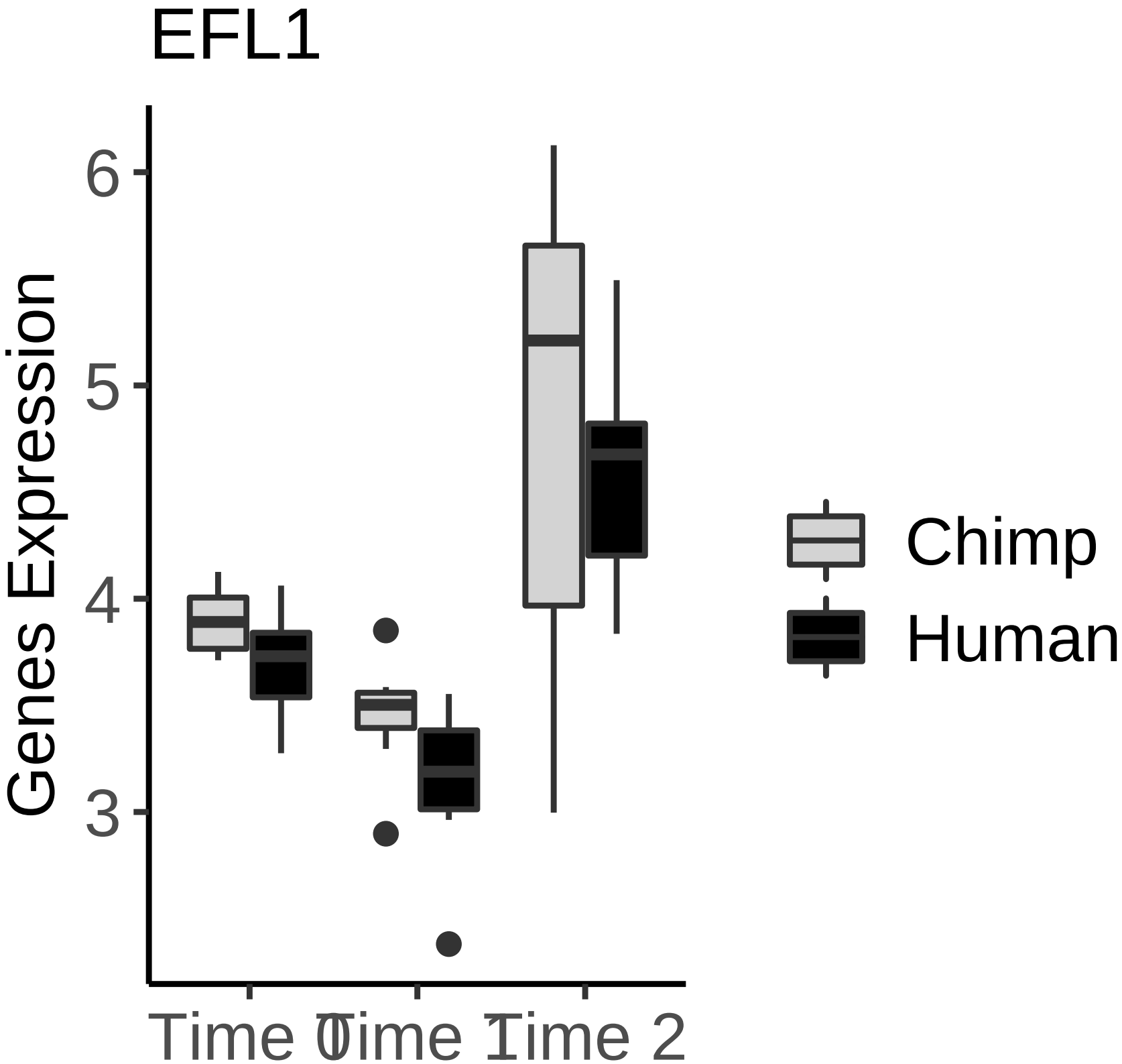
Genes Expression
9
8
7
6
Time 0
Time 1
Time 2
Chimp
Human


EFL1
Genes Expression
6
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Time 0
Time 1
Time 2
Chimp
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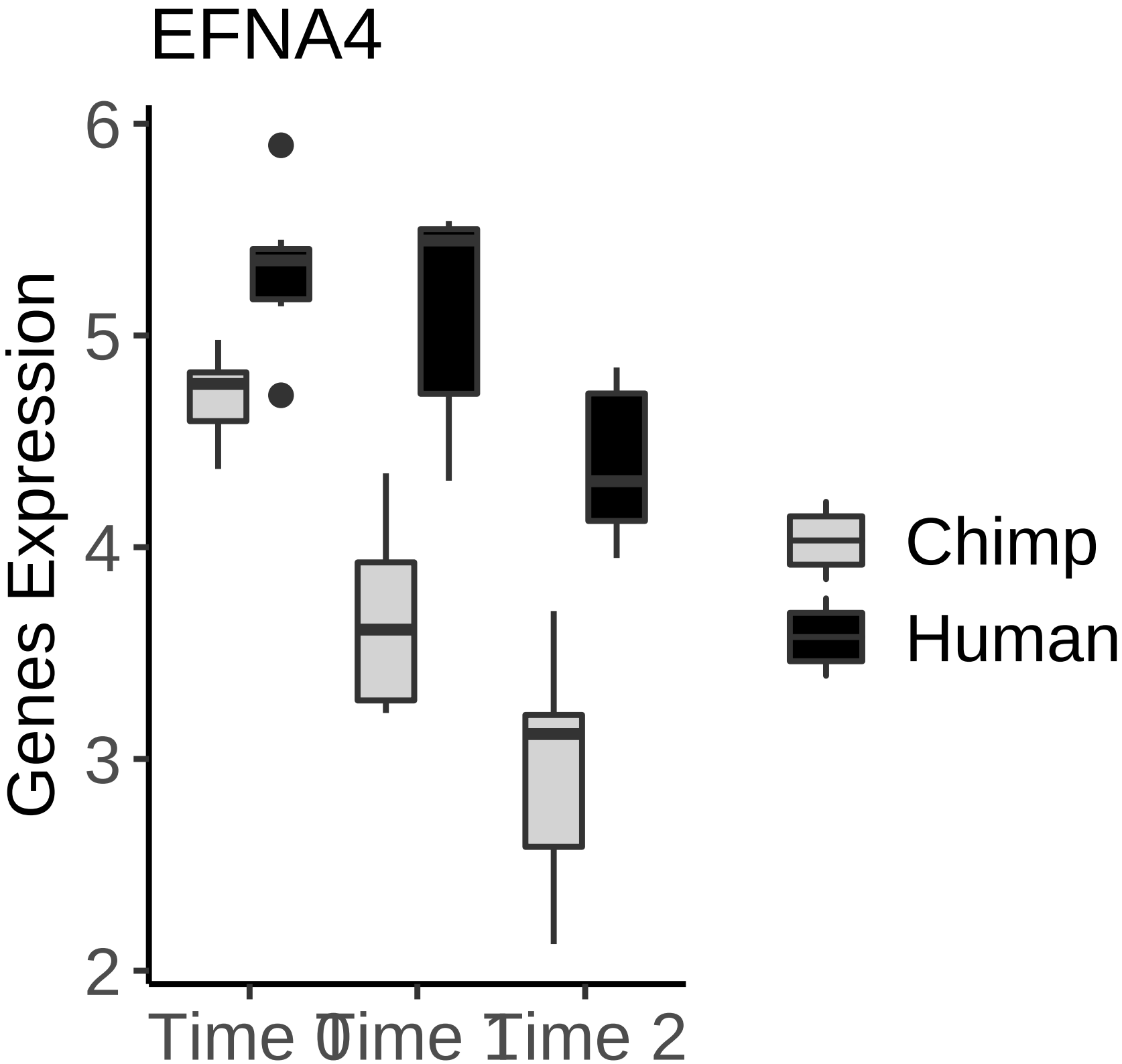
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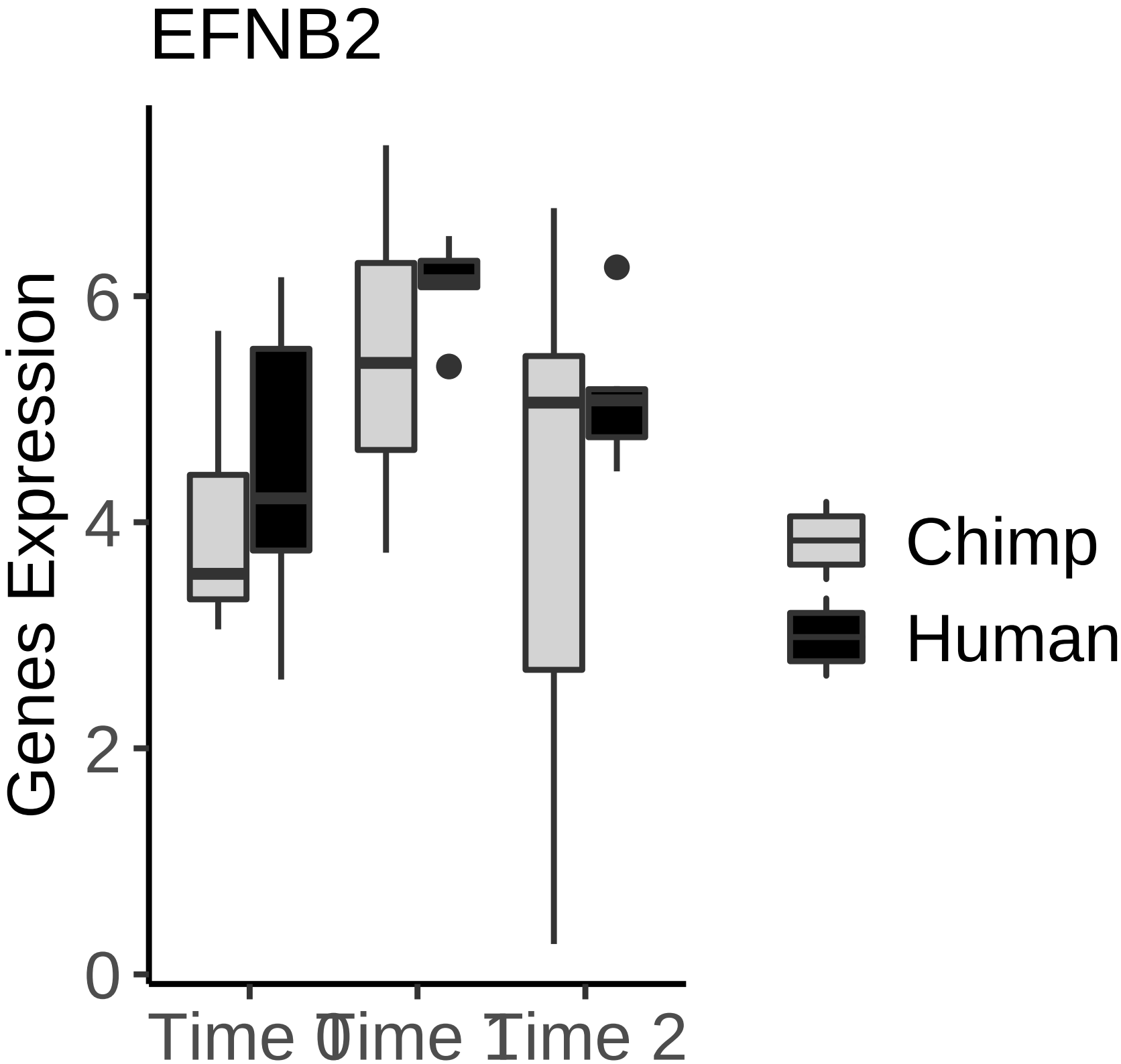
Time 1
Time 2
Chimp
Human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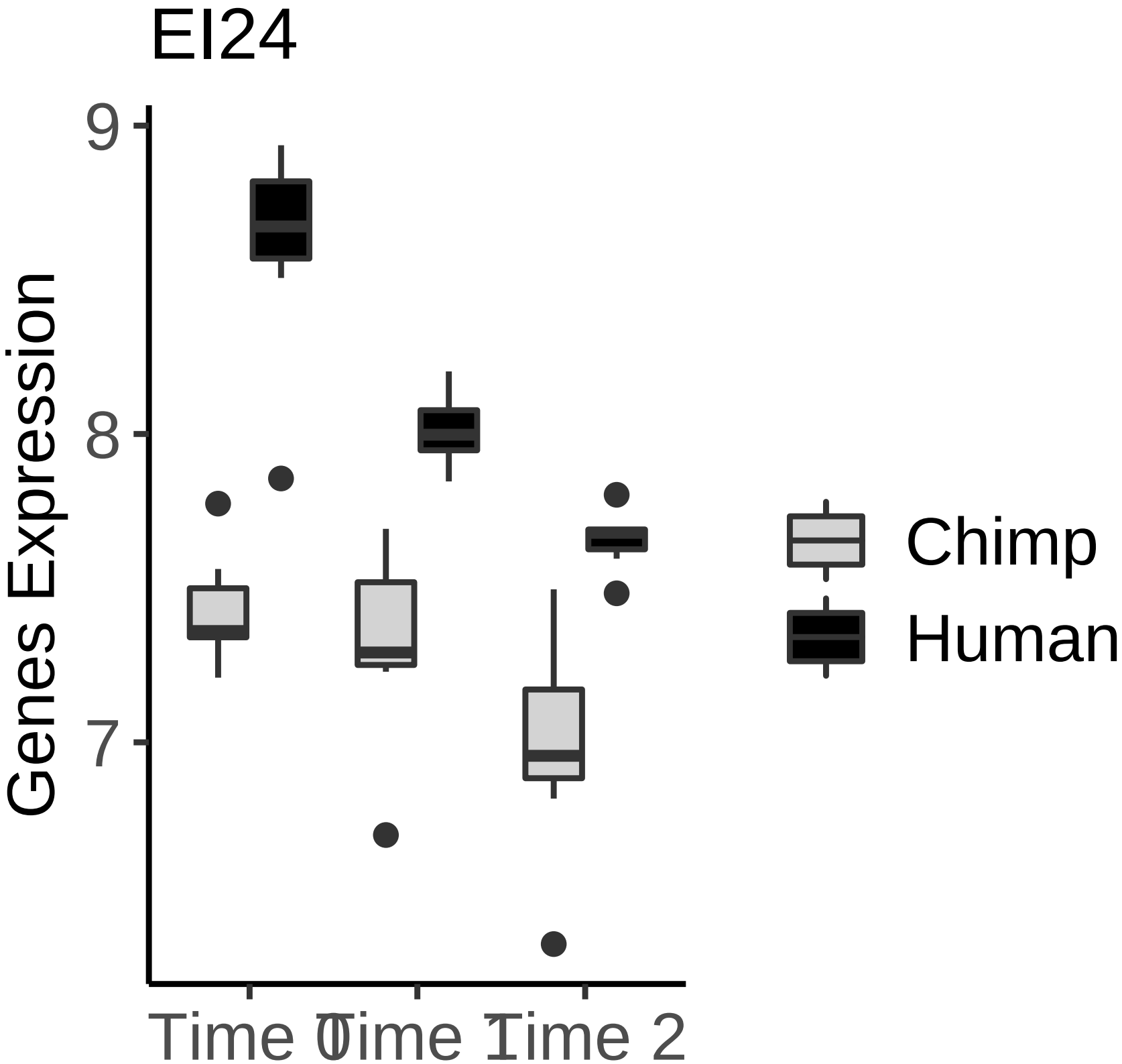
2
4
6
Time 0
Time 1
Time 2
Chimp
Human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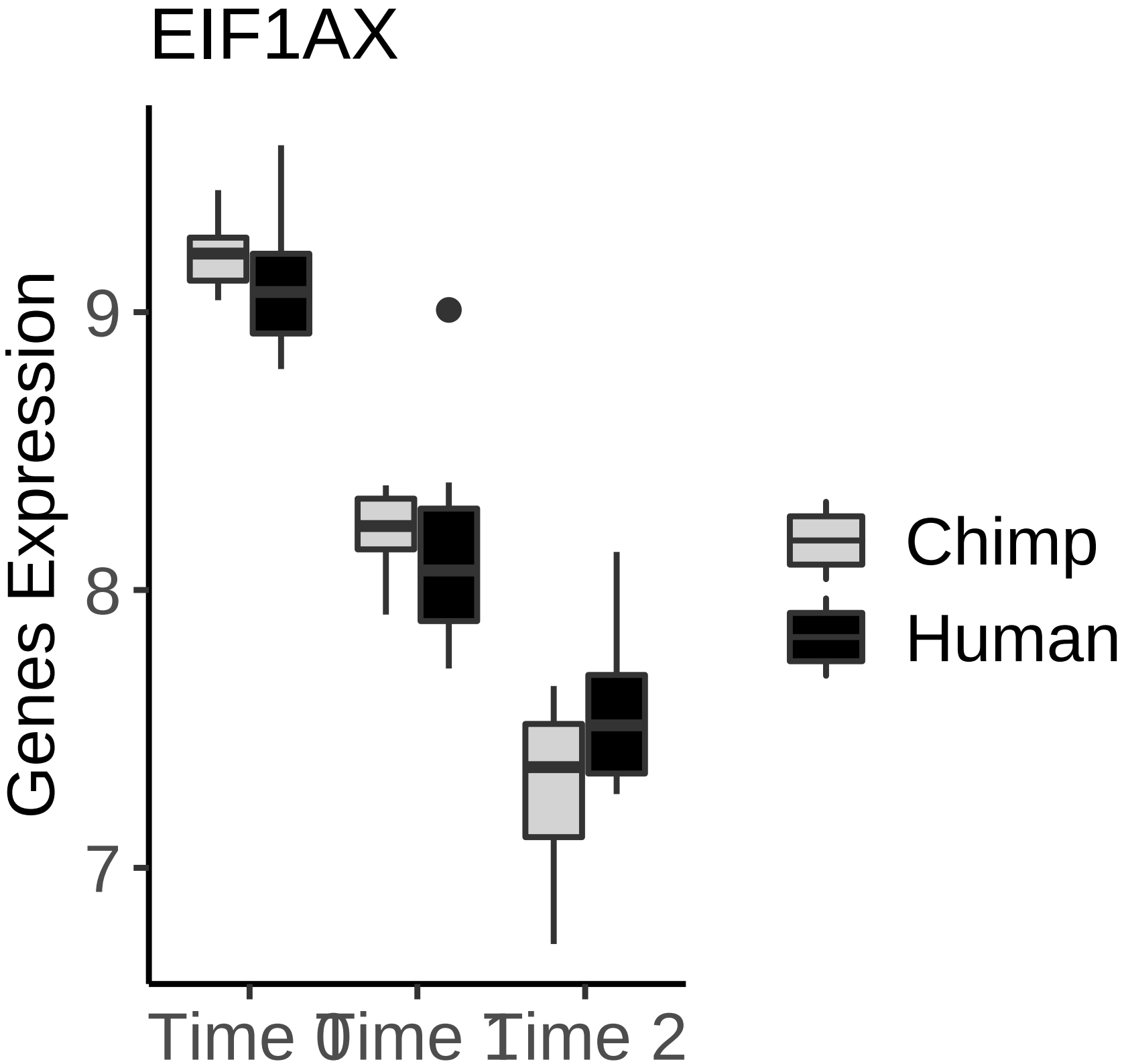
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9
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7
Time 0
Time 1
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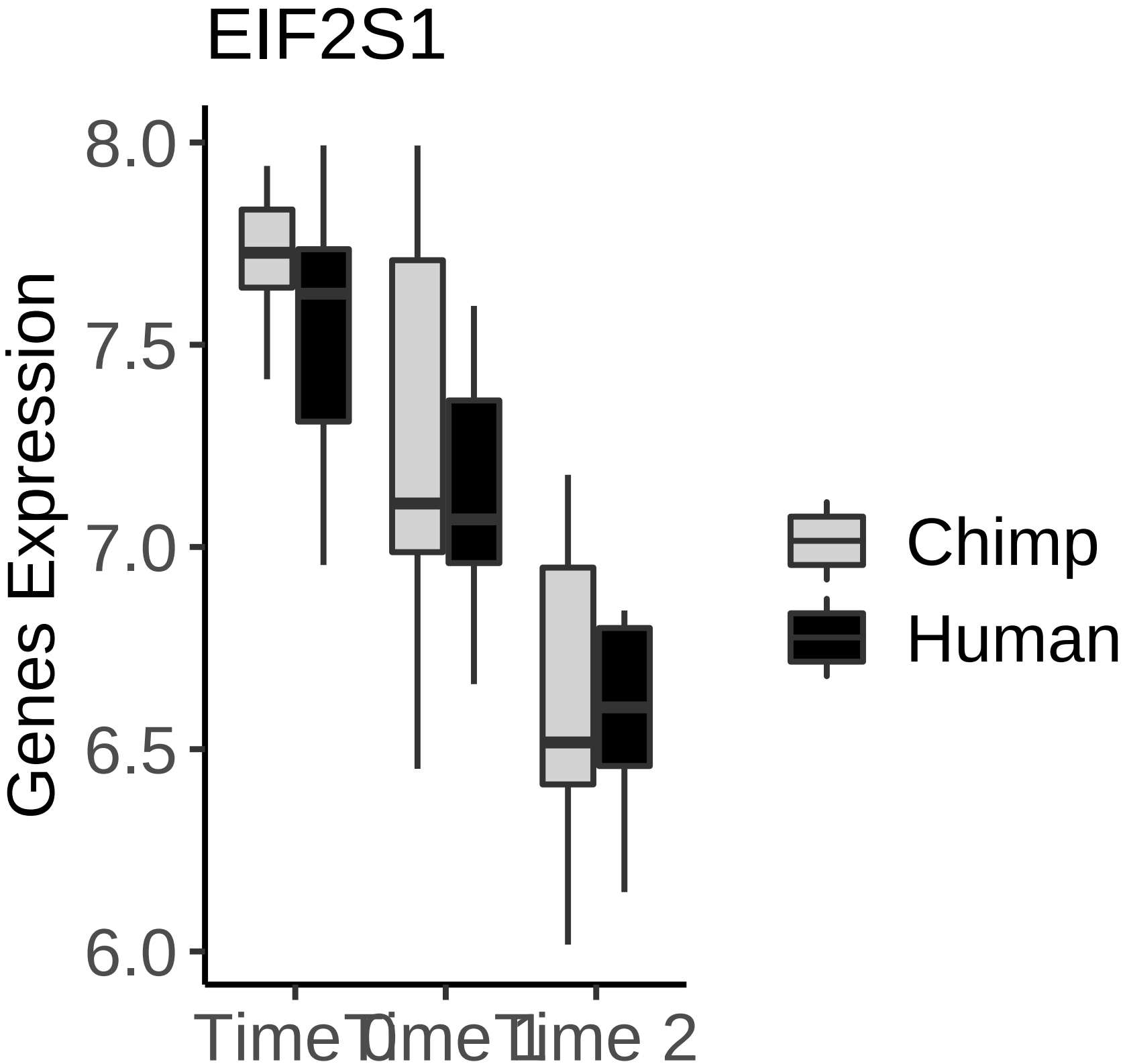
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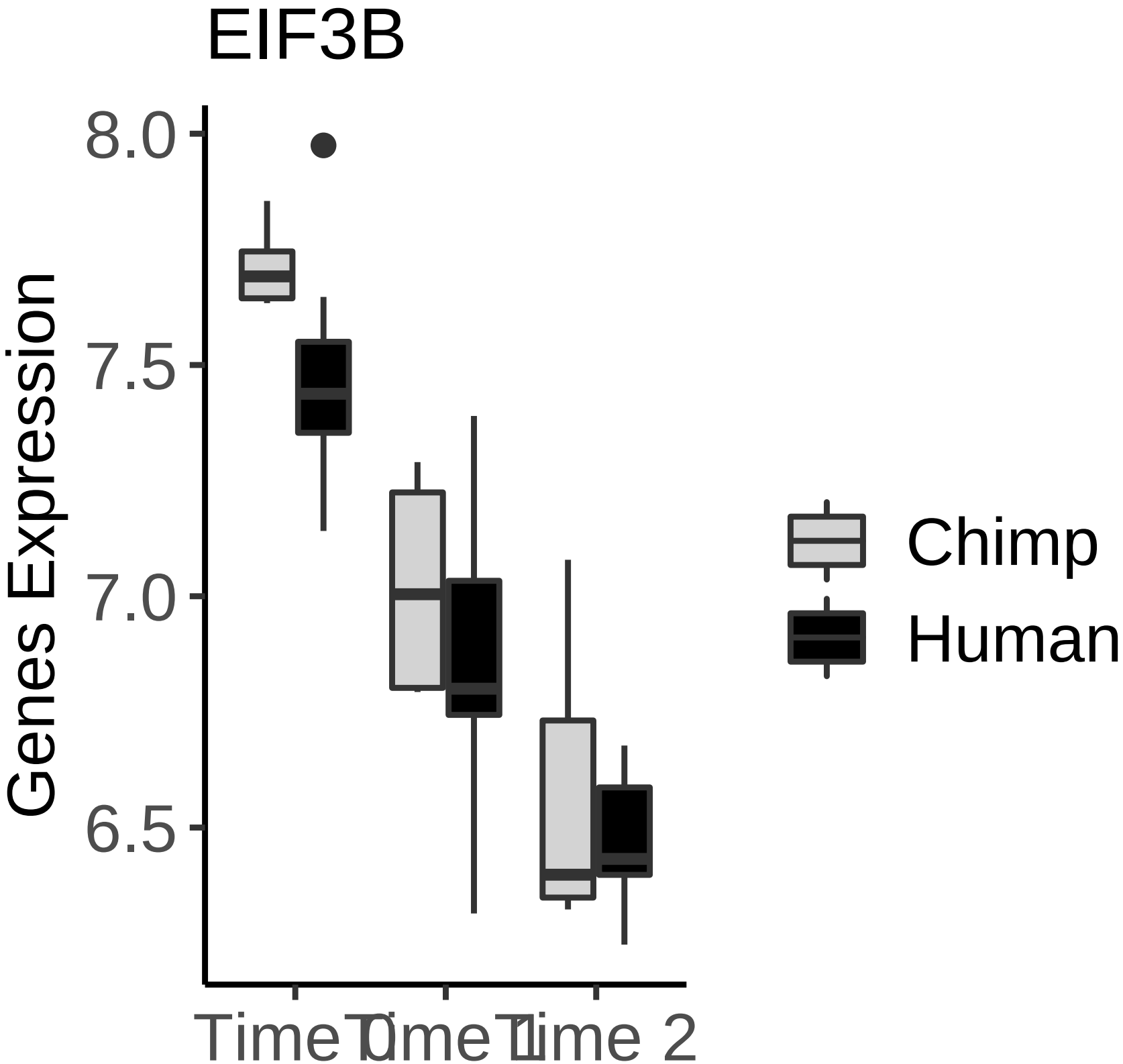
7.0
6.5
6.0
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
8.0
7.5
7.0
6.5
Time 0
Time 1
Time 2
Chimp
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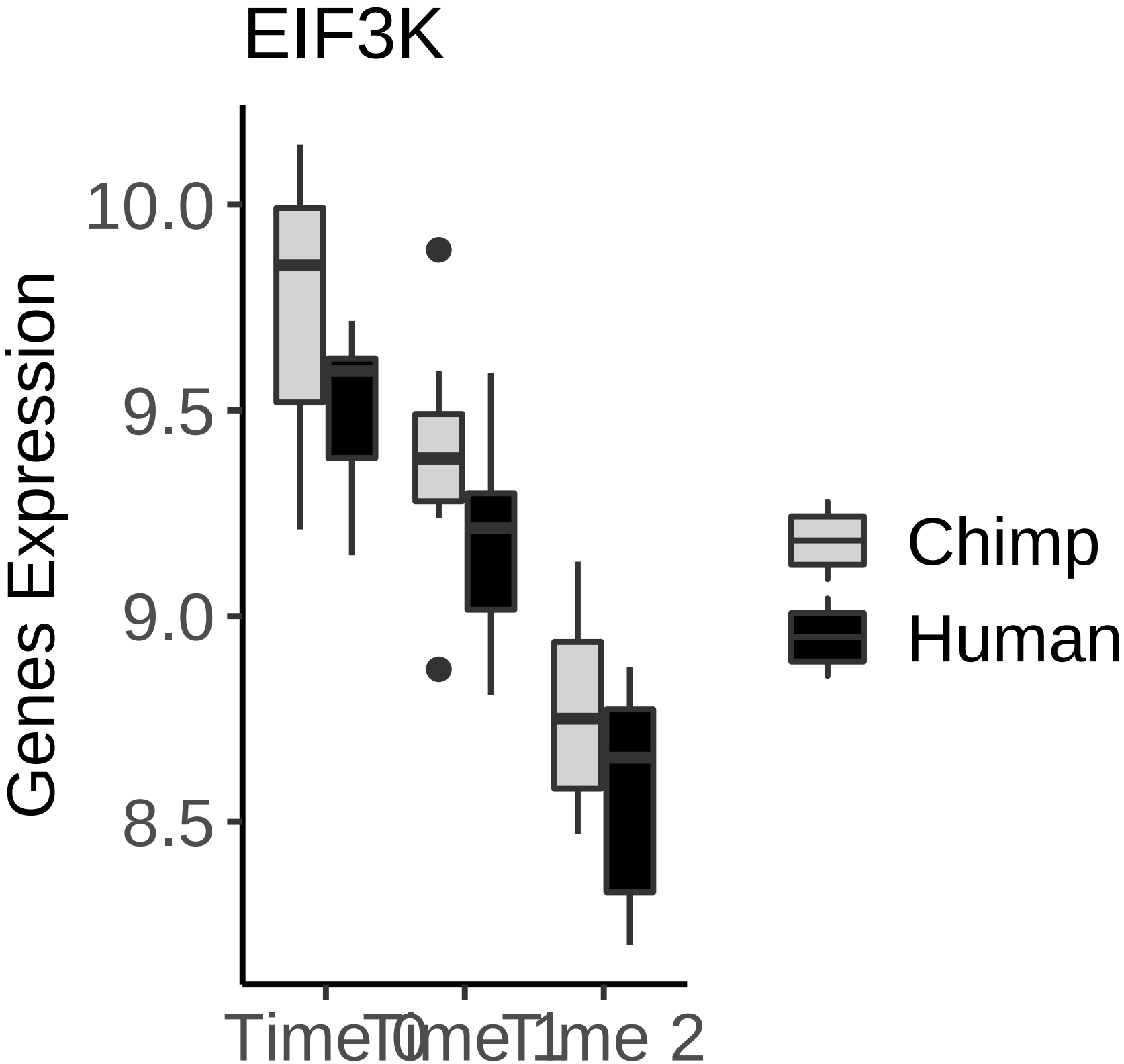
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8.5
Time 0
Time 1
Time 2
Chimp
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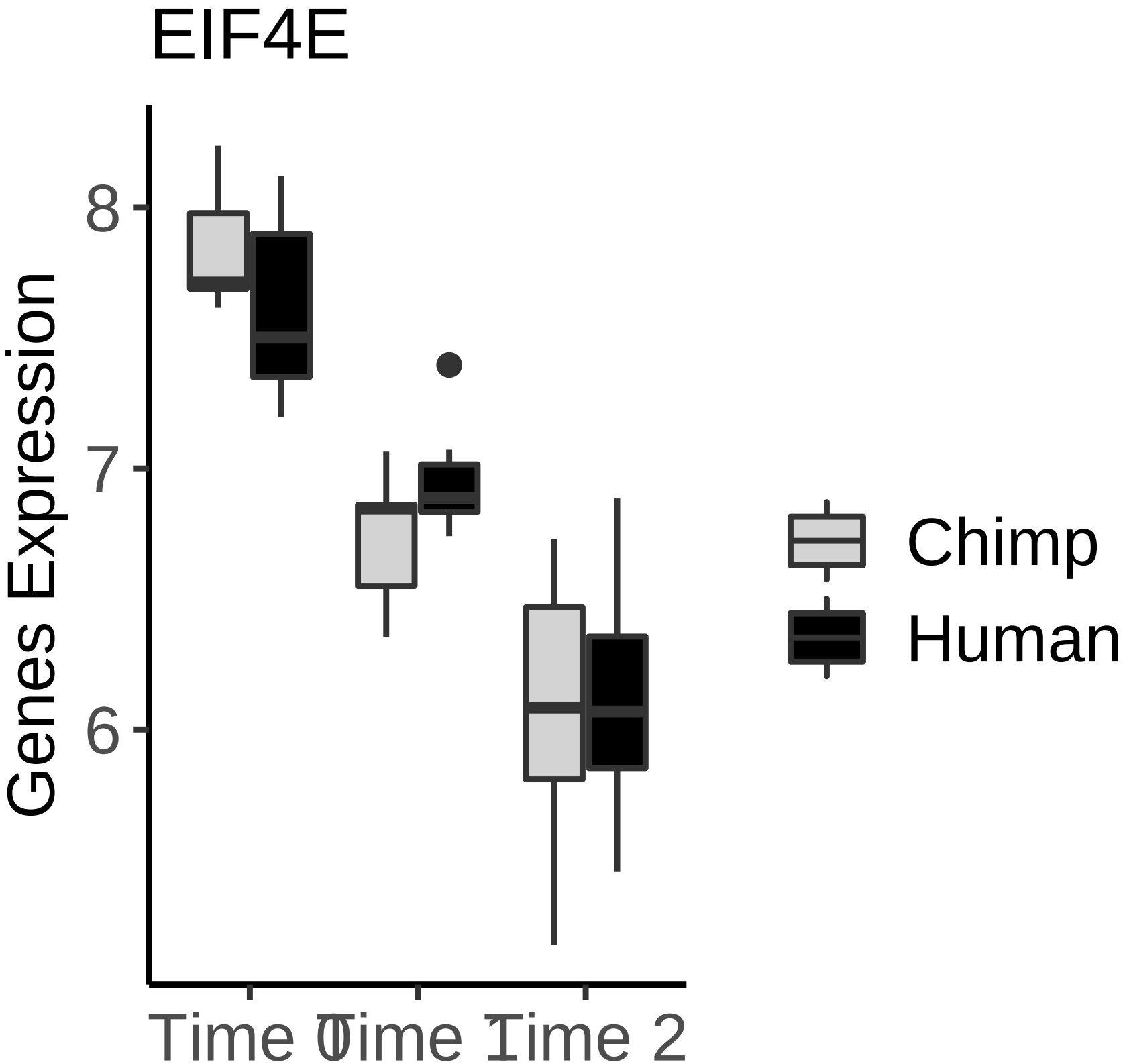
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7
6
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Time 1
Time 2
Chimp
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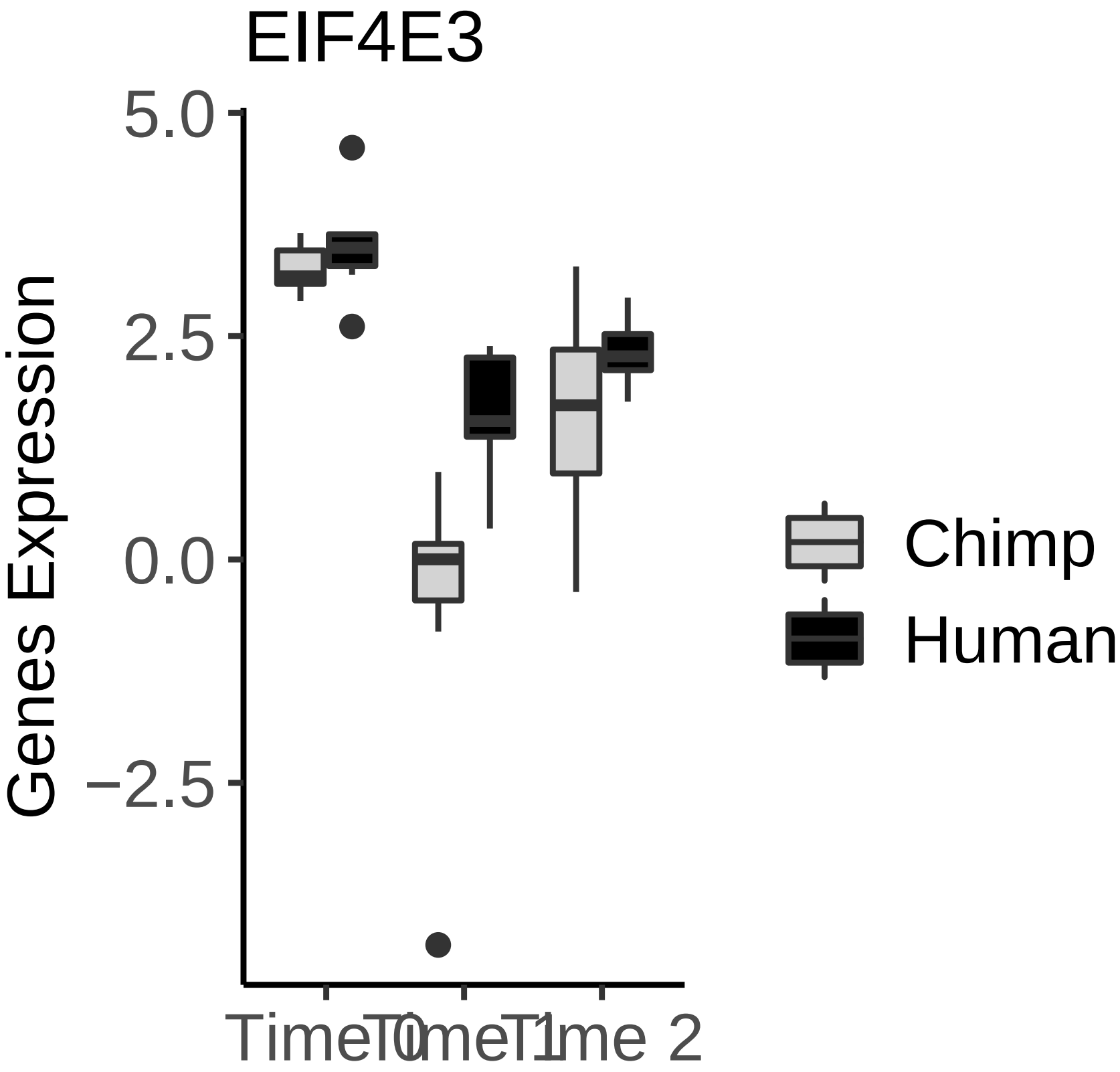
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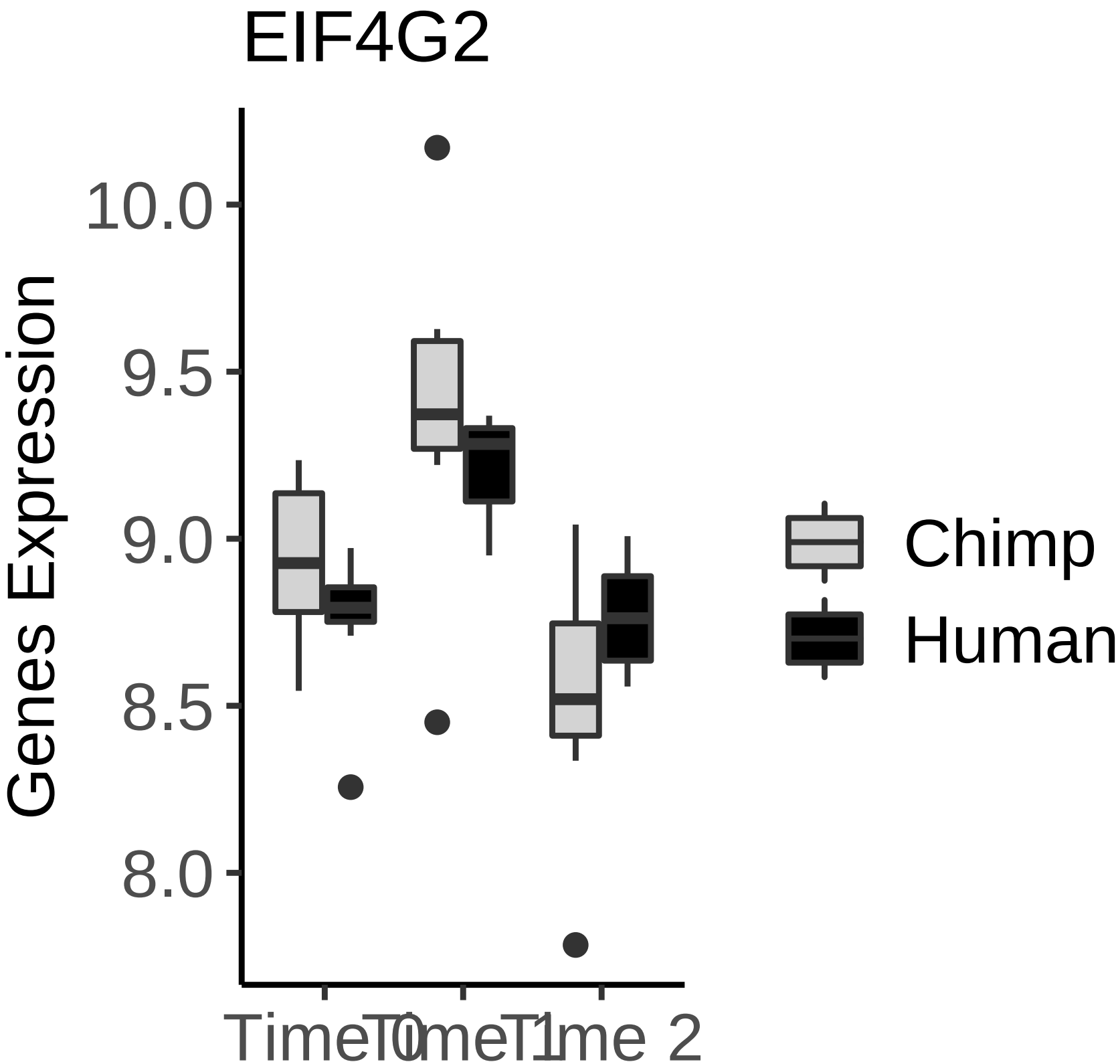
2.5
0.0
−2.5
Time 0
Time 1
Time 2
Chimp
Human


EIF4G2
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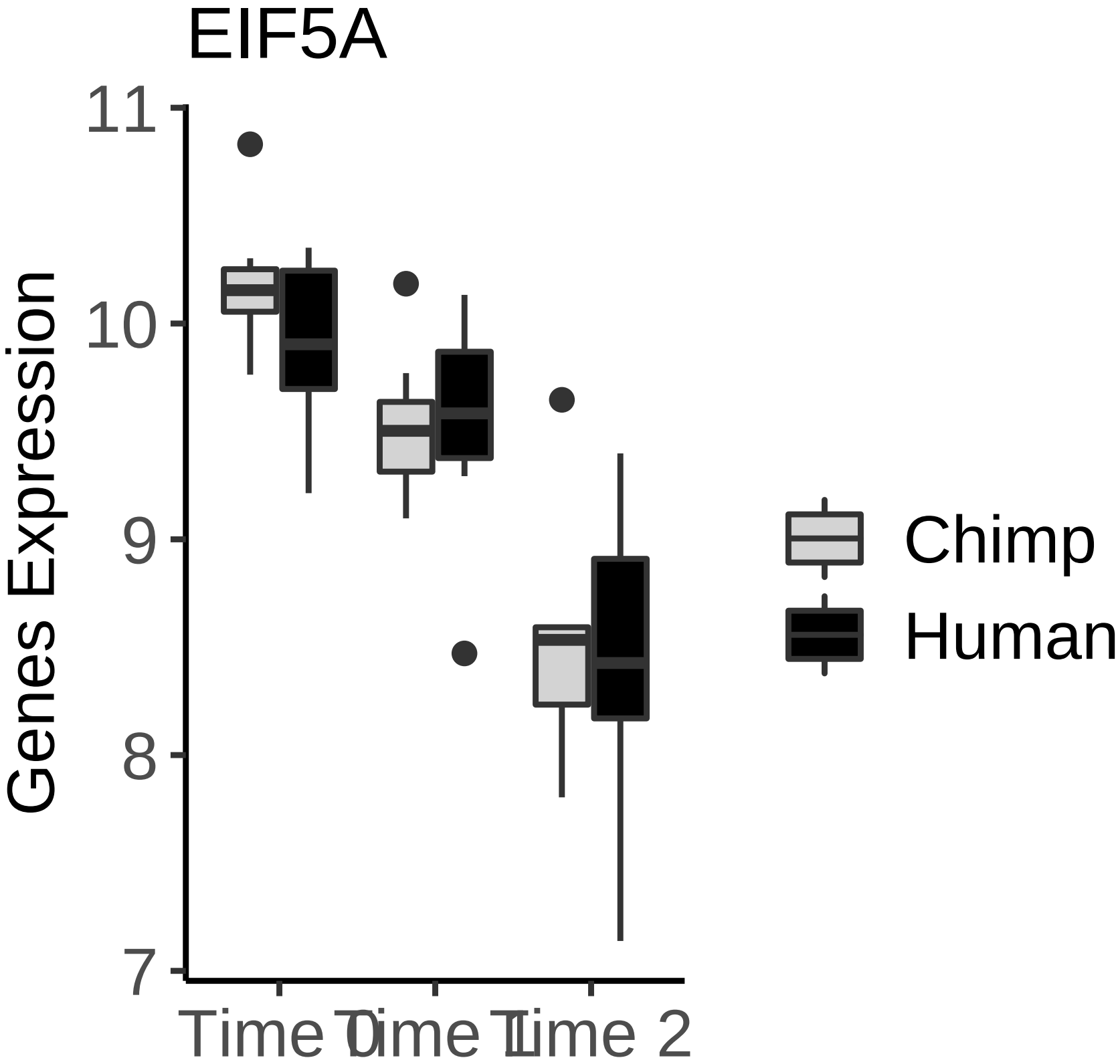
10.0
9.5
9.0
8.5
8.0
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
11
10
9
8
7
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Time 2
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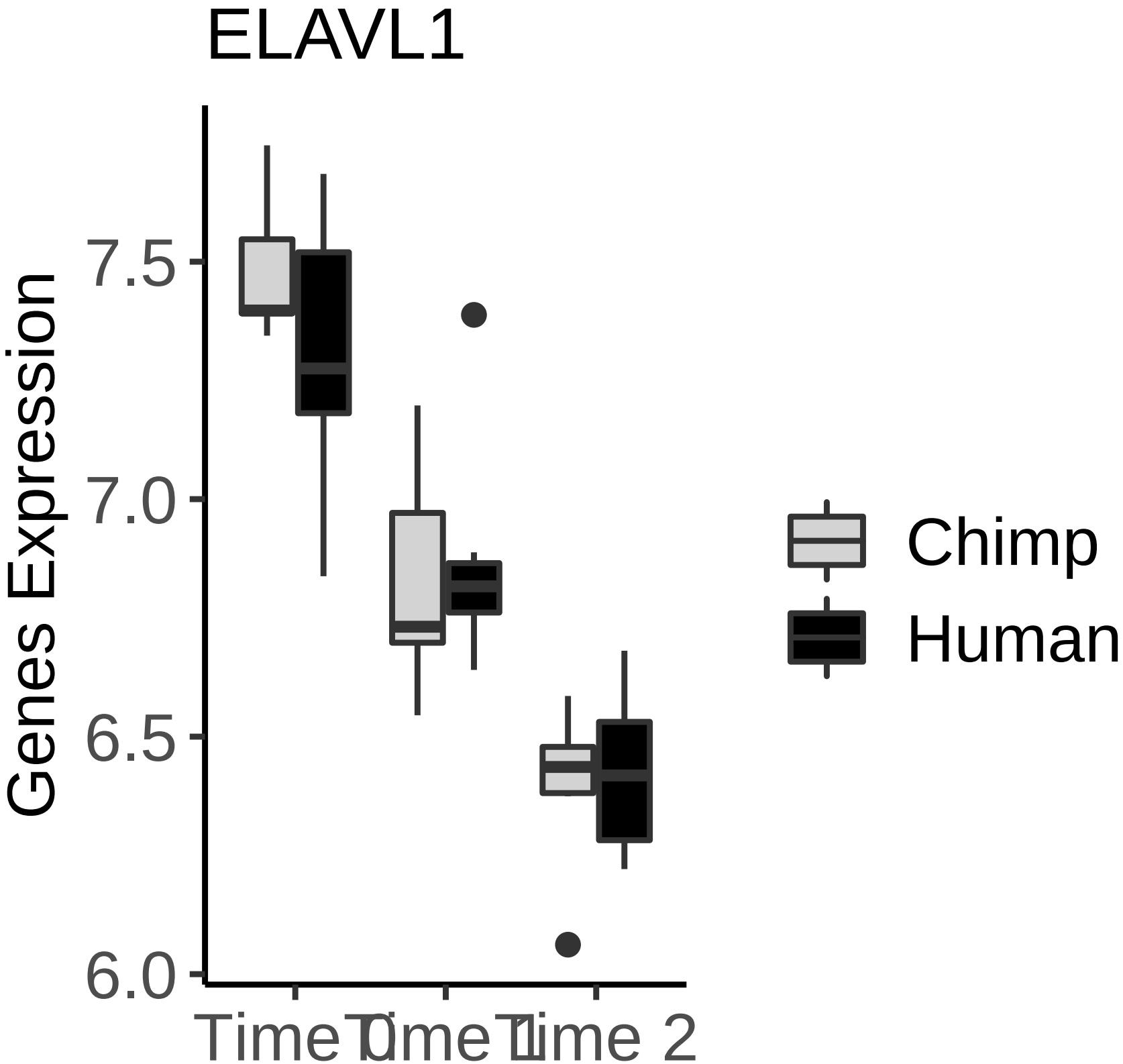
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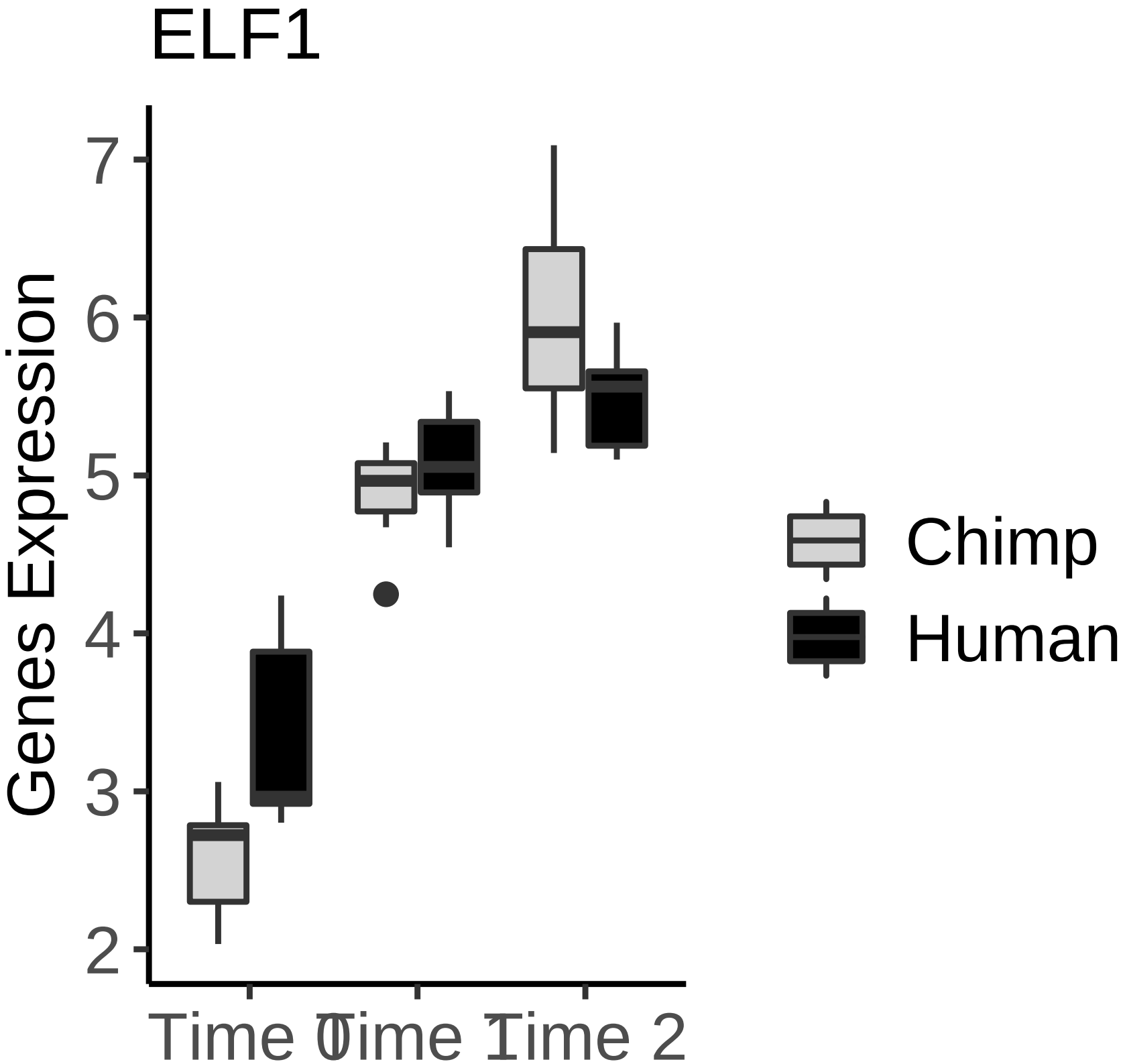
6.5
6.0
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
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6
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4
3
2
Time 0
Time 1
Time 2
Chimp
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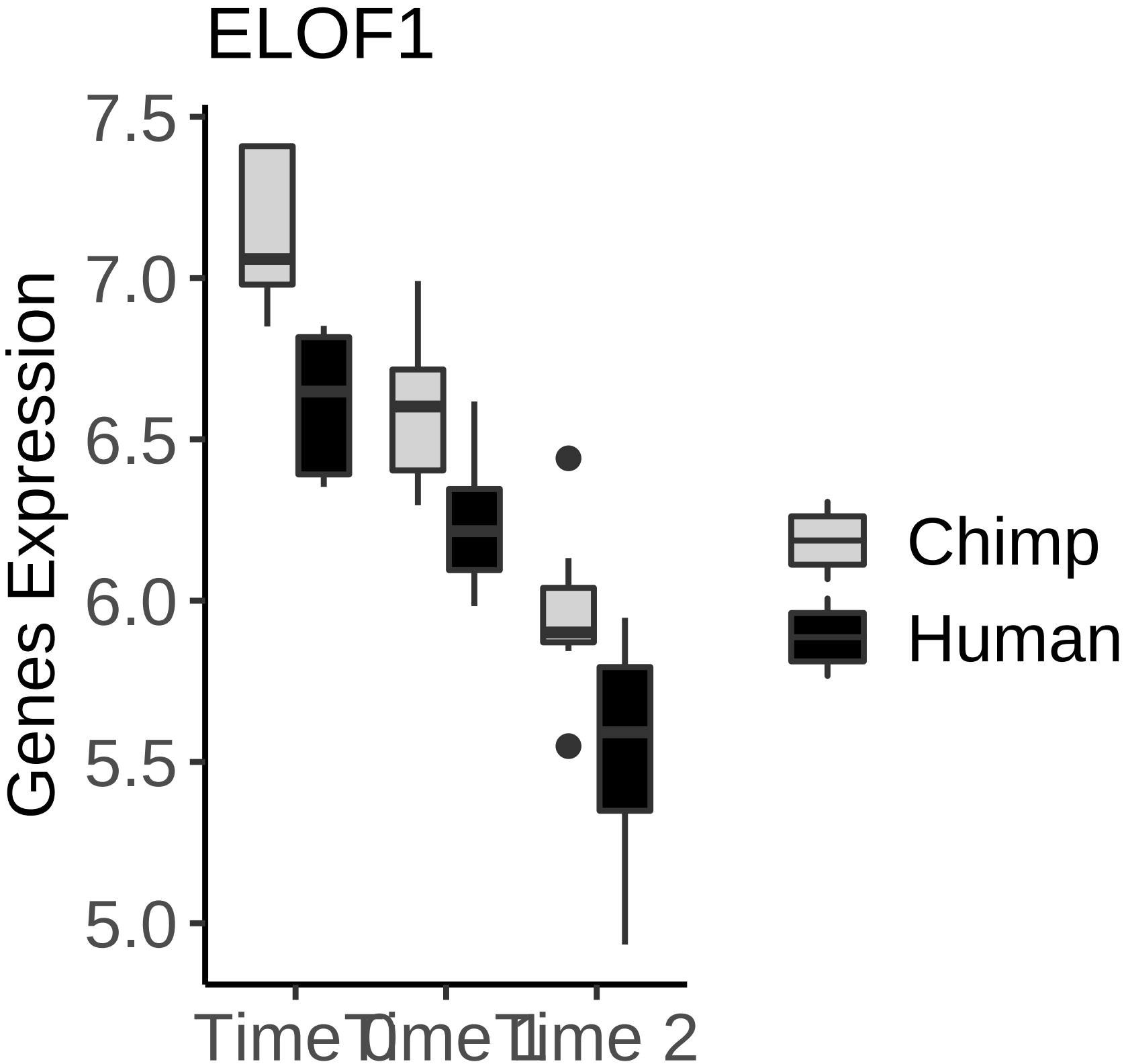
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6.0
5.5
5.0
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Time 1
Time 2
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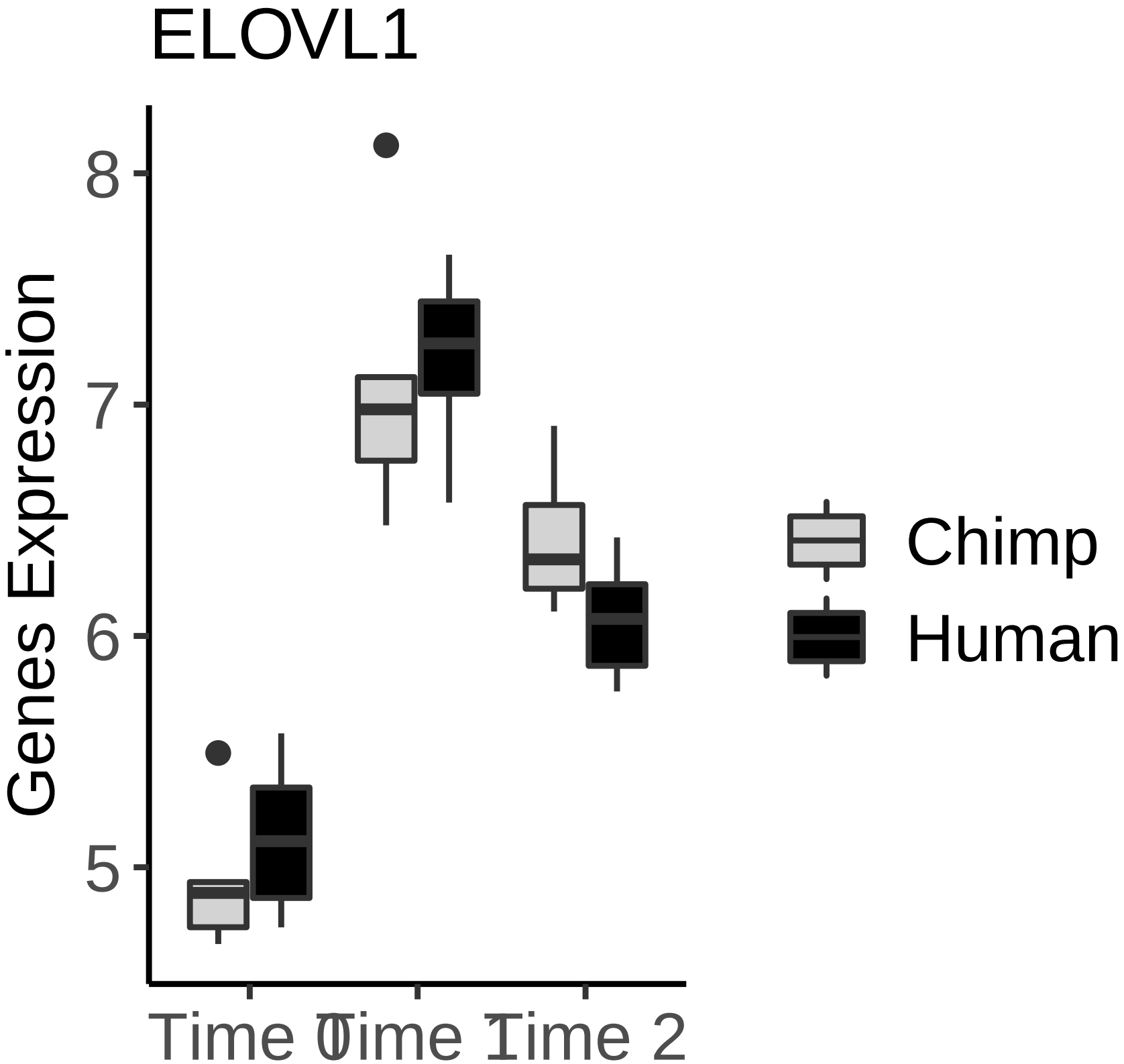
ELOVL1
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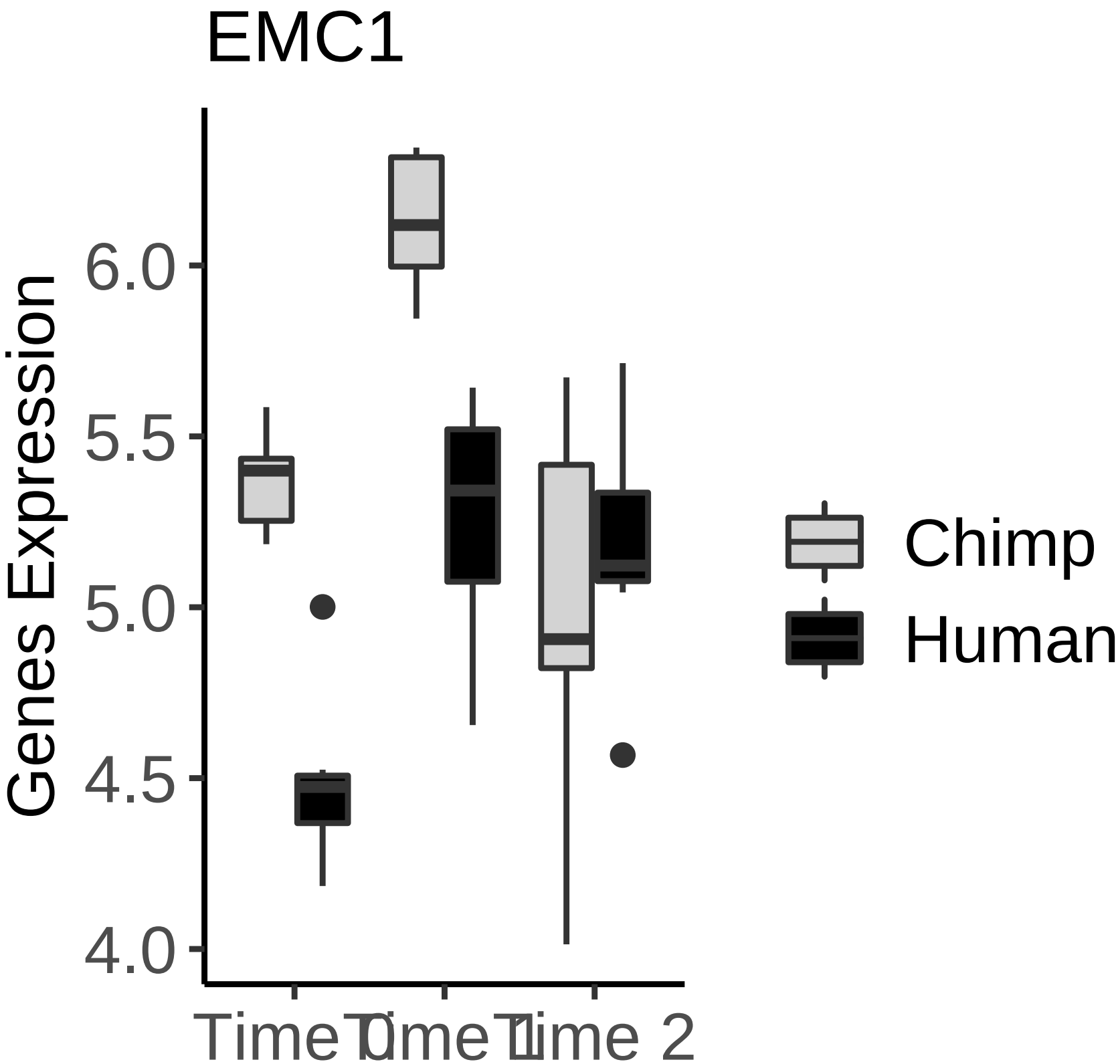
6
5
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
6.0
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5.0
4.5
4.0
Time 0
Time 1
Time 2
Chimp
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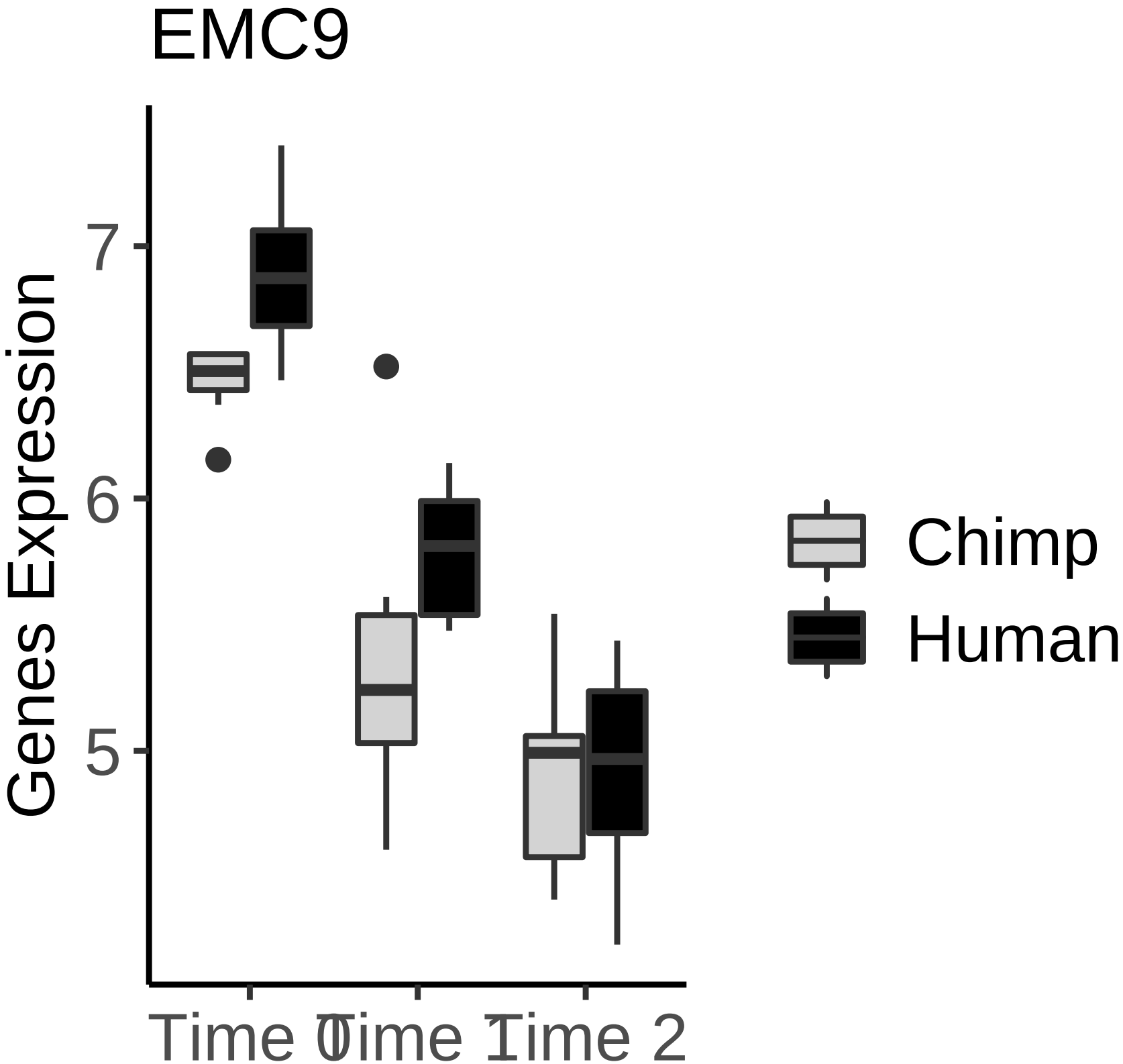
EMC9
Genes Expression
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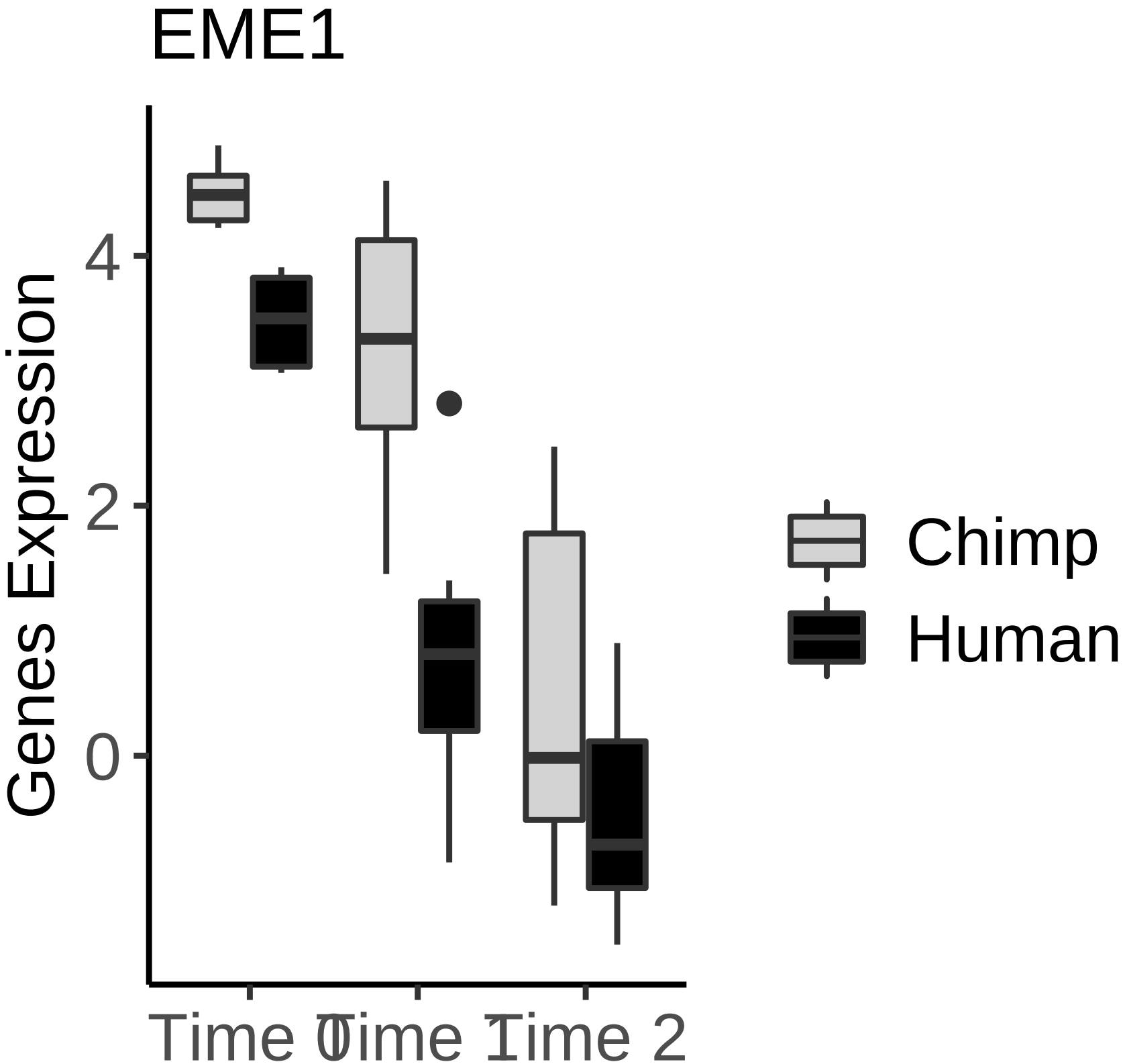
6
5
Time 0
Time 1
Time 2
Chimp
Human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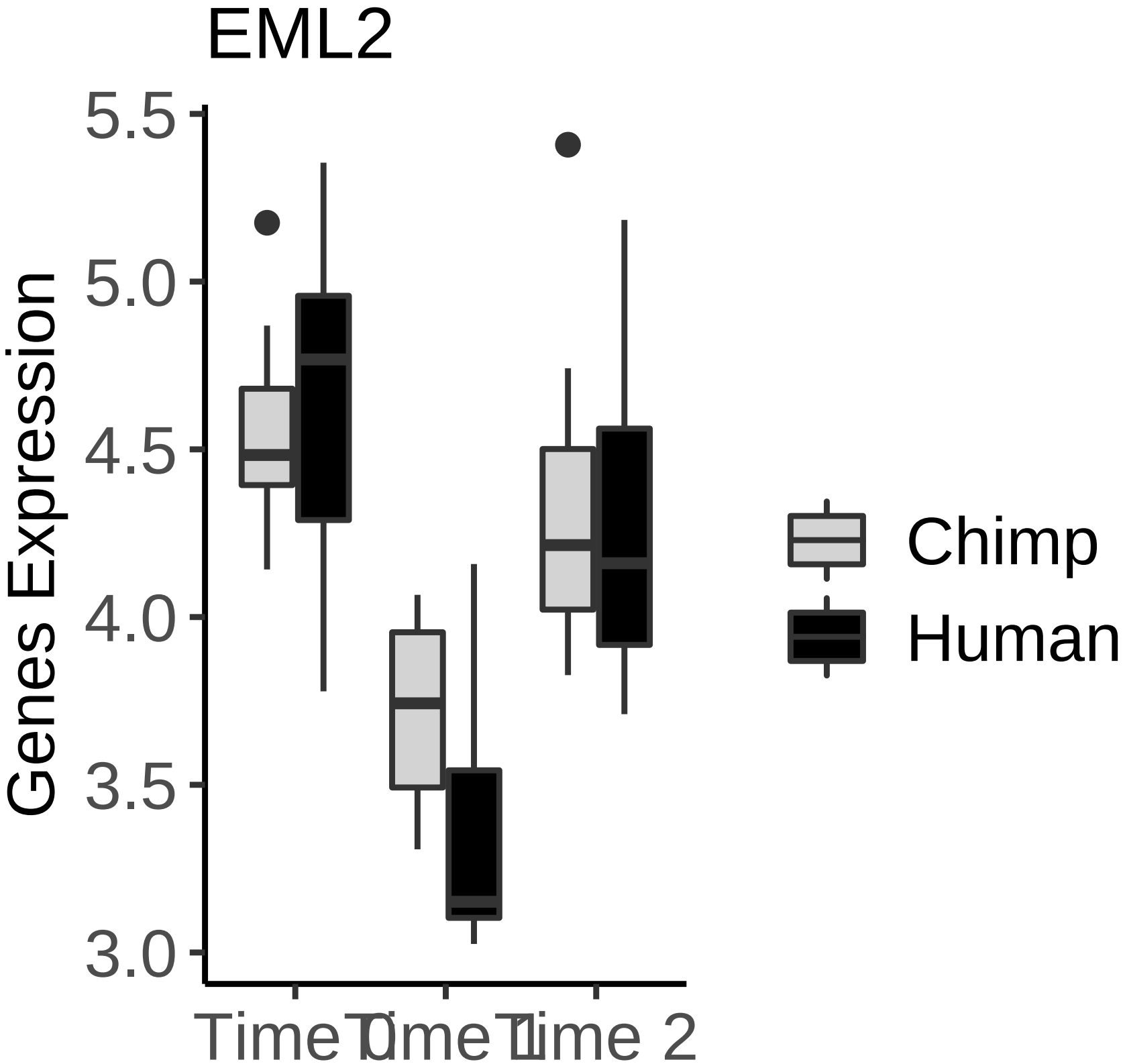
Genes Expression
4
2
0
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
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4.0
3.5
3.0
Time 0
Time 1
Time 2
Chimp
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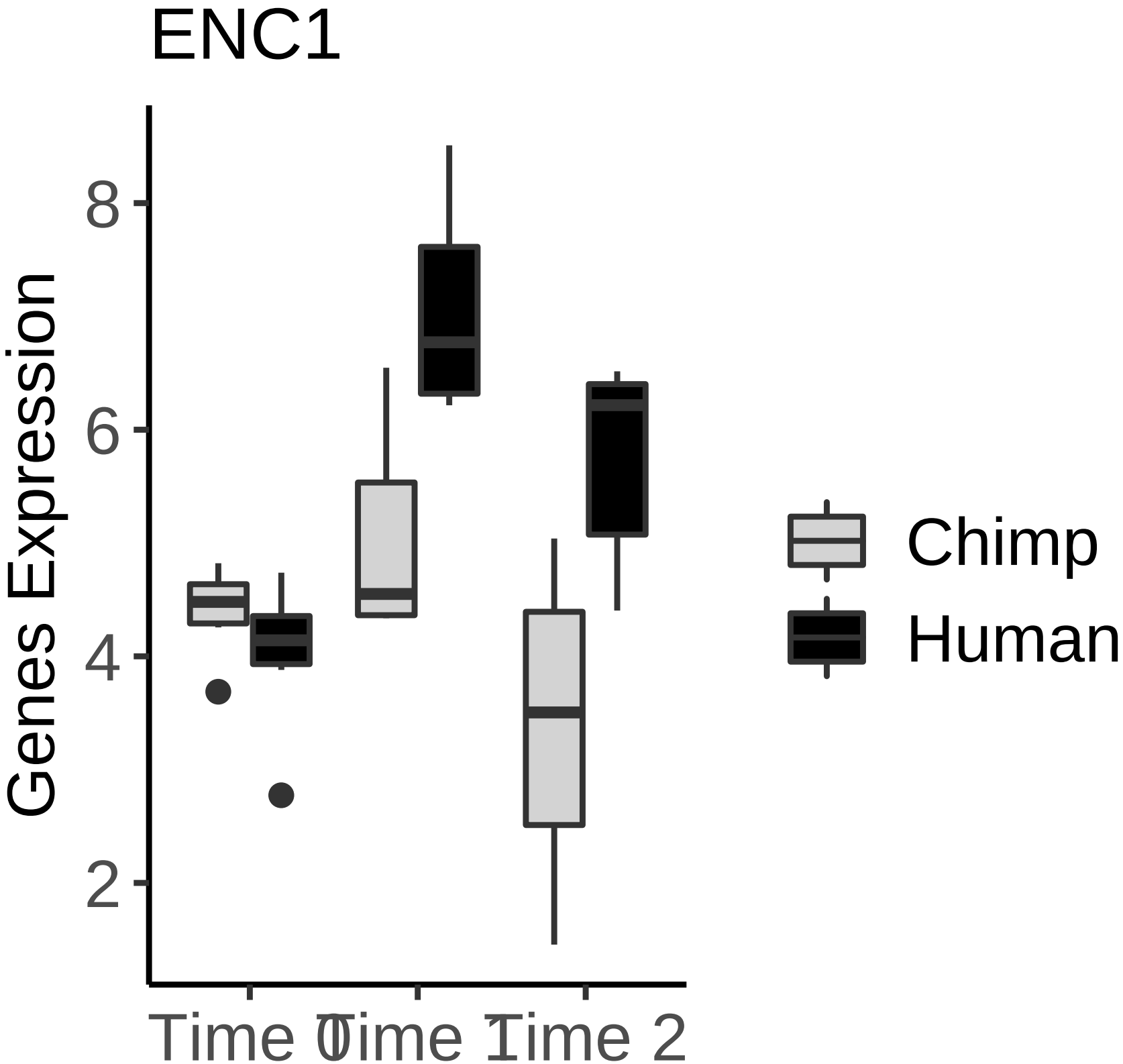
ENC1
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4
2
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Time 2
Chimp
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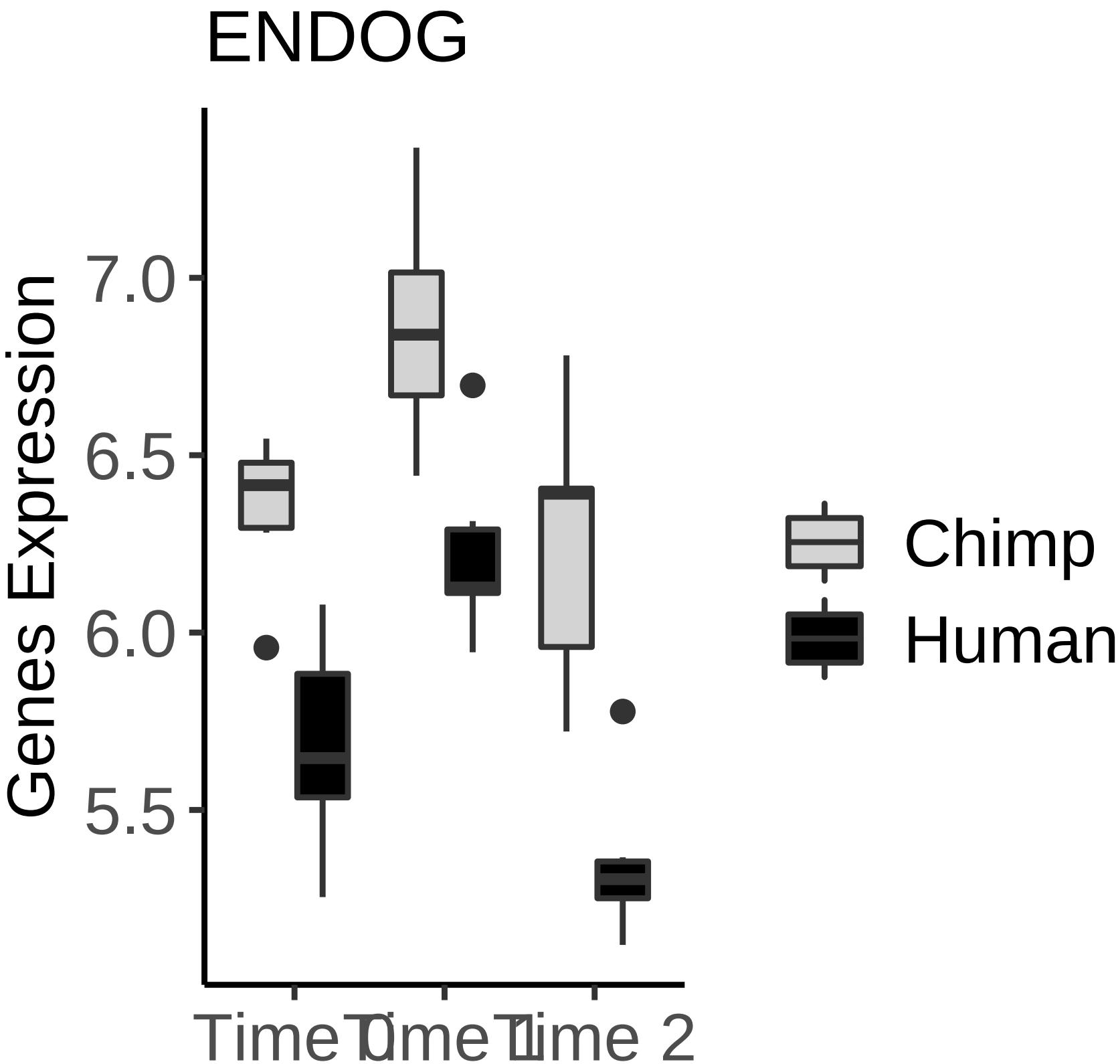
ENDOG
Genes Expression
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5.5
Time 0
Time 1
Time 2
Chimp
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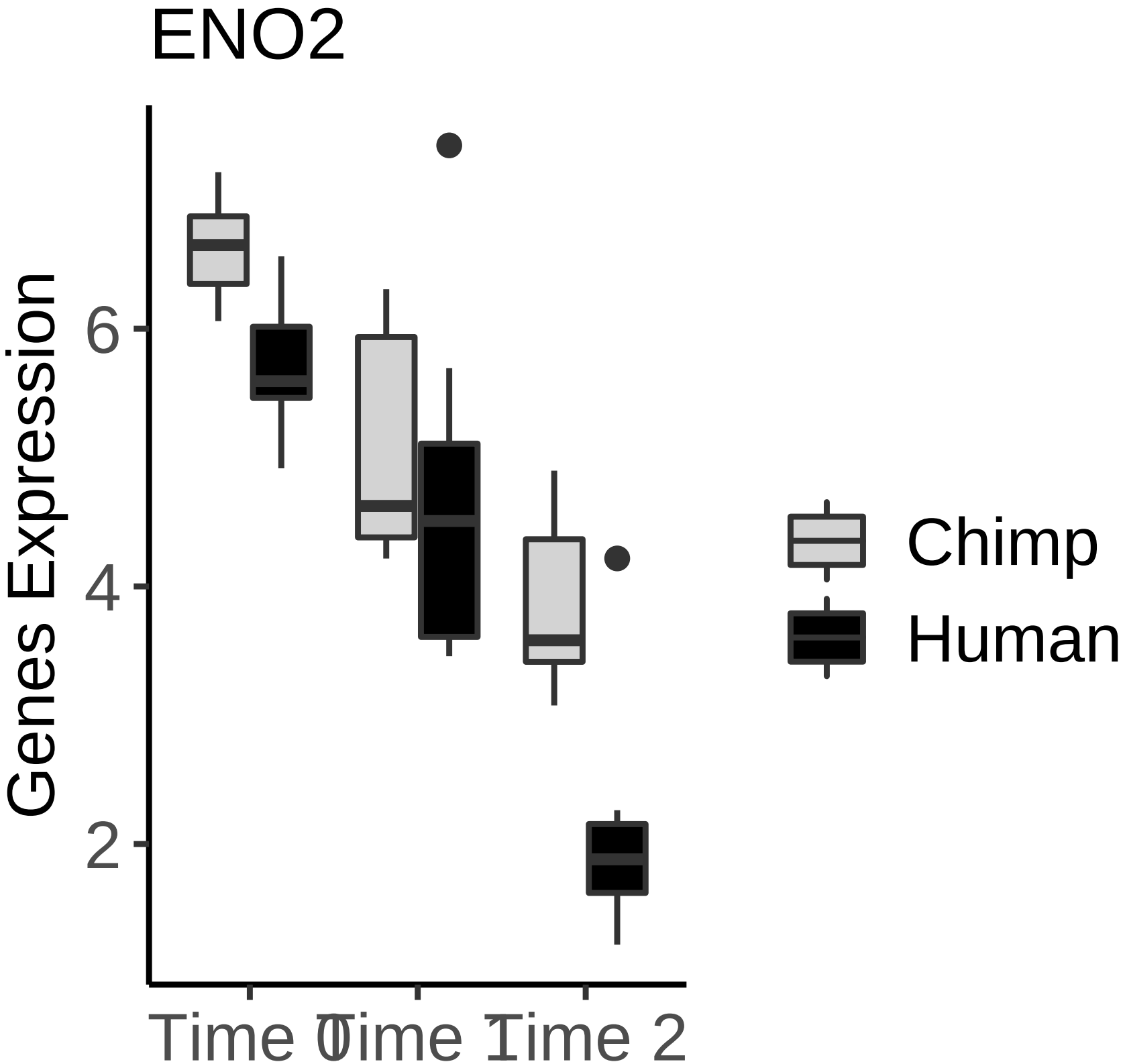
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4
2
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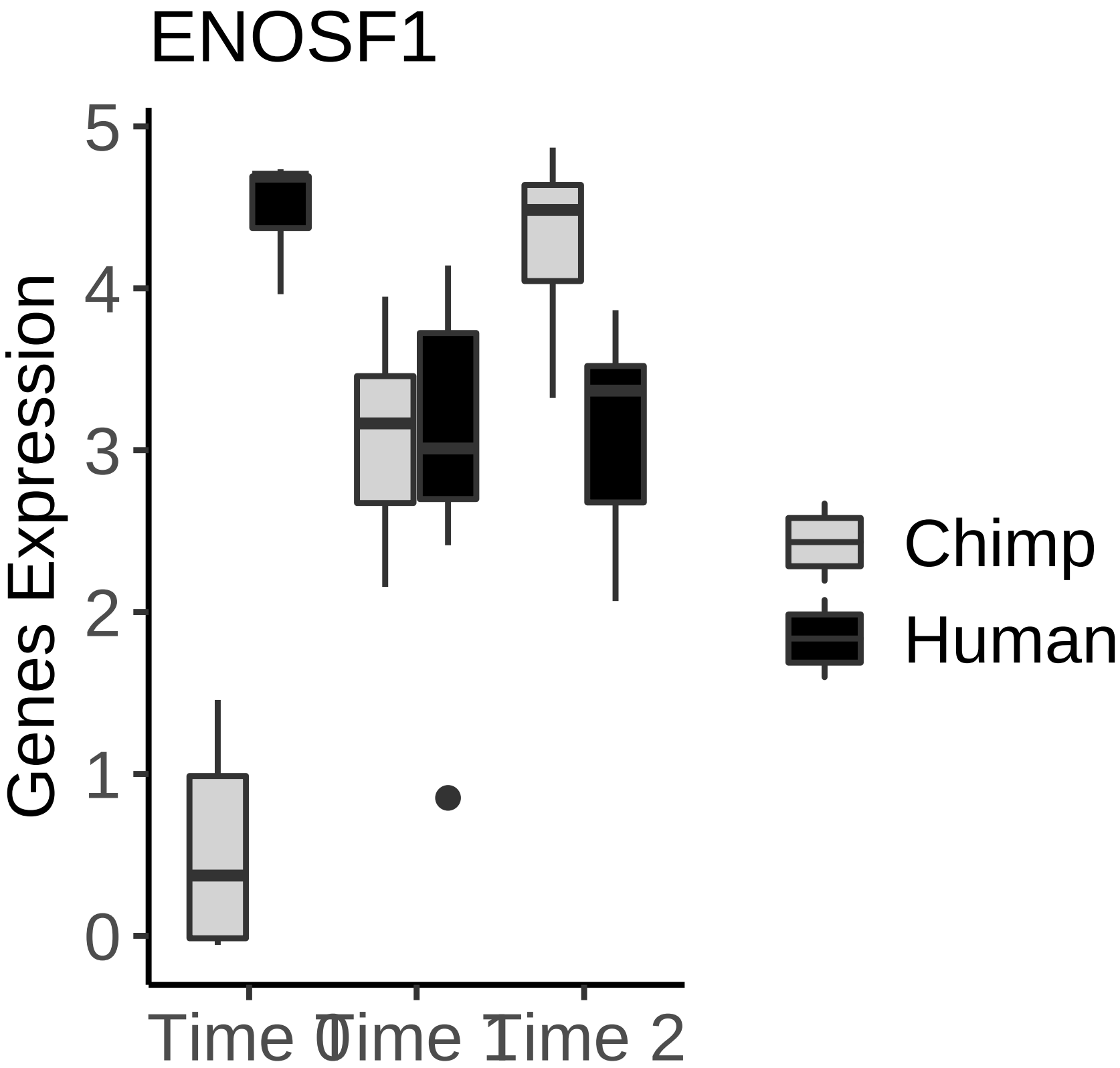
Time 1
Time 2
Chimp
Human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1
0
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Time 1
Time 2
Chimp
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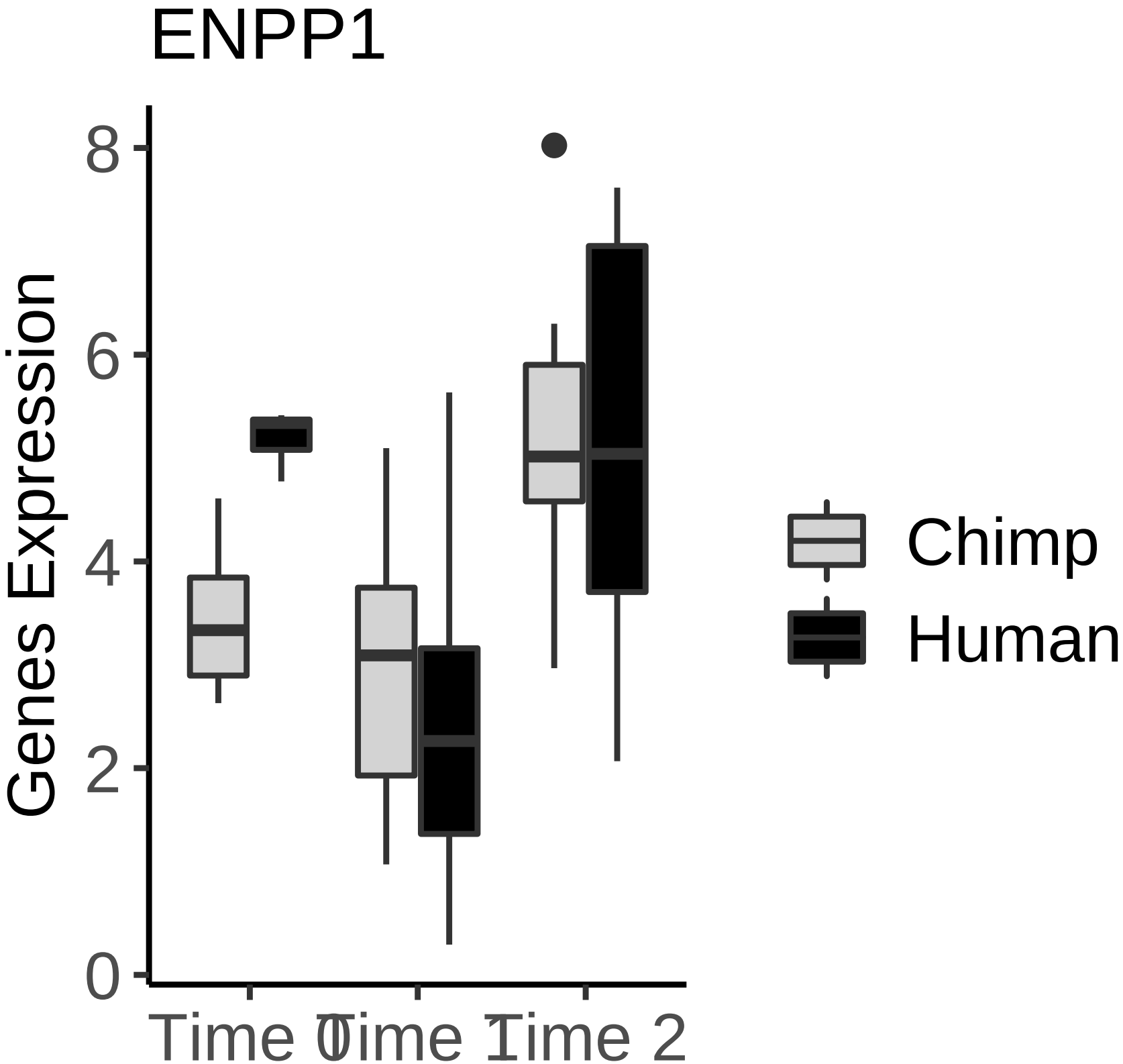
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Time 1
Time 2
Chimp
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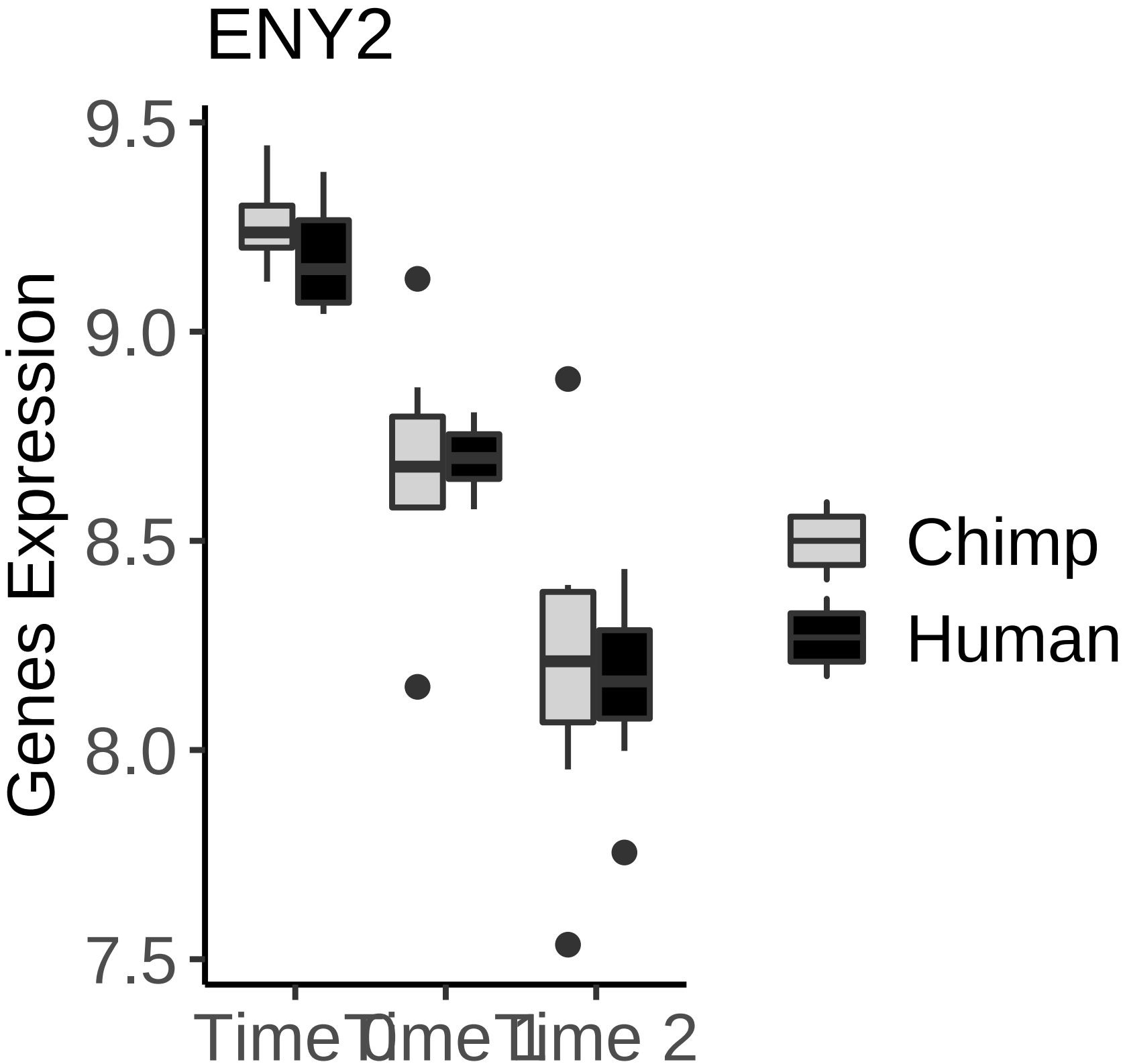
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Genes Expression
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8.0
7.5
Time 0
Time 1
Time 2
Chimp
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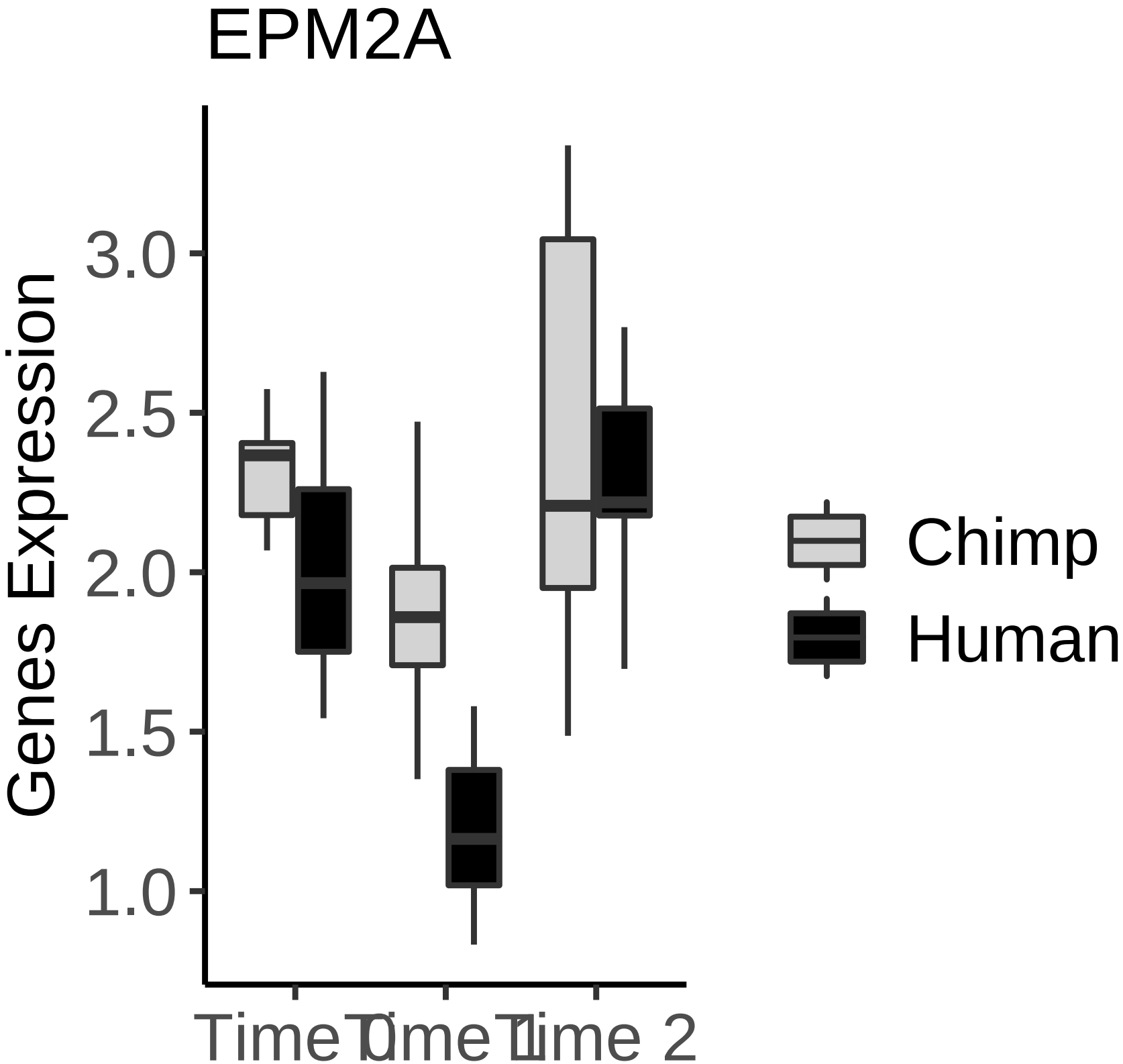
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Genes Expression
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2.0
1.5
1.0
Time 0
Time 1
Time 2
Chimp
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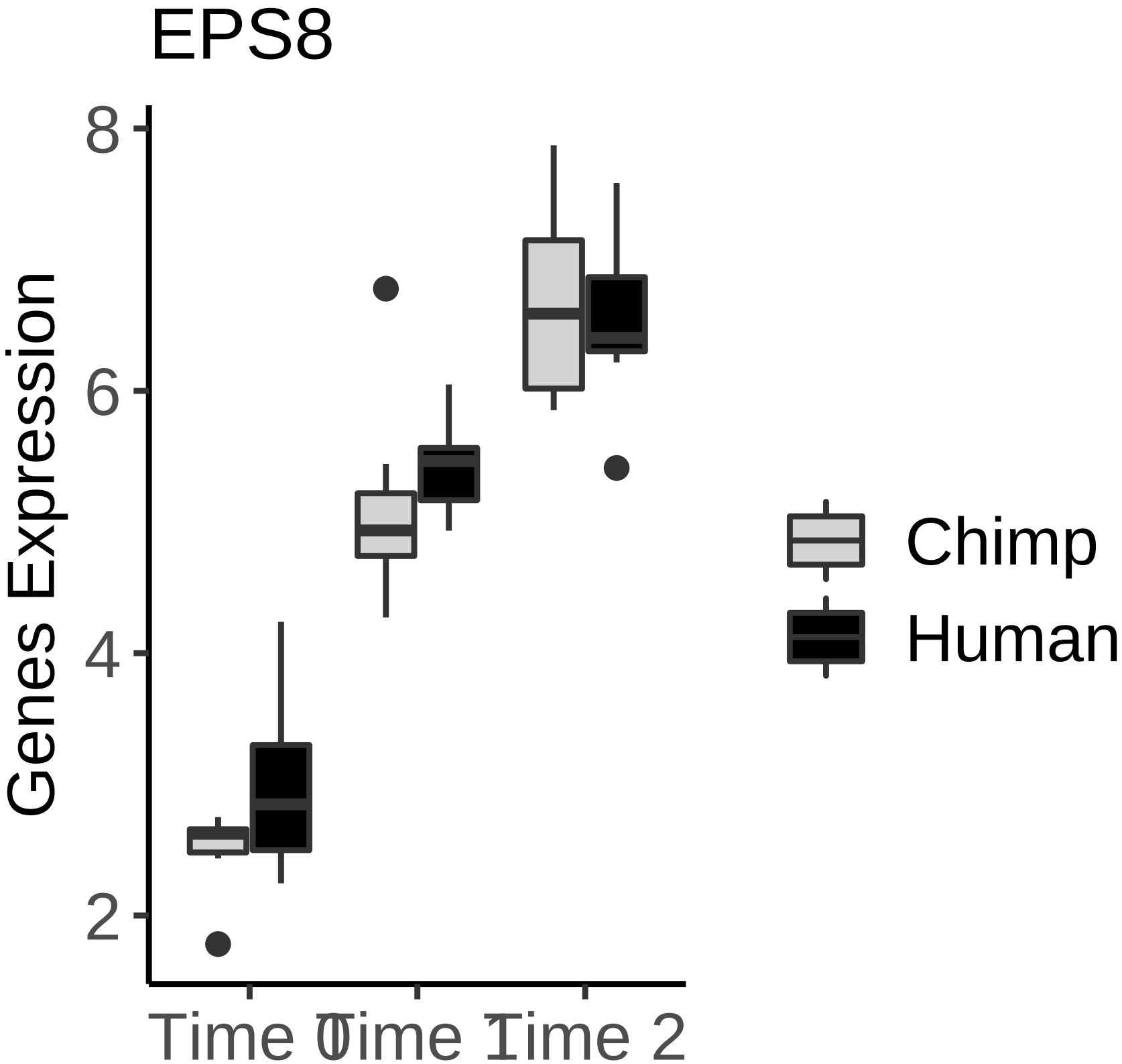
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8
6
4
2
Time 0
Time 1
Time 2
Chimp
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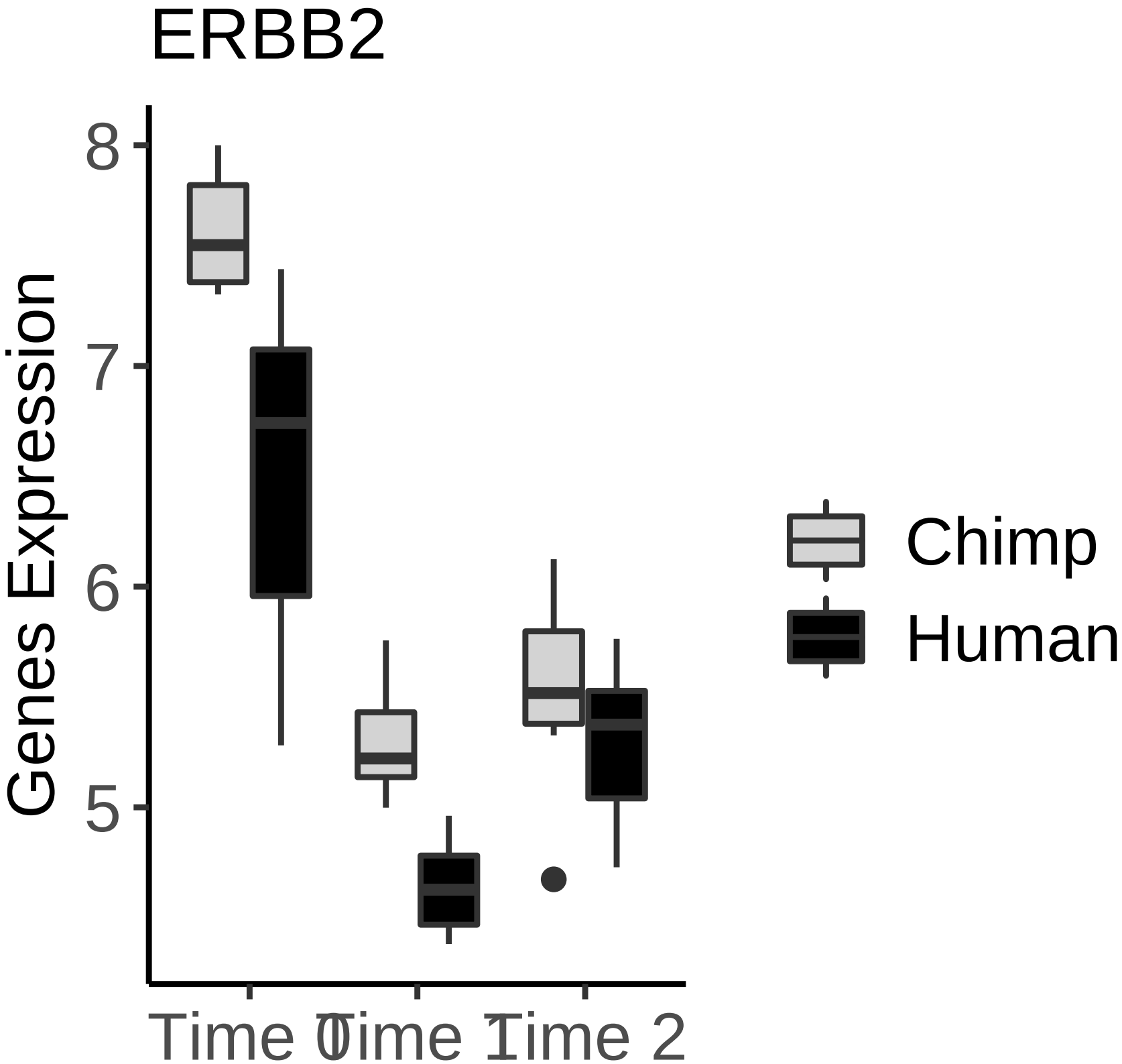
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8
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6
5
Time 0
Time 1
Time 2
Chimp
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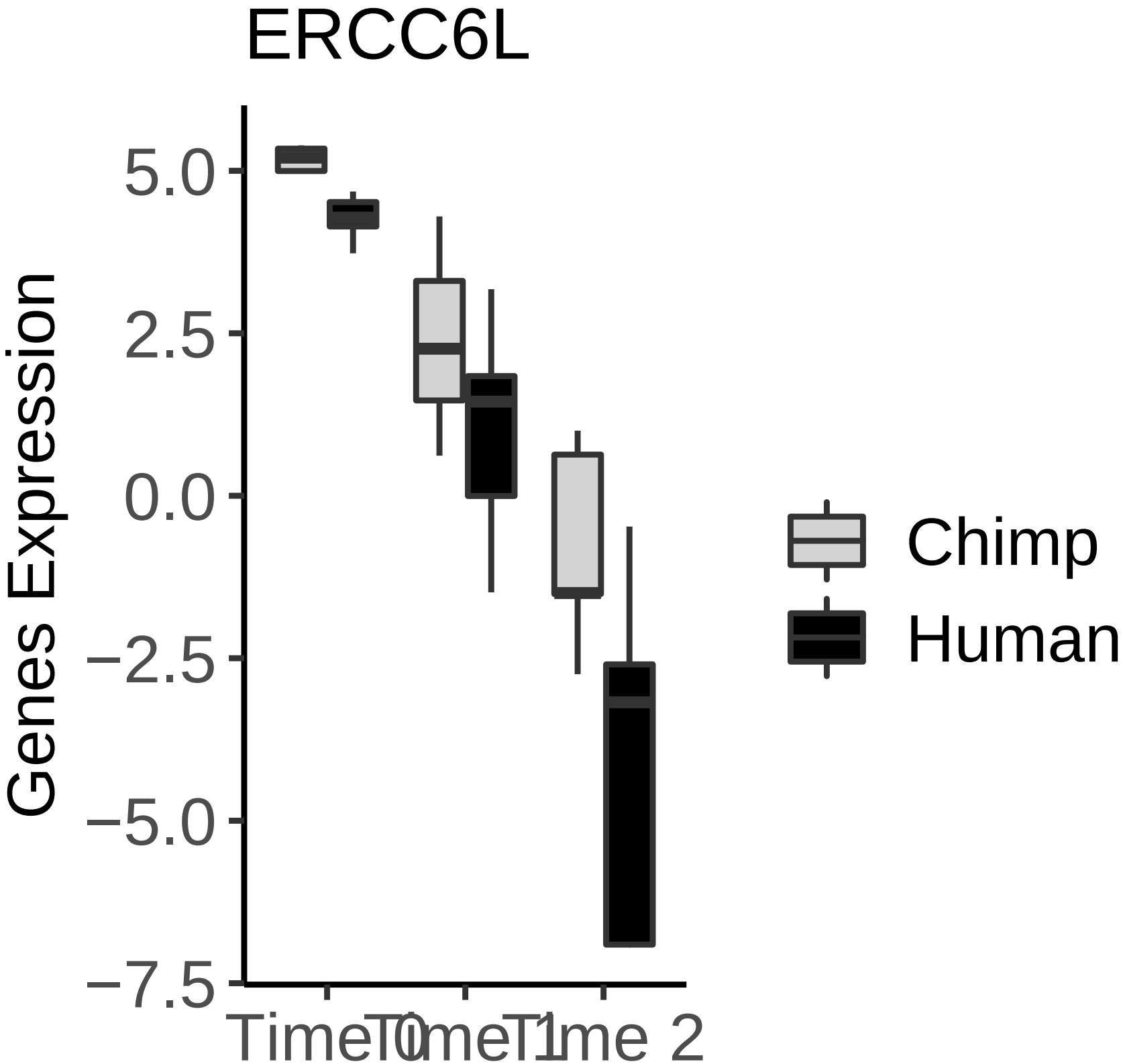
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−5.0
−7.5
Time 0
Time 1
Time 2
Chimp
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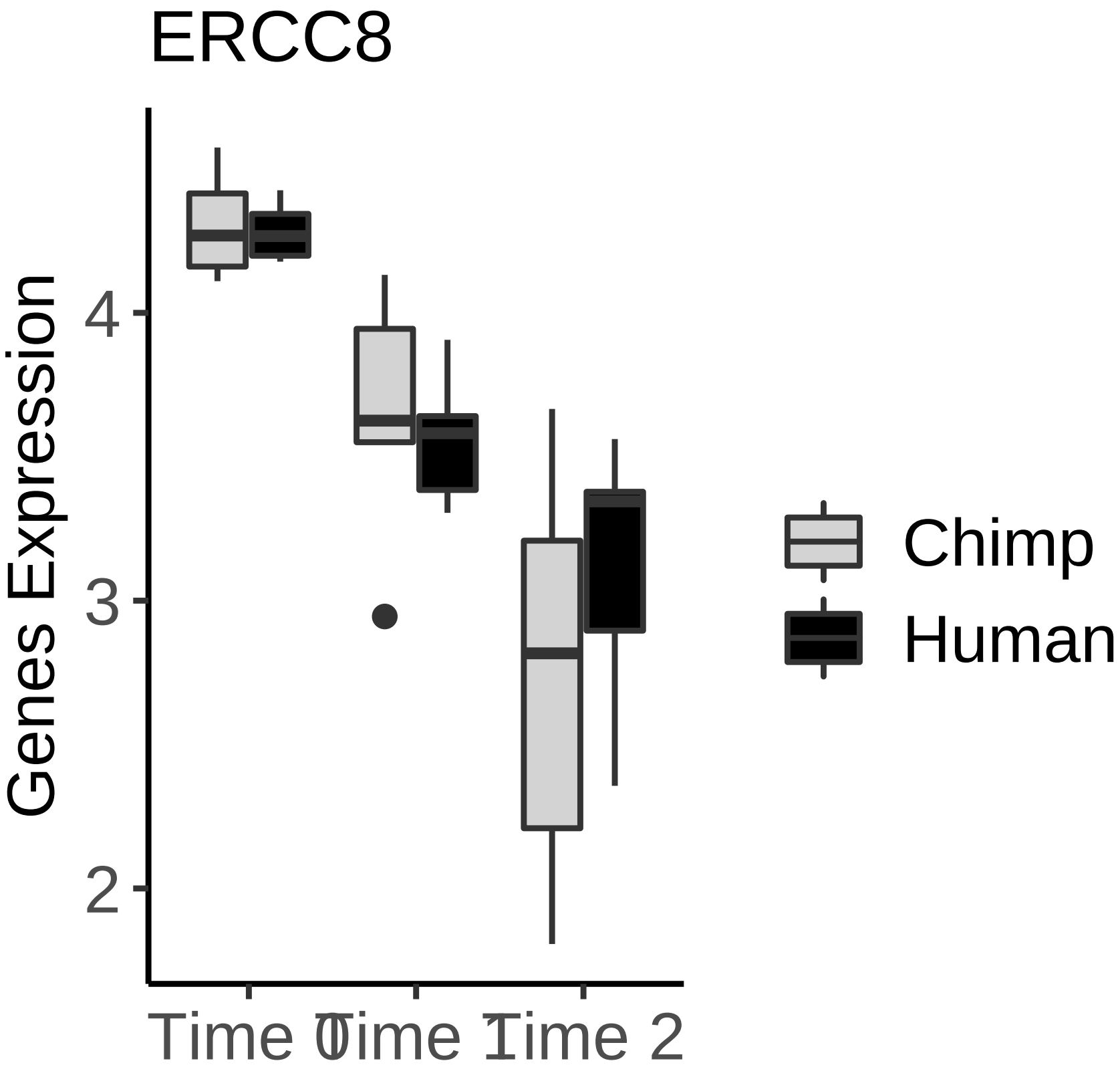
ERCC8
Genes Expression
4
3
2
Time 0
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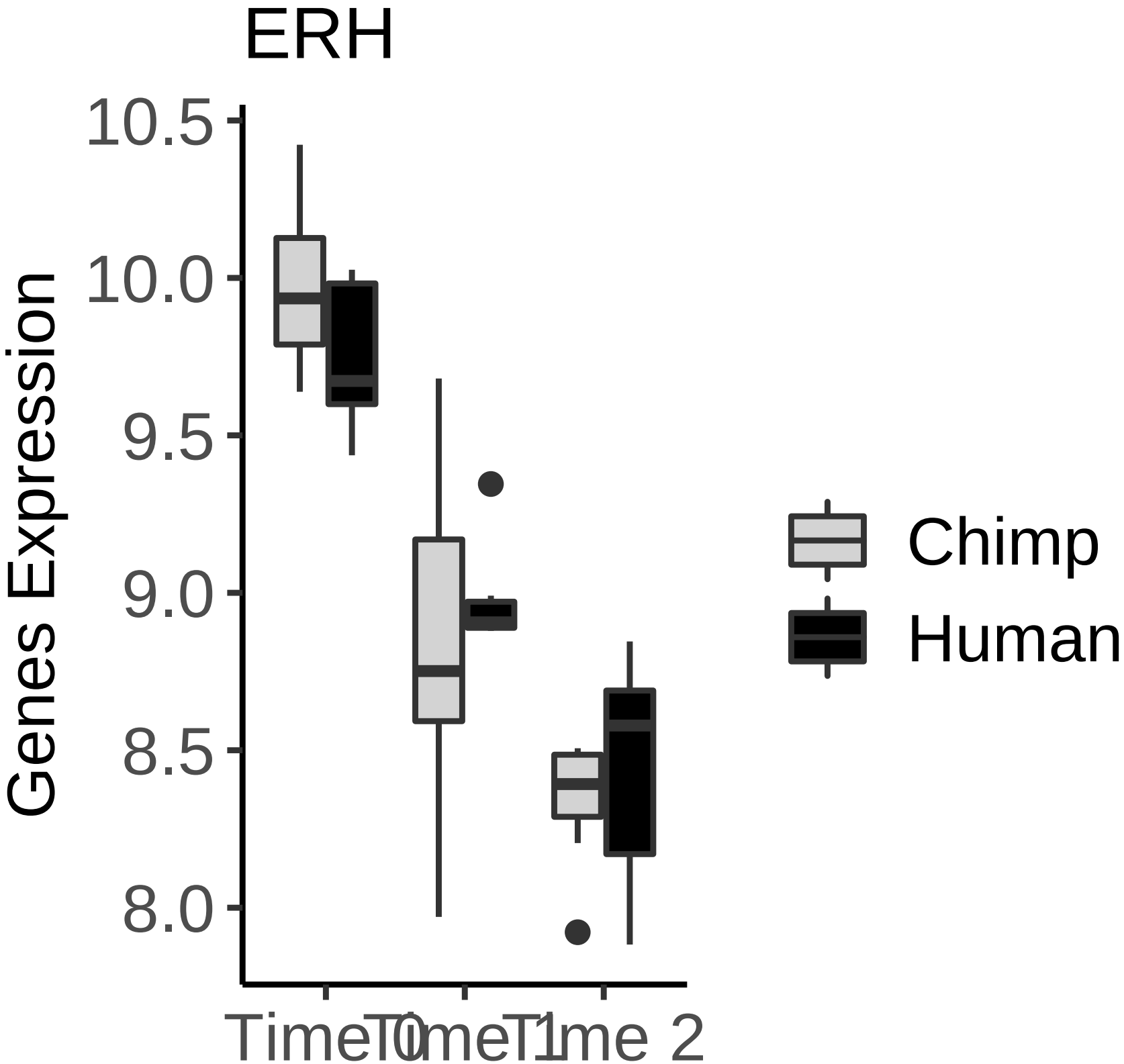
Time 2
Chimp
Human


ERH
Genes Expression
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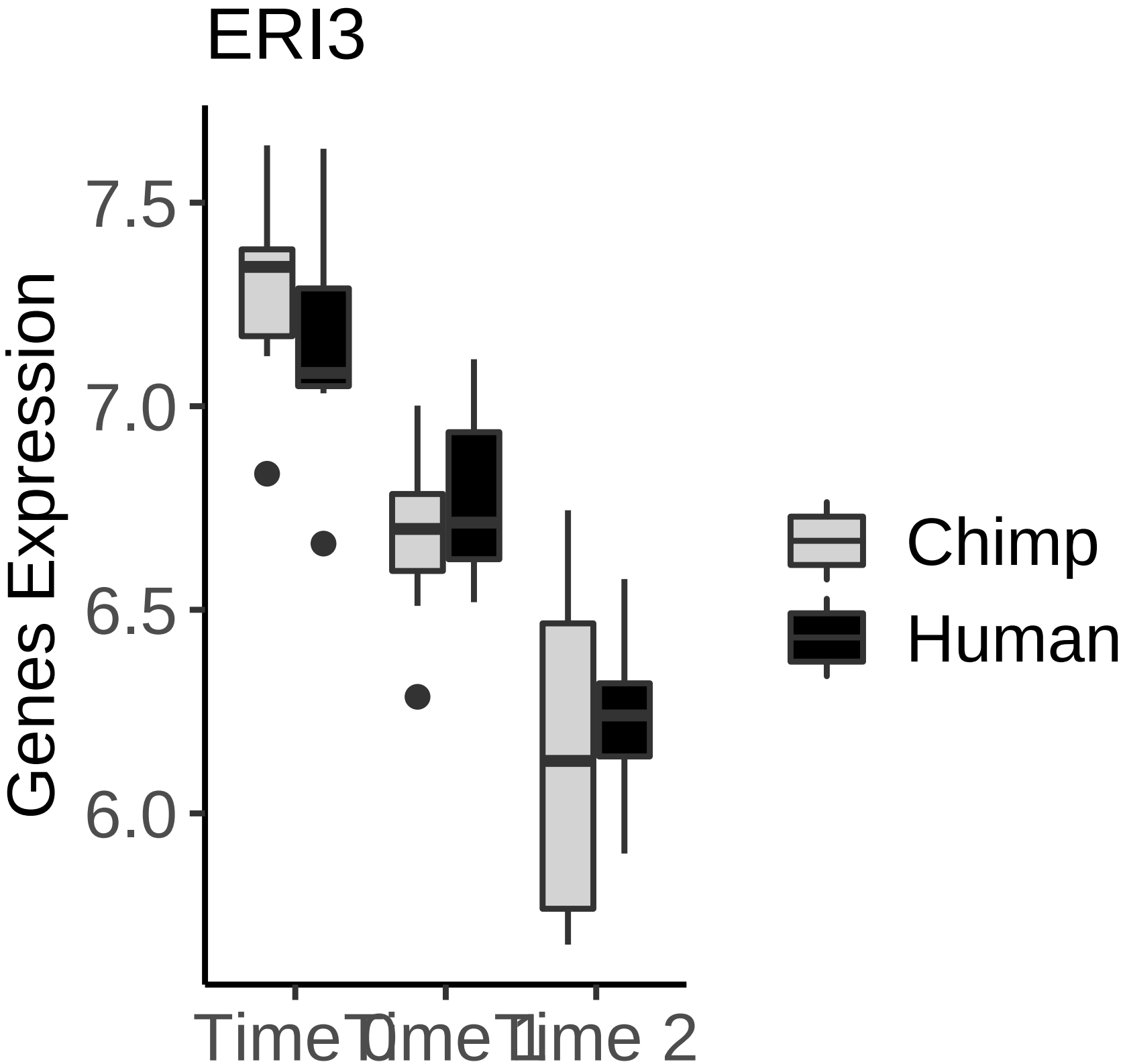
9.0
8.5
8.0
Time 0
Time 1
Time 2
Chimp
Human


ERI3
Genes Expression
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6.0
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Time 1
Time 2
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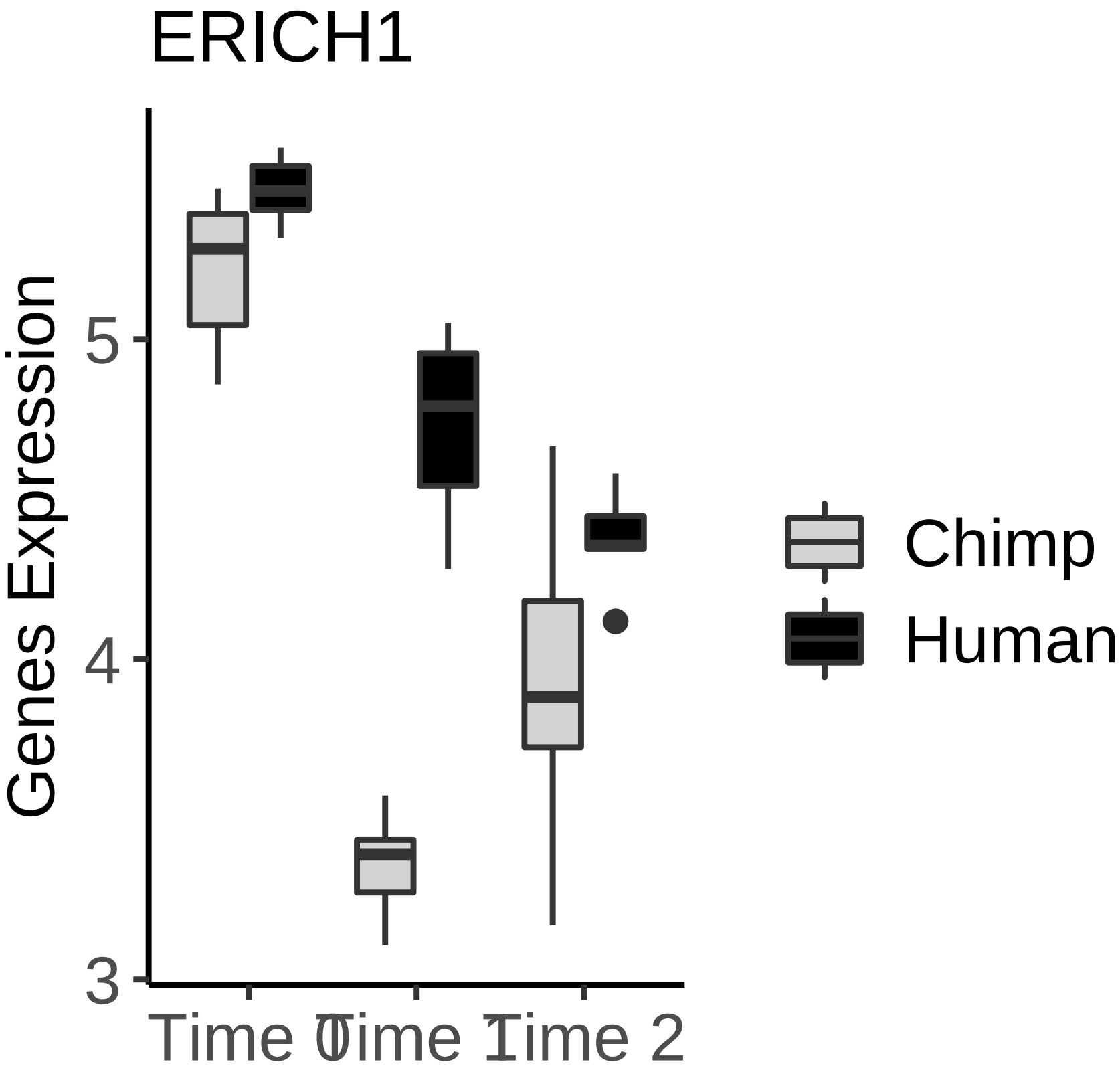
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Genes Expression
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3
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Time 2
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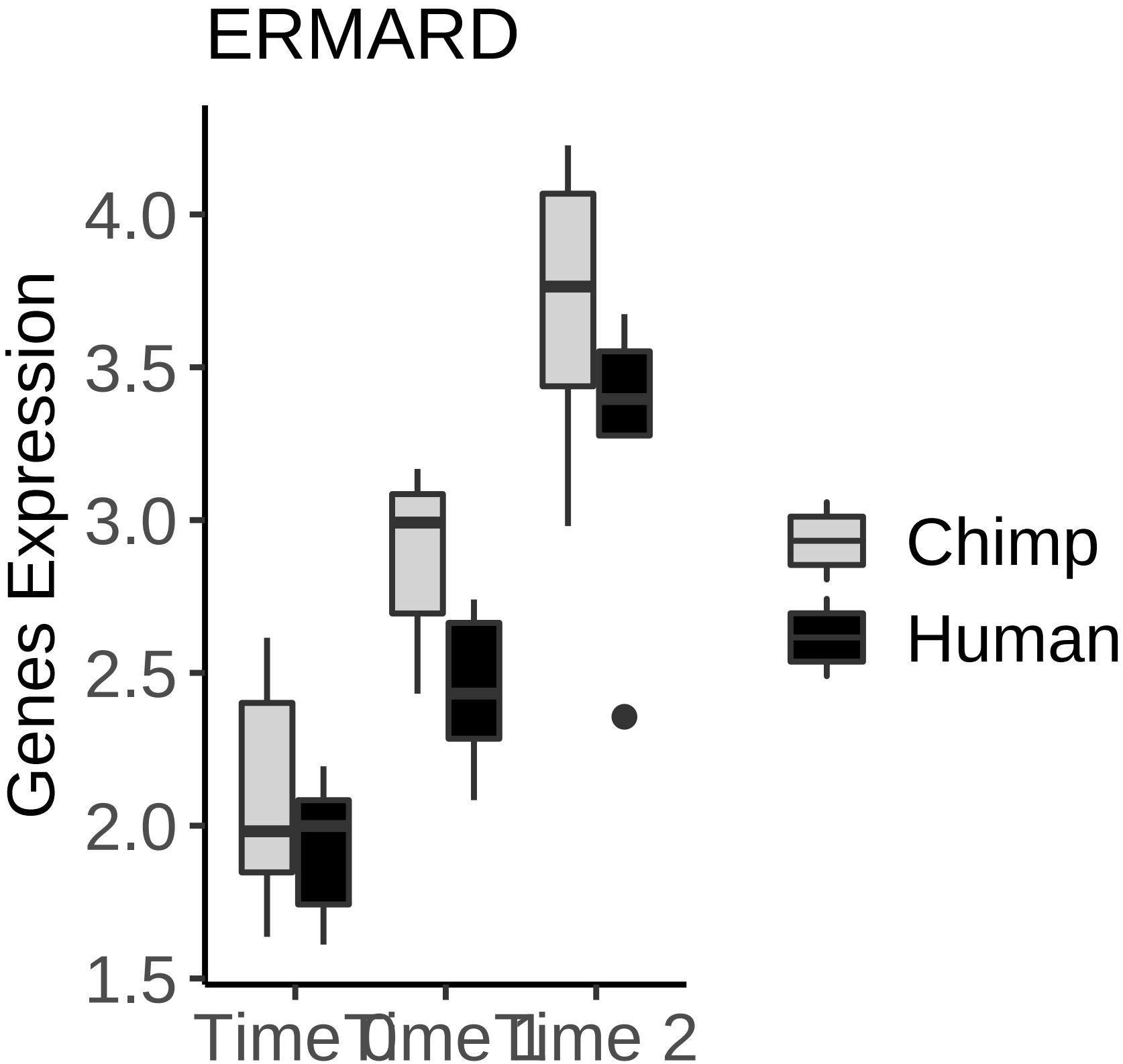
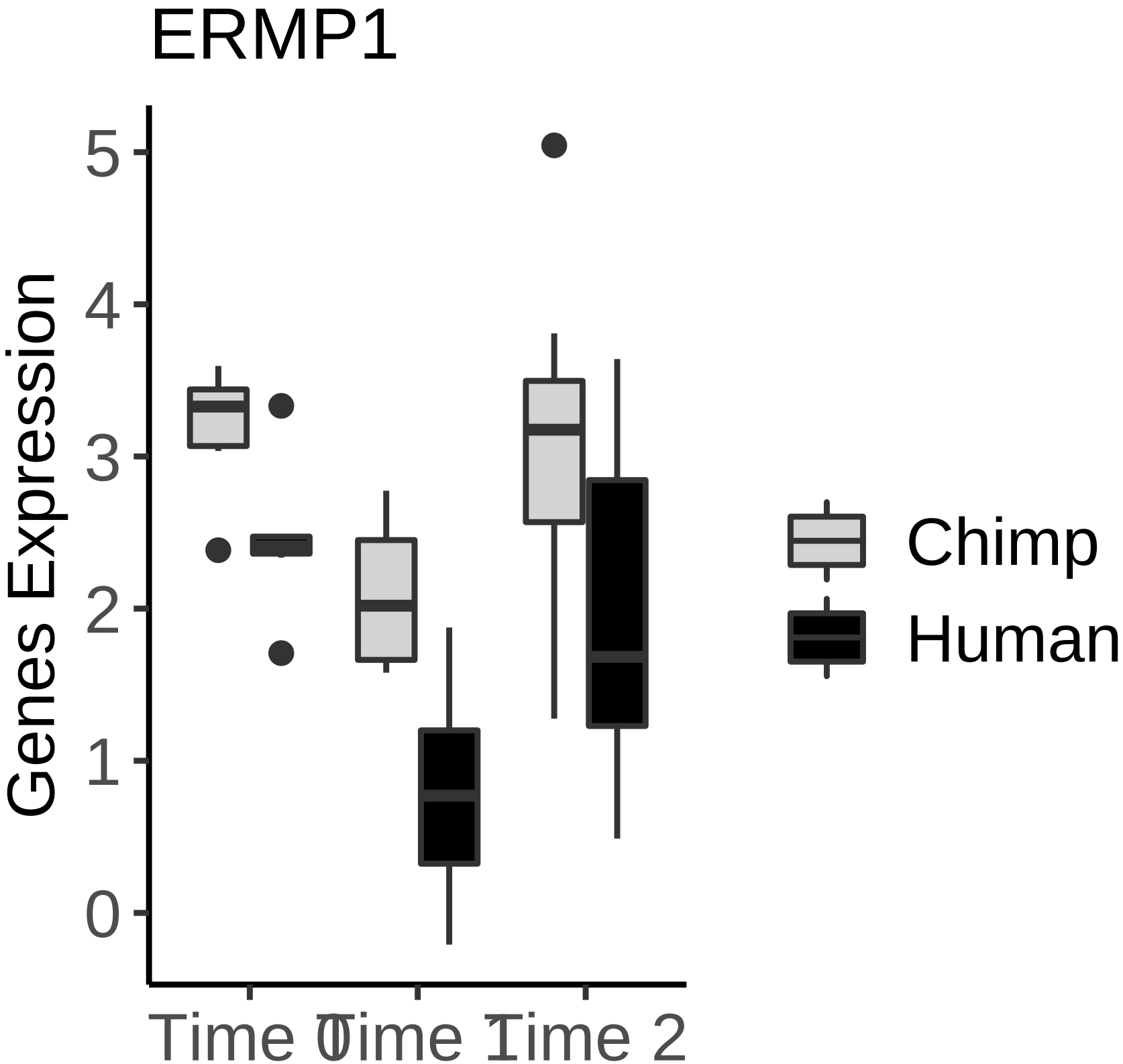

ERMARD
Genes Expression
4.0
3.5
3.0
2.5
2.0
1.5
Time 0
Time 1
Time 2
Chimp
Human


ERMP1
Genes Expression
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4
3
2
1
0
Time 0
Time 1
Time 2
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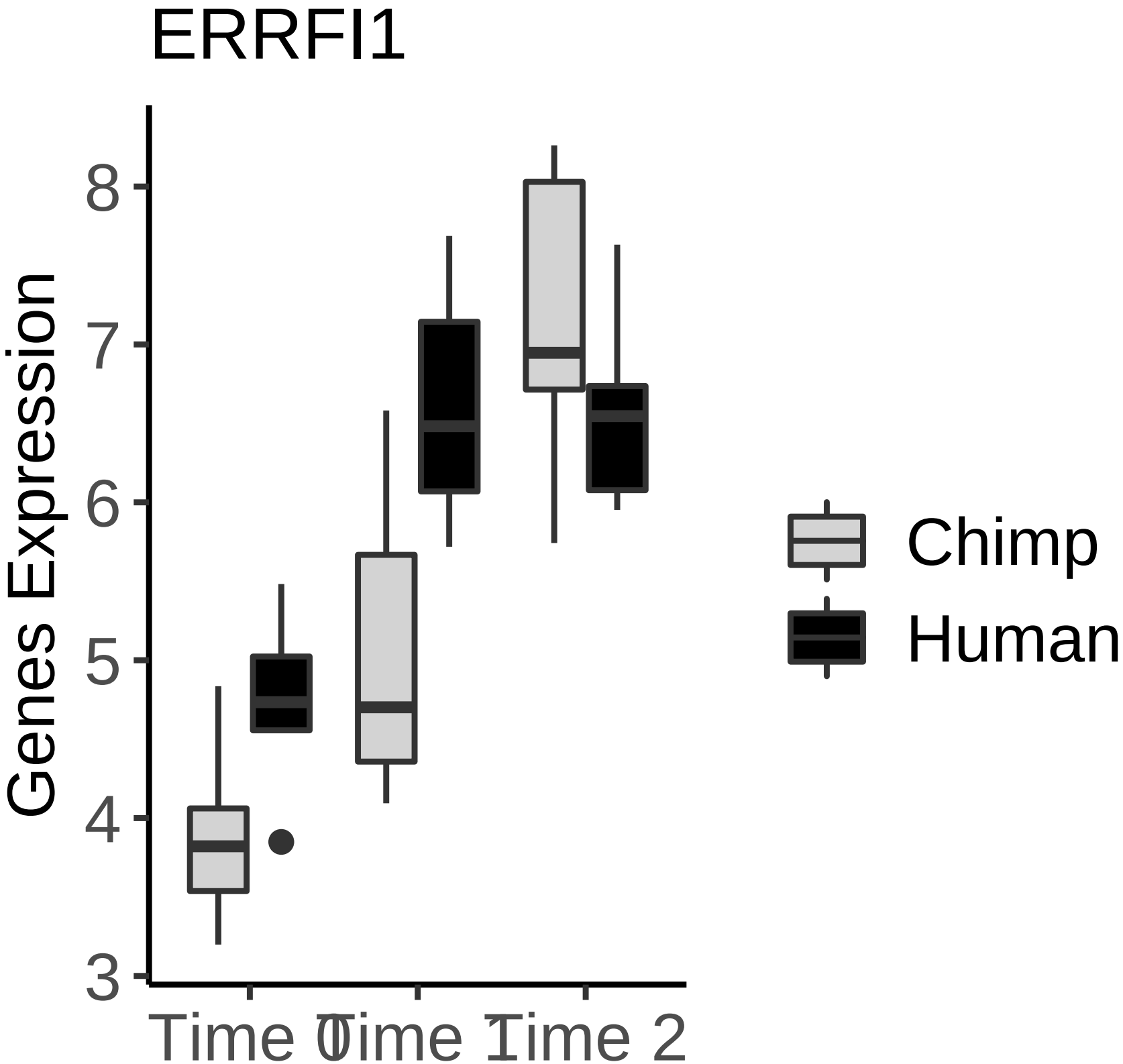
ERRFI1
Genes Expression
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7
6
5
4
3
Time 0
Time 1
Time 2
Chimp
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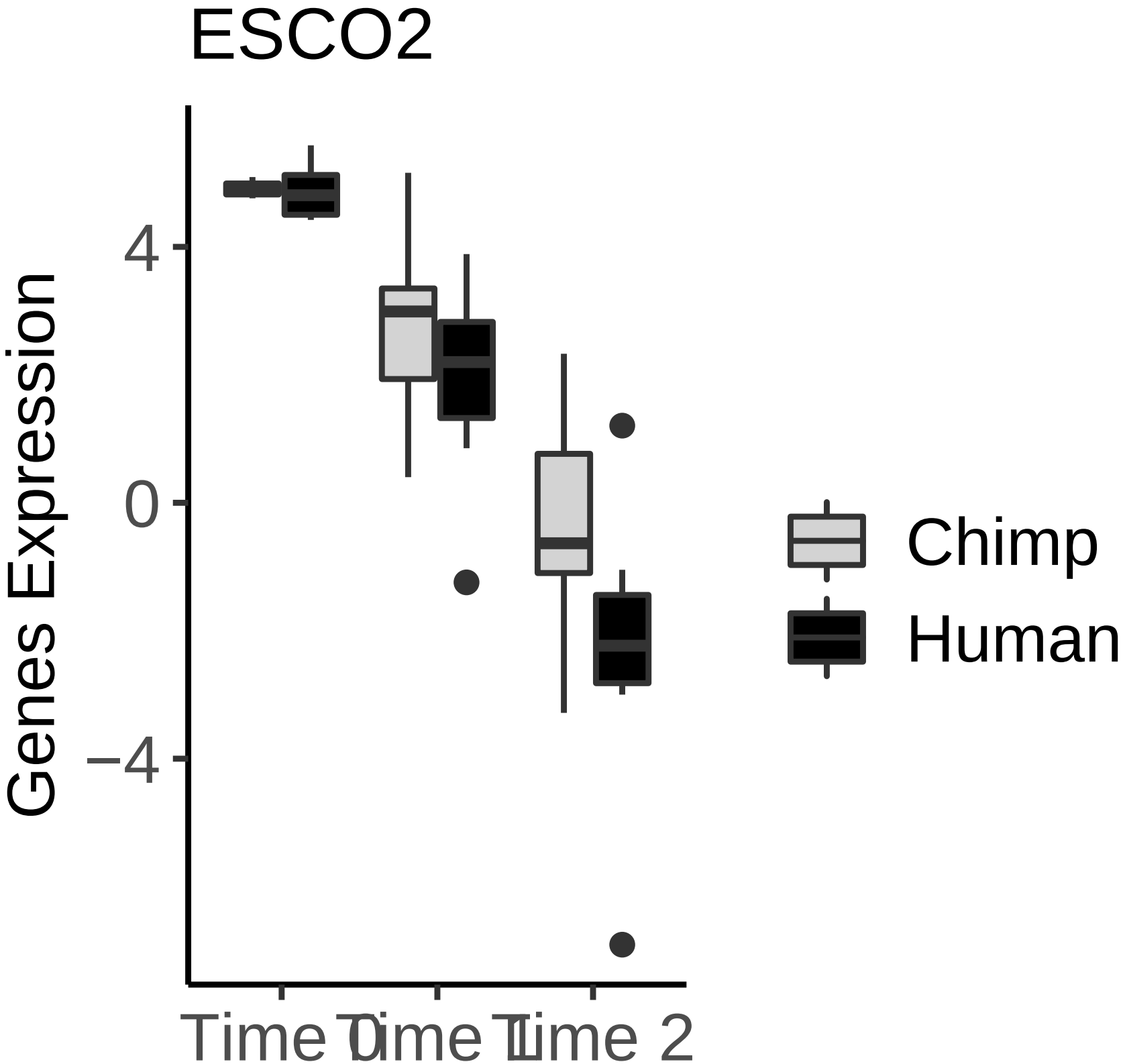
ESCO2
Genes Expression
4
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−4
Time 0
Time 1
Time 2
Chimp
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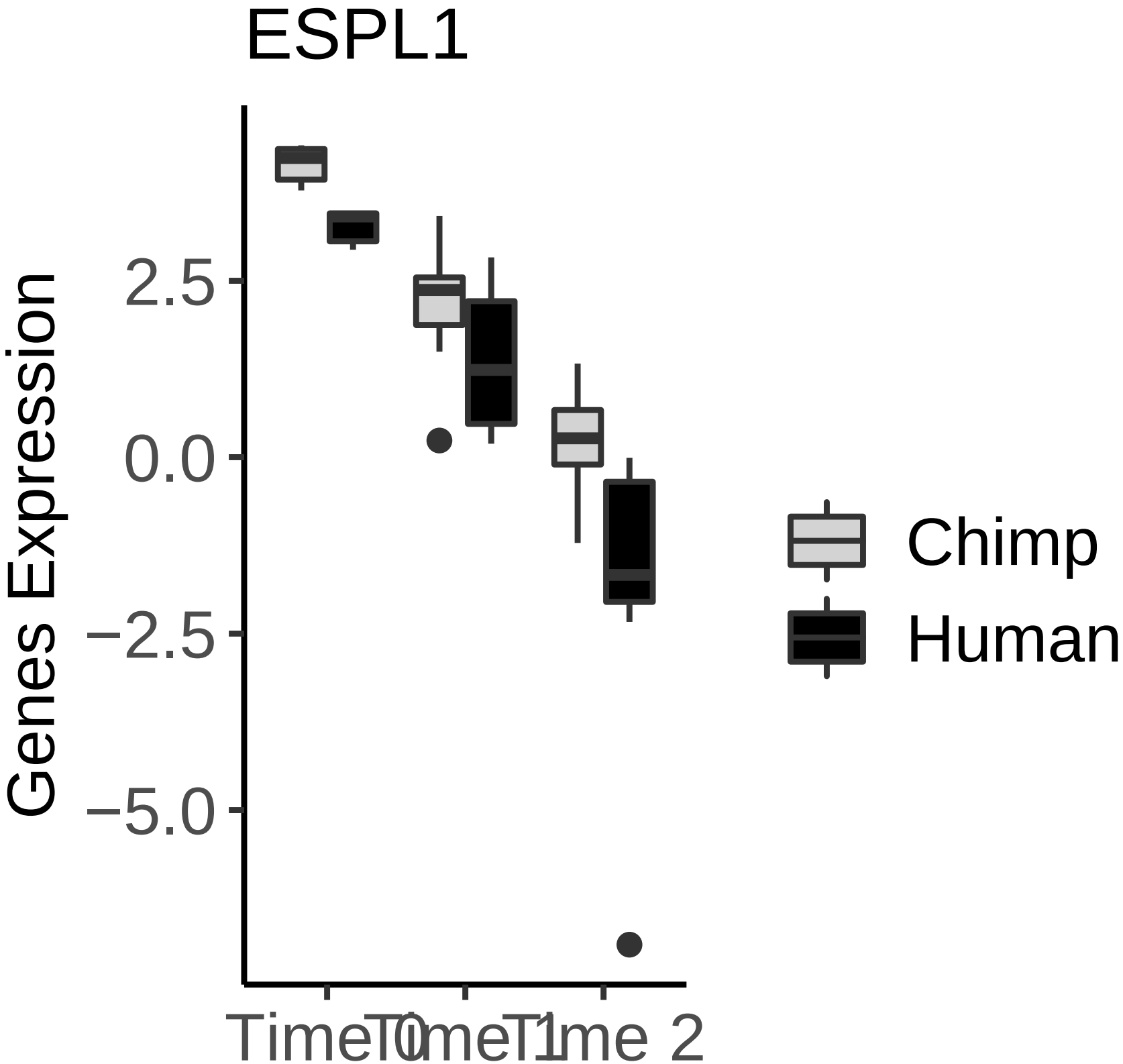
ESPL1
Genes Expression
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−2.5
−5.0
Time 0
Time 1
Time 2
Chimp
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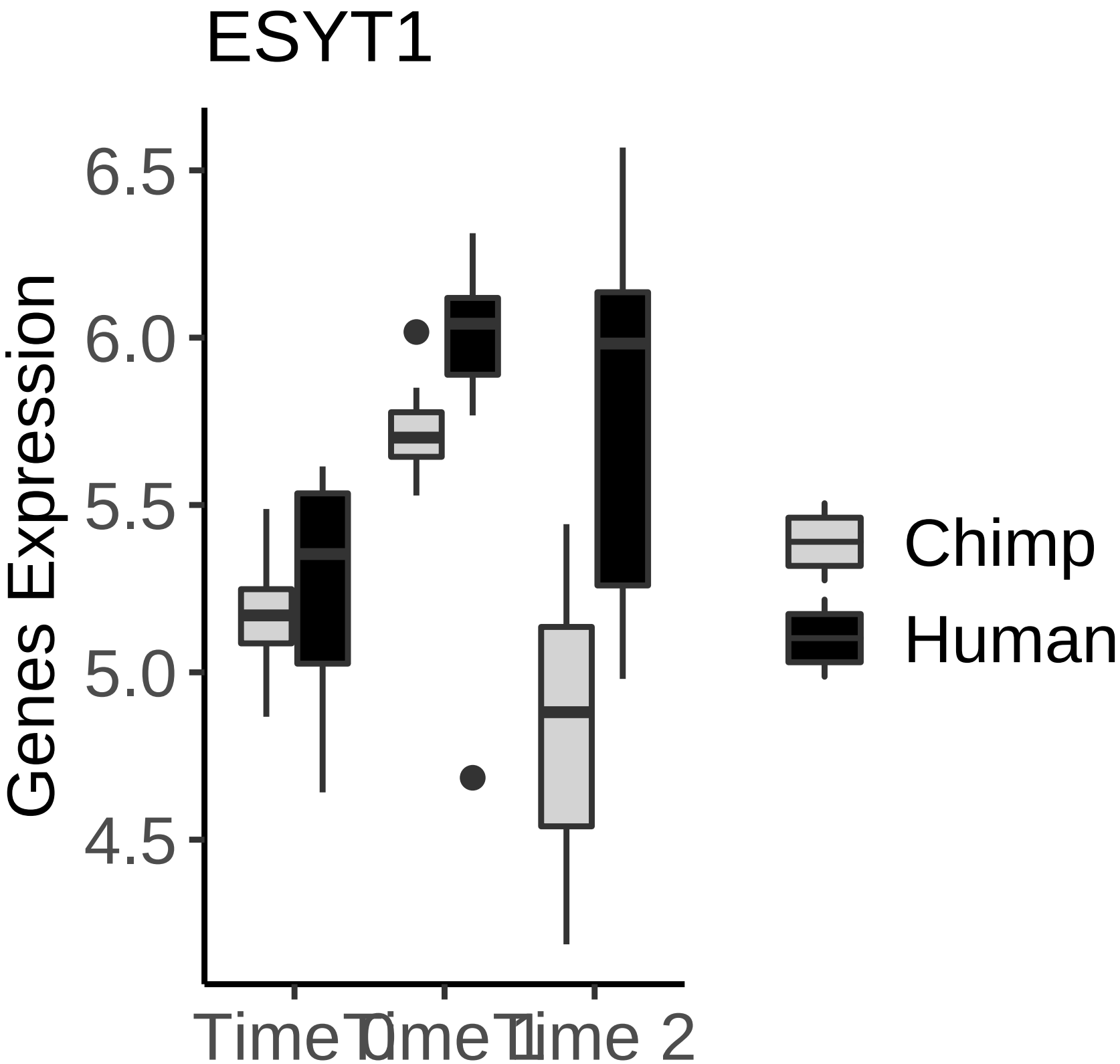
ESYT1
Genes Expression
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6.0
5.5
5.0
4.5
Time 0
Time 1
Time 2
Chimp
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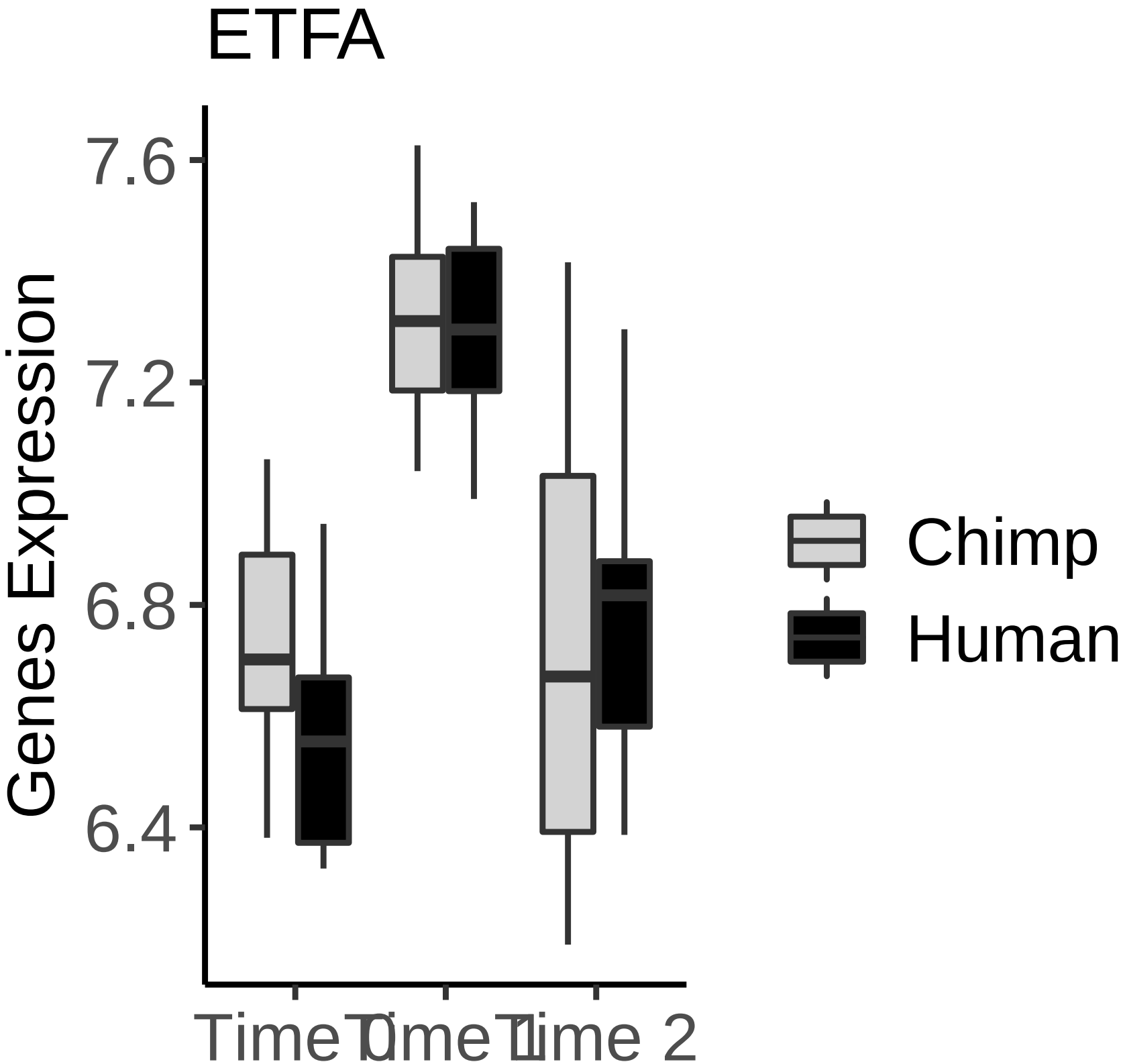
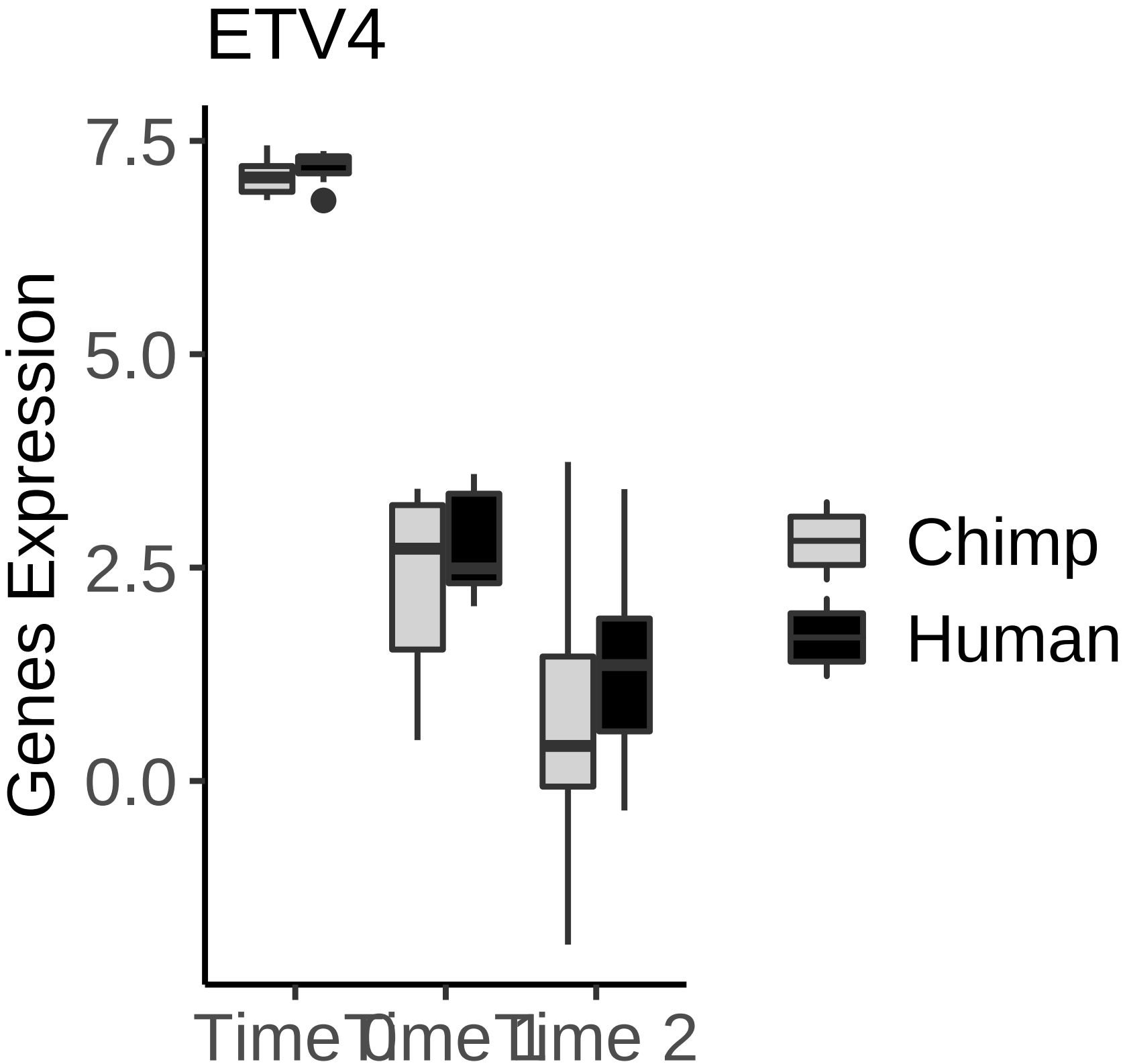
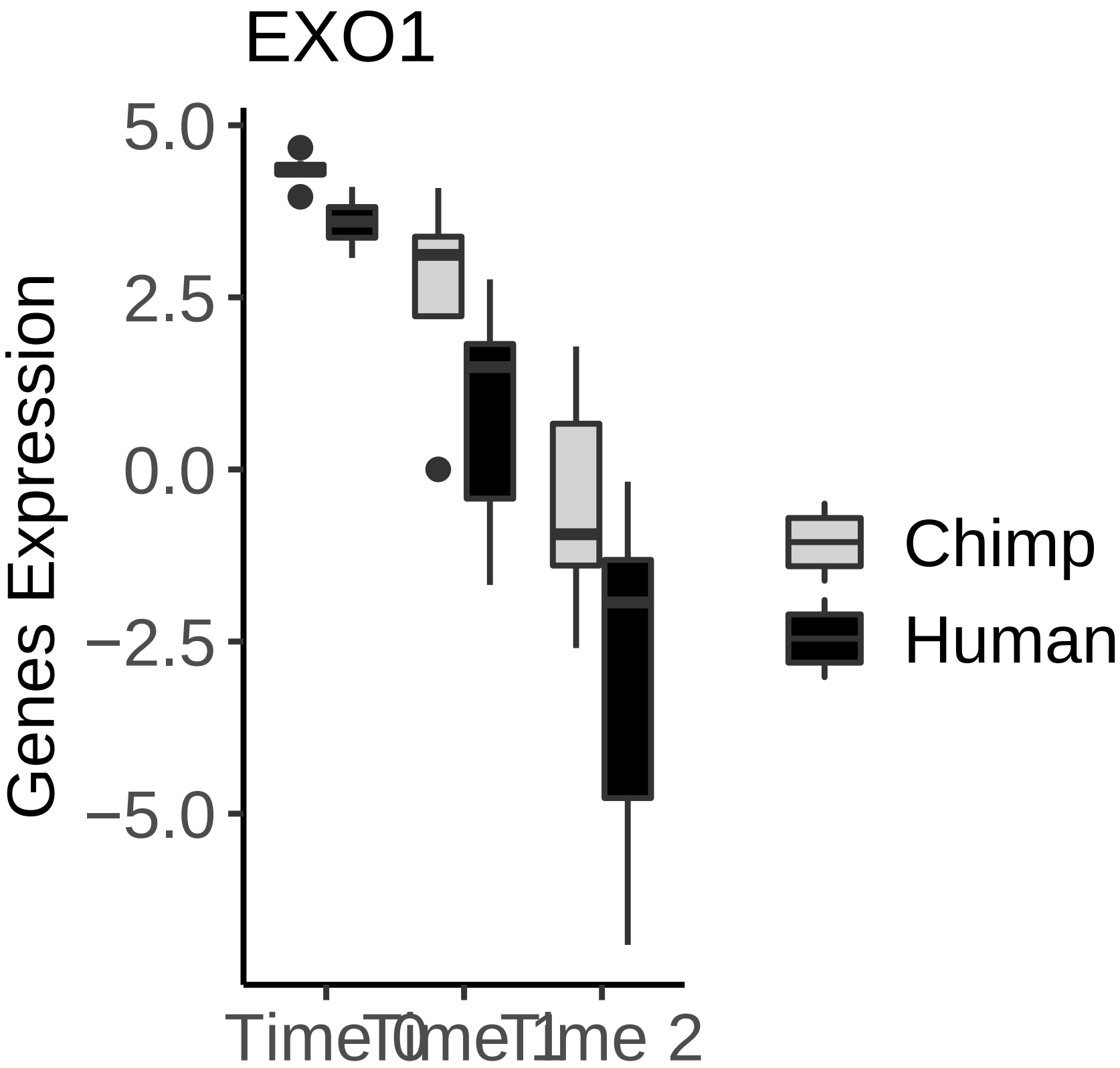

ETFA
Genes Expression
7.6
7.2
6.8
6.4
Time 0
Time 1
Time 2
Chimp
Human


ETV4
Genes Expression
7.5
5.0
2.5
0.0
Time 0
Time 1
Time 2
Chimp
Human


EXO1
Genes Expression
5.0
2.5
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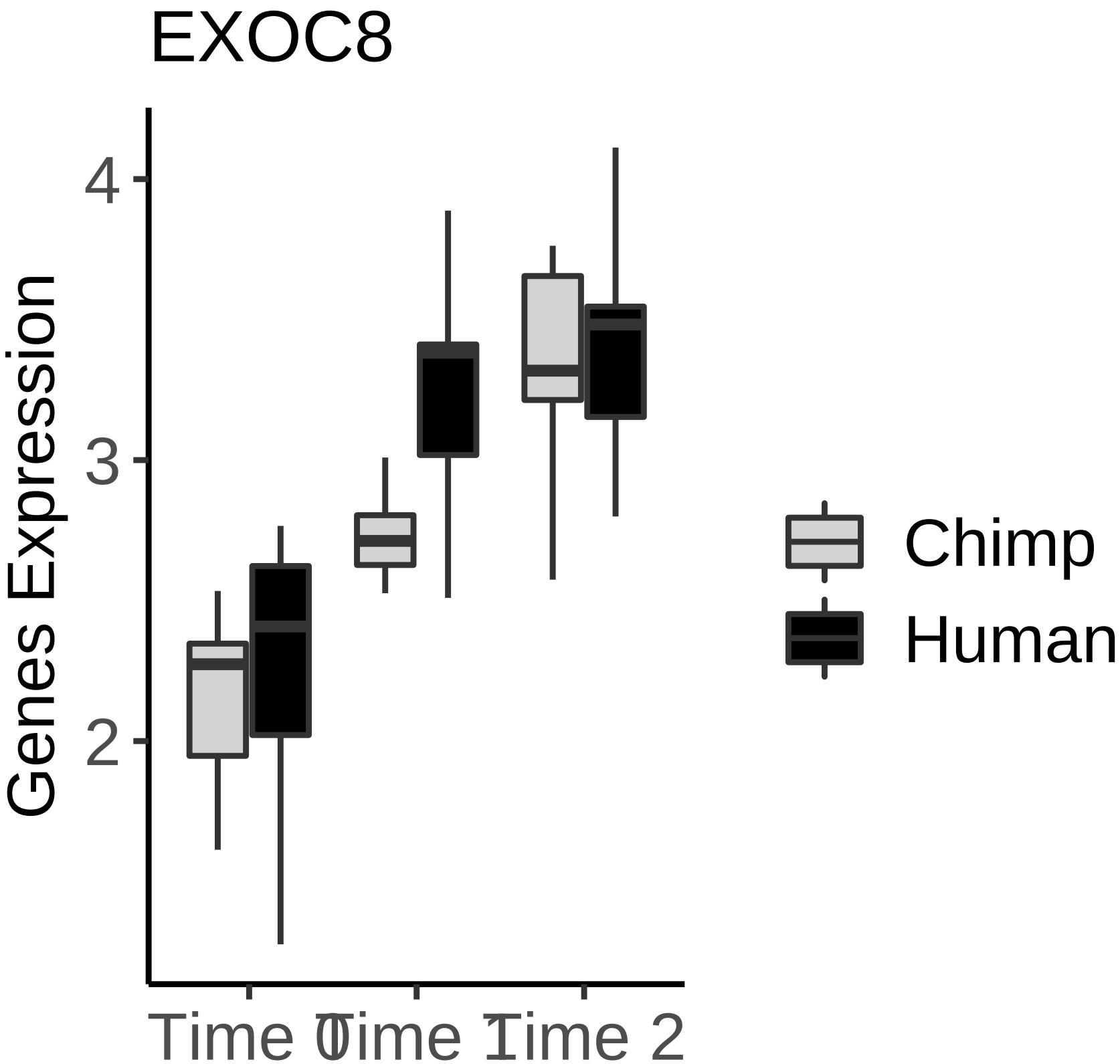
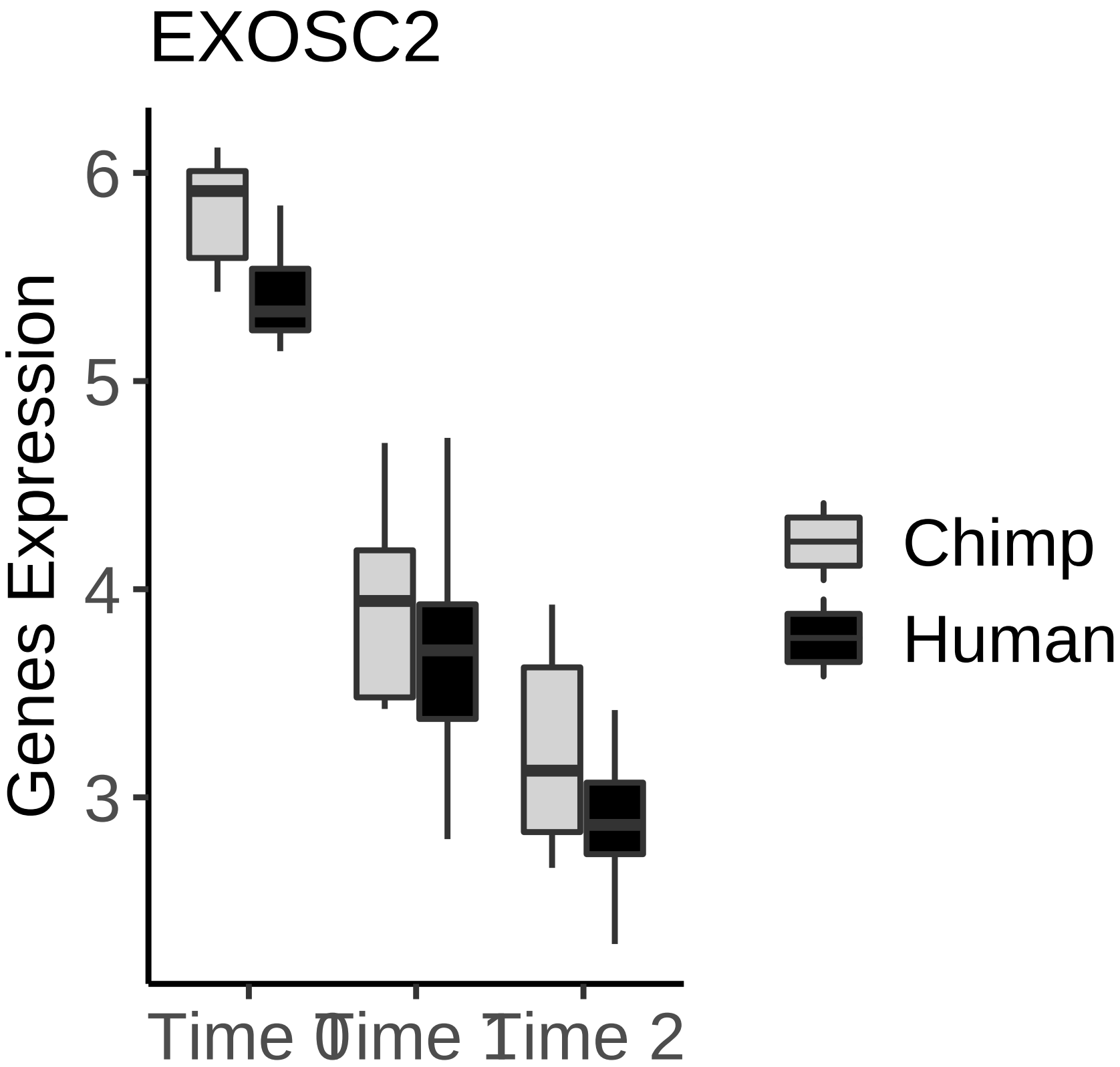
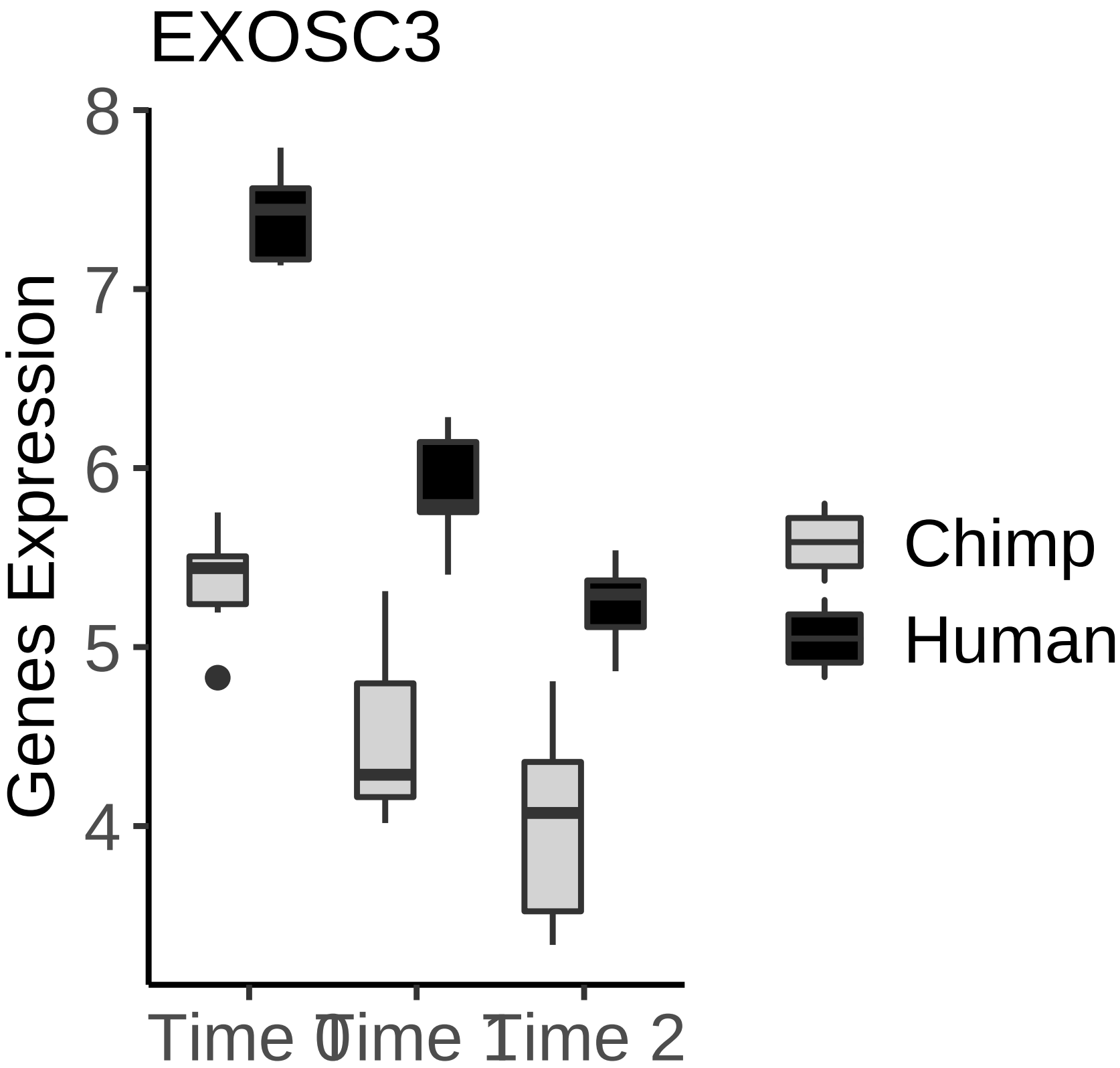
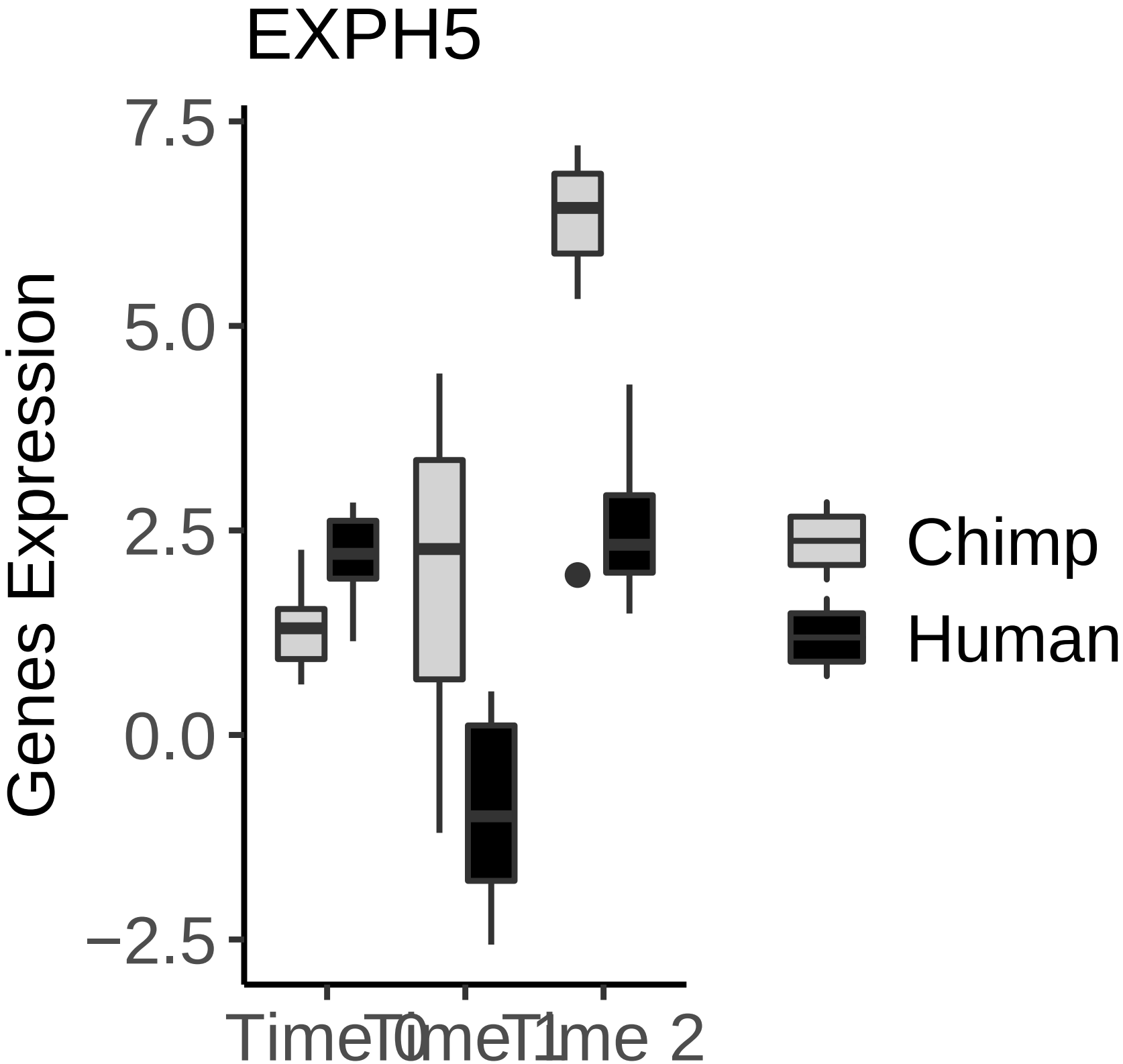
−5.0
Time 0
Time 1
Time 2
Chimp
Human


EXOC8
Genes Expression
4
3
2
Time 0
Time 1
Time 2
Chimp
Human


EXOSC2
Genes Expression
6
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


EXOSC3
Genes Expression
8
7
6
5
4
Time 0
Time 1
Time 2
Chimp
Human


EXPH5
Genes Expression
7.5
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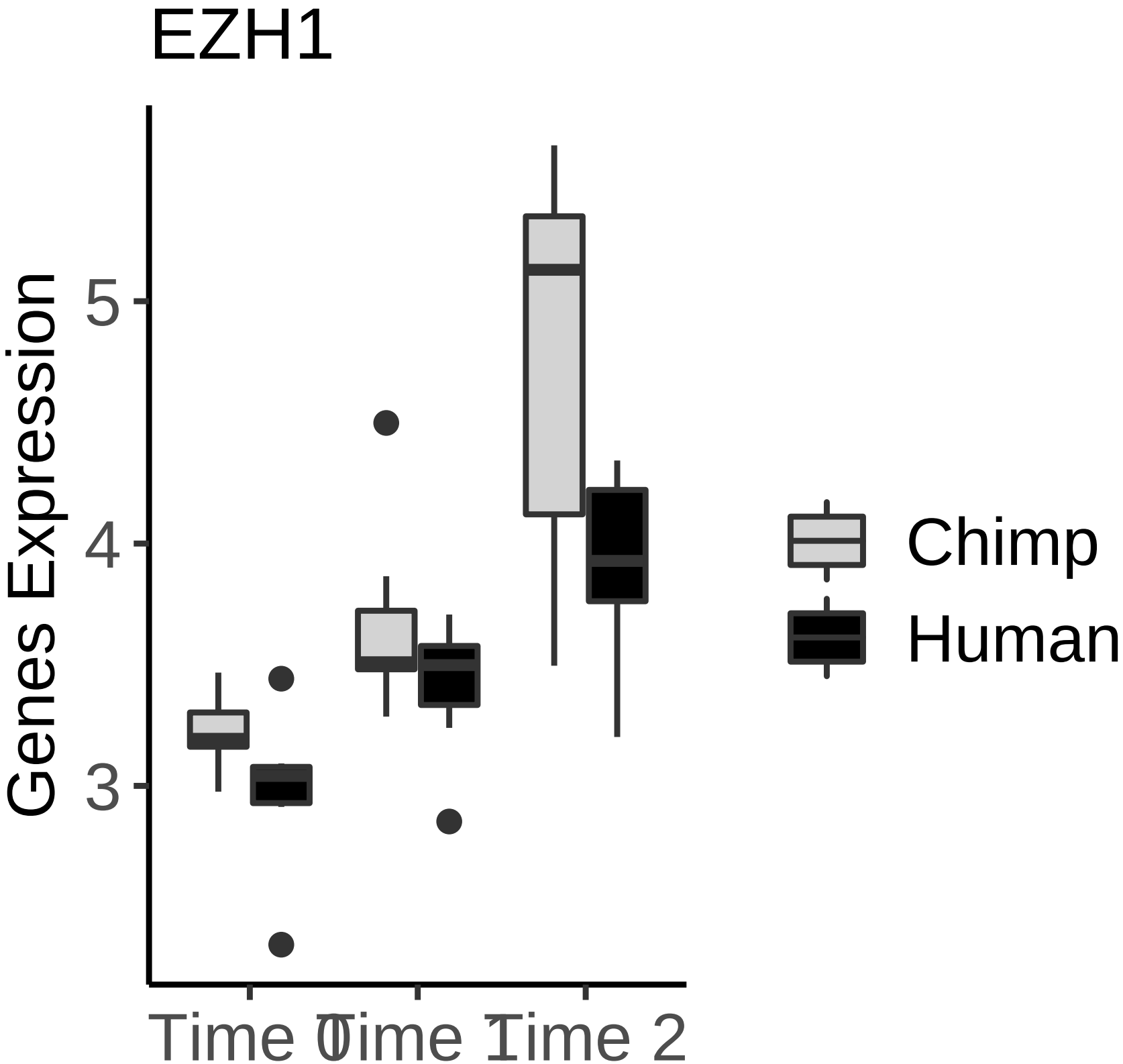
2.5
0.0
−2.5
Time 0
Time 1
Time 2
Chimp
Human


EZH1
Genes Expression
5
4
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Time 2
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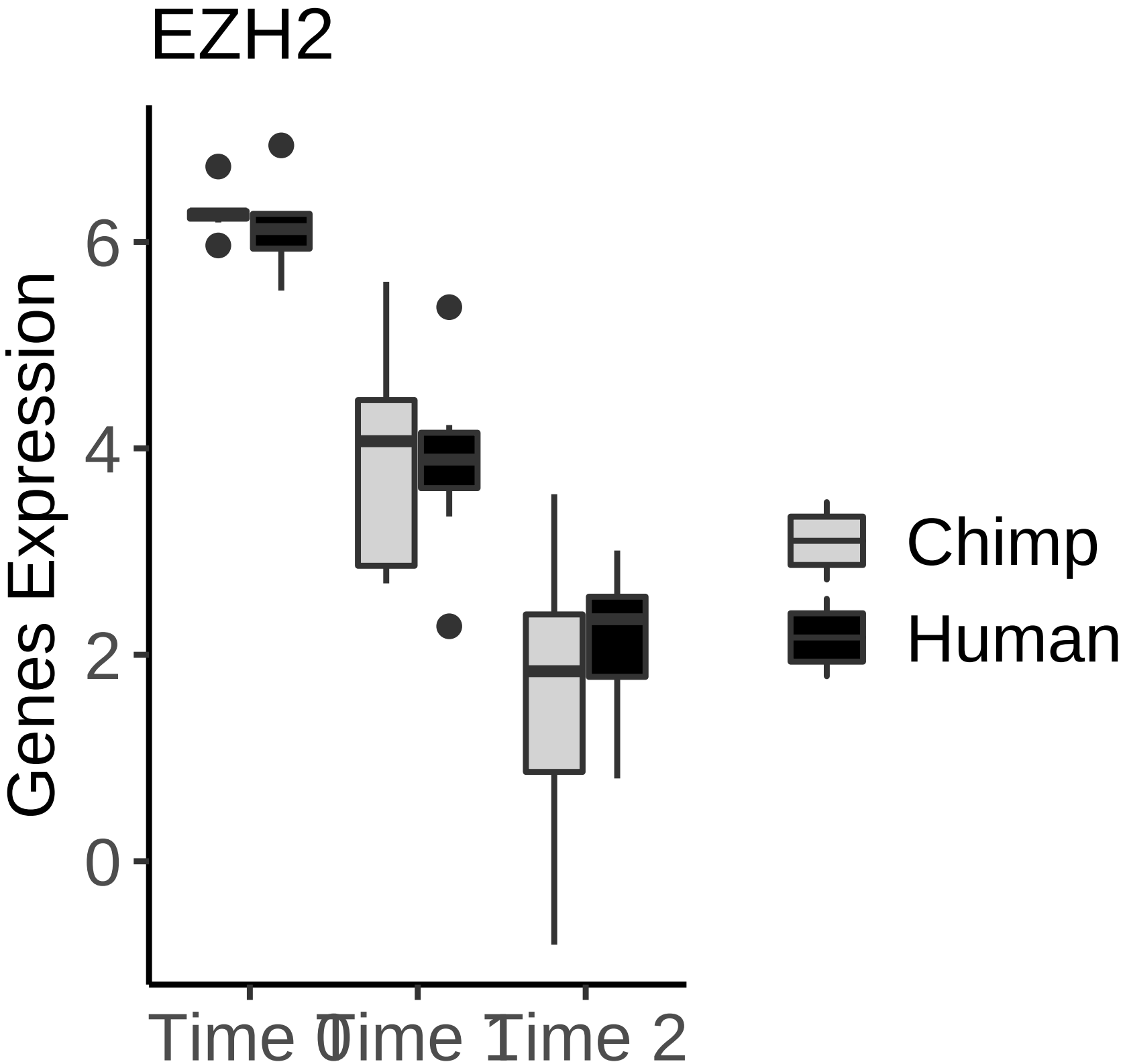
Human


EZH2
Genes Expression
6
4
2
0
Time 0
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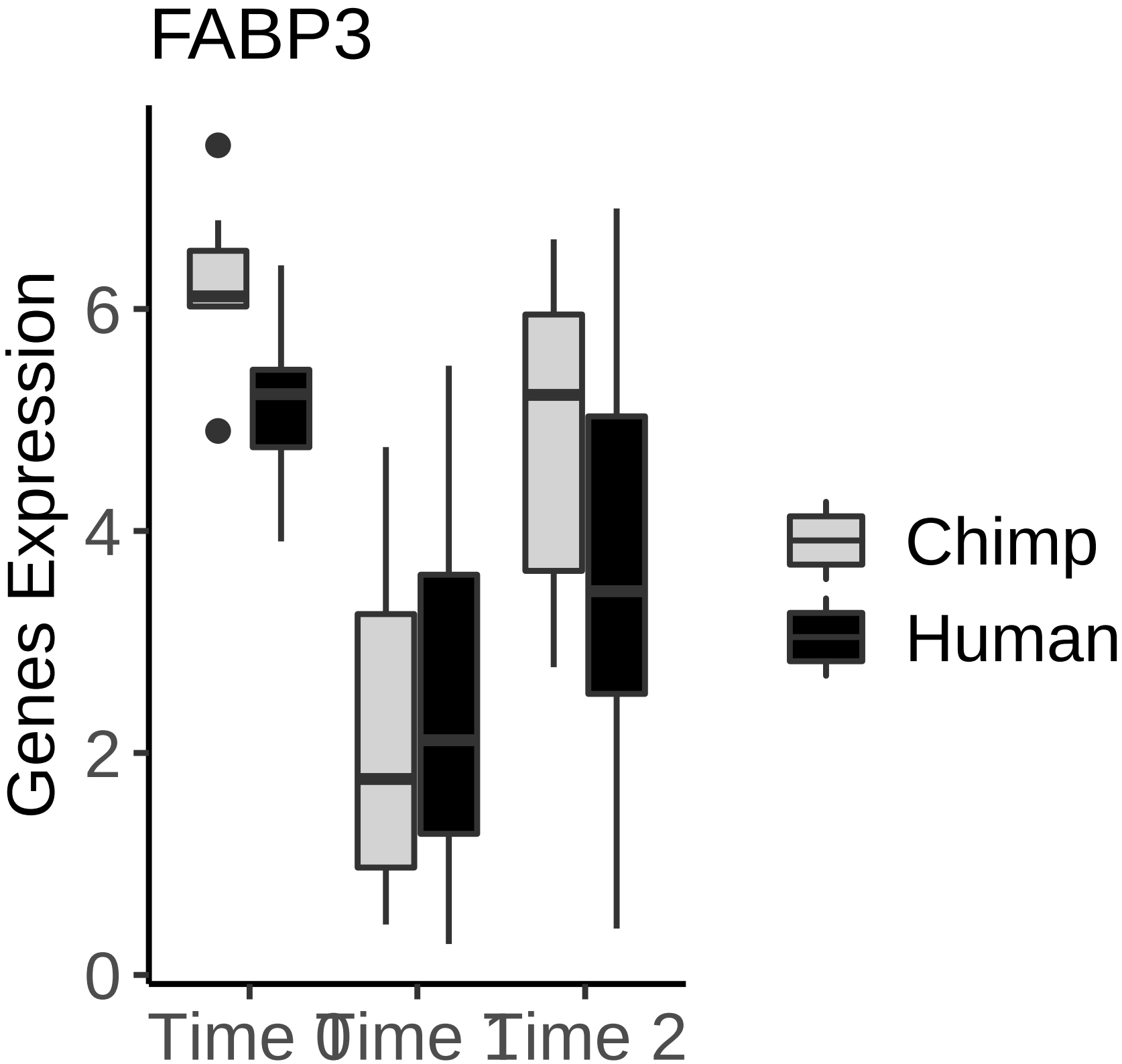
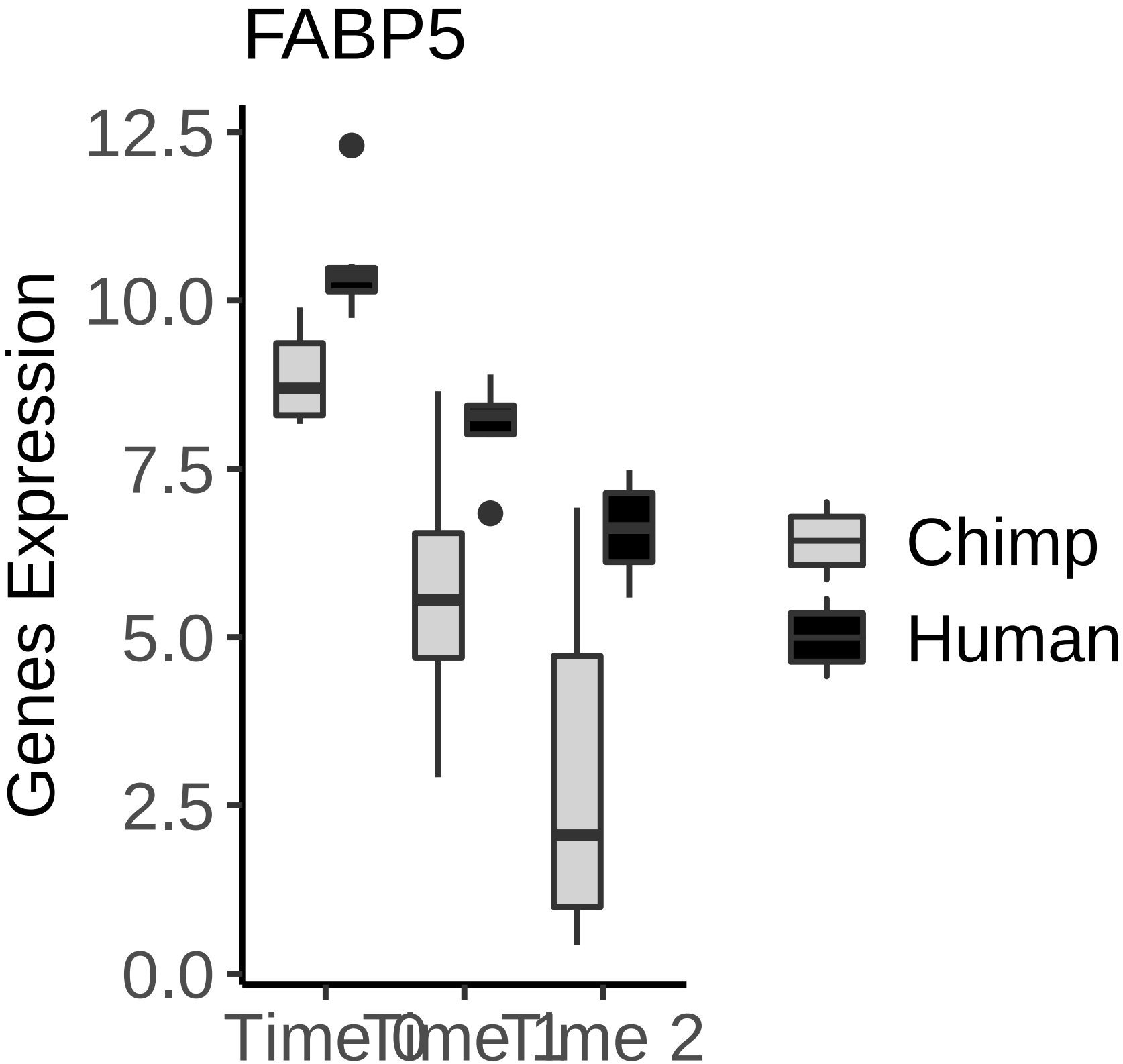
Time 2
Chimp
Human


FABP3
Genes Expression
0
2
4
6
Time 0
Time 1
Time 2
Chimp
Human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2.5
0.0
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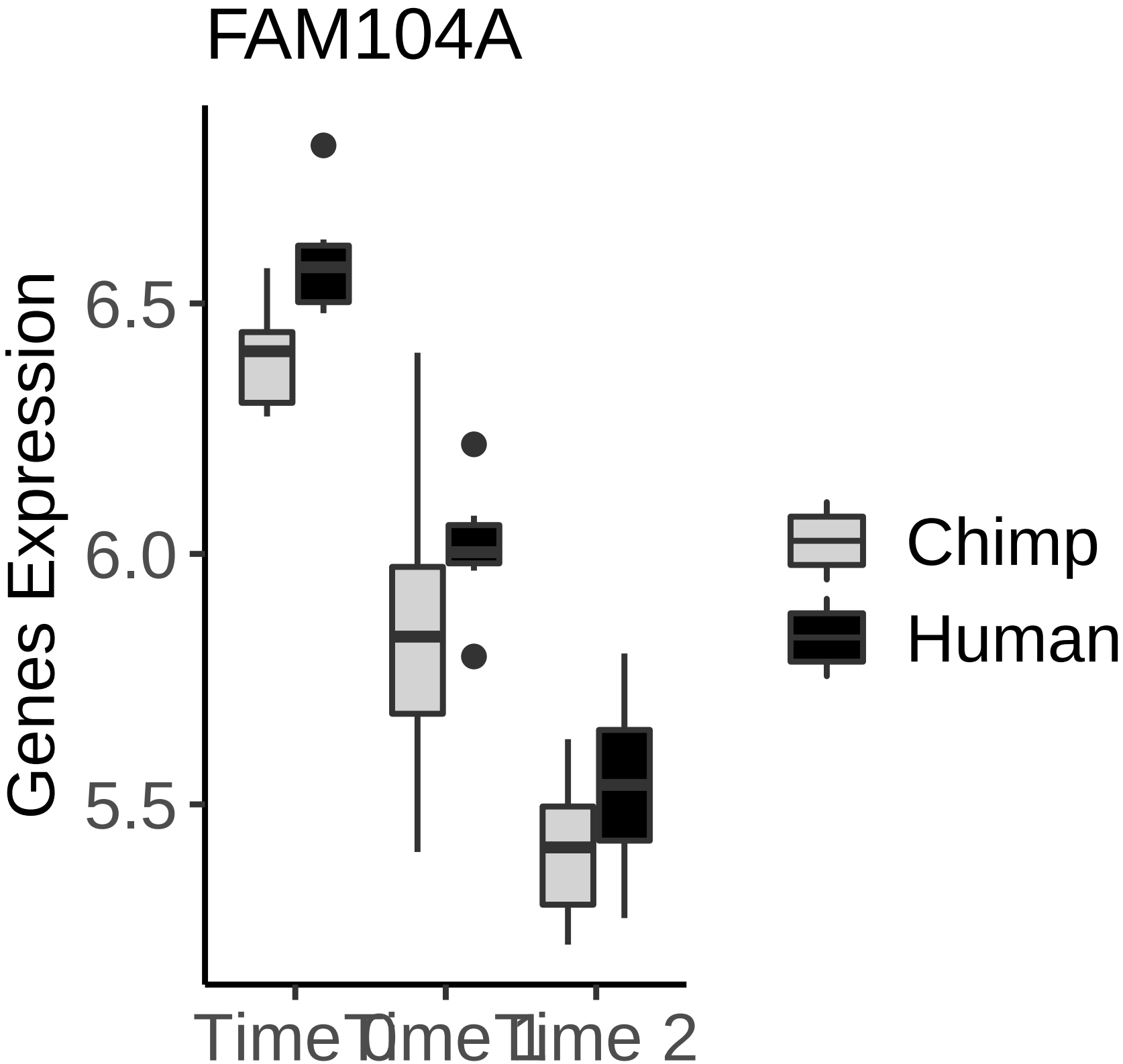
Time 1
Time 2
Chimp
Human


FAM104A
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5.5
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Time 2
Chimp
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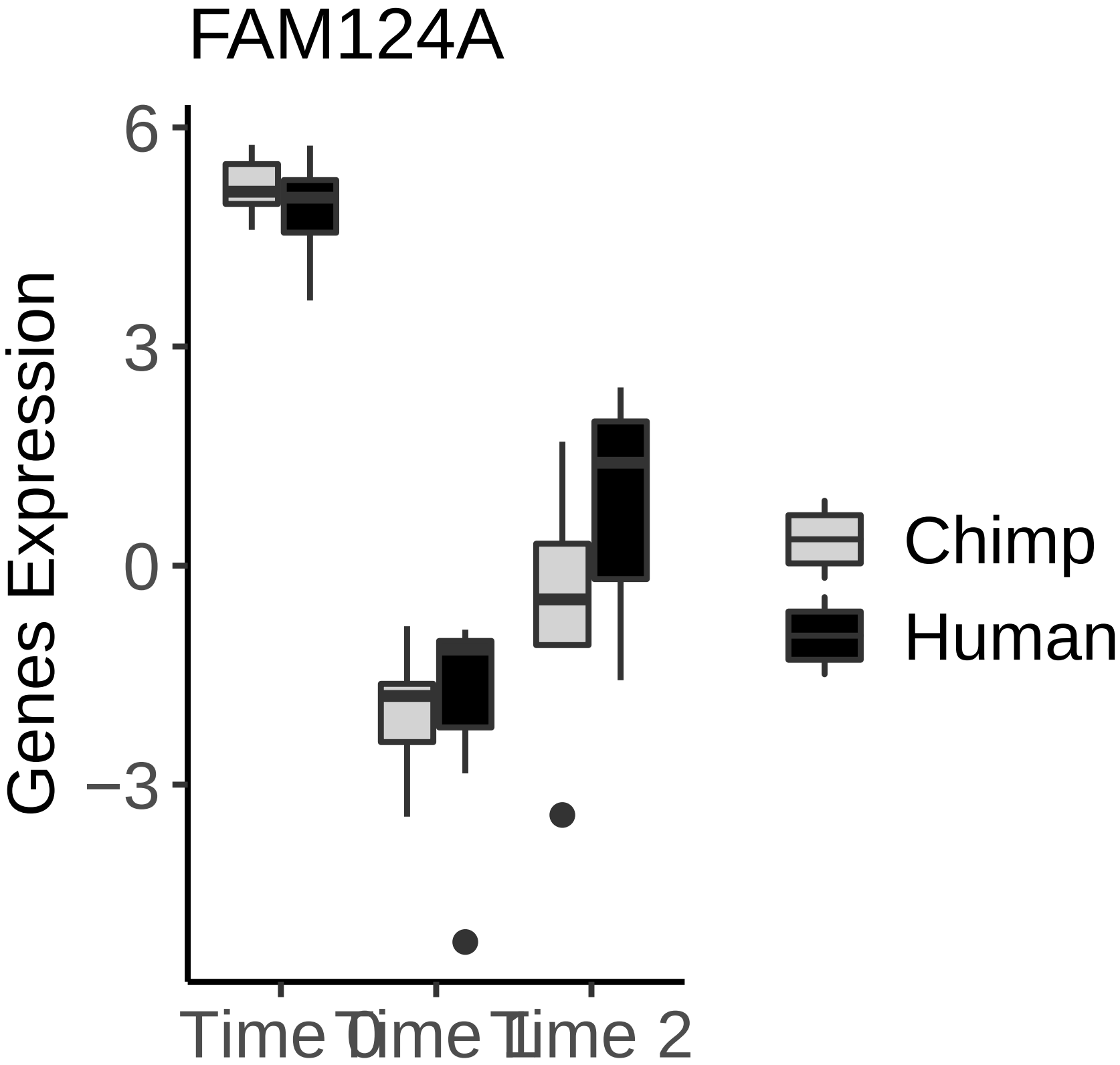
FAM124A
Genes Expression
6
3
0
−3
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Time 1
Time 2
Chimp
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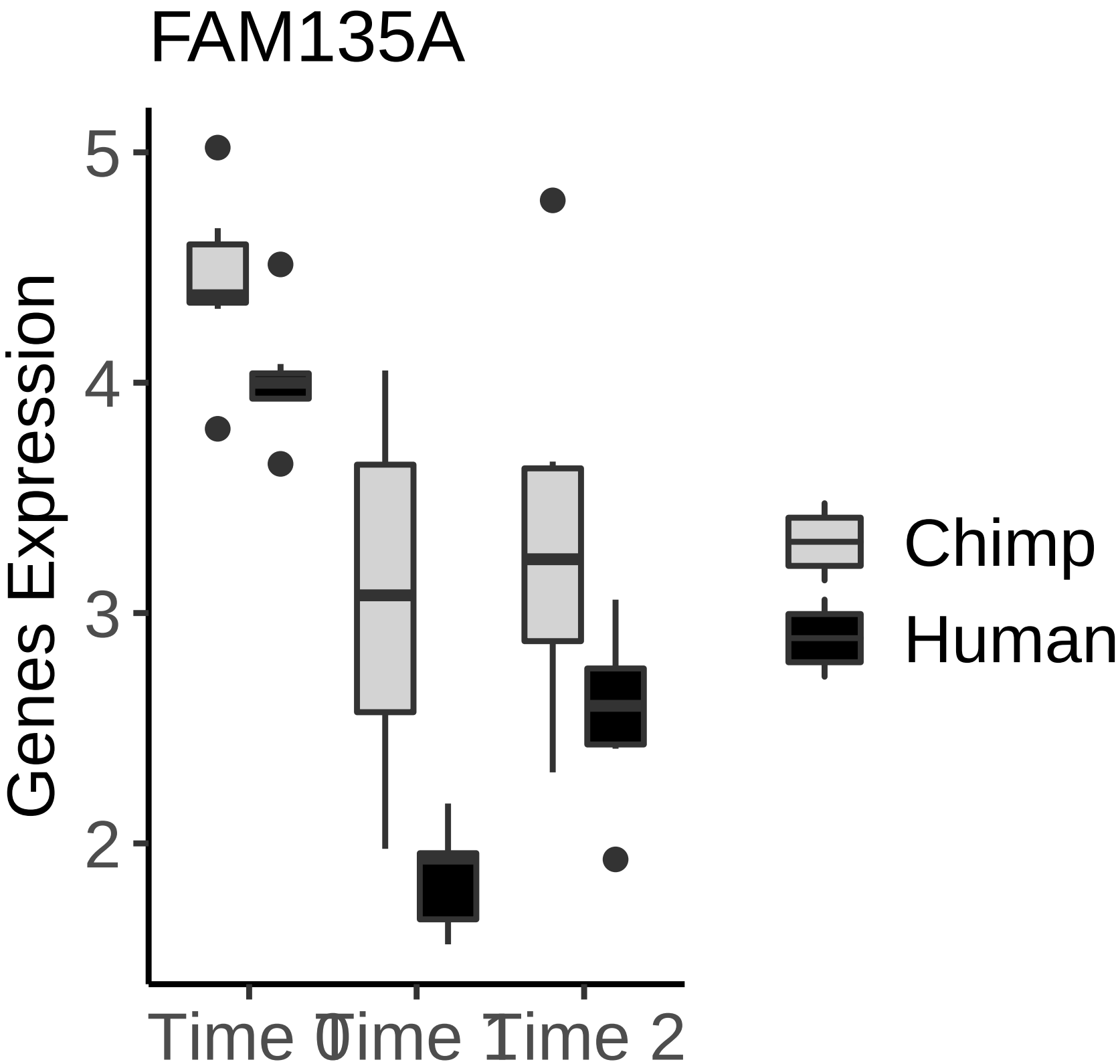
FAM135A
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4
3
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Time 2
Chimp
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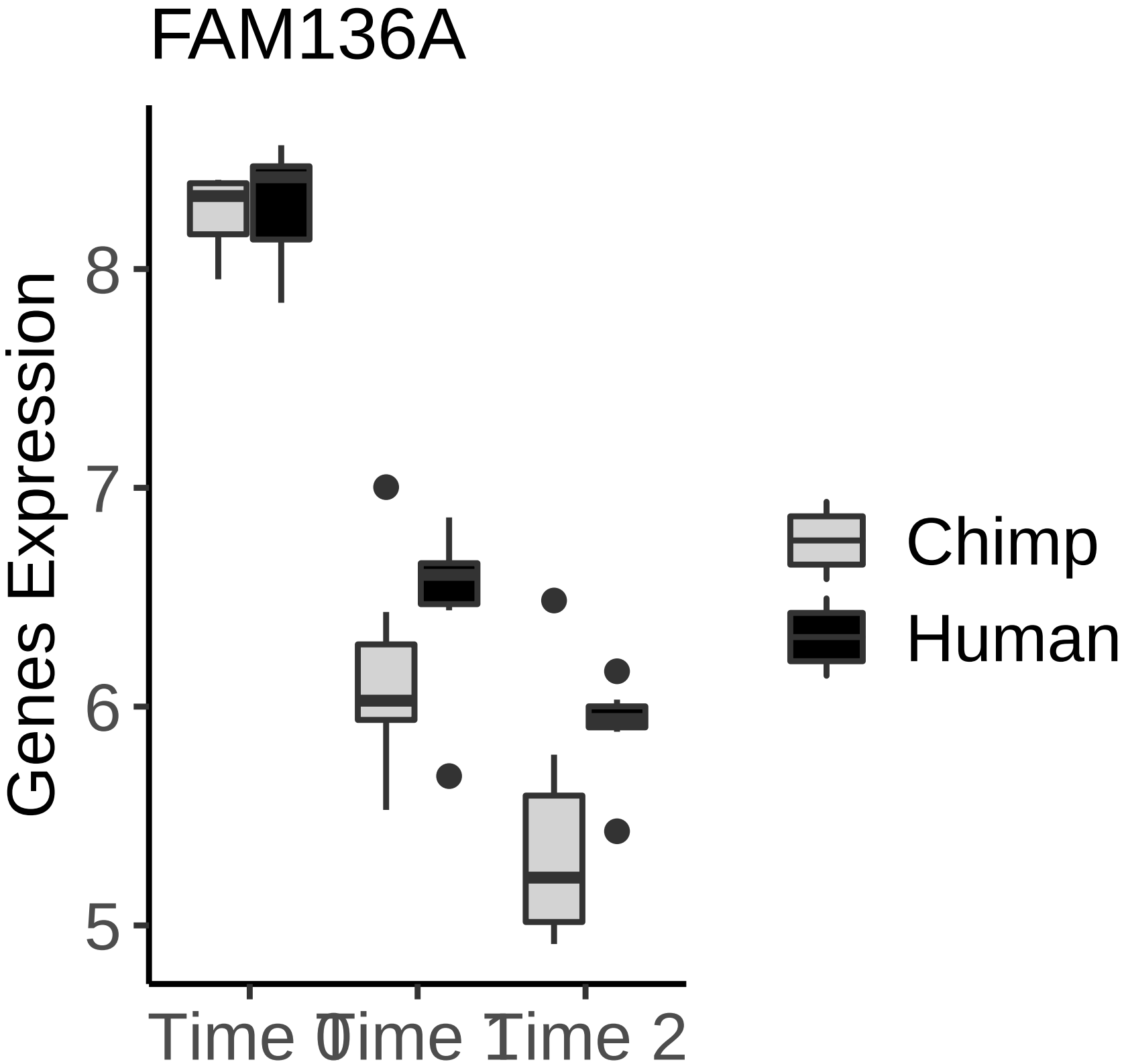
FAM136A
Genes Expression
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7
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Time 1
Time 2
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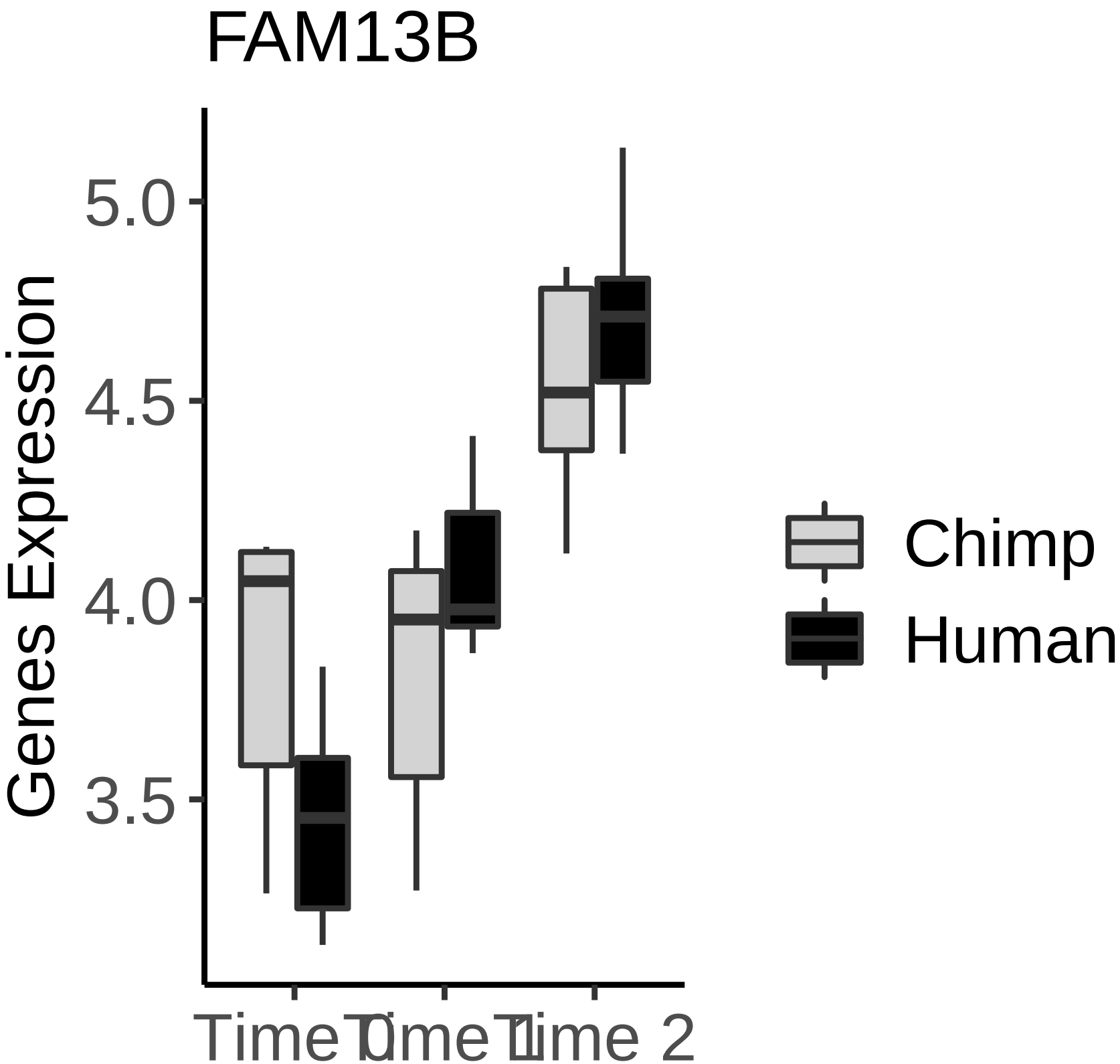
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4.0
3.5
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Time 2
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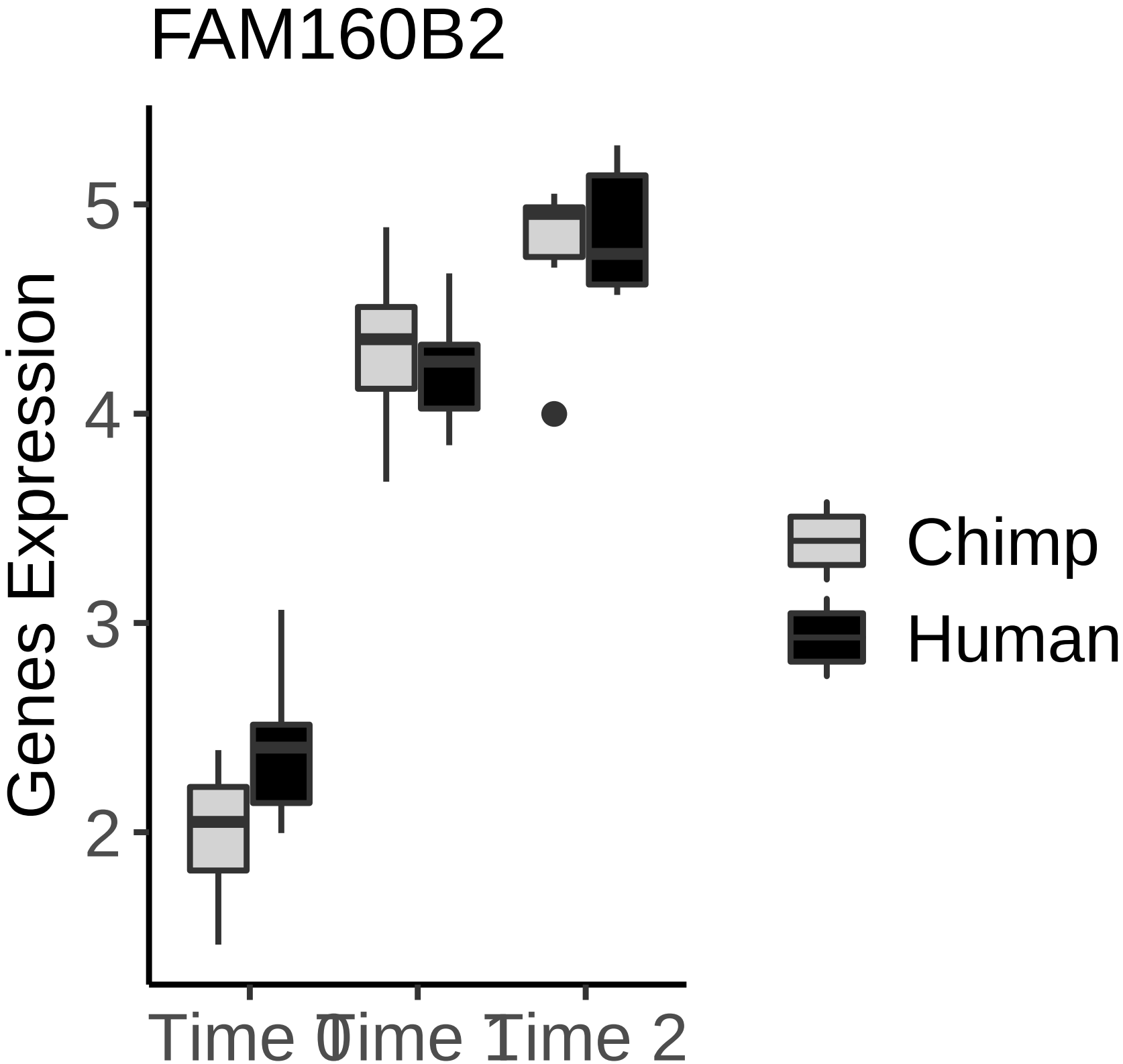
FAM160B2
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Time 1
Time 2
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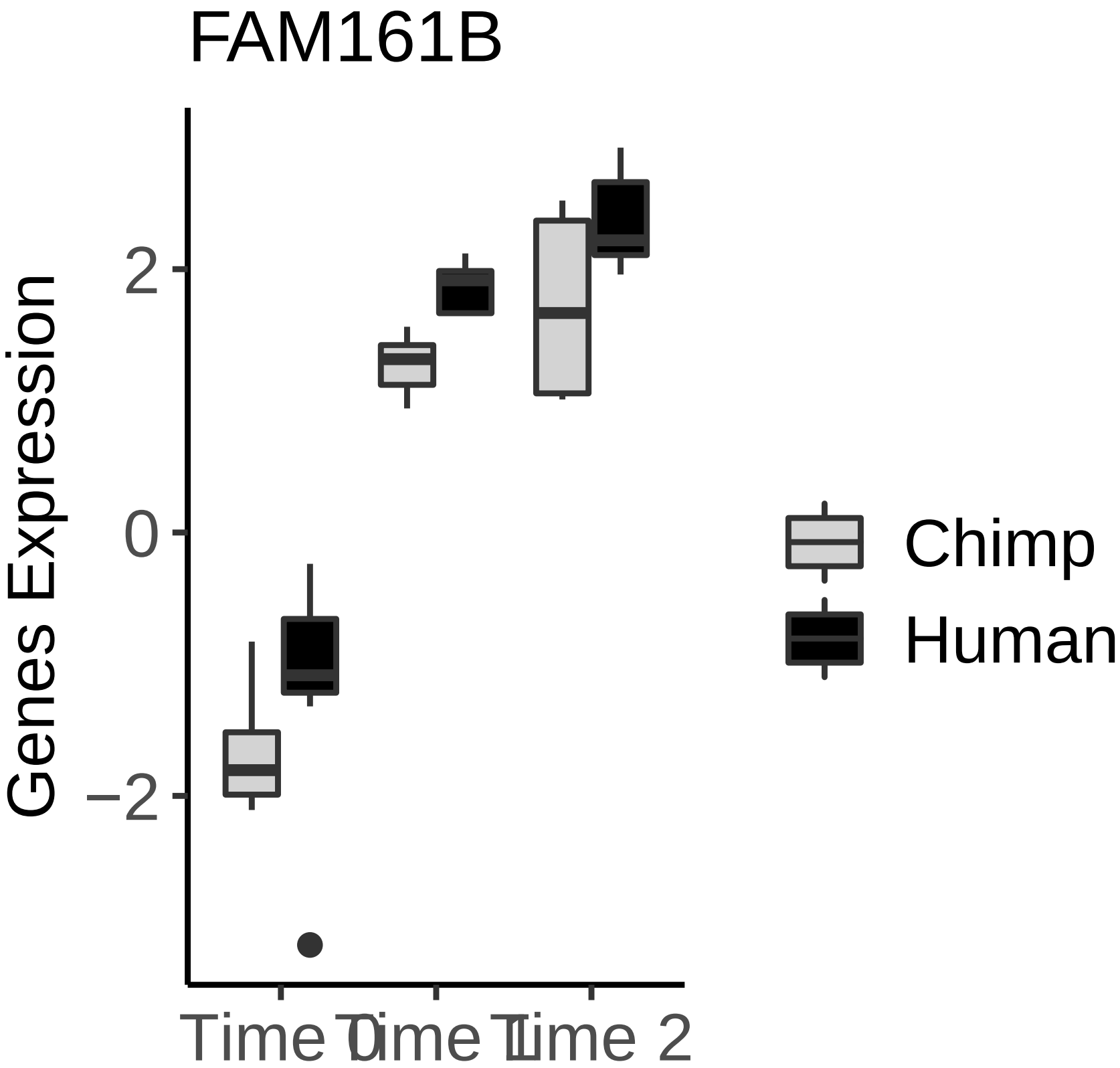
Human


FAM161B
Genes Expression
2
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−2
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Time 1
Time 2
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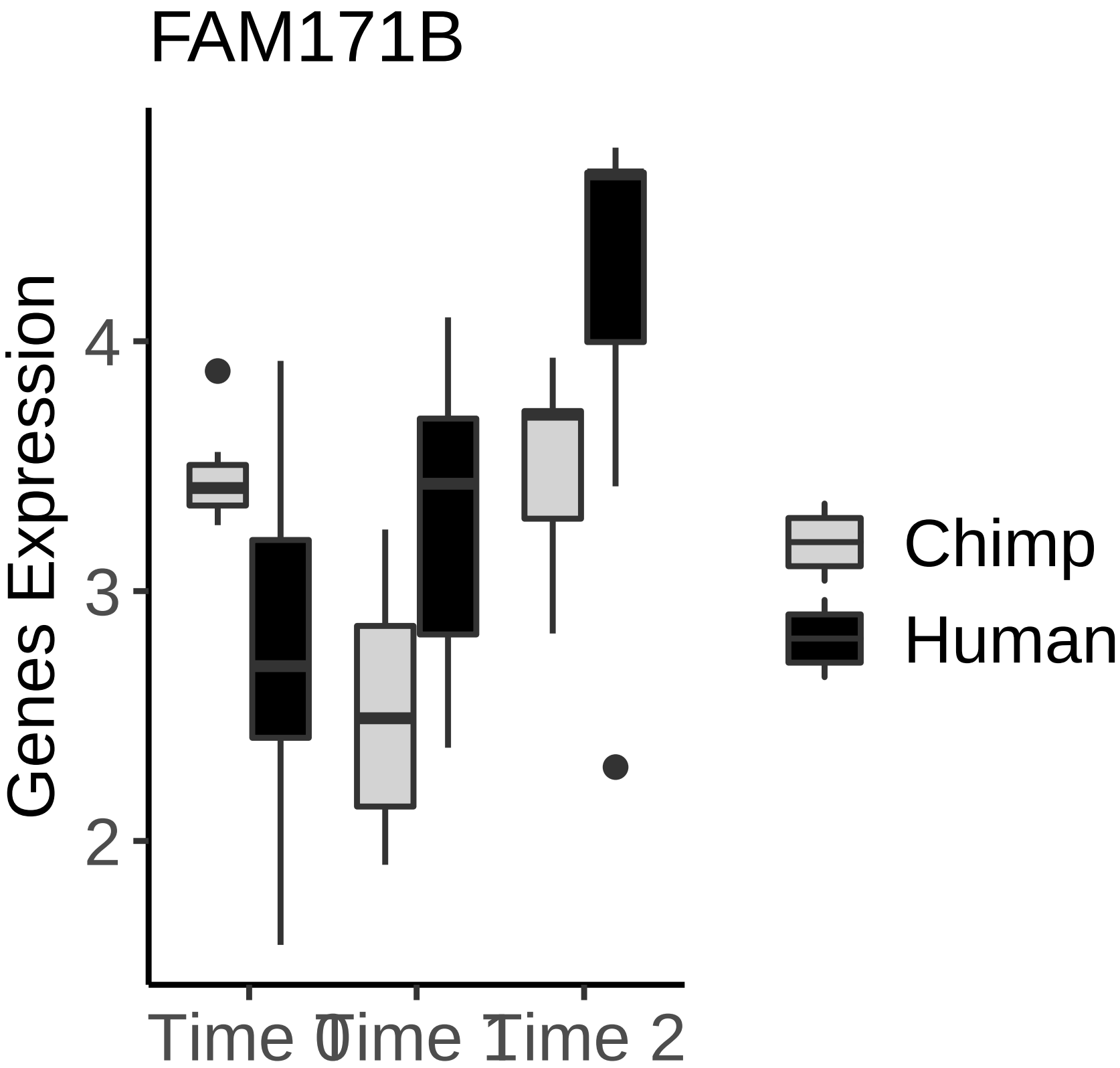
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Genes Expression
4
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Time 1
Time 2
Chimp
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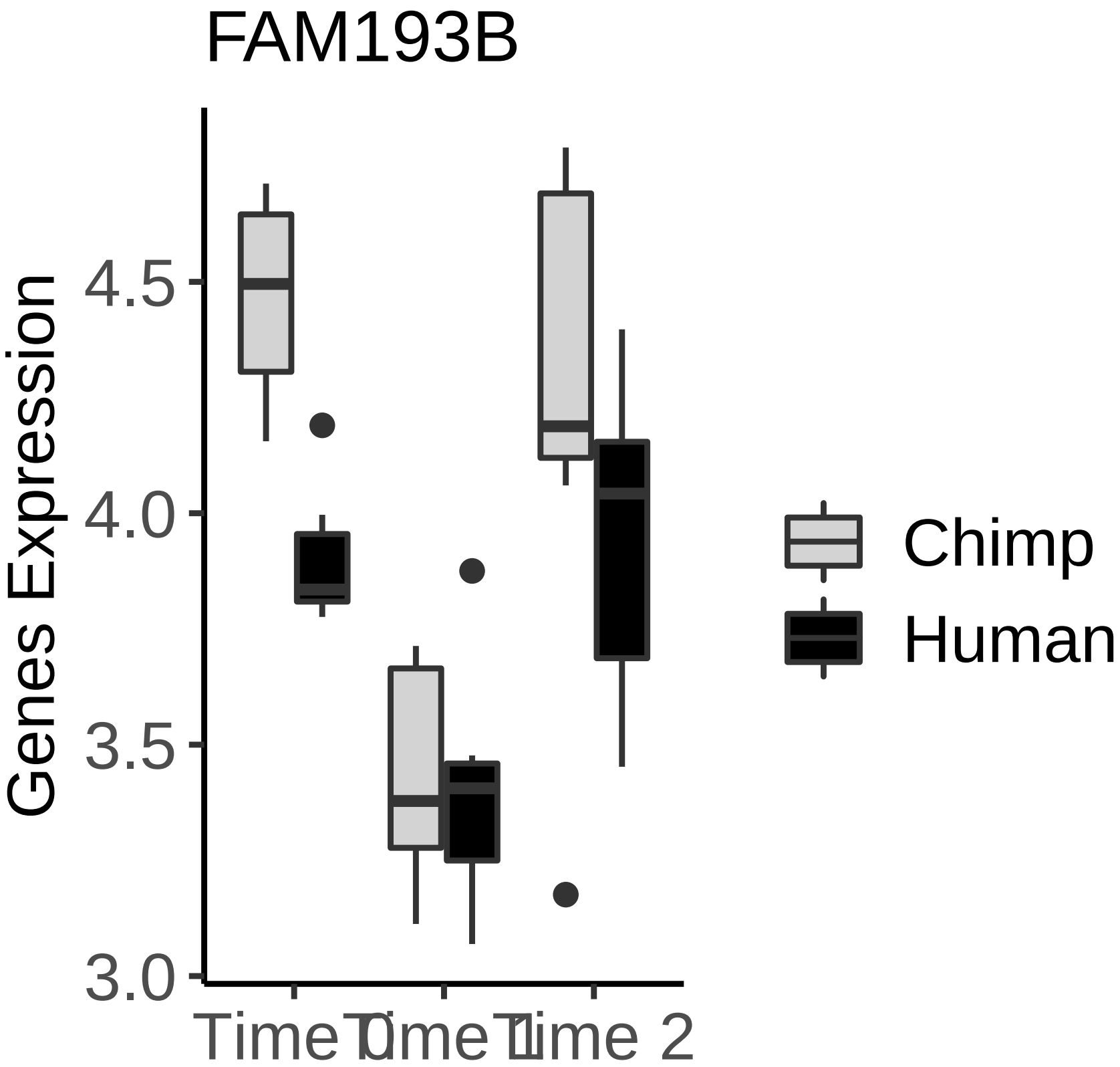
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Genes Expression
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3.0
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Time 2
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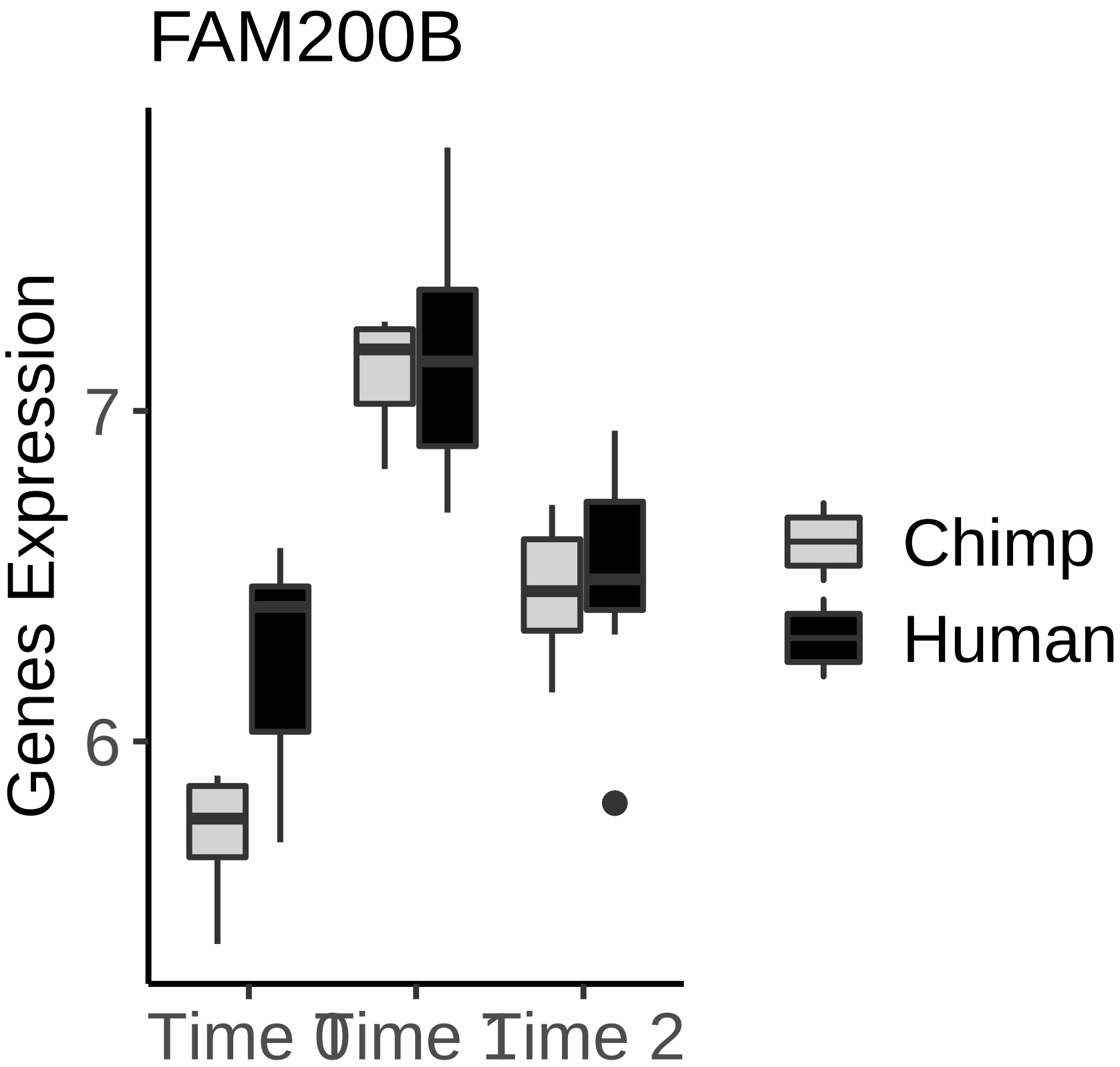
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7
6
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Time 1
Time 2
Chimp
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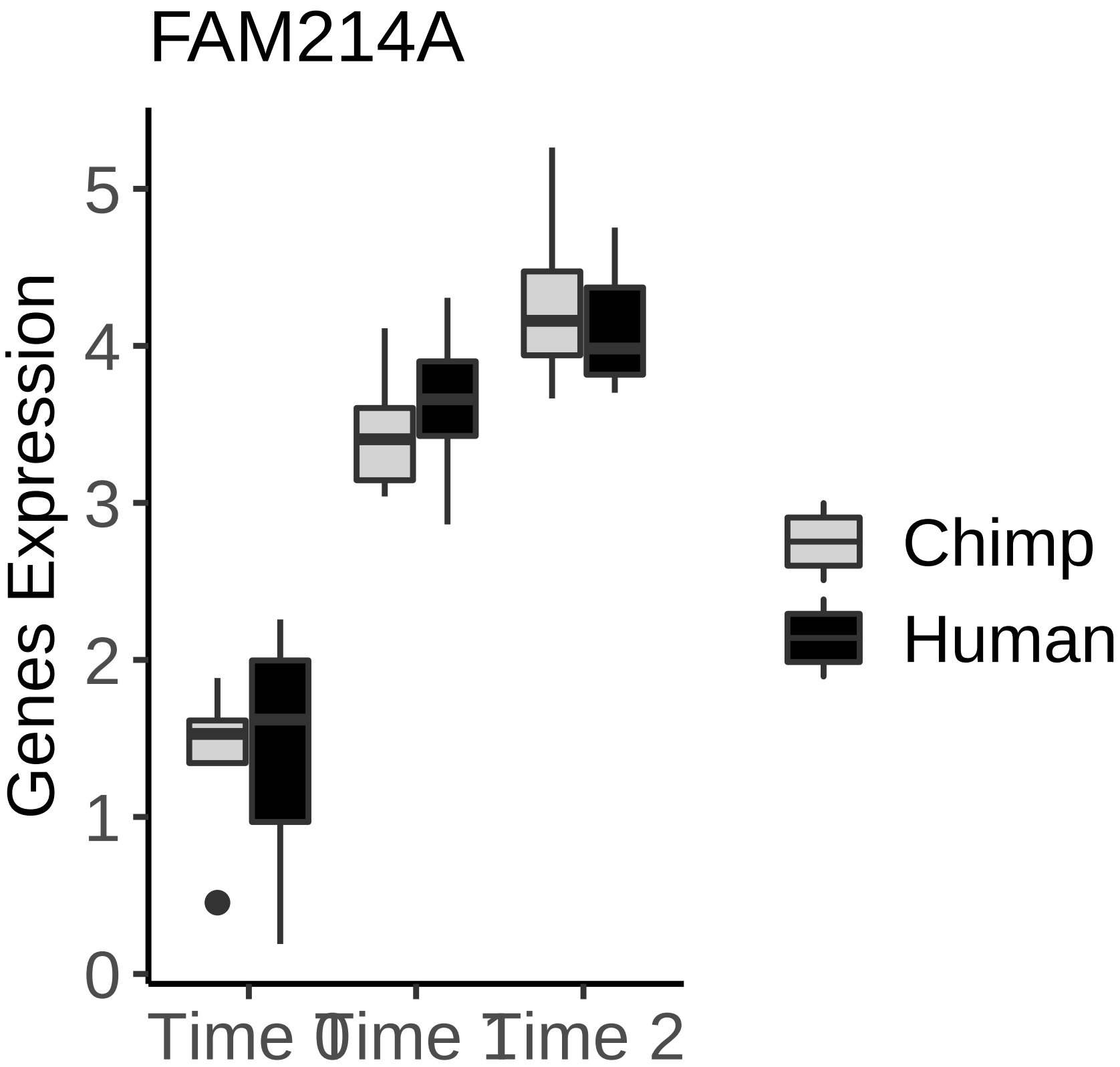
FAM214A
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5
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Time 2
Chimp
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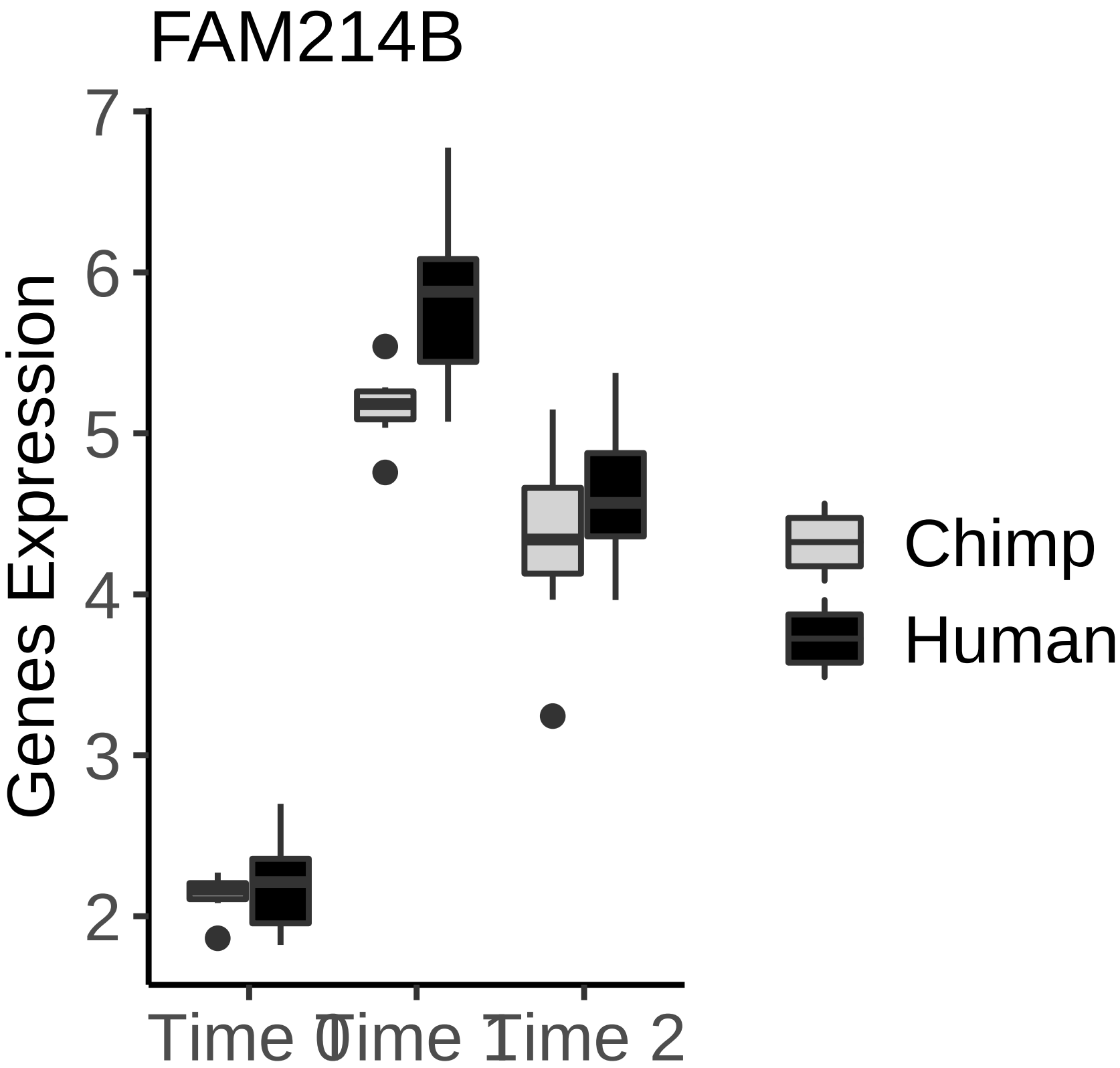
FAM214B
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Time 2
Chimp
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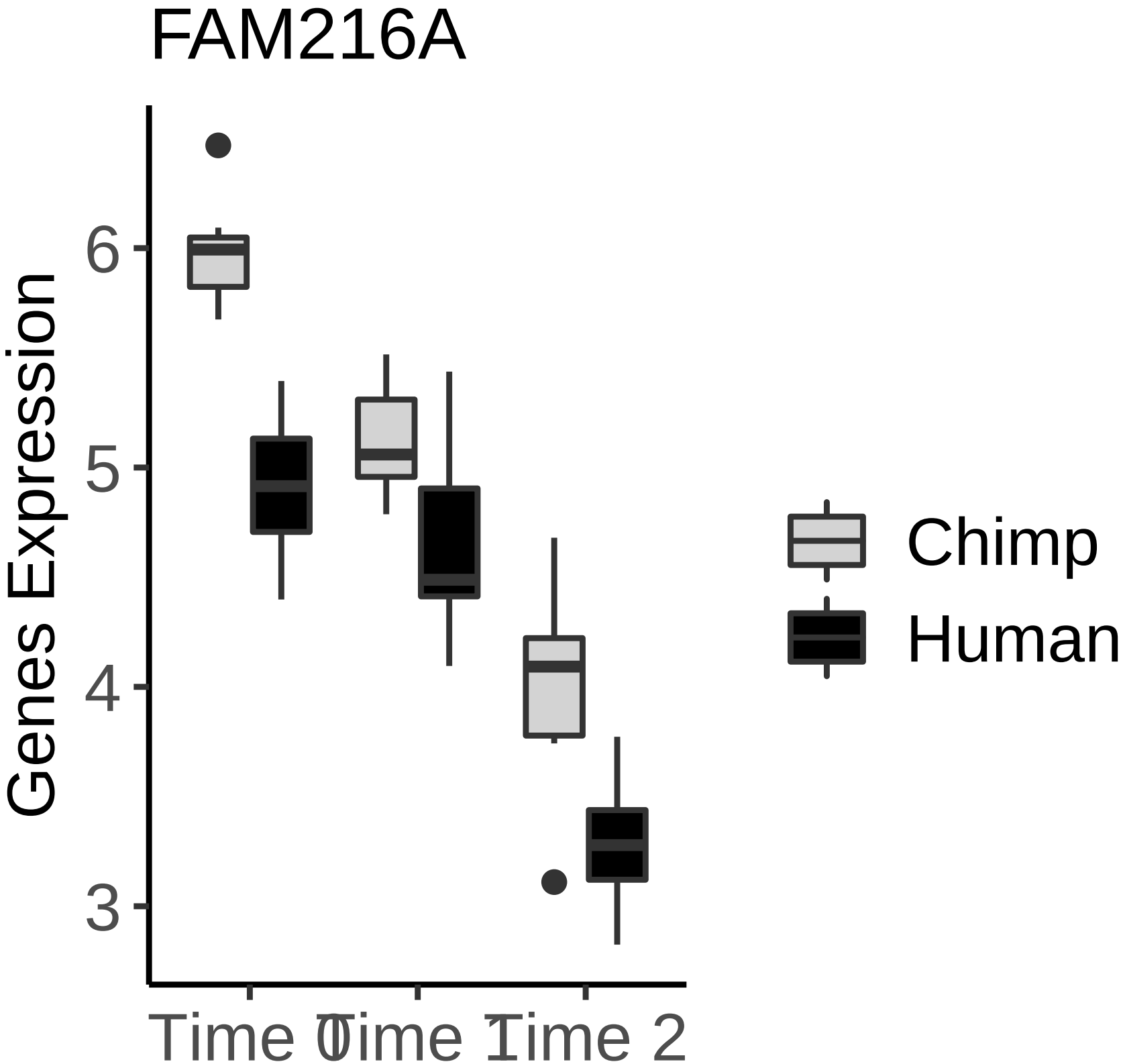
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Chimp
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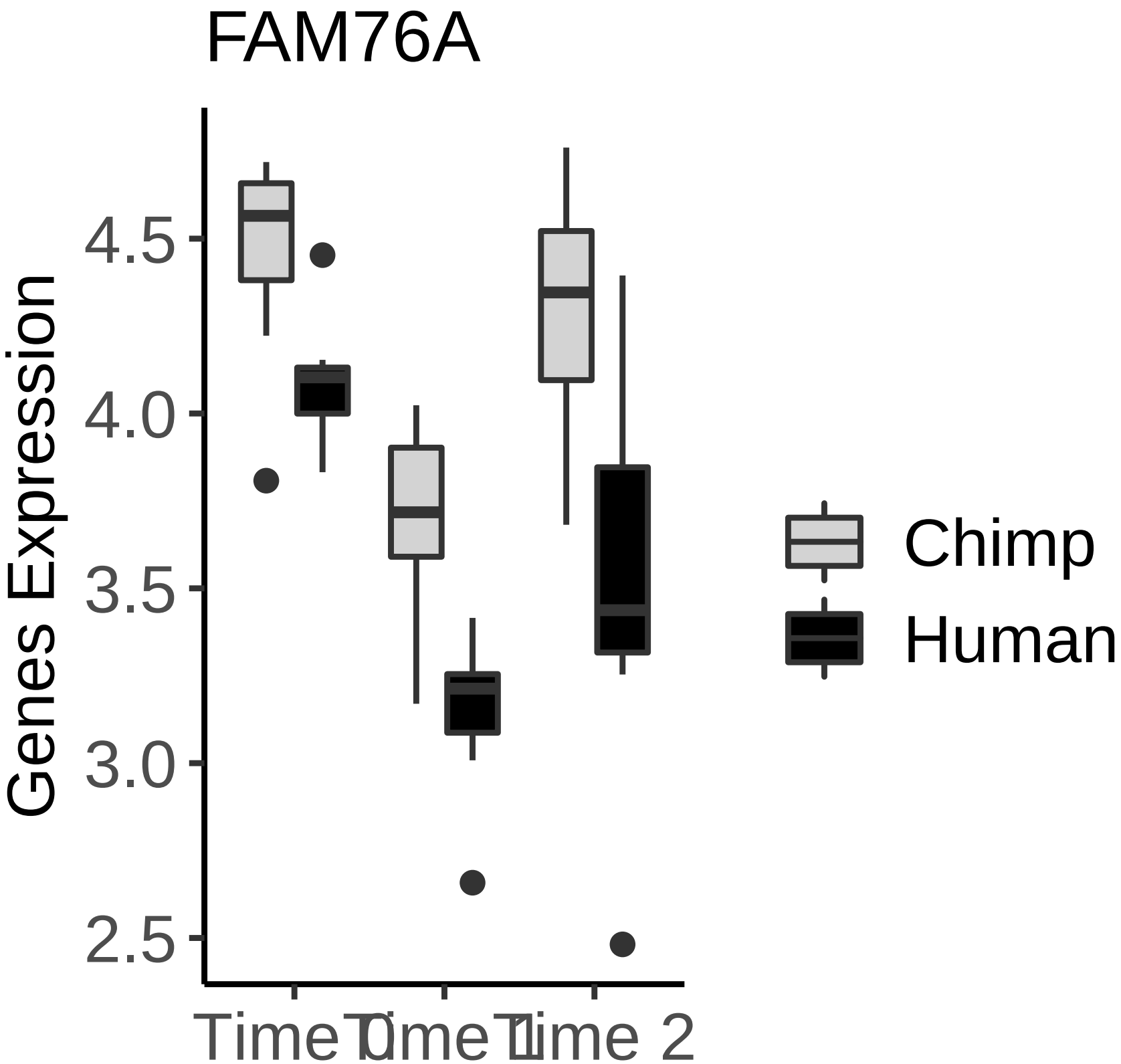
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Time 2
Chimp
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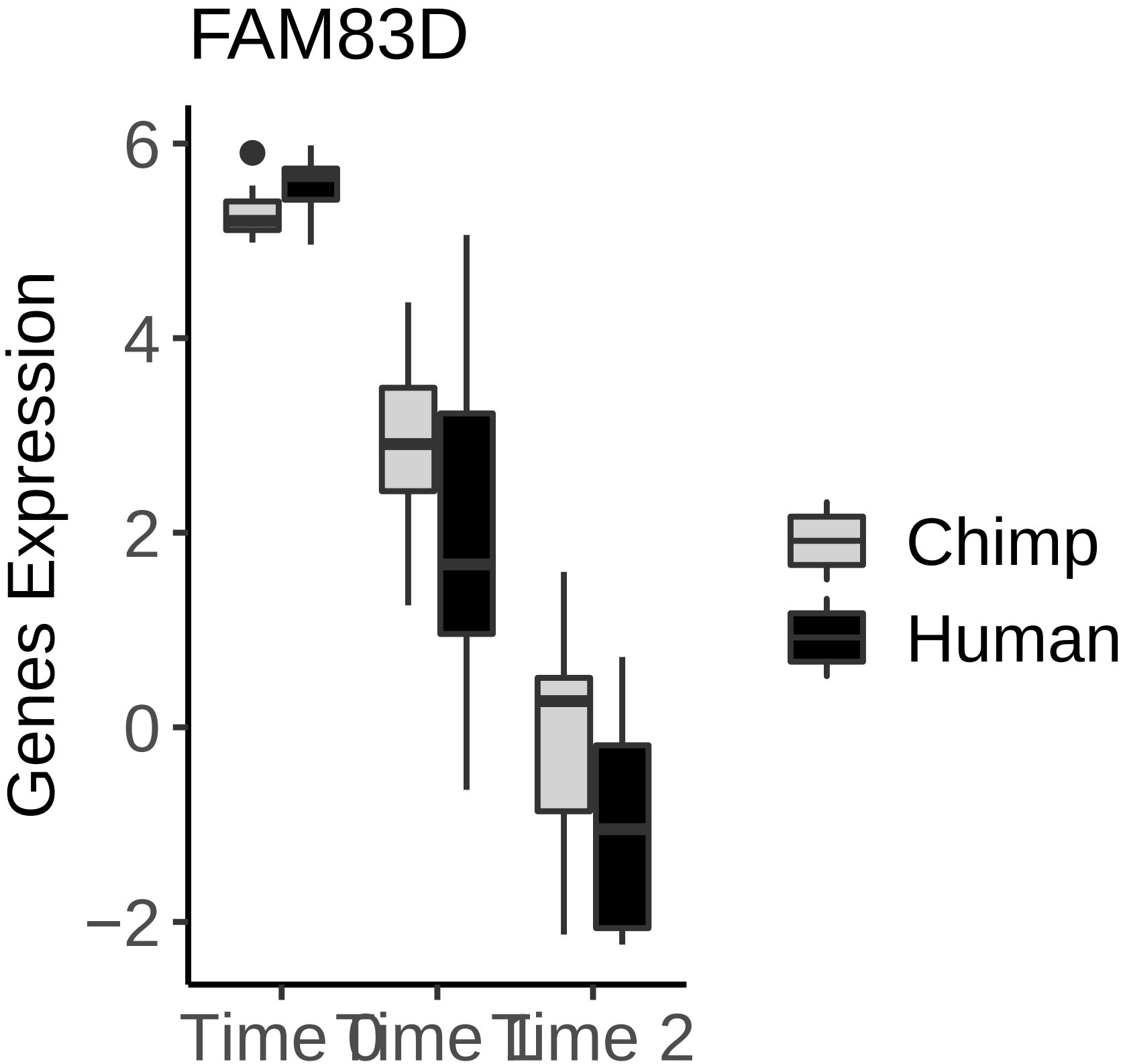
FAM83D
Genes Expression
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Time 1
Time 2
Chimp
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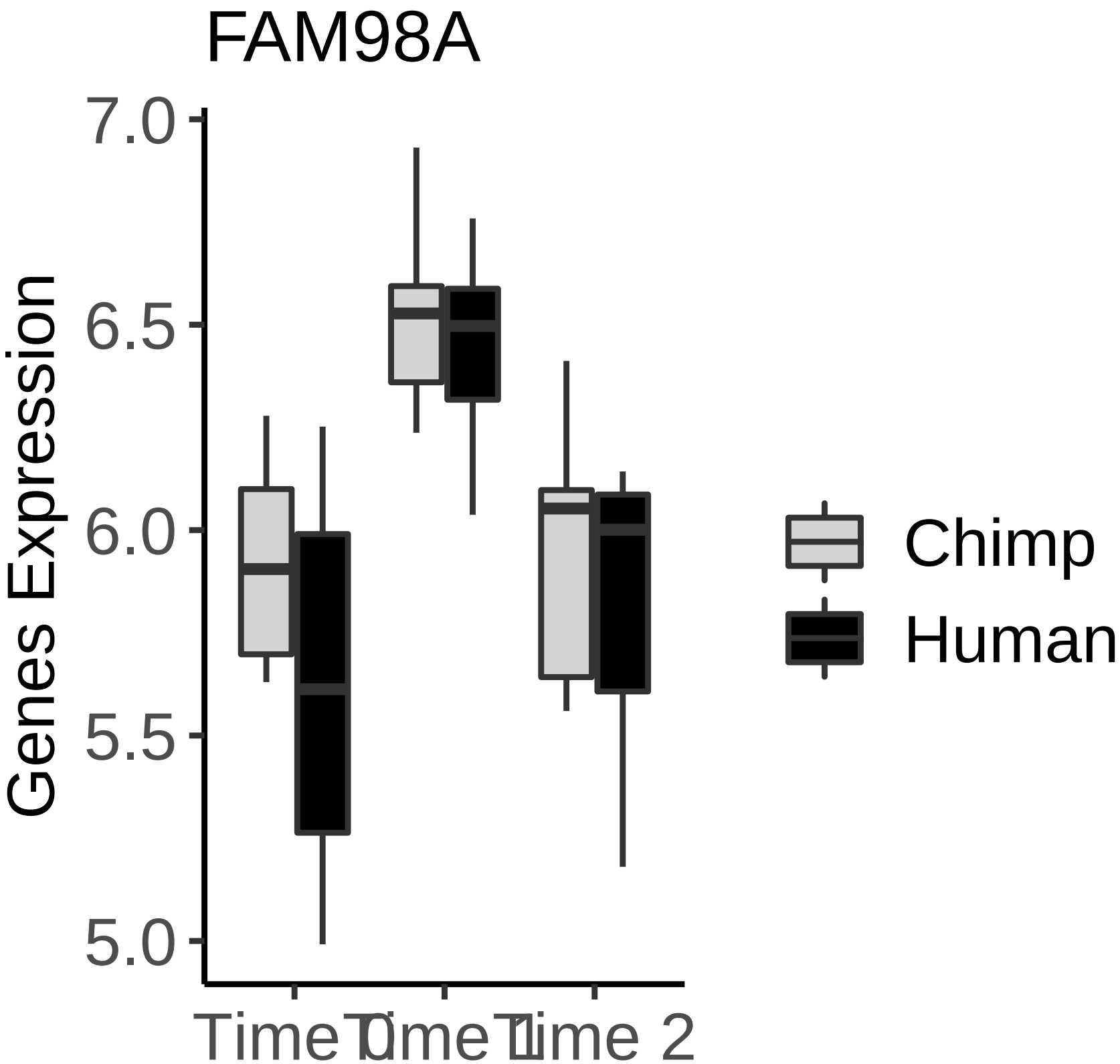
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Time 1
Time 2
Chimp
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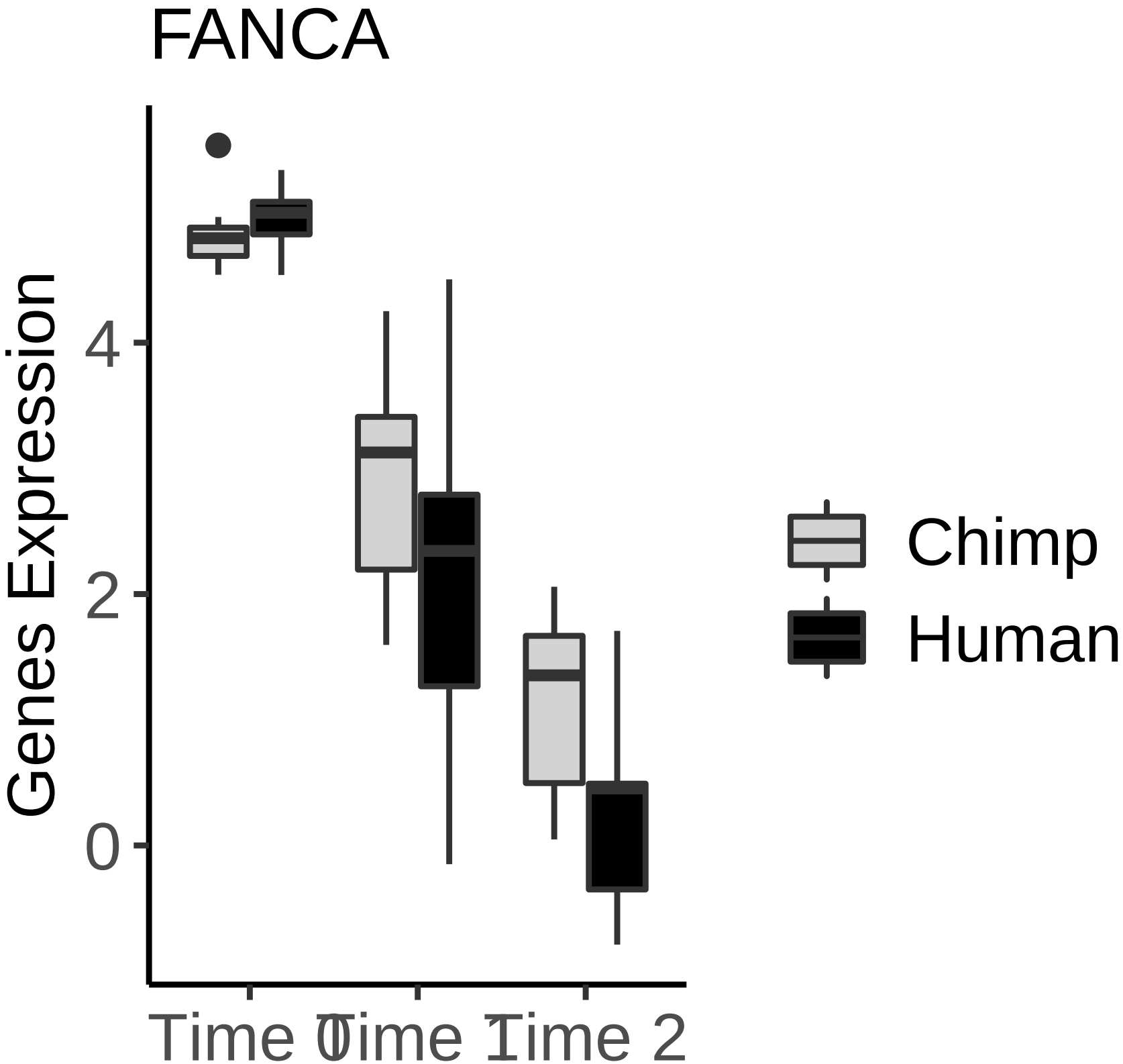
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Time 1
Time 2
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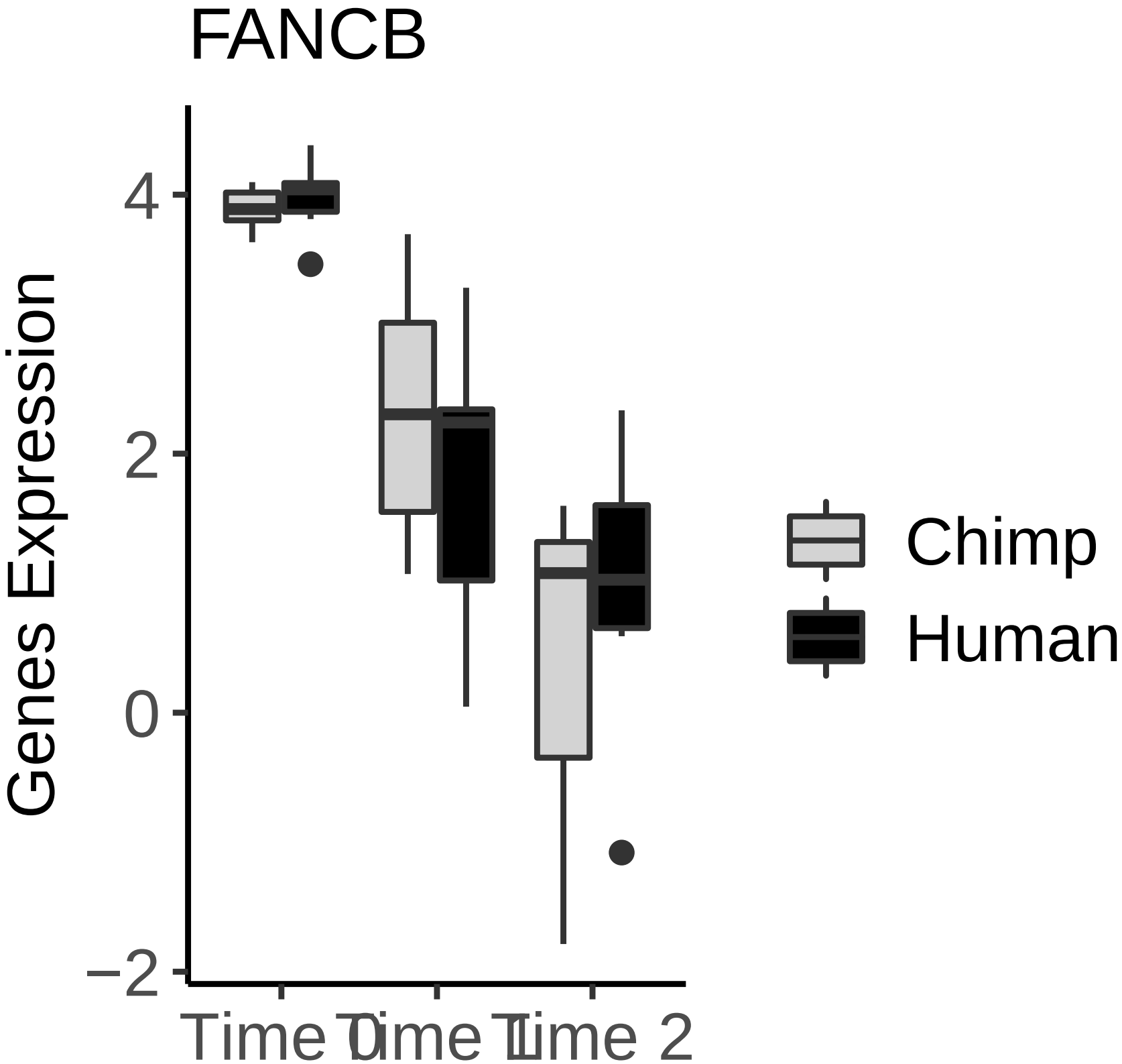
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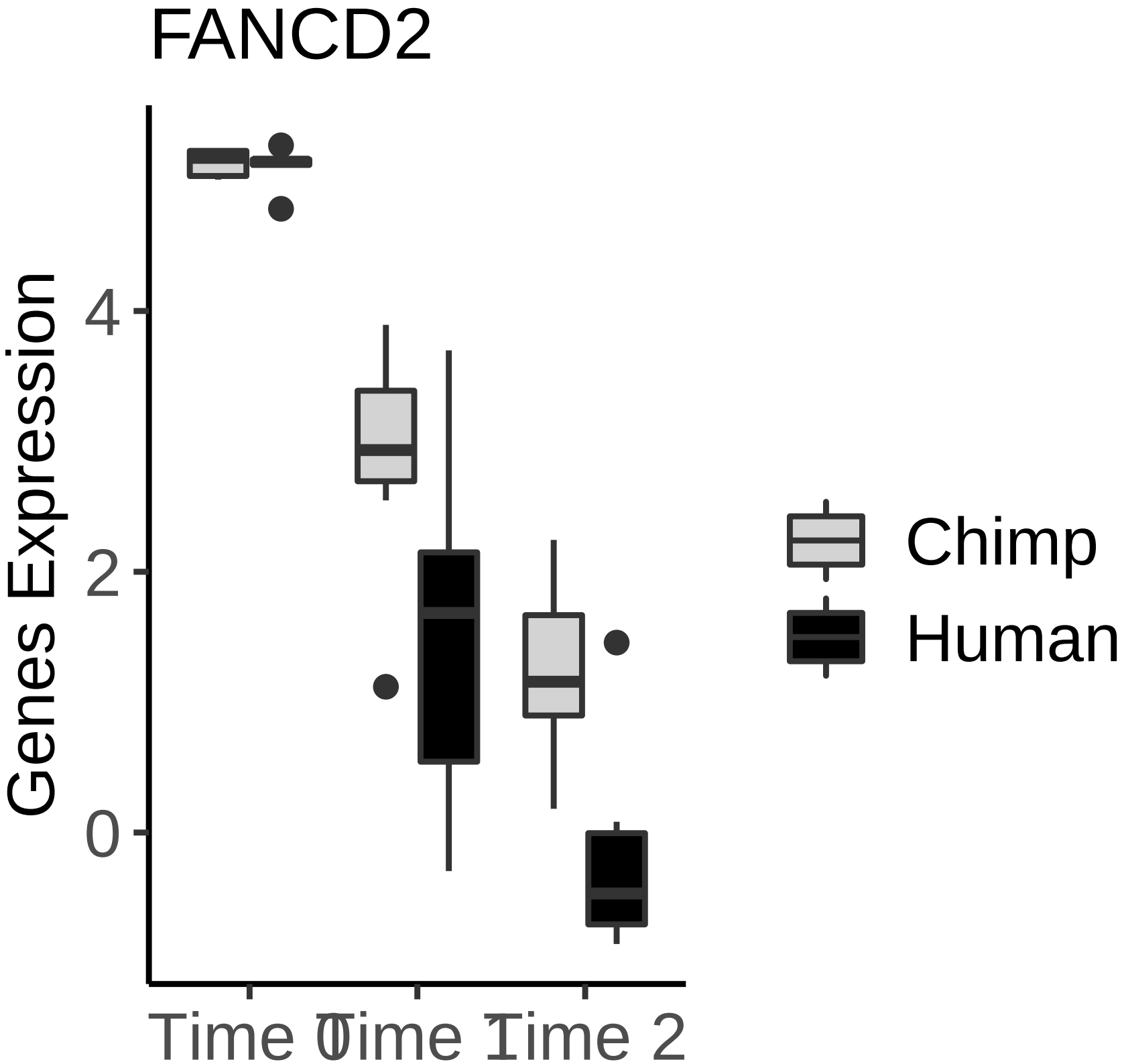
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Time 2
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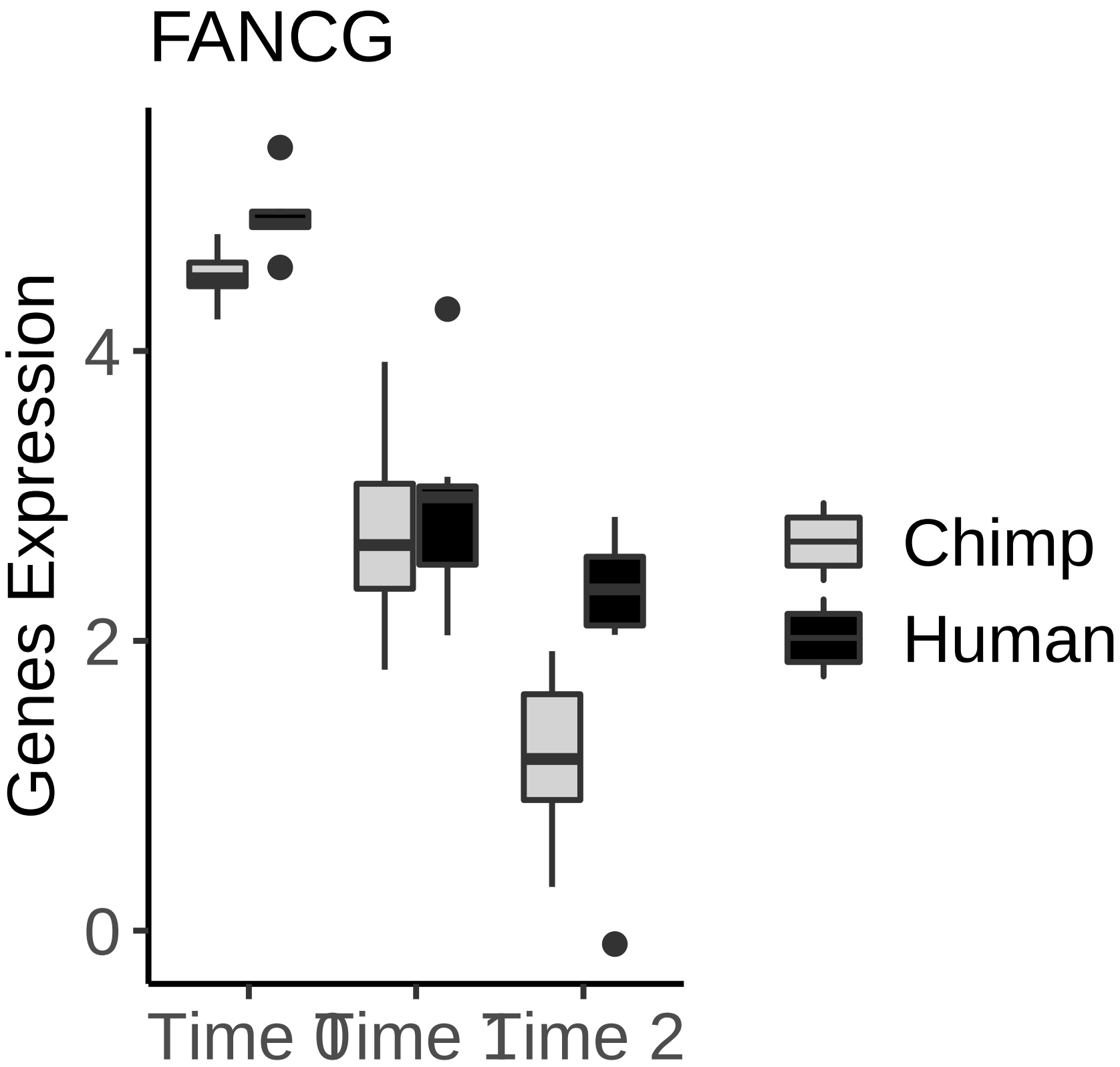
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Time 2
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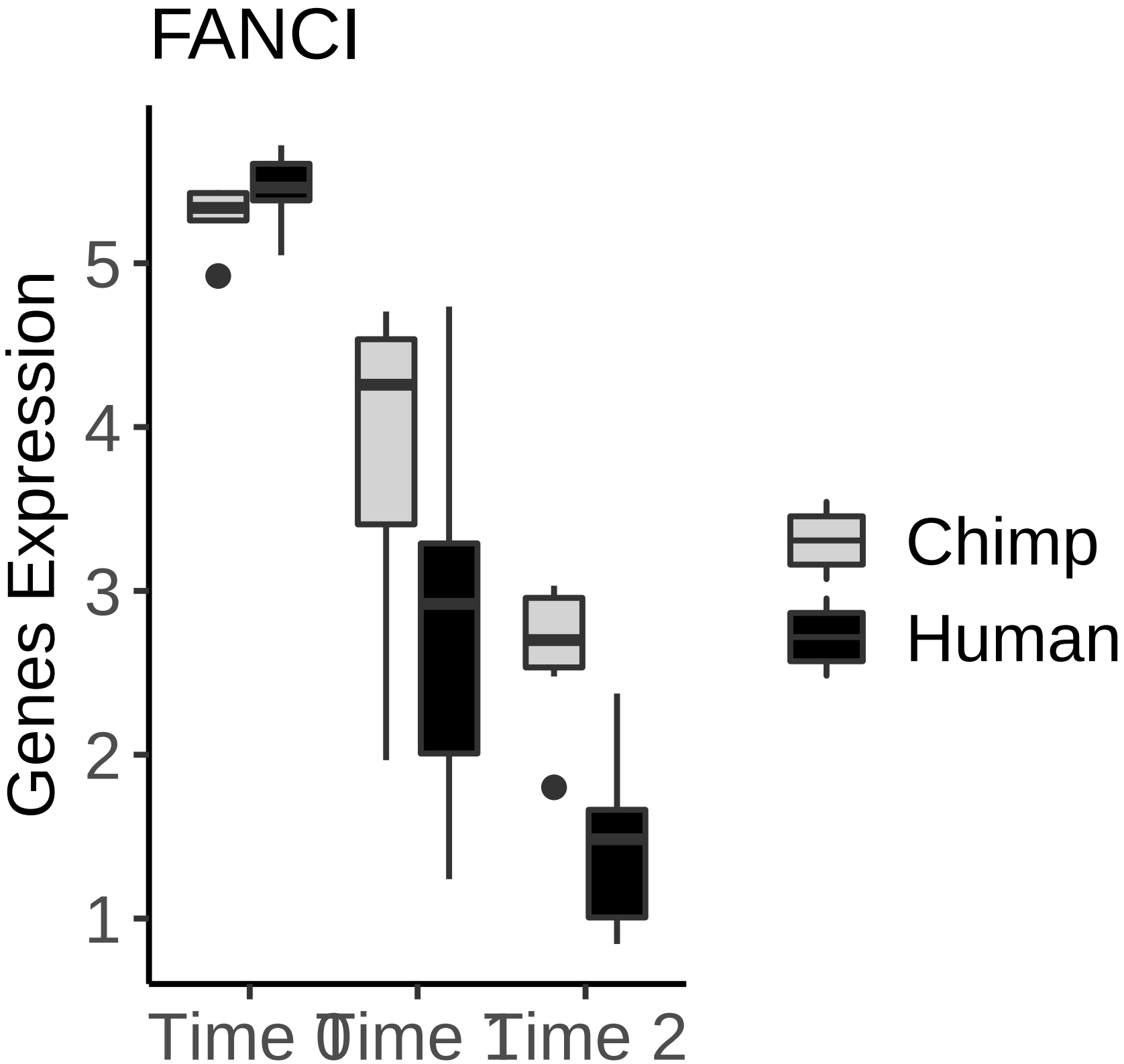
FANCI
Genes Expression
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2
1
Time 0
Time 1
Time 2
Chimp
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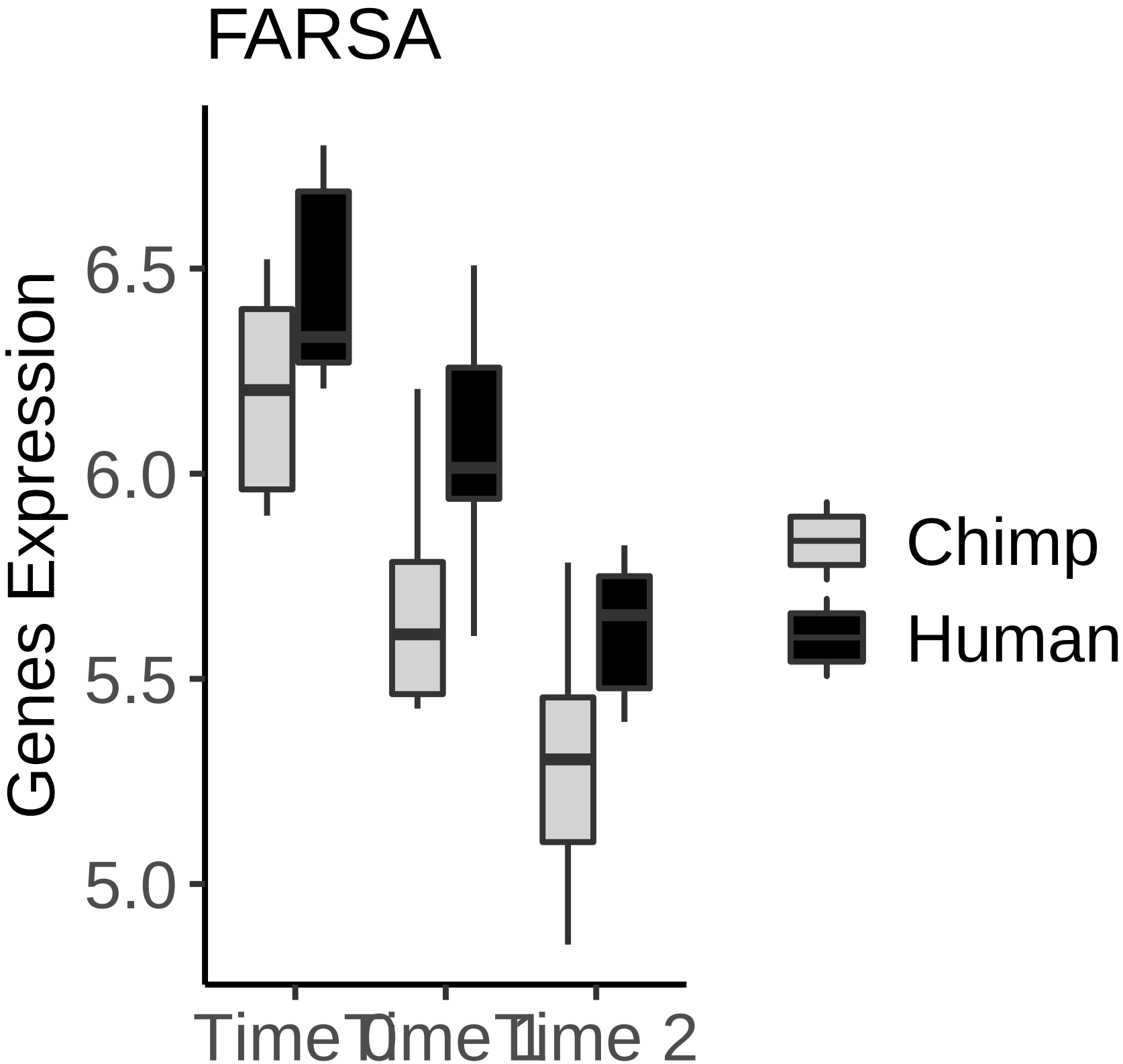
FARSA
Genes Expression
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Time 0
Time 1
Time 2
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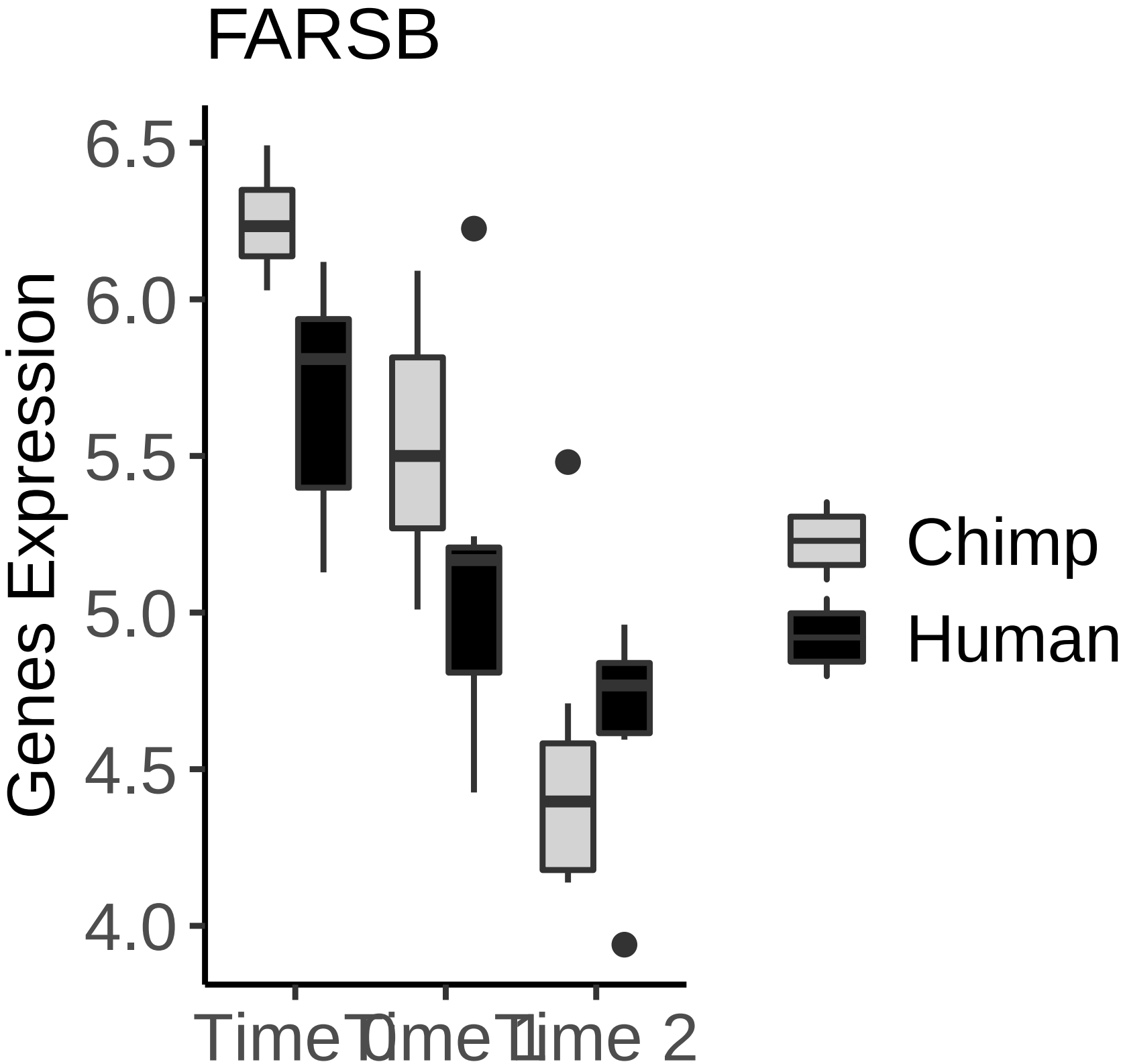
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4.0
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Time 2
Chimp
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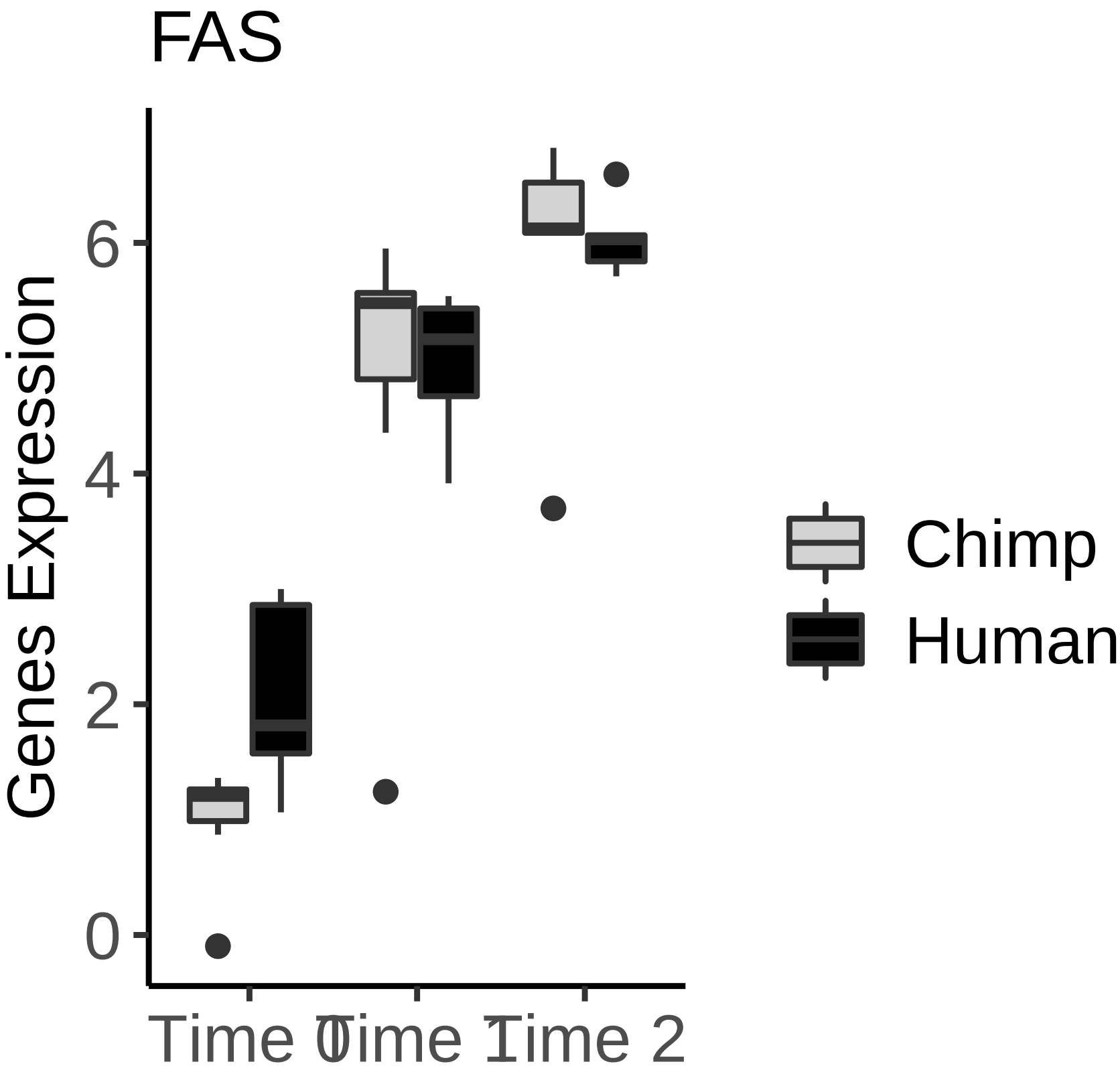
FAS
Genes Expression
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2
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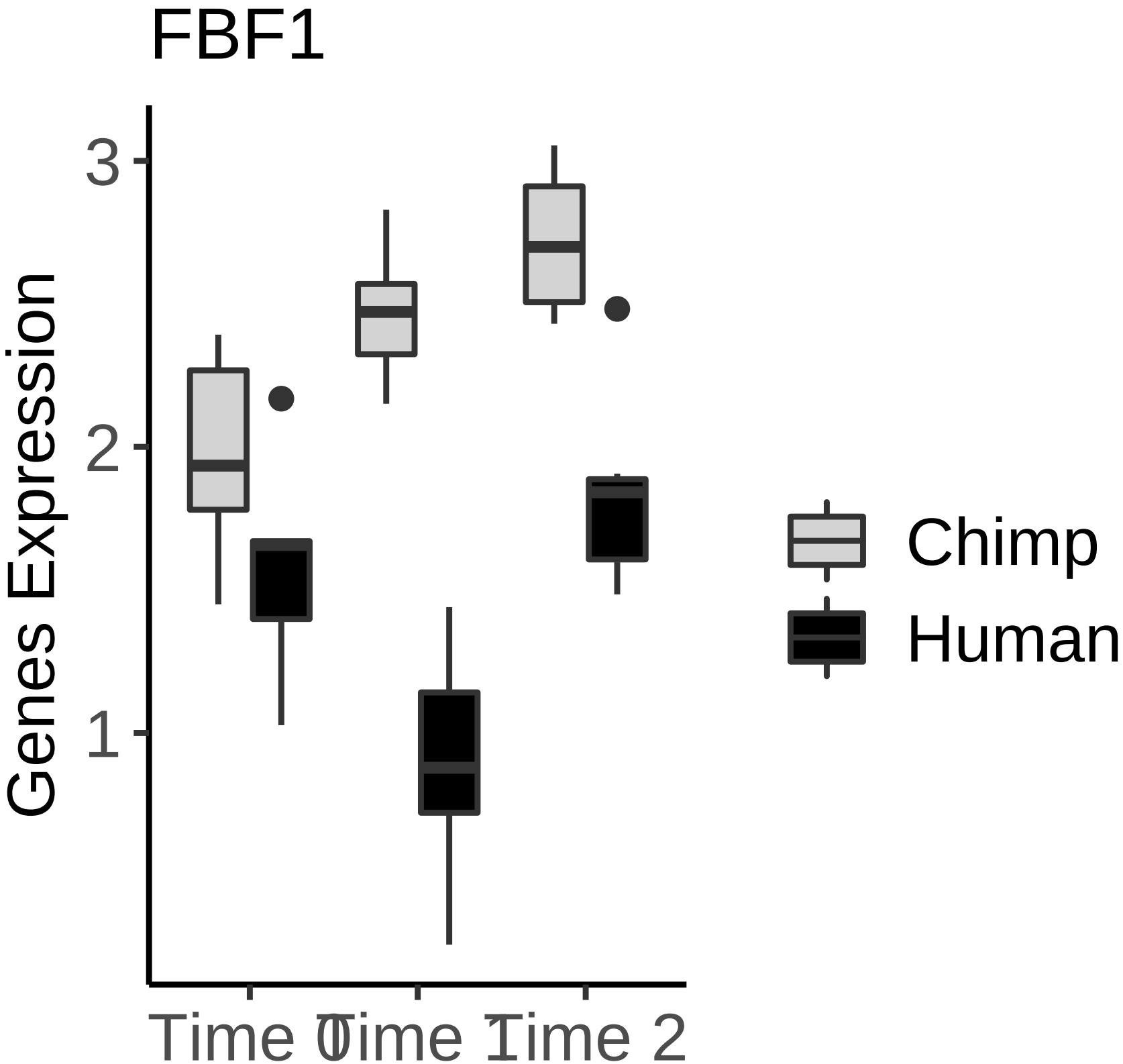
Time 0
Time 1
Time 2
Chimp
Human


FBF1
Genes Expression
3
2
1
Time 0
Time 1
Time 2
Chimp
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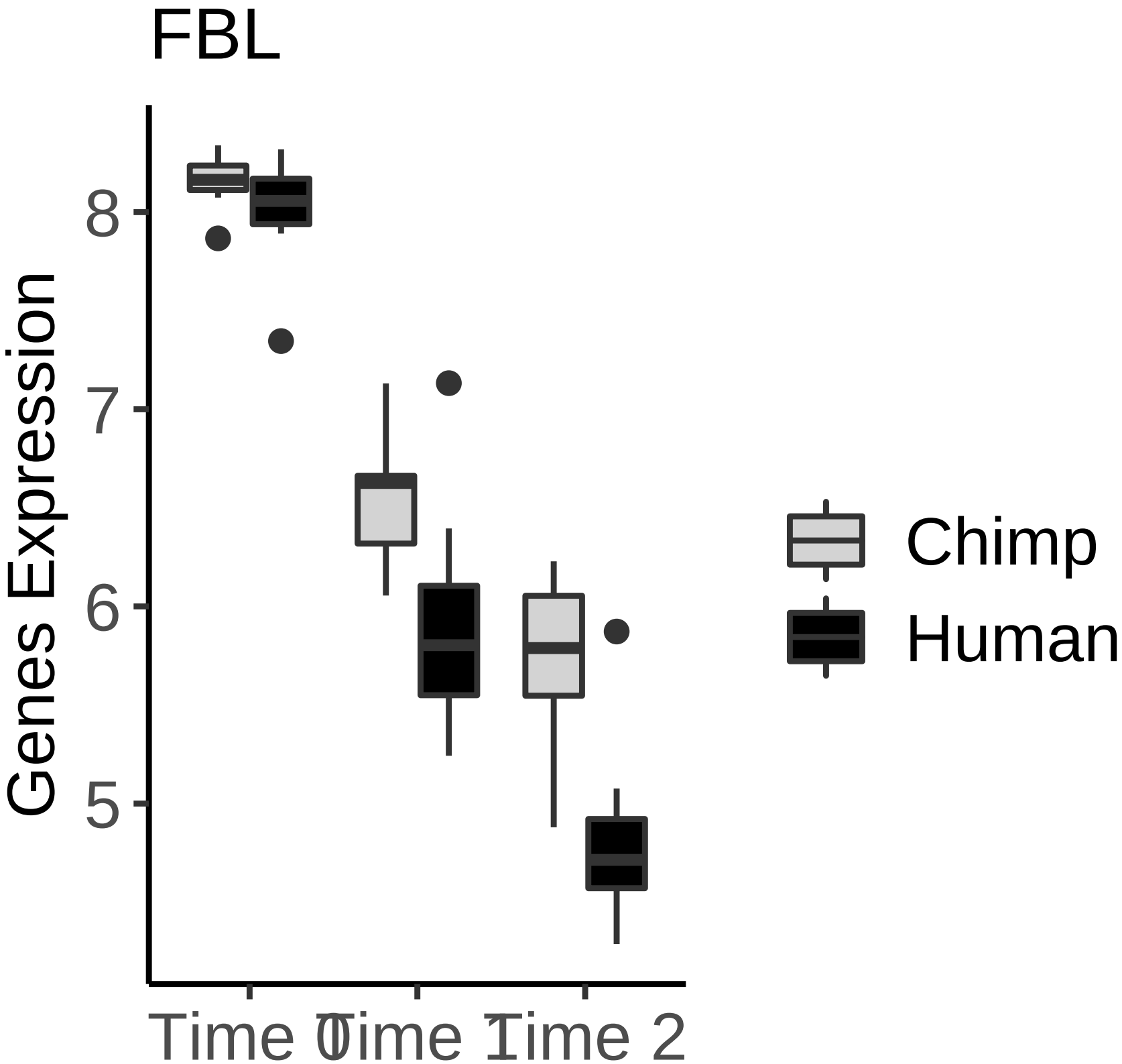
FBL
Genes Expression
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Time 0
Time 1
Time 2
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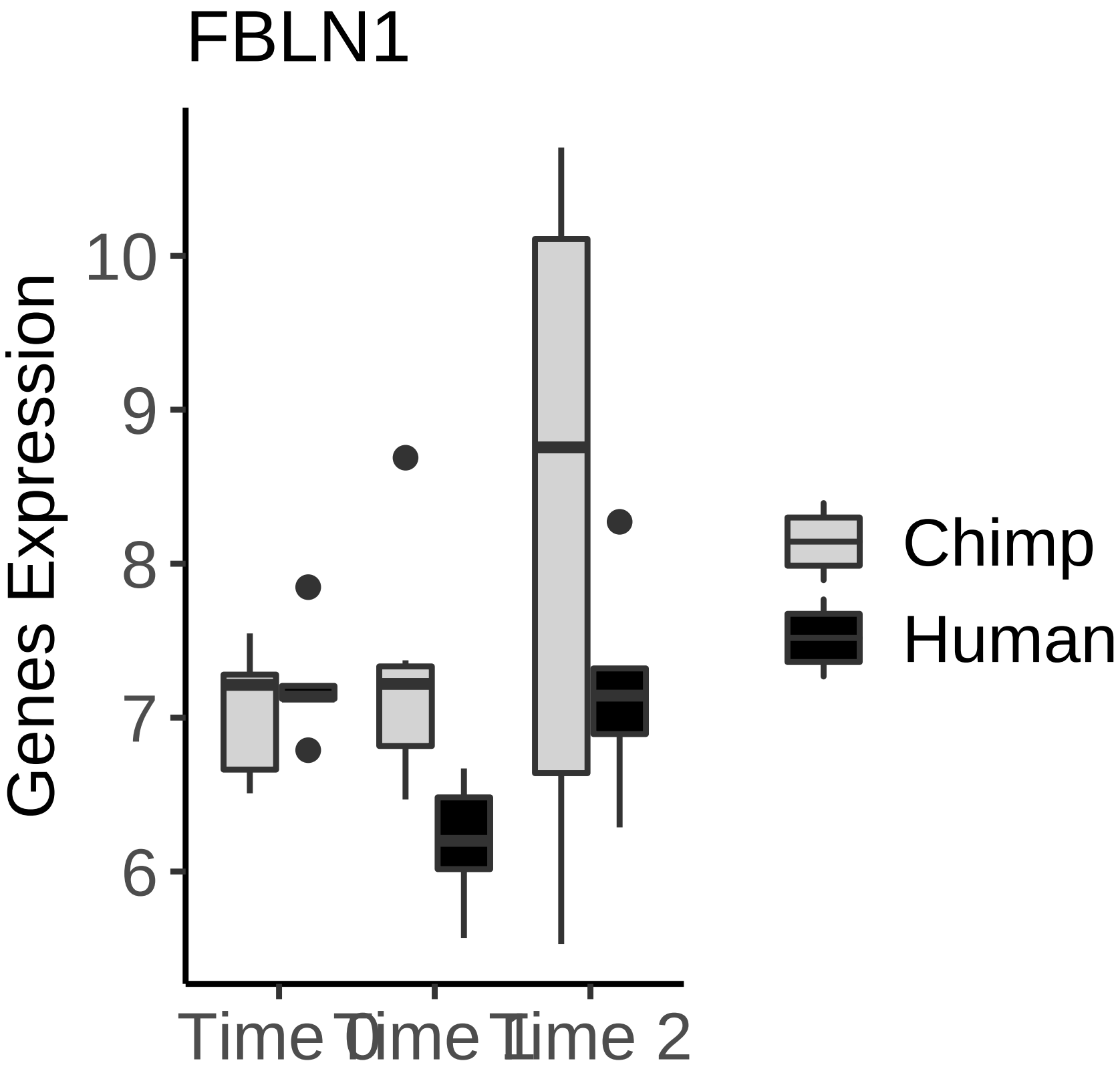
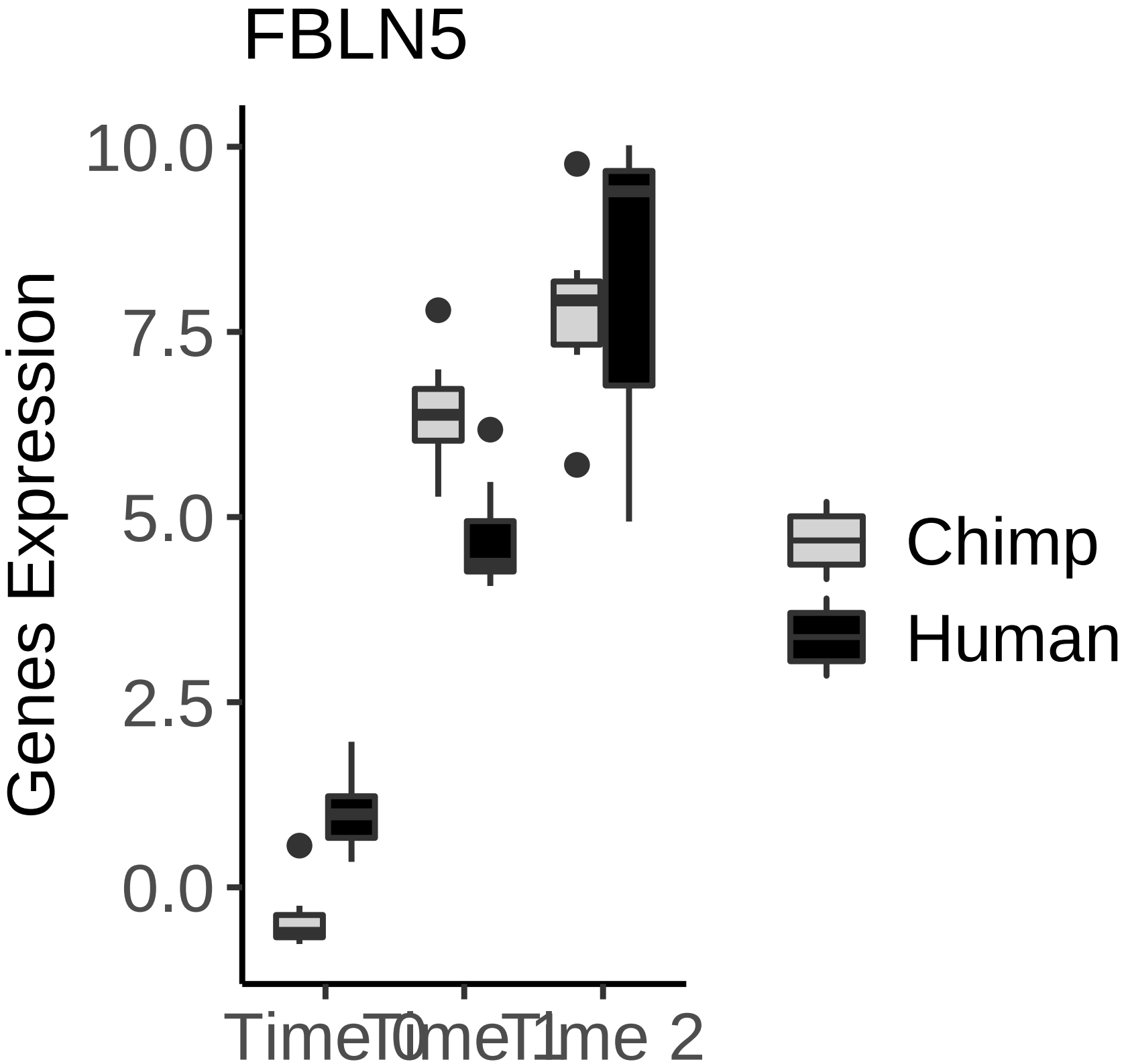

FBLN1
Genes Expression
10
9
8
7
6
Time 0
Time 1
Time 2
Chimp
Human


FBLN5
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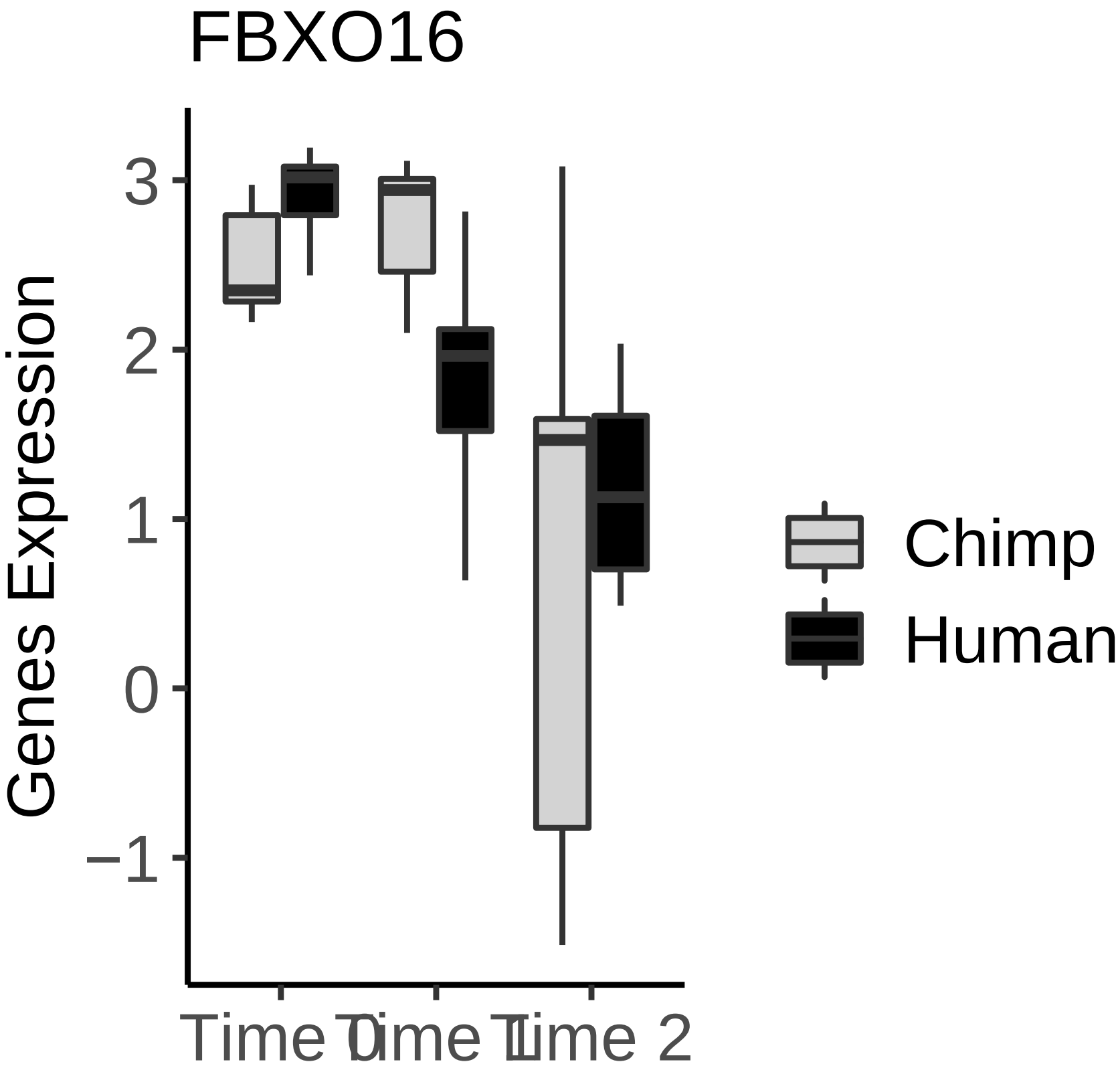
Time 0
Time 1
Time 2
Chimp
Human


FBXO16
Genes Expression
3
2
1
0
−1
Time 0
Time 1
Time 2
Chimp
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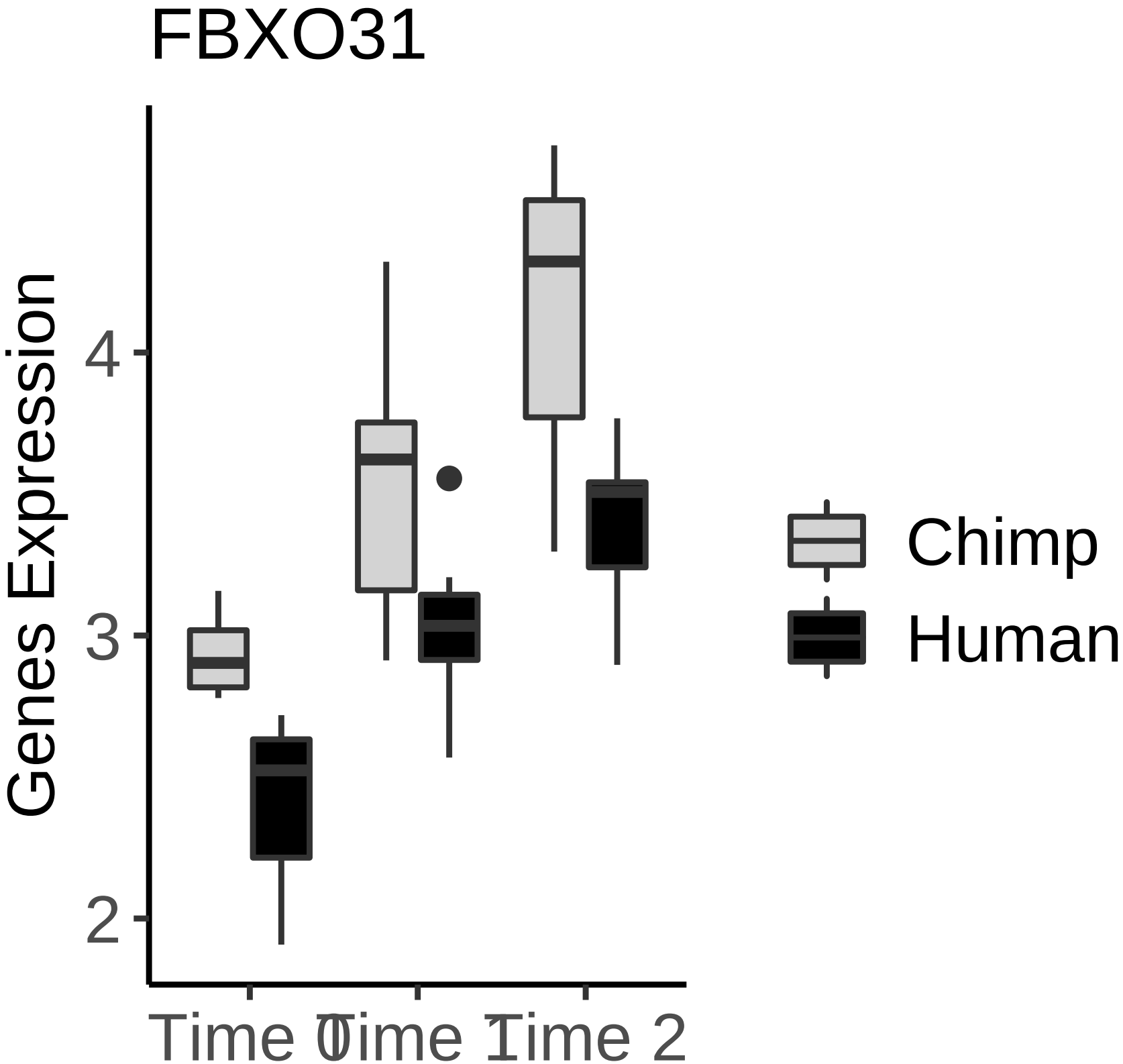
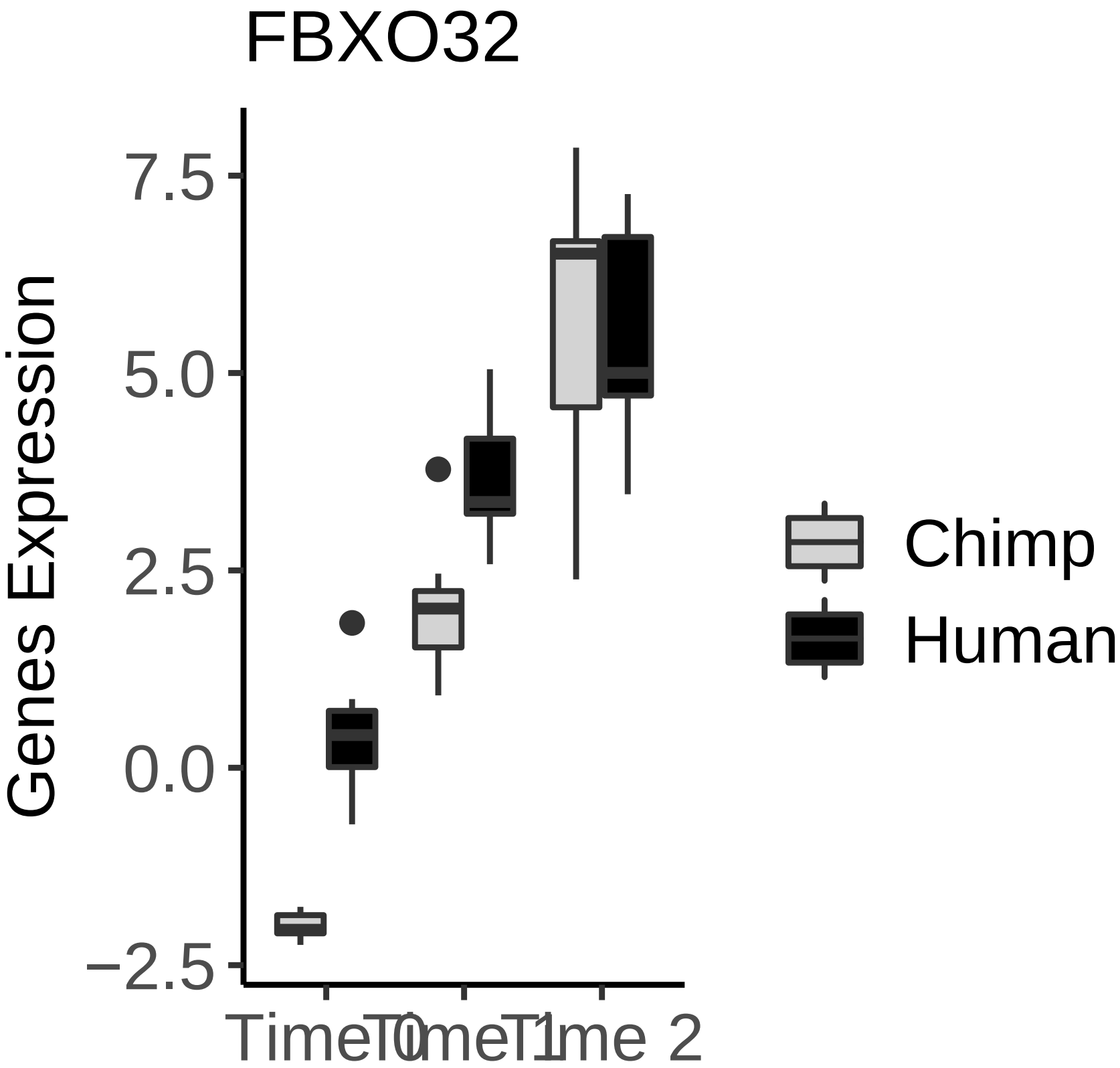

FBXO31
Genes Expression
4
3
2
Time 0
Time 1
Time 2
Chimp
Human


FBXO32
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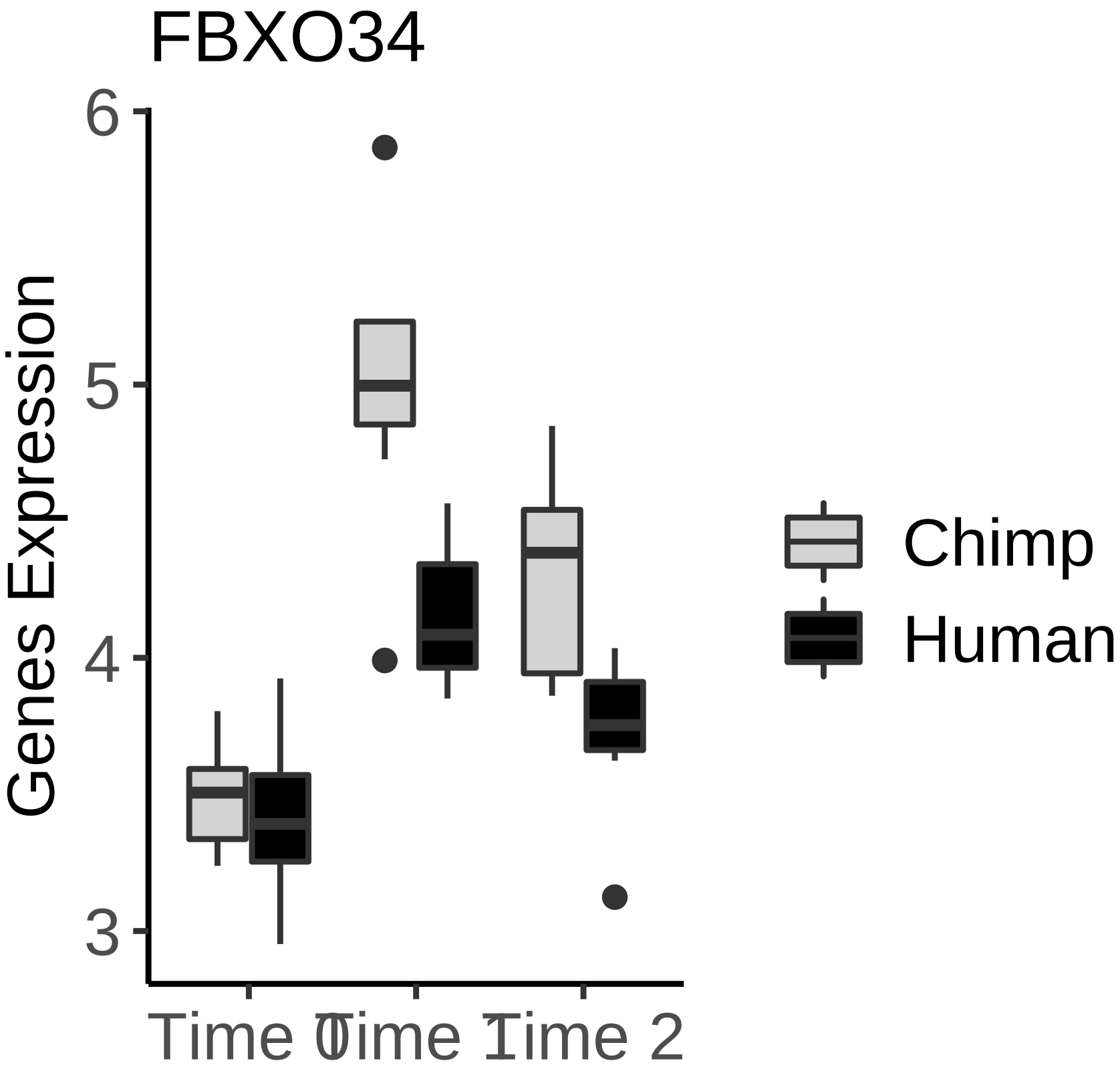
−2.5
Time 0
Time 1
Time 2
Chimp
Human


FBXO34
Genes Expression
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5
4
3
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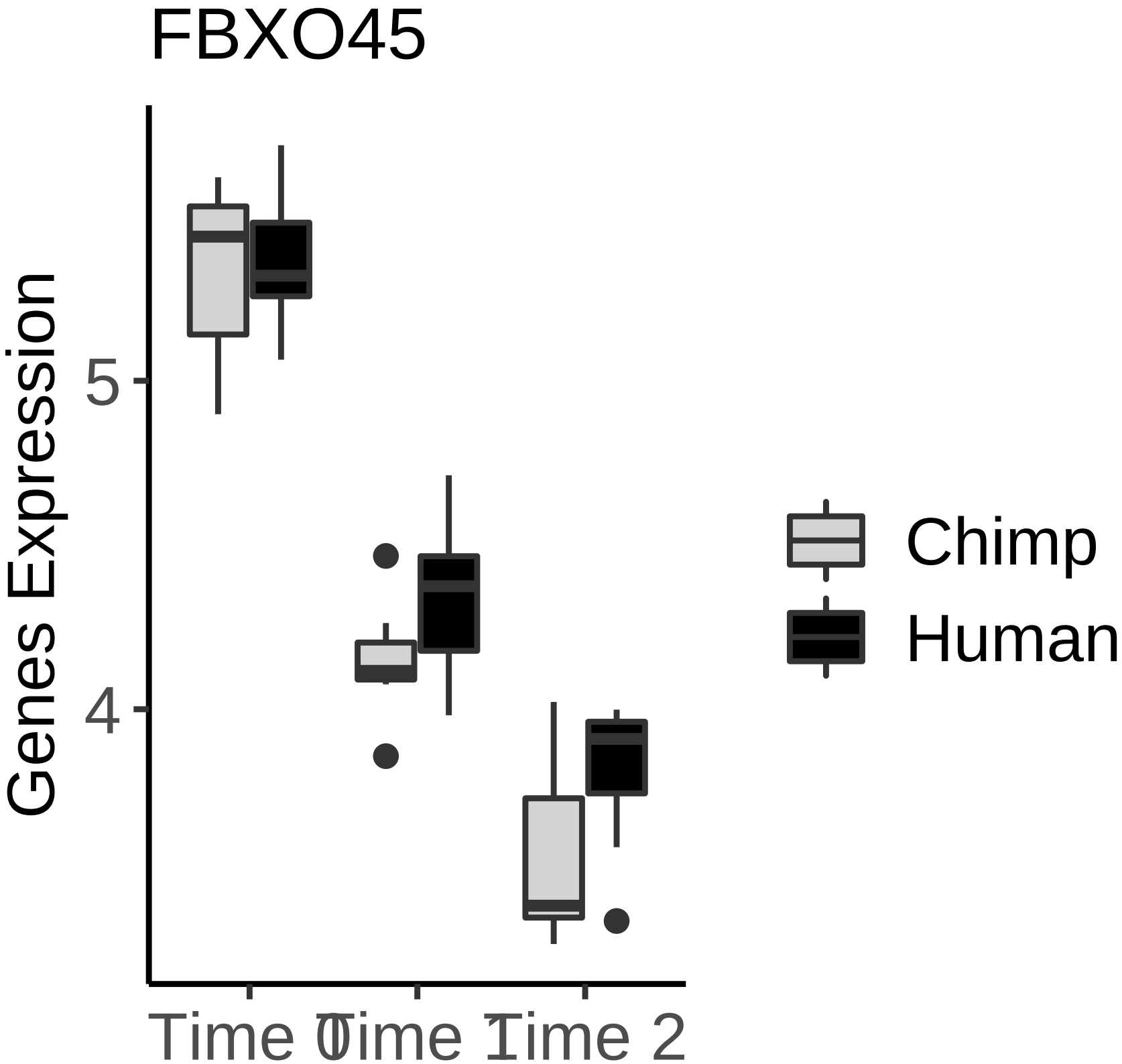
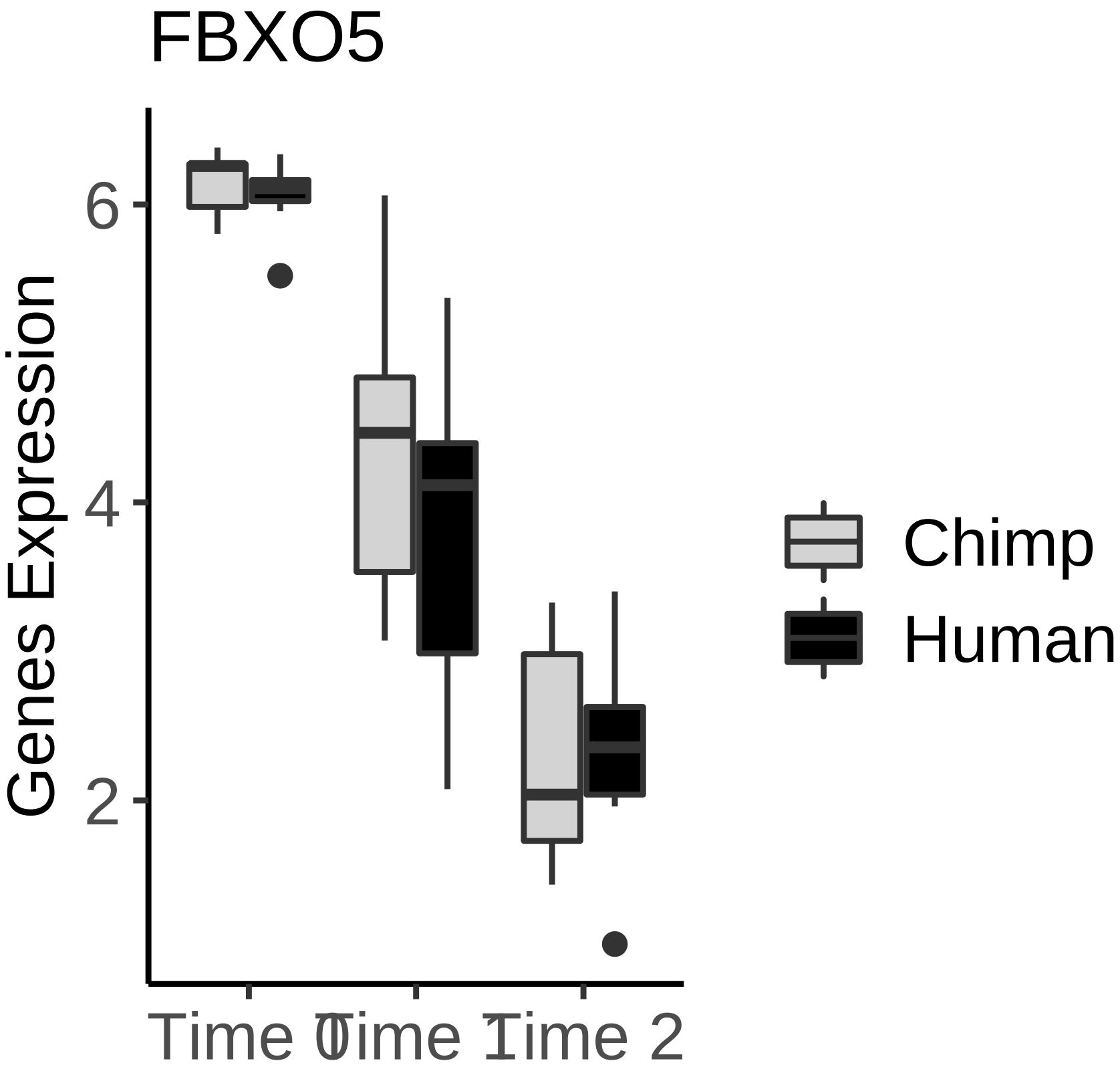
Time 1
Time 2
Chimp
Human


FBXO45
Genes Expression
5
4
Time 0
Time 1
Time 2
Chimp
Human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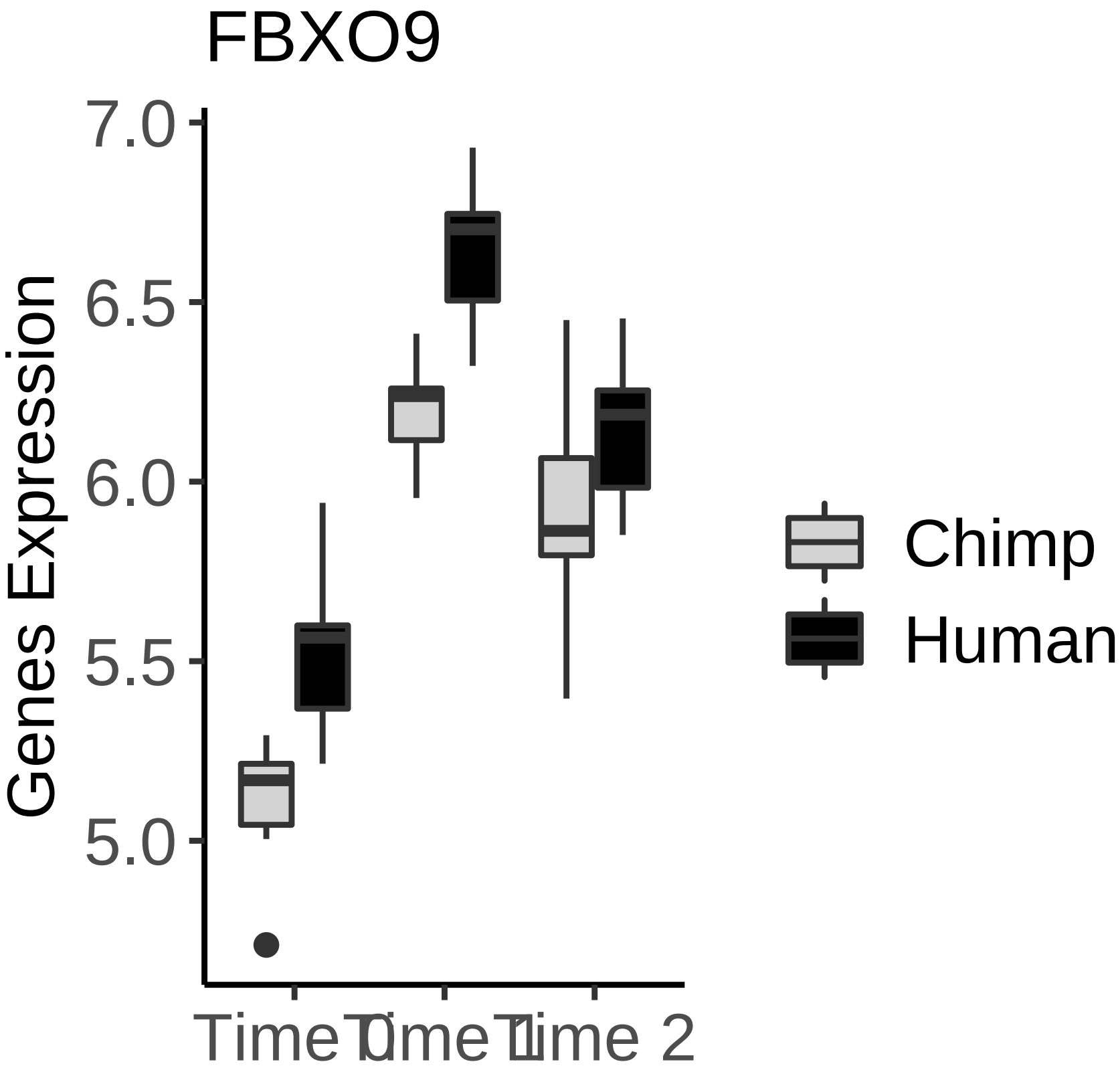
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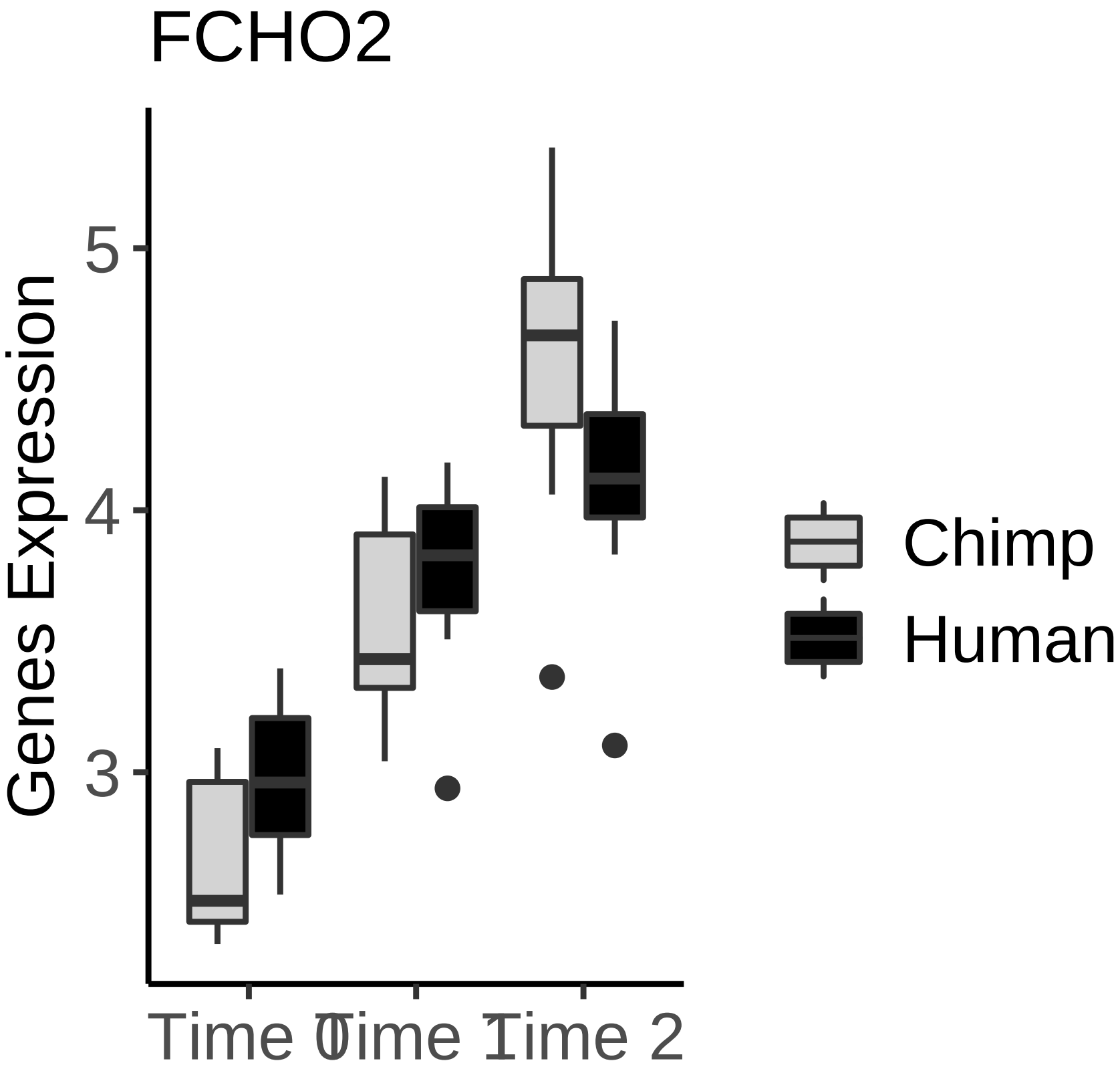
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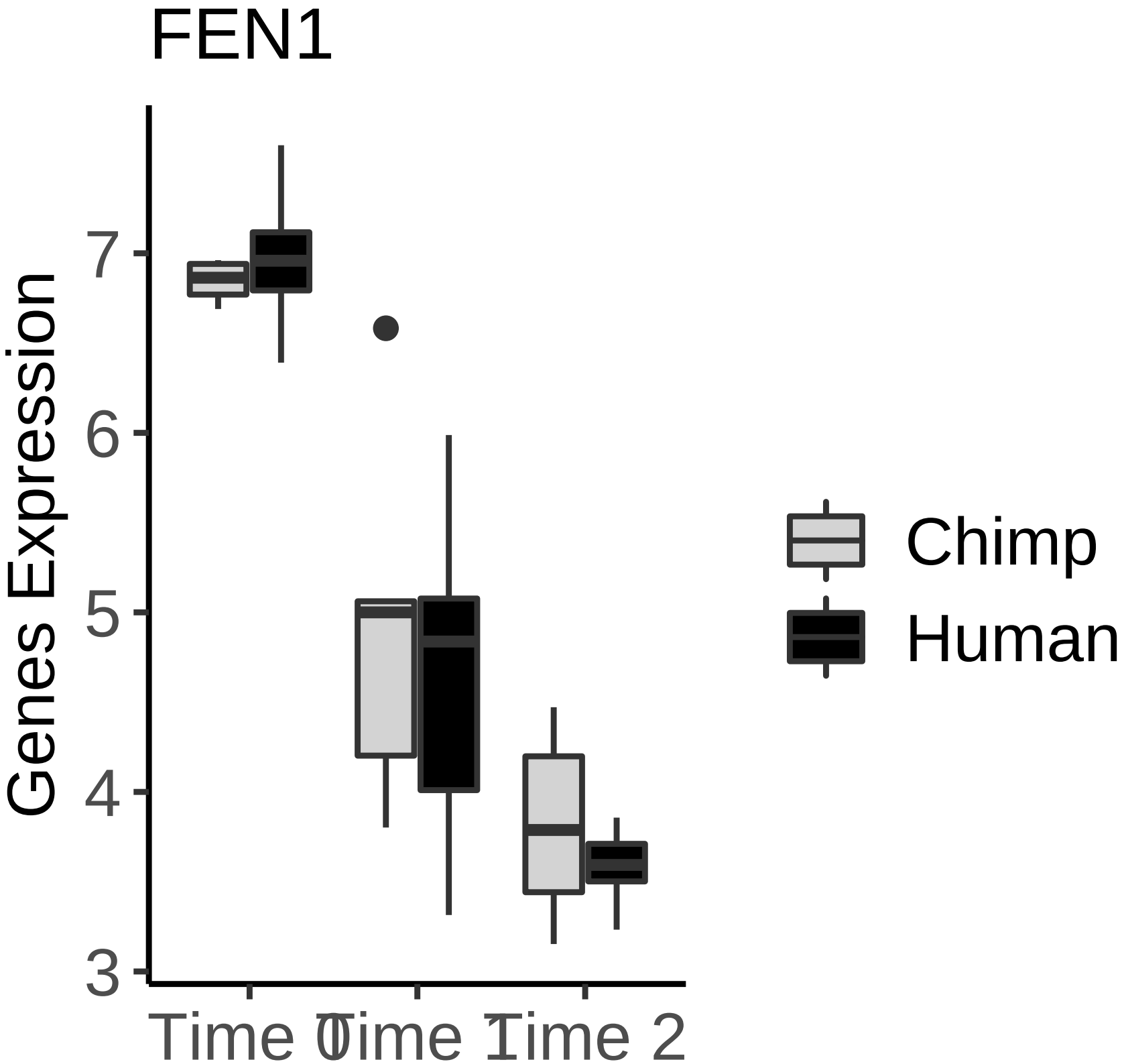
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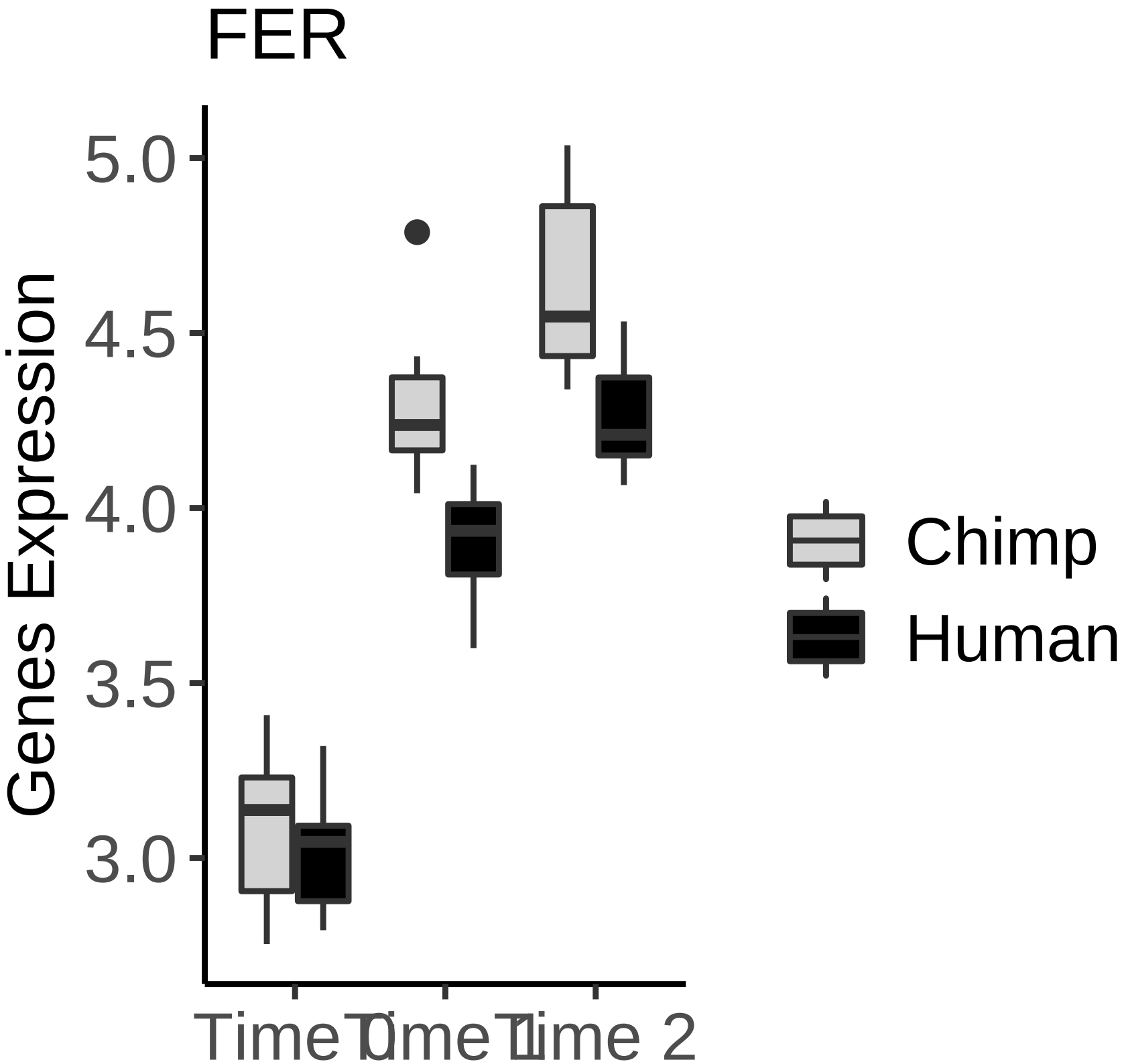
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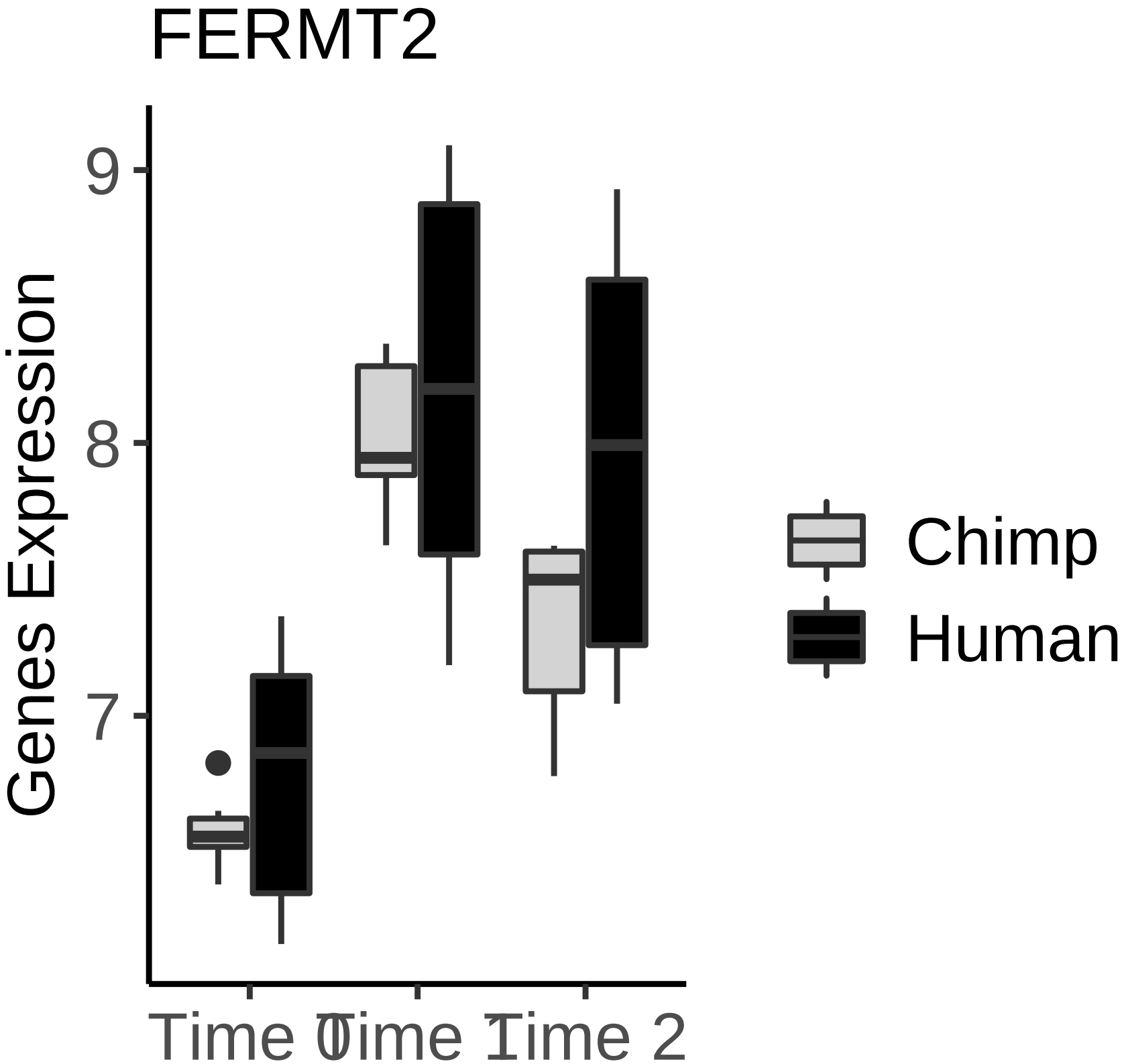
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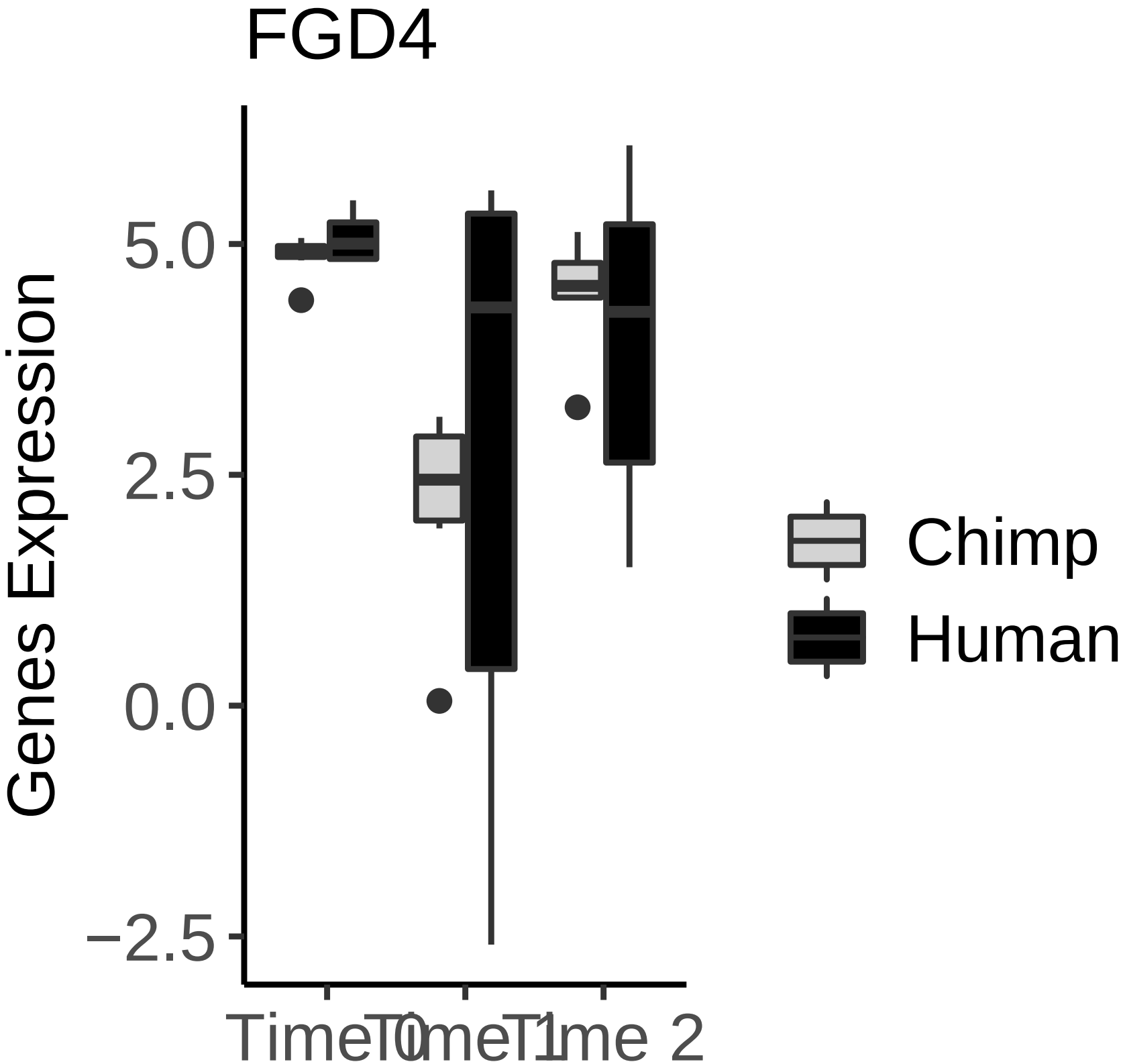
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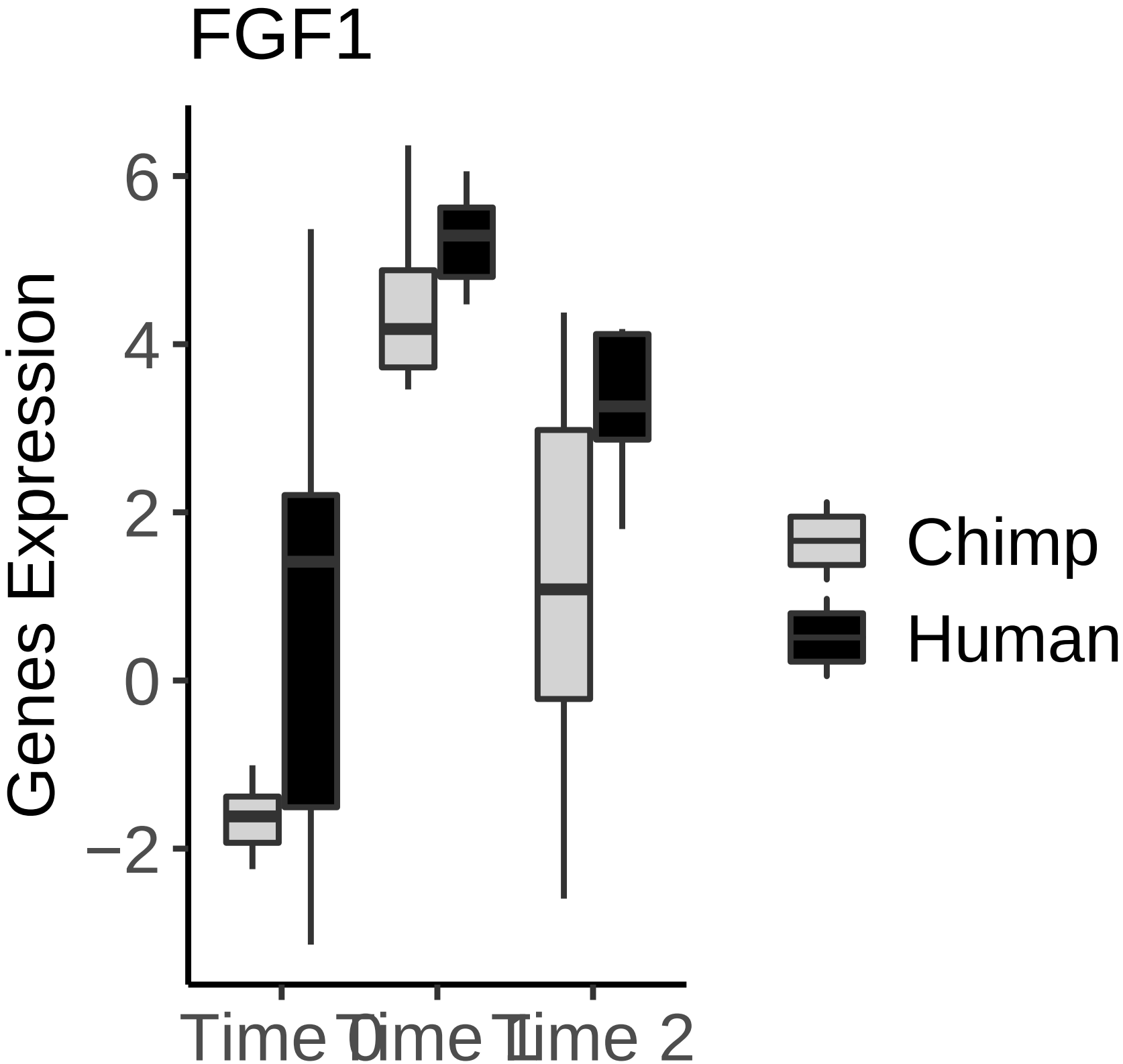
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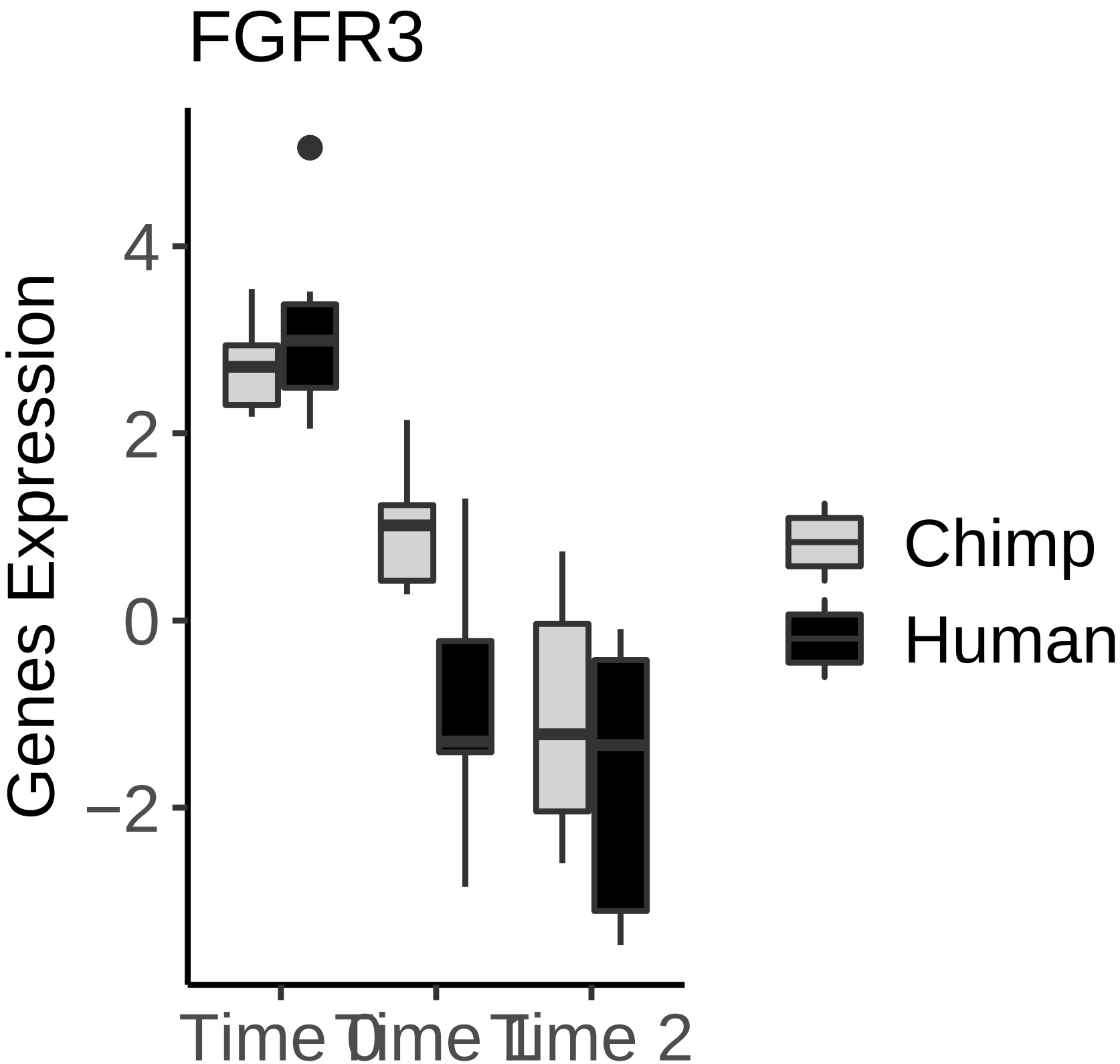
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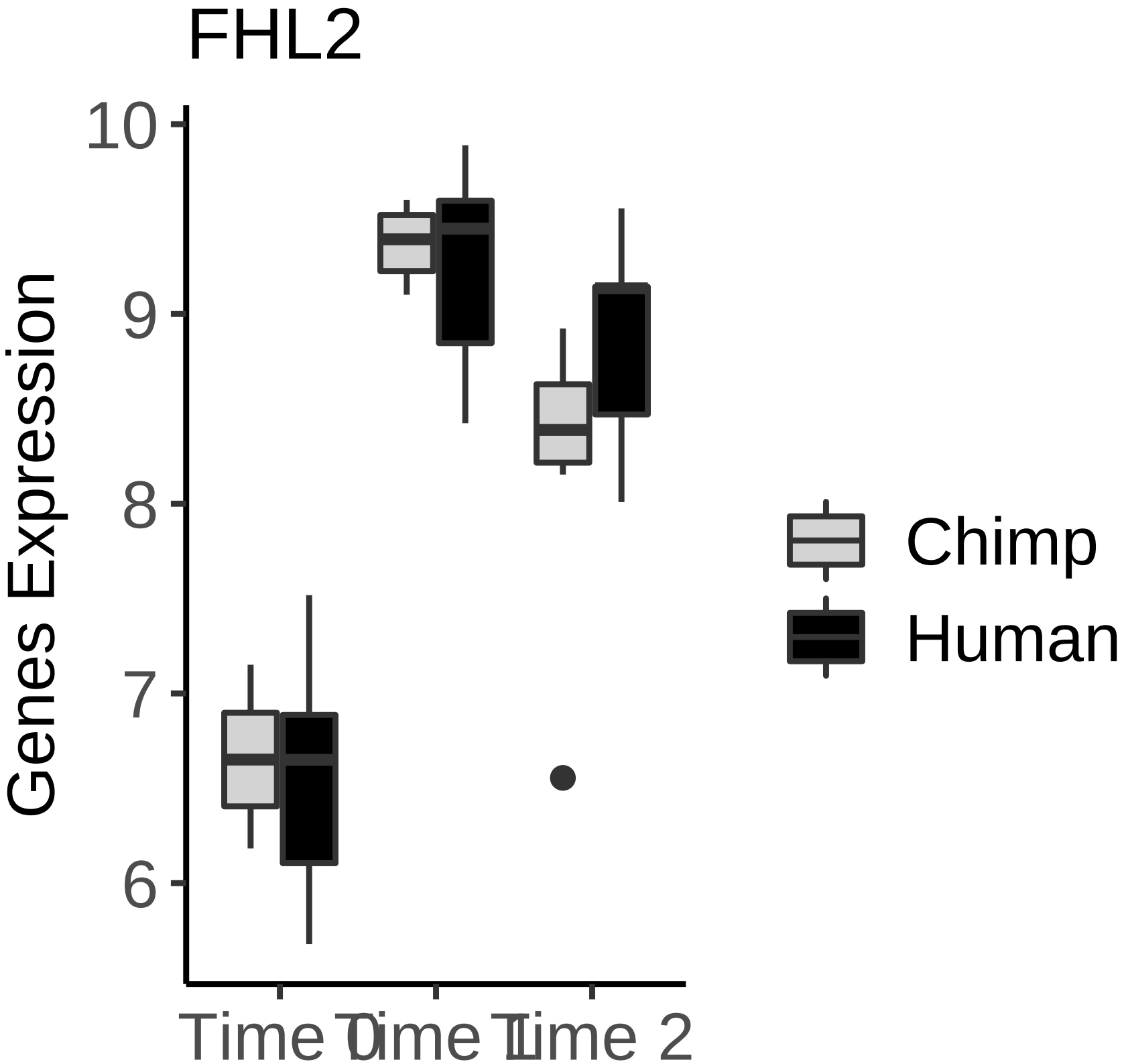
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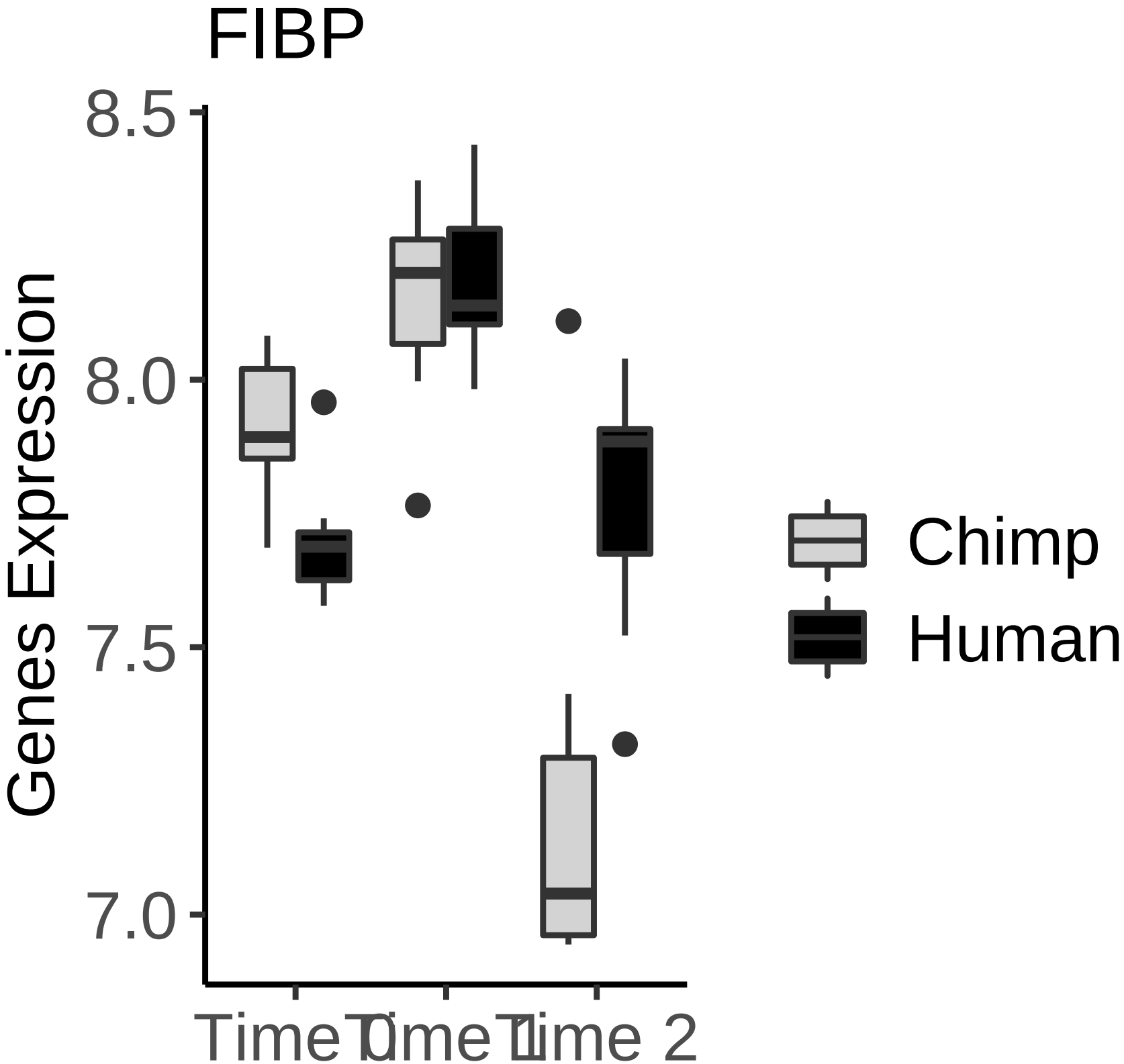
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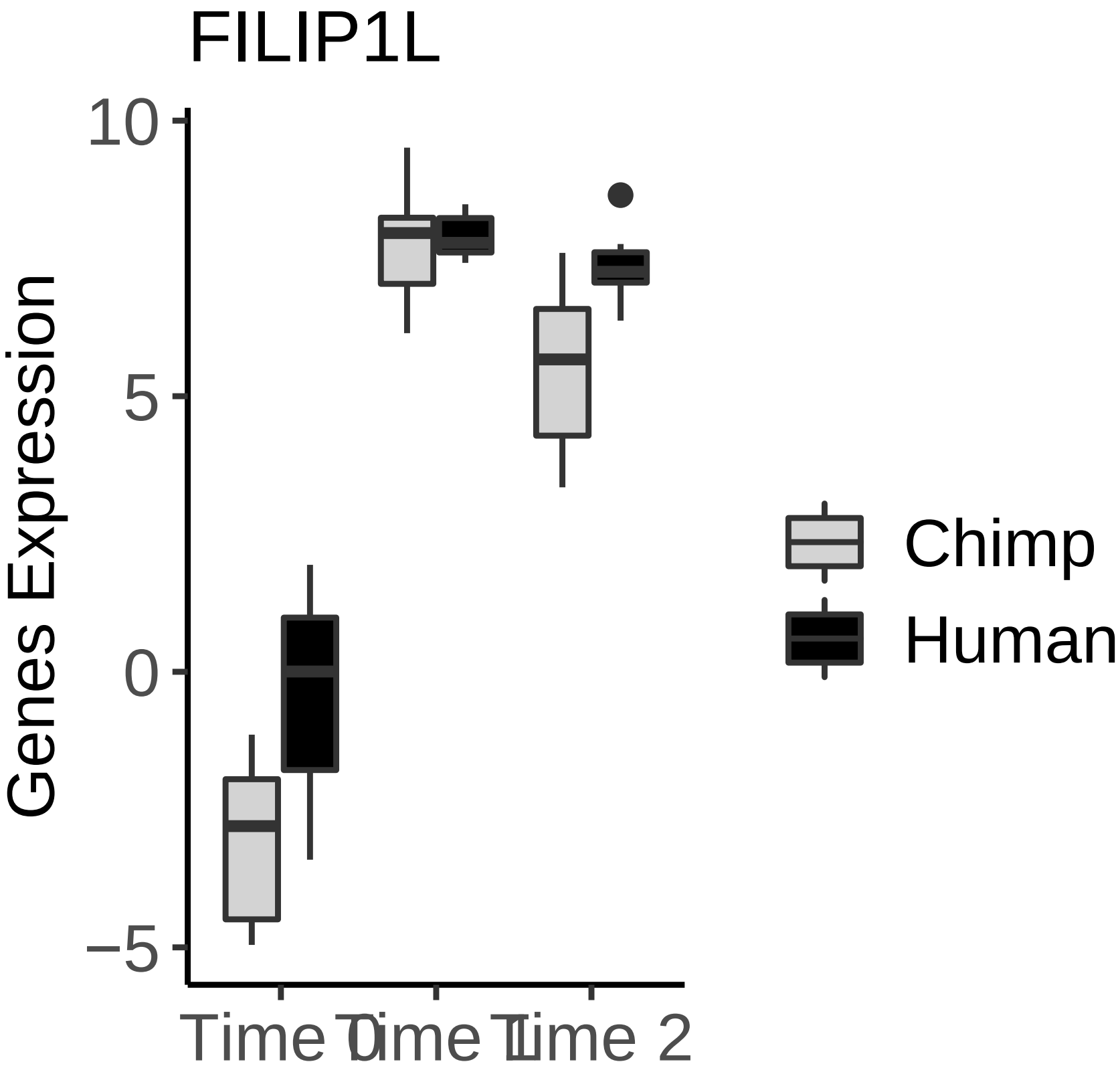
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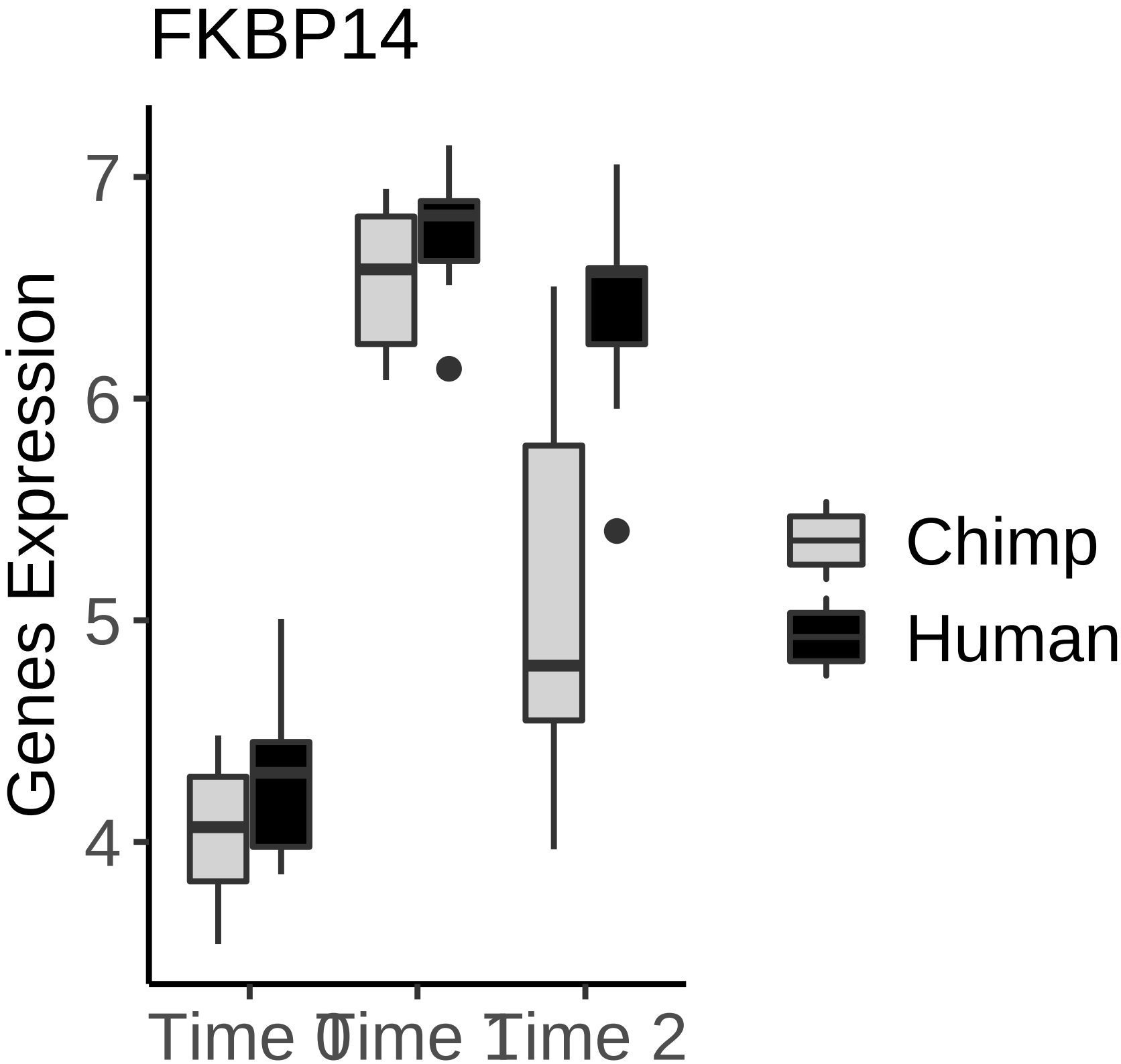
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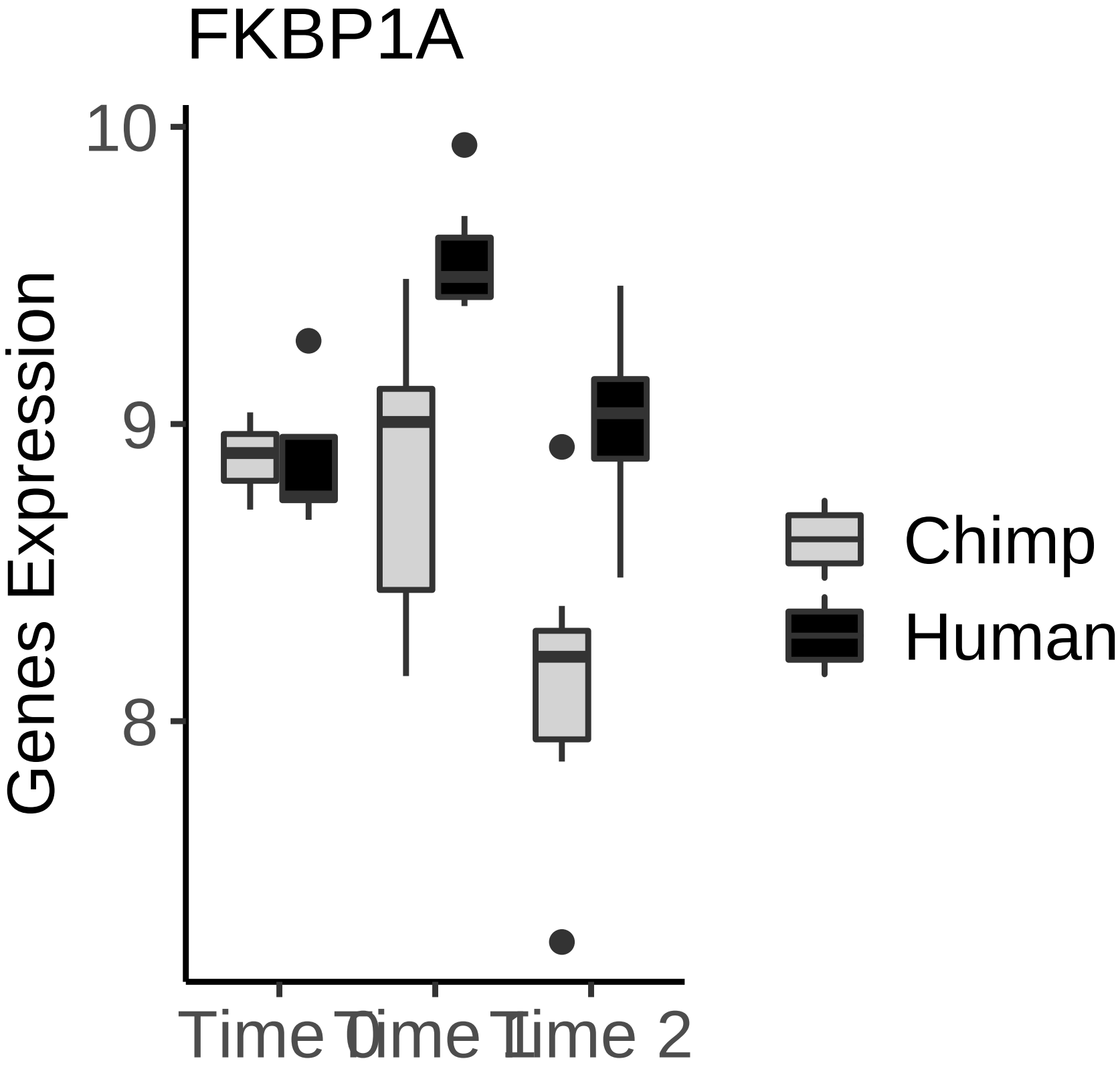
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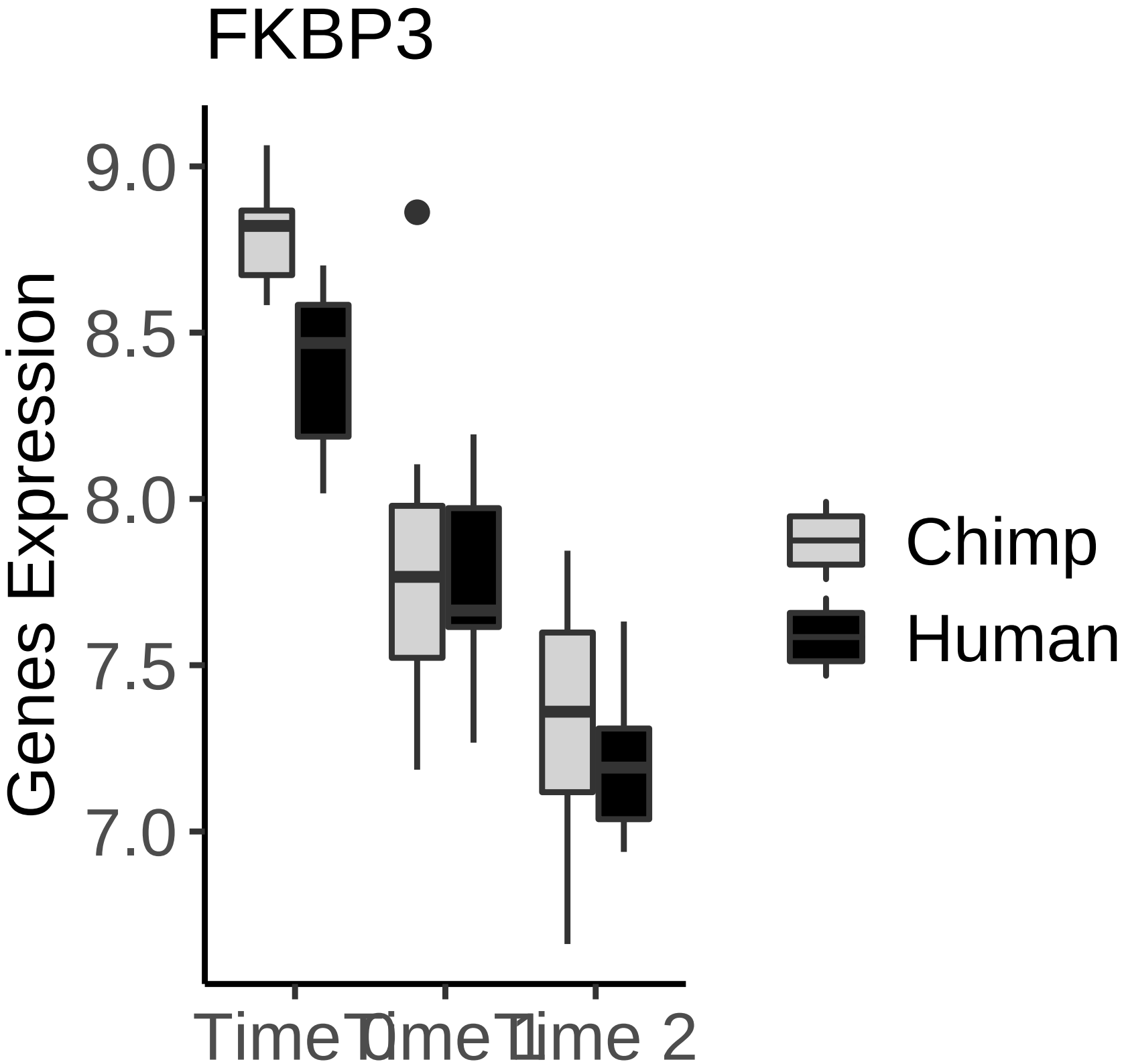
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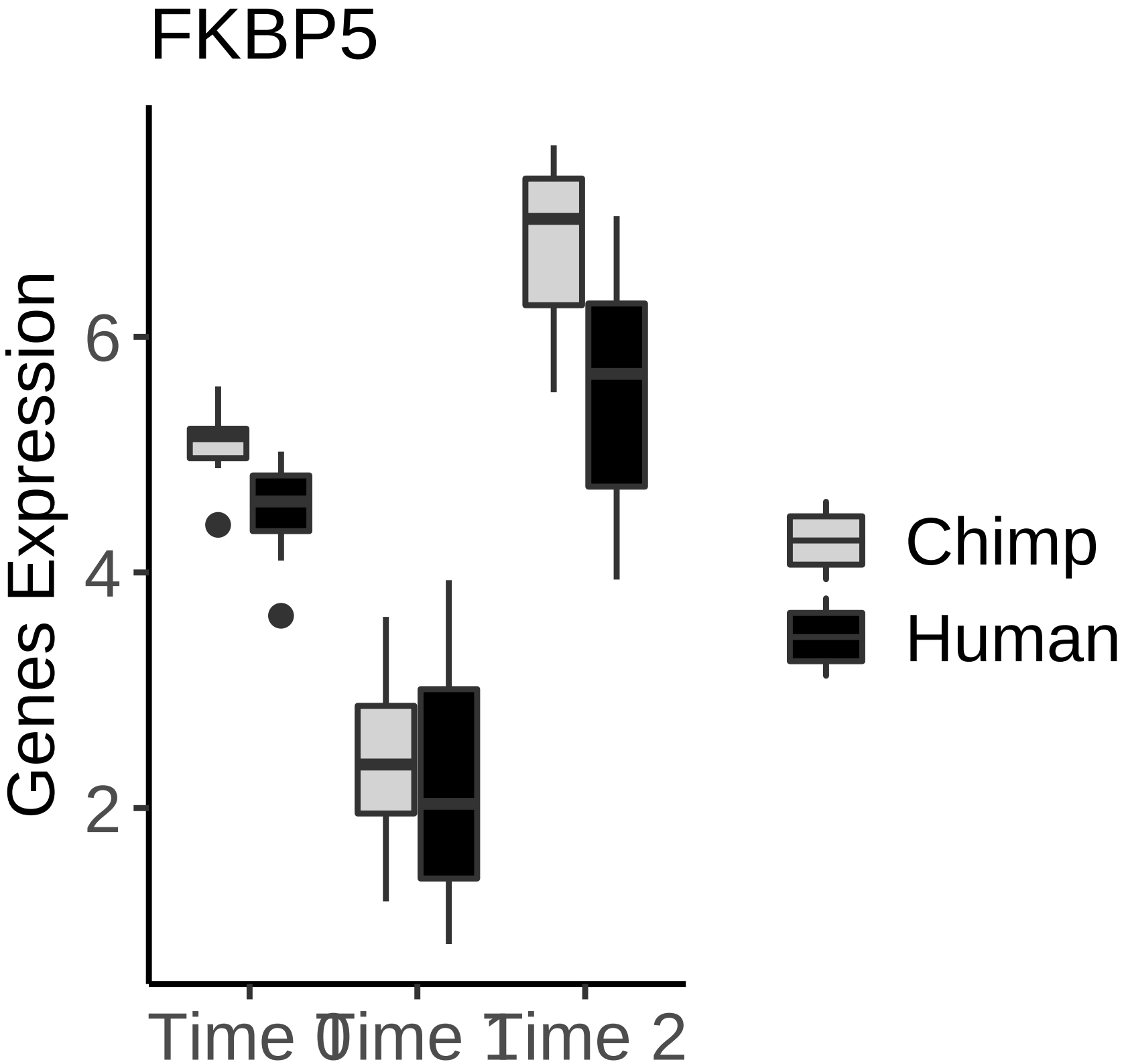
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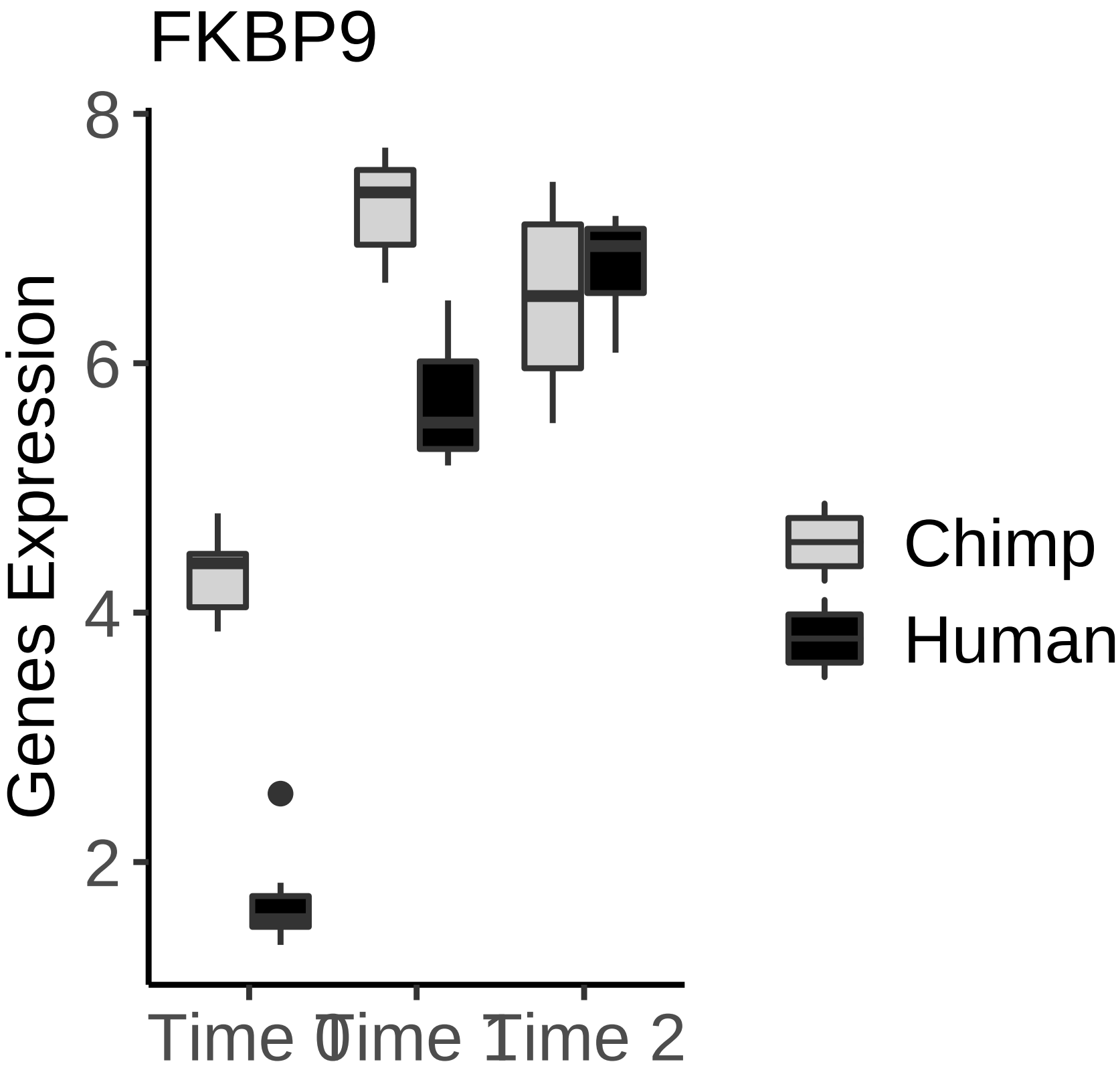
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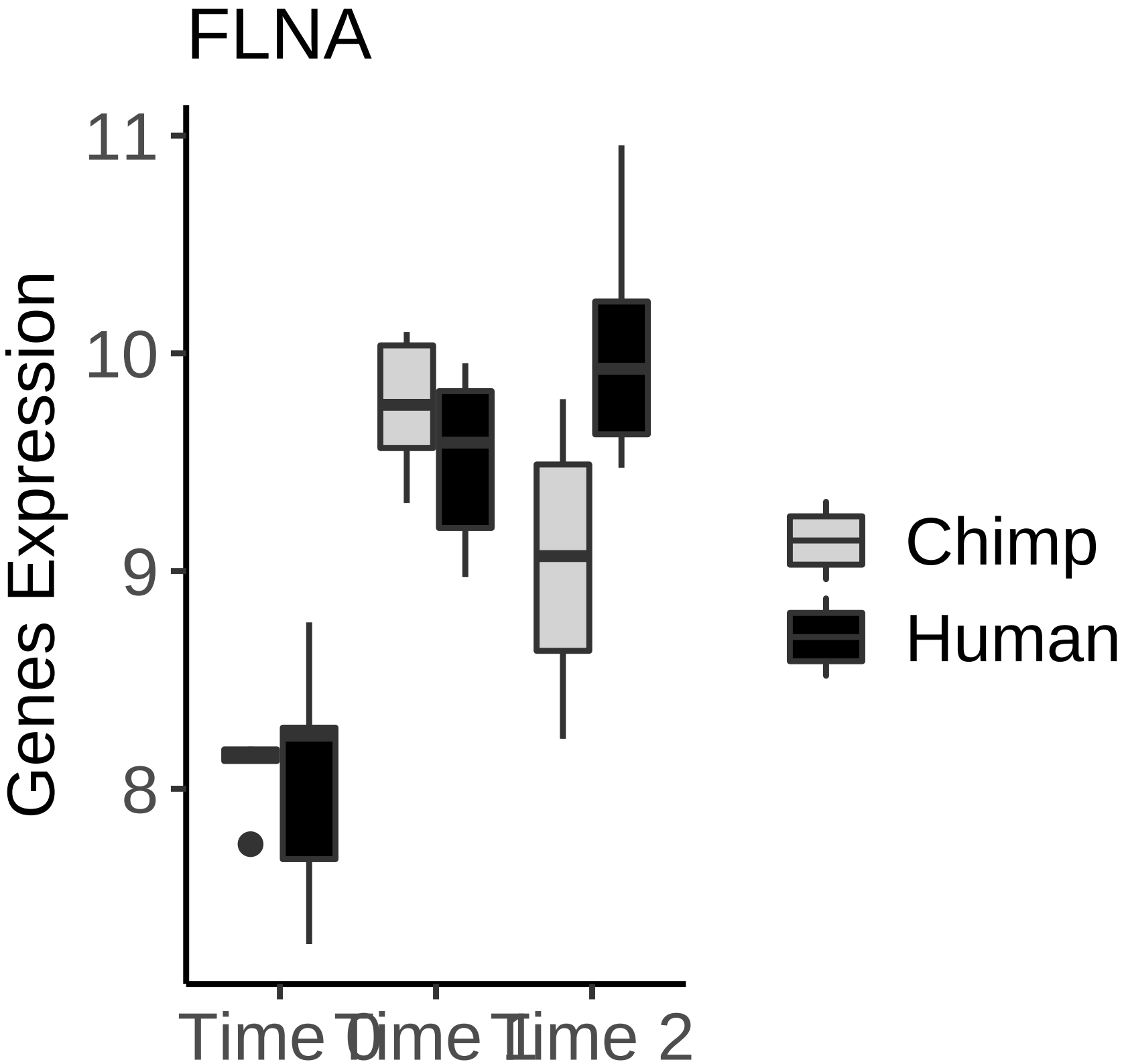
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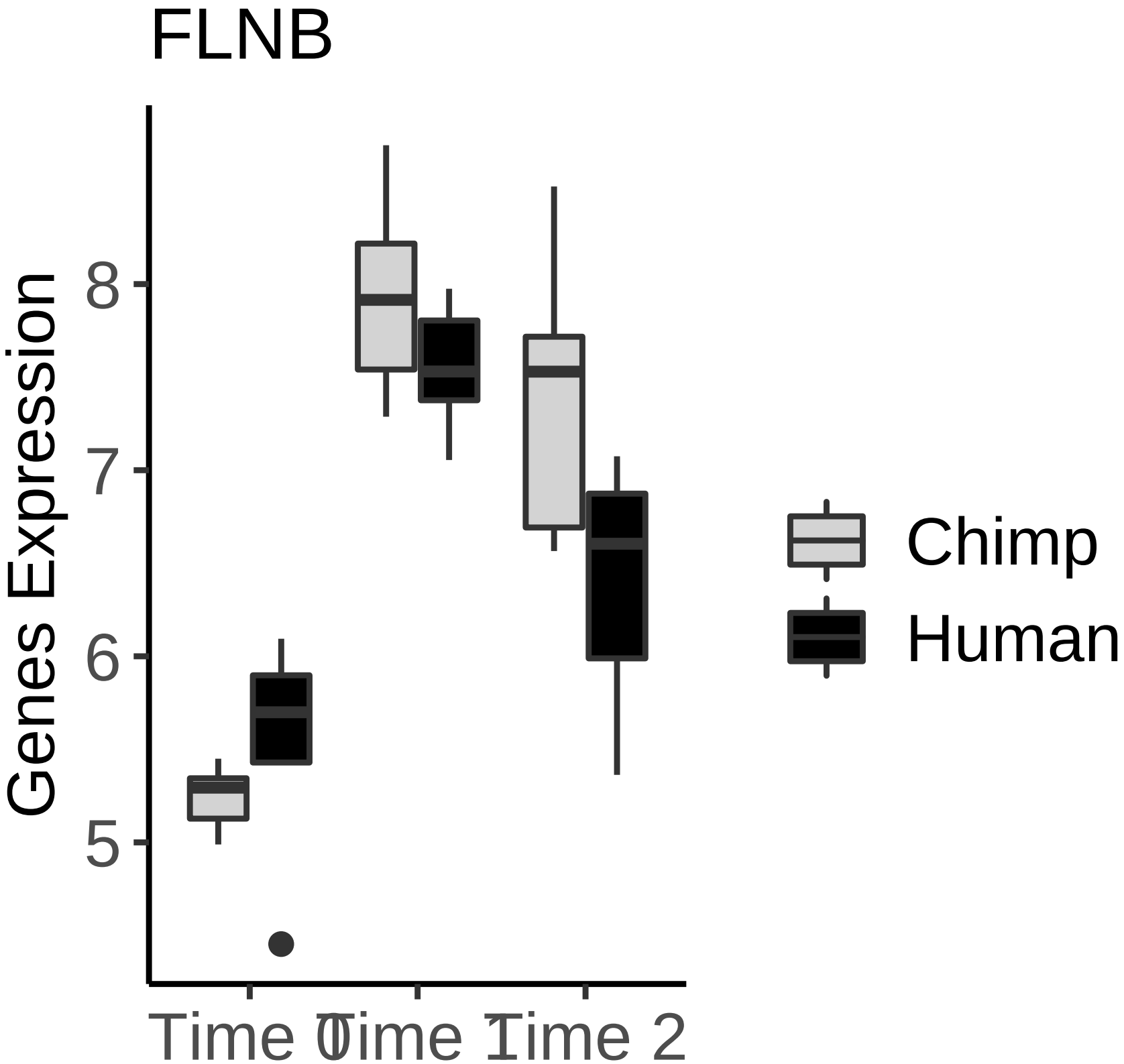
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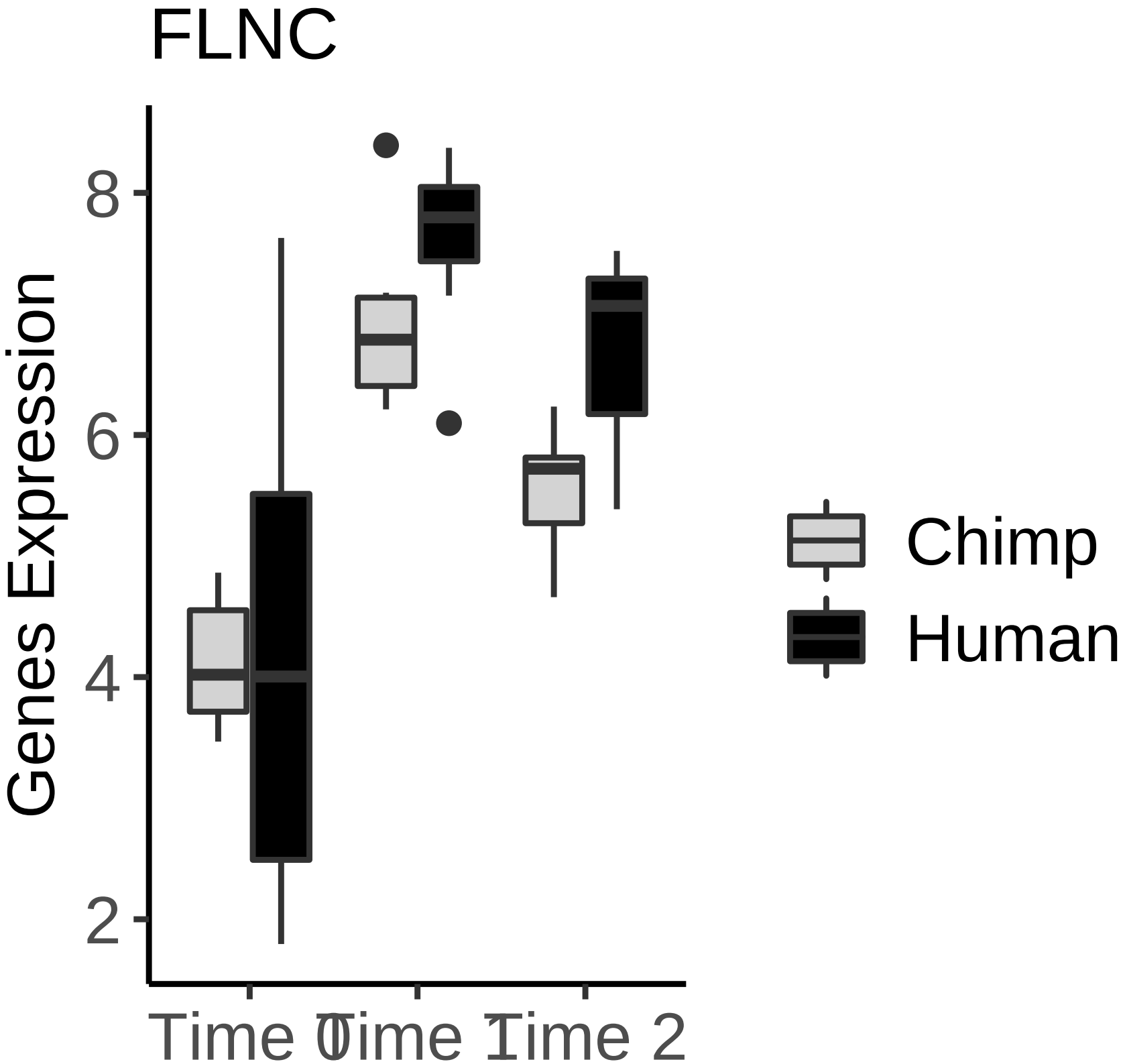
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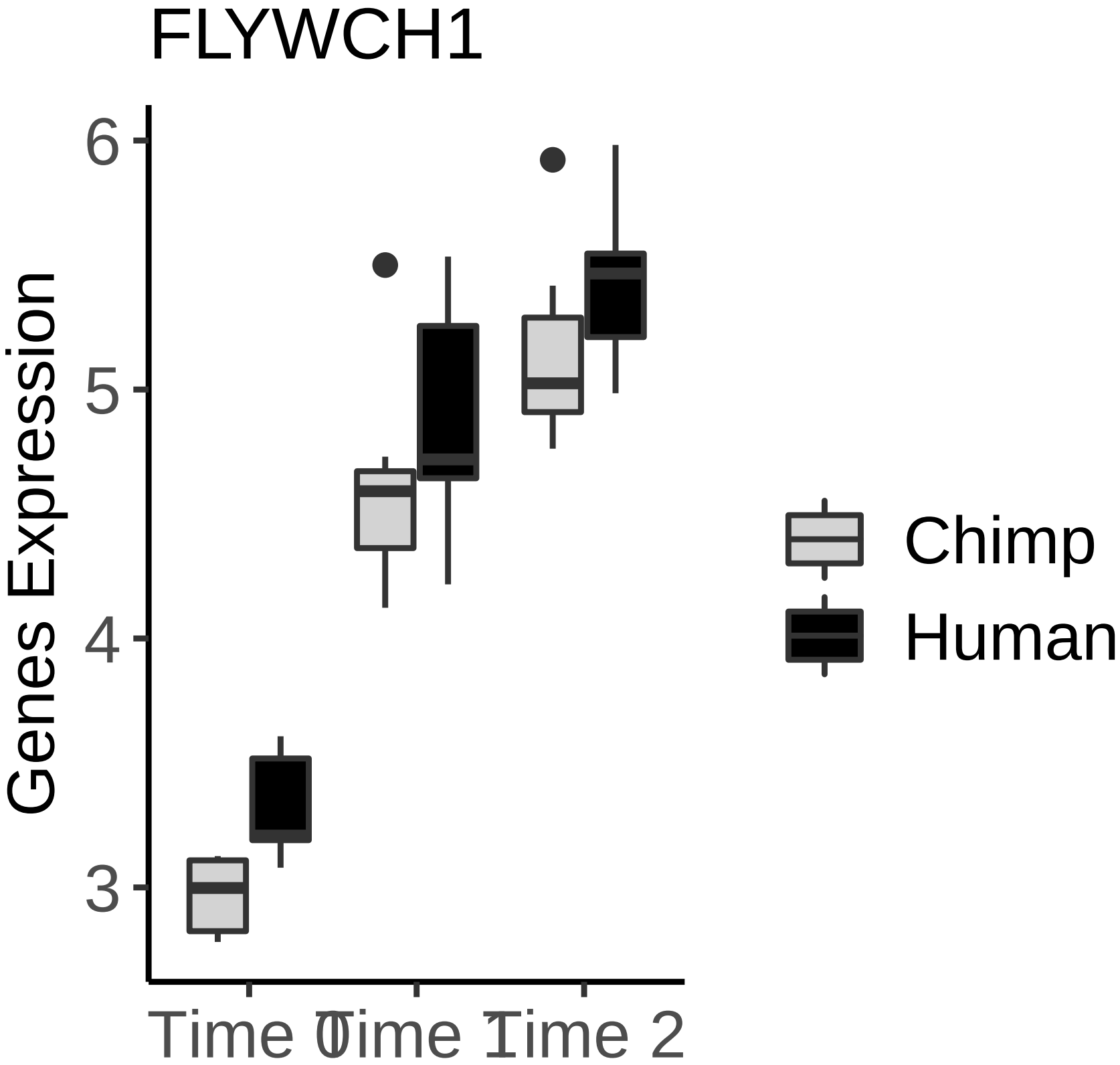
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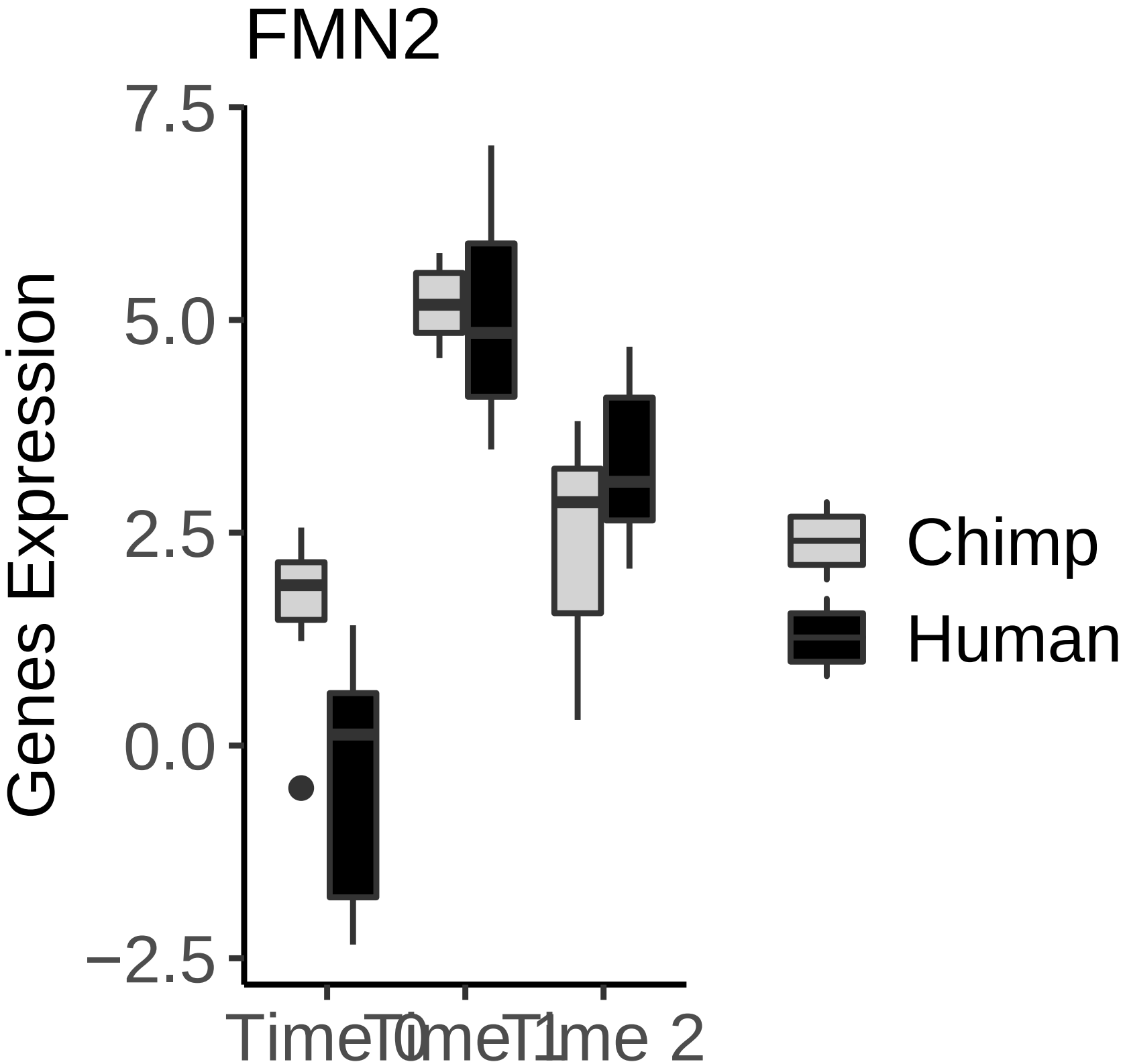
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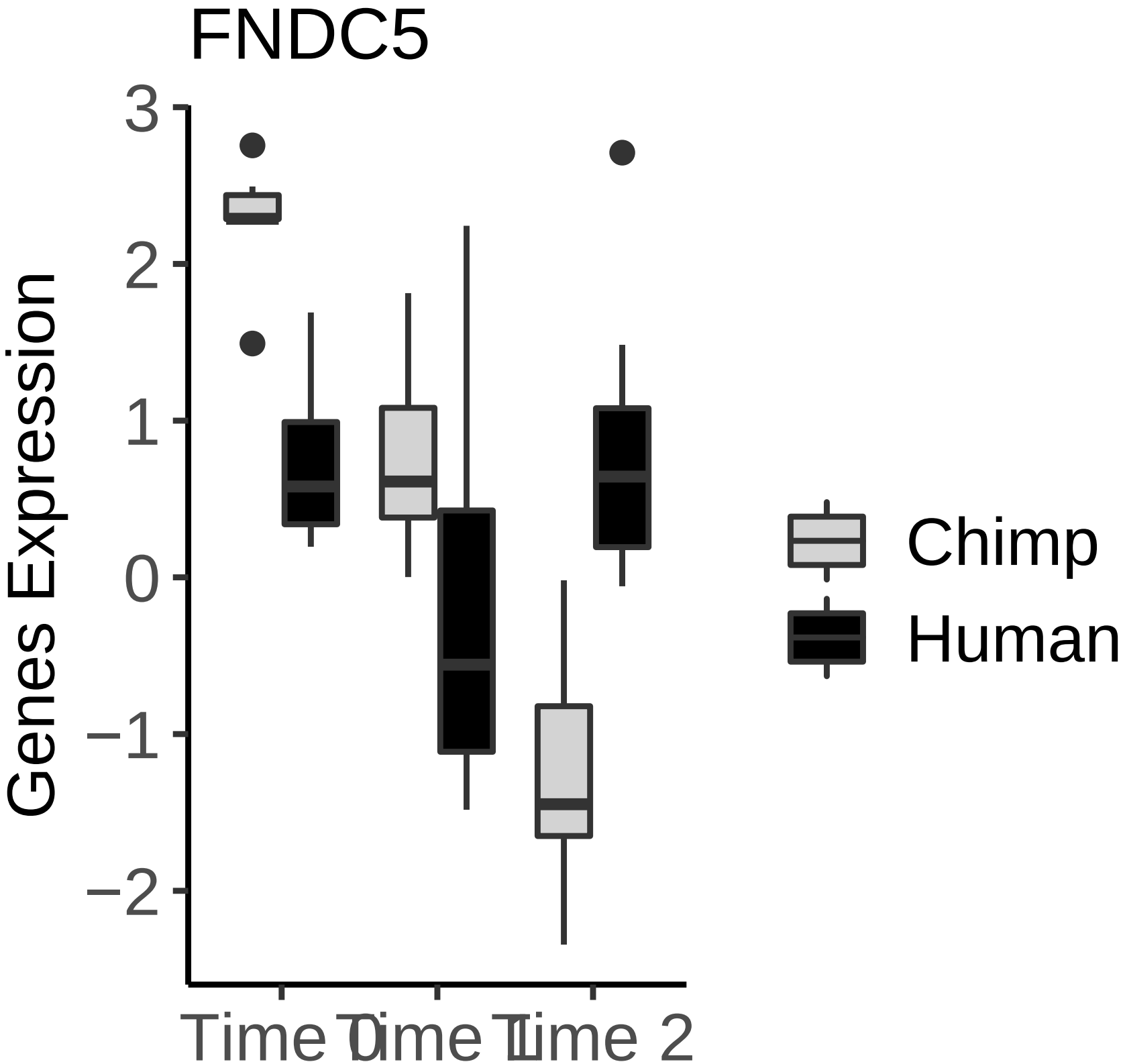
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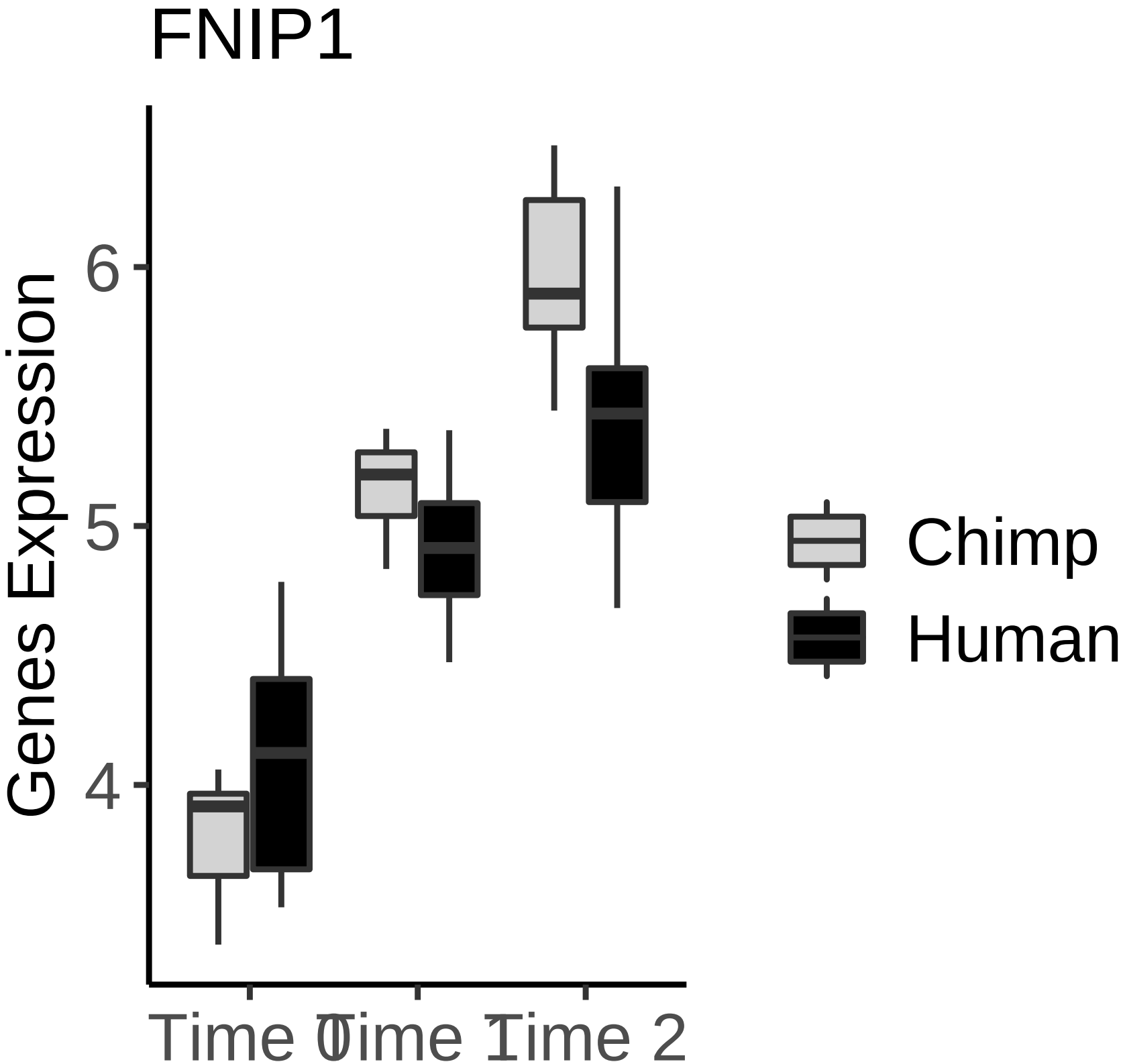
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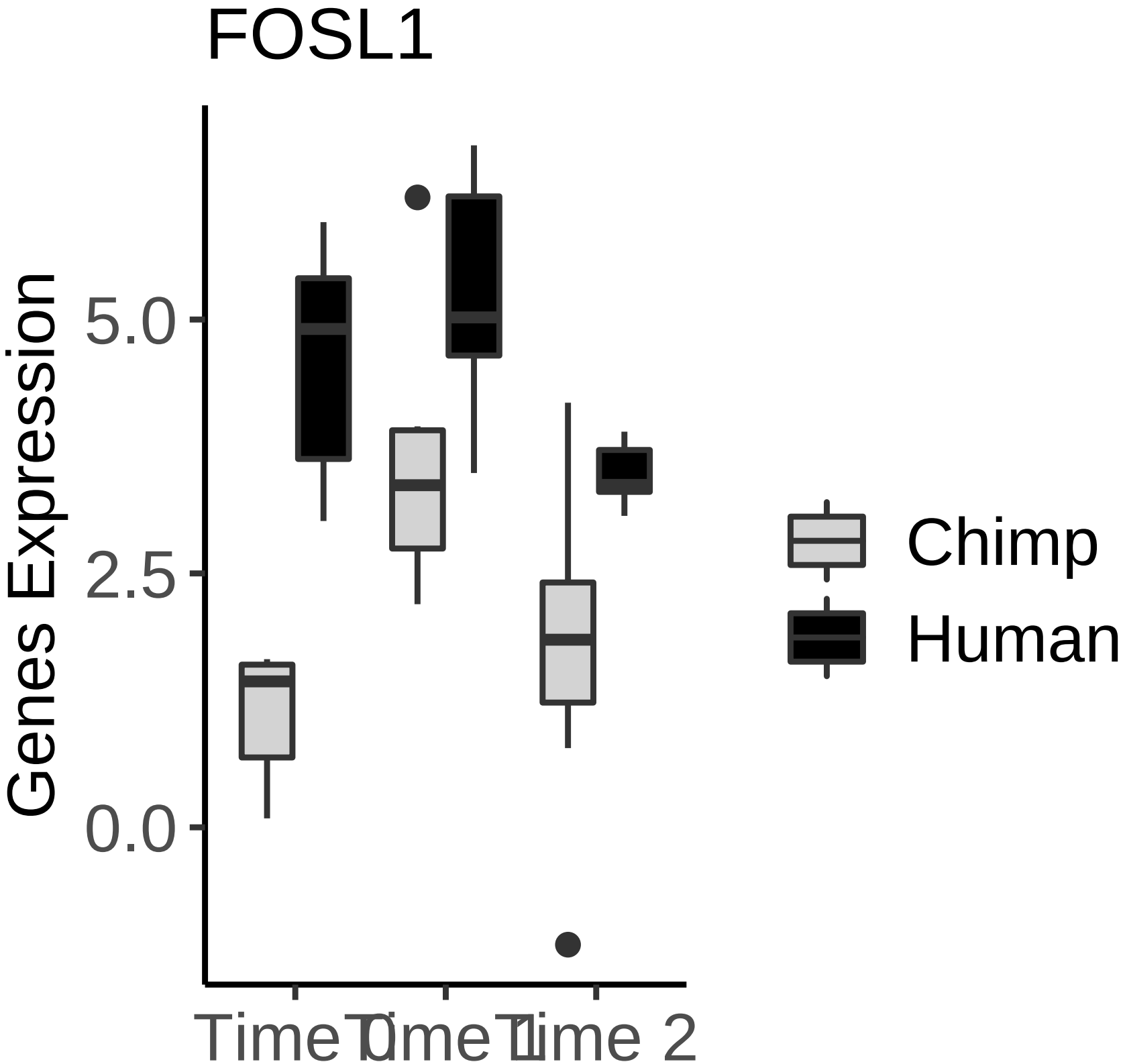
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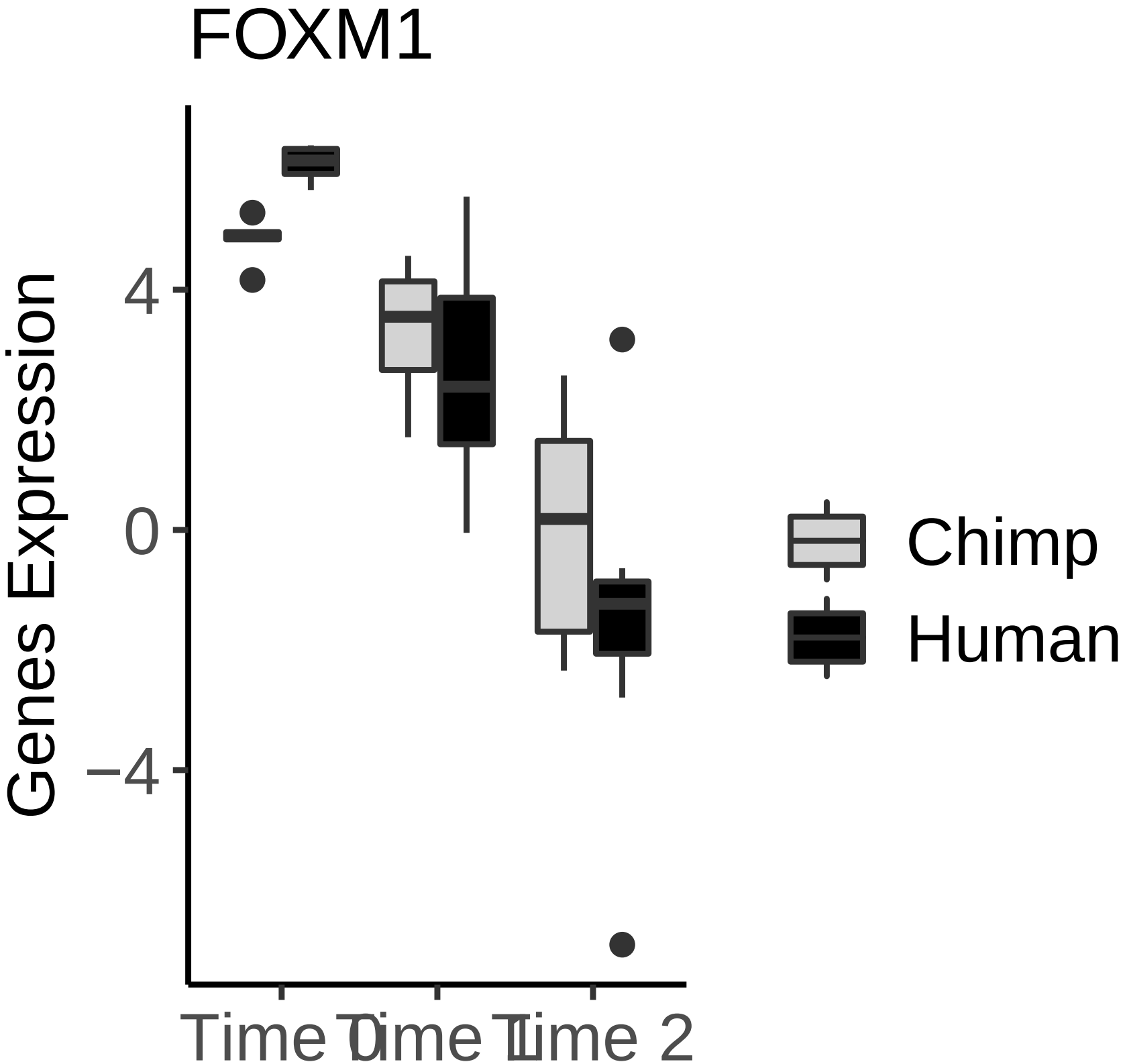
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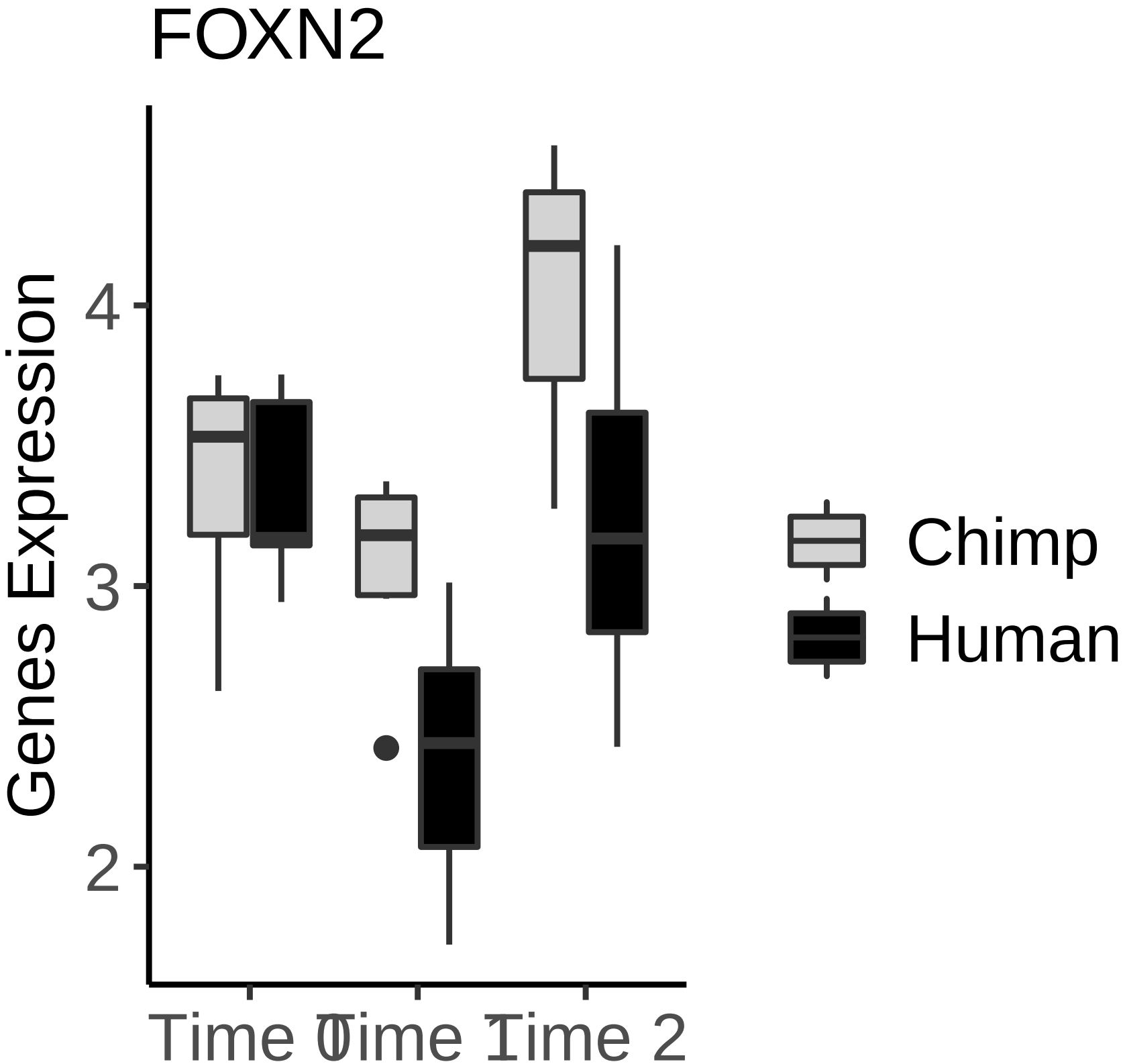
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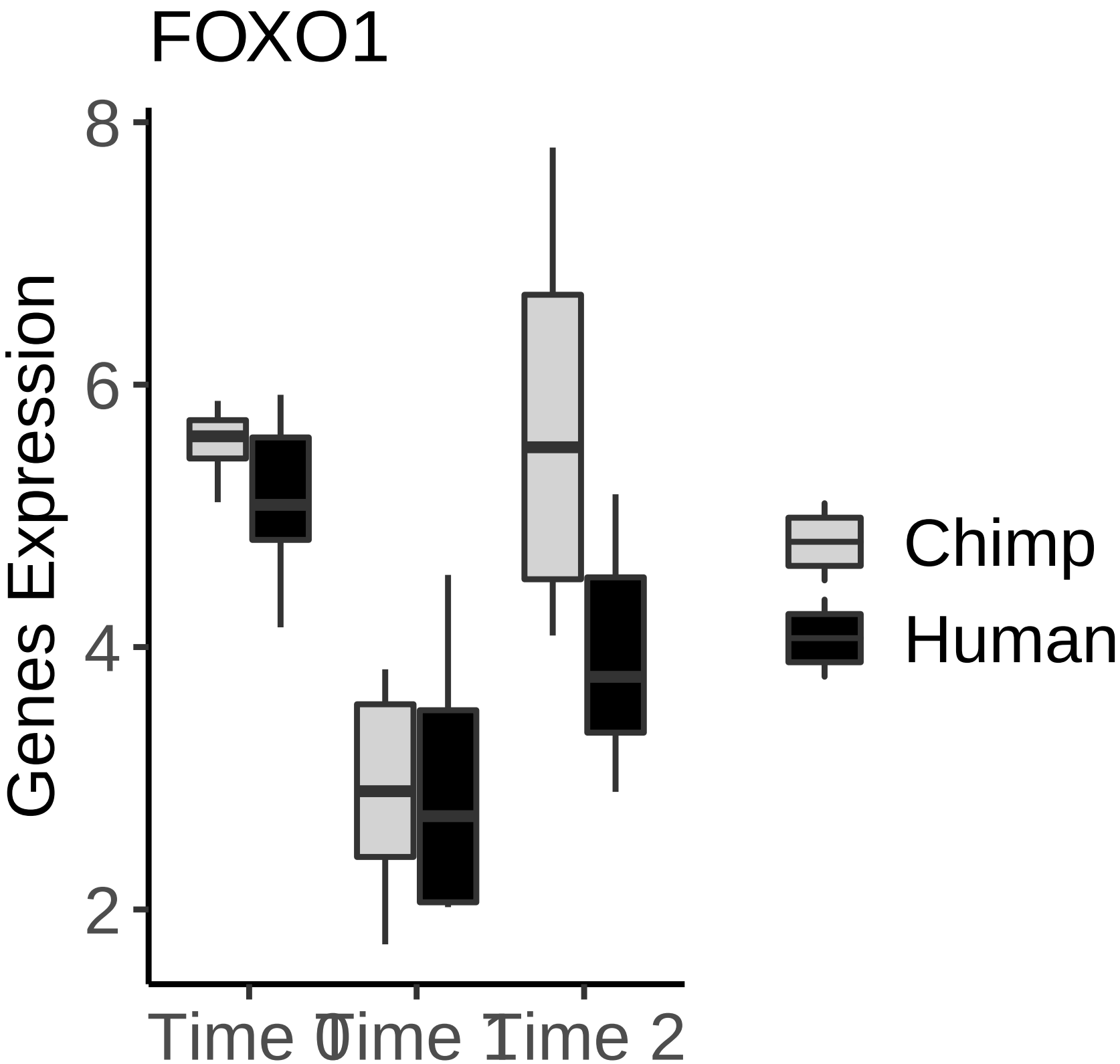
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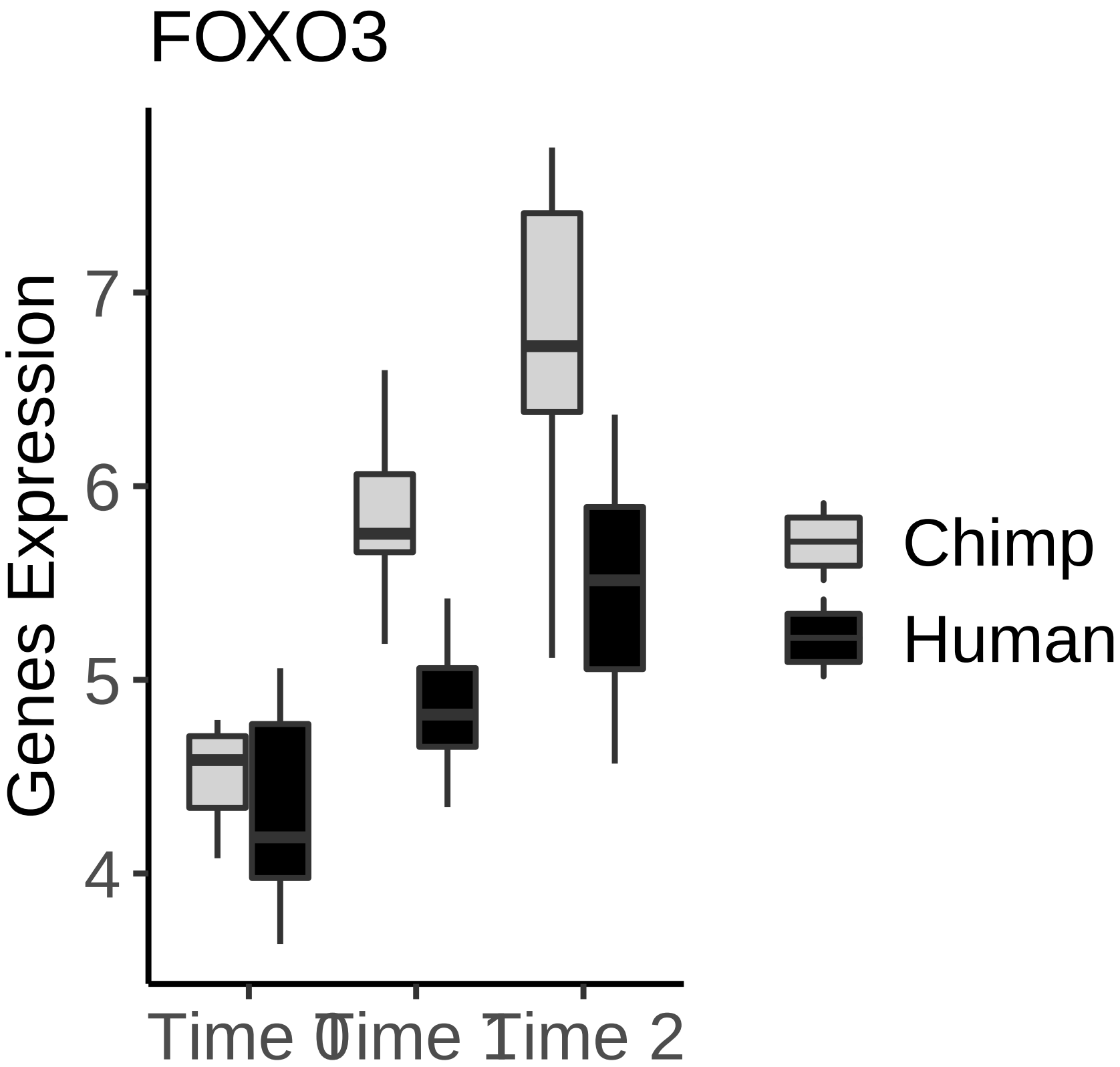
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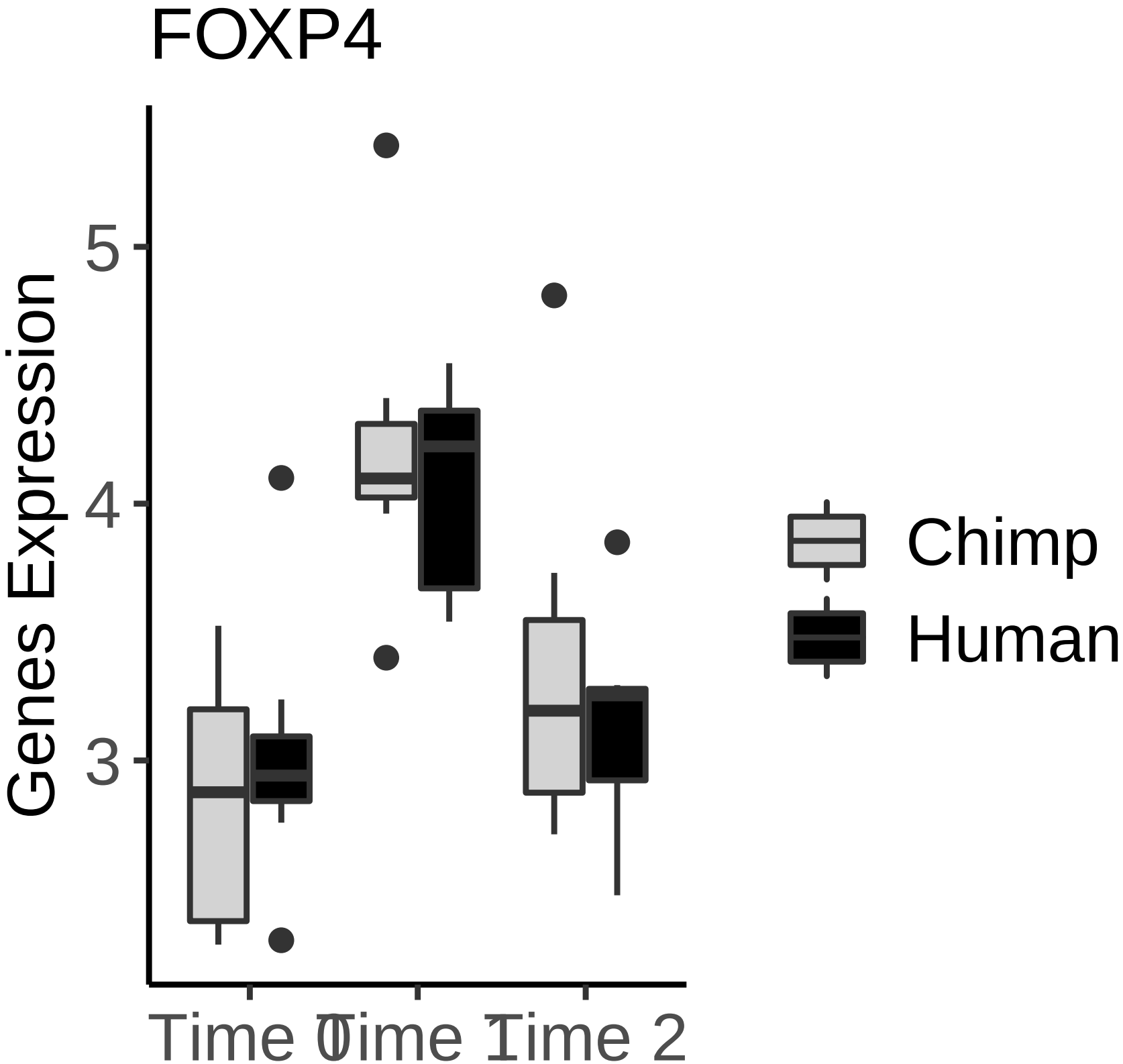
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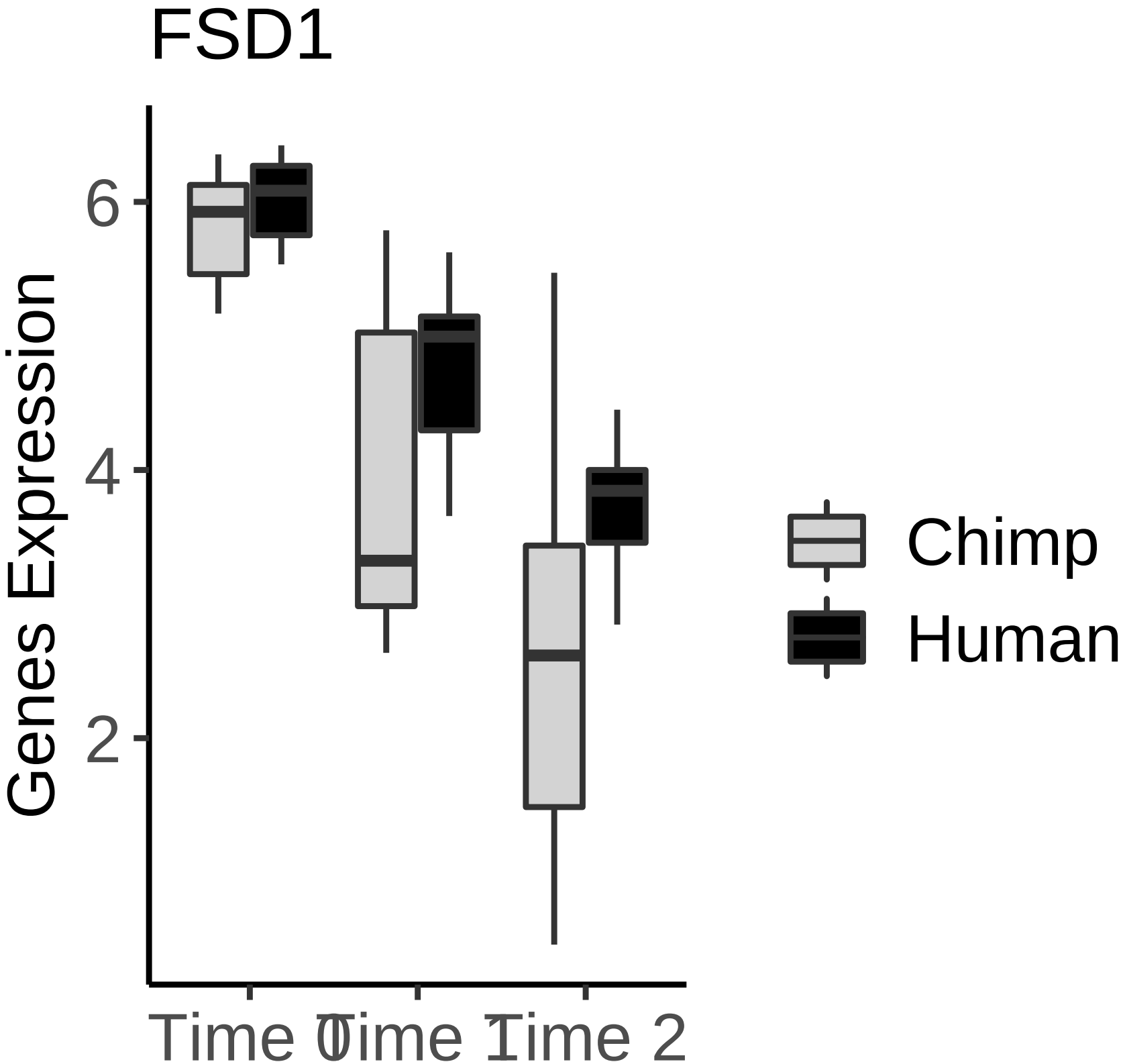
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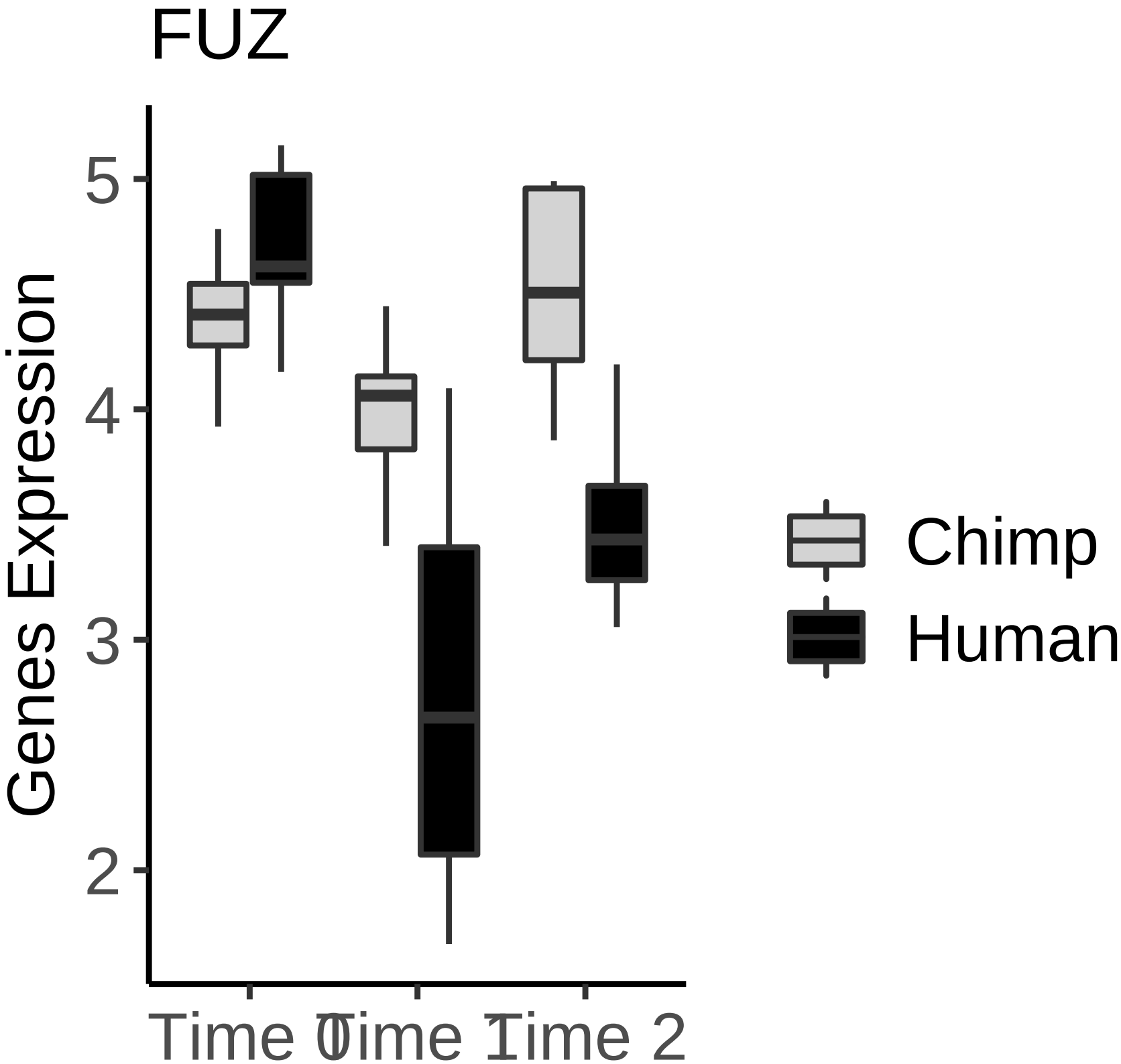
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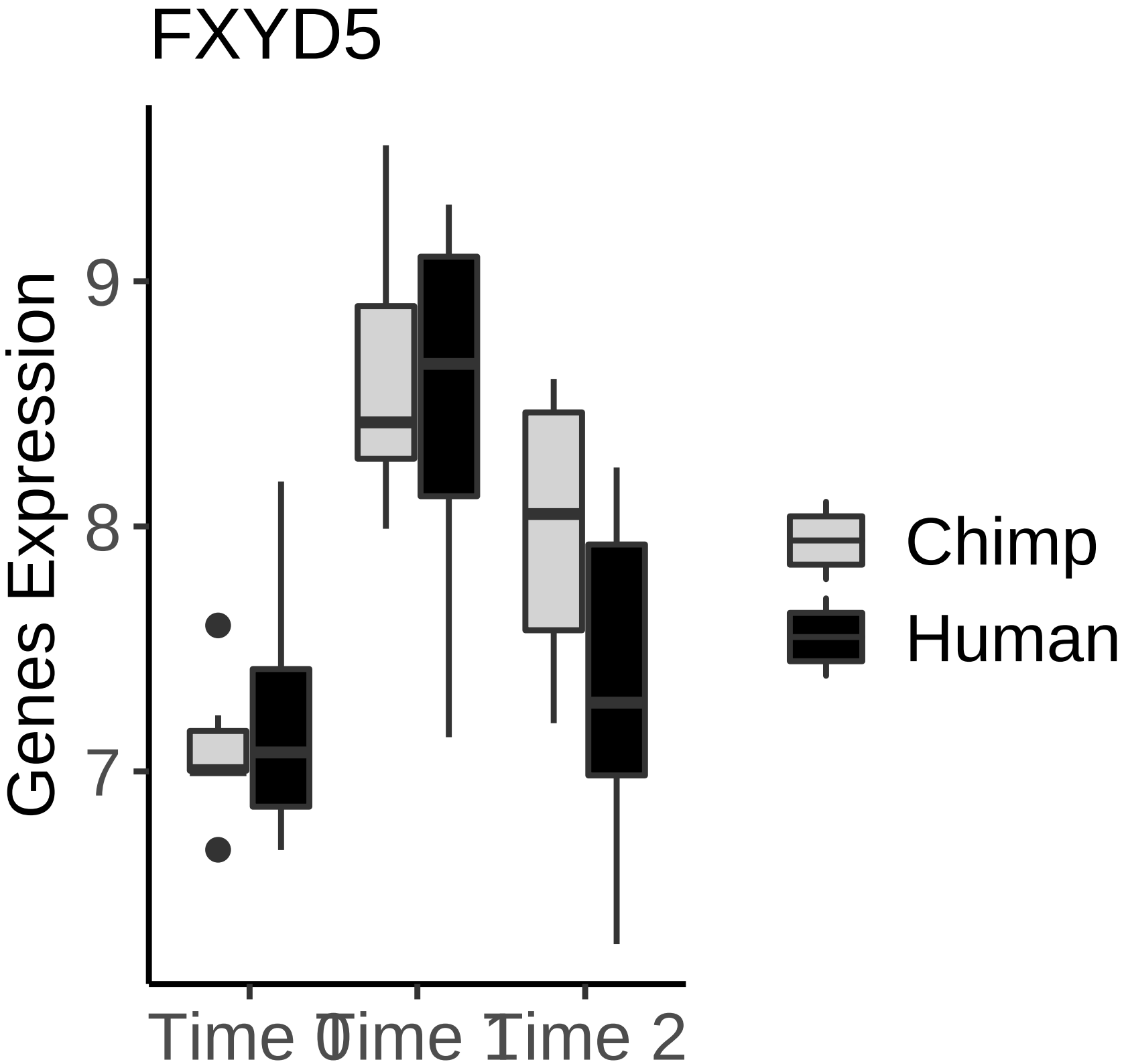
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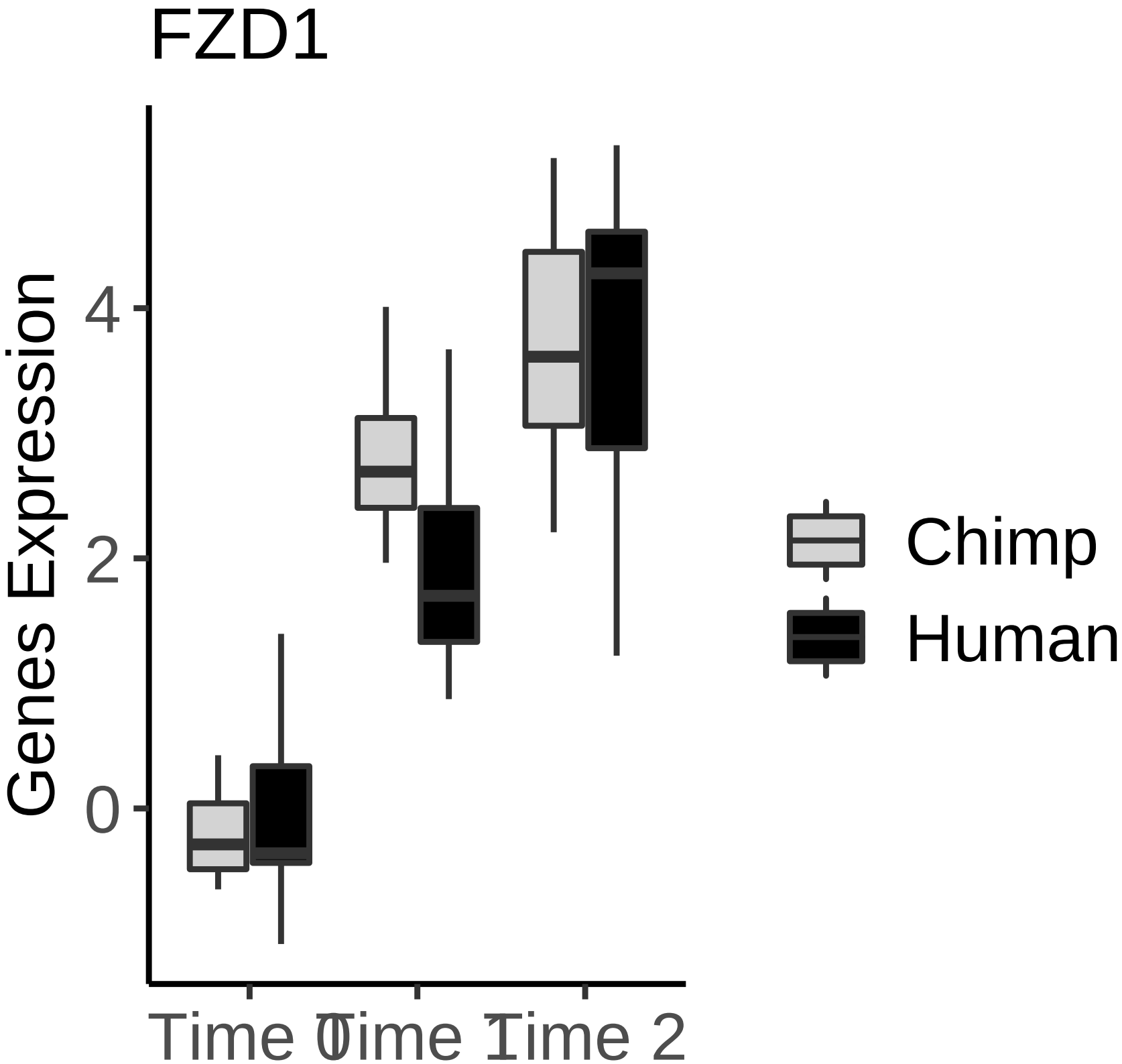
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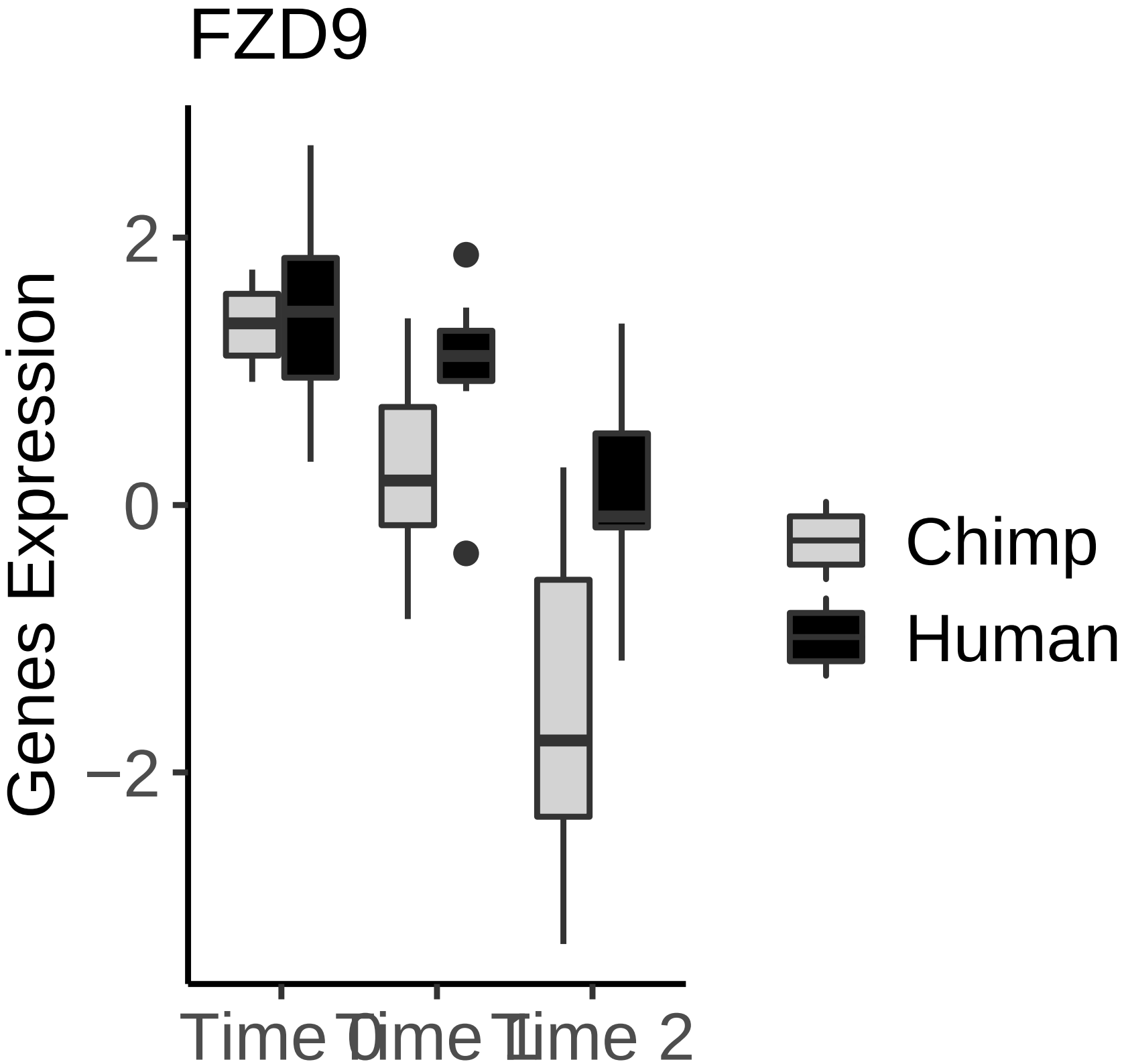
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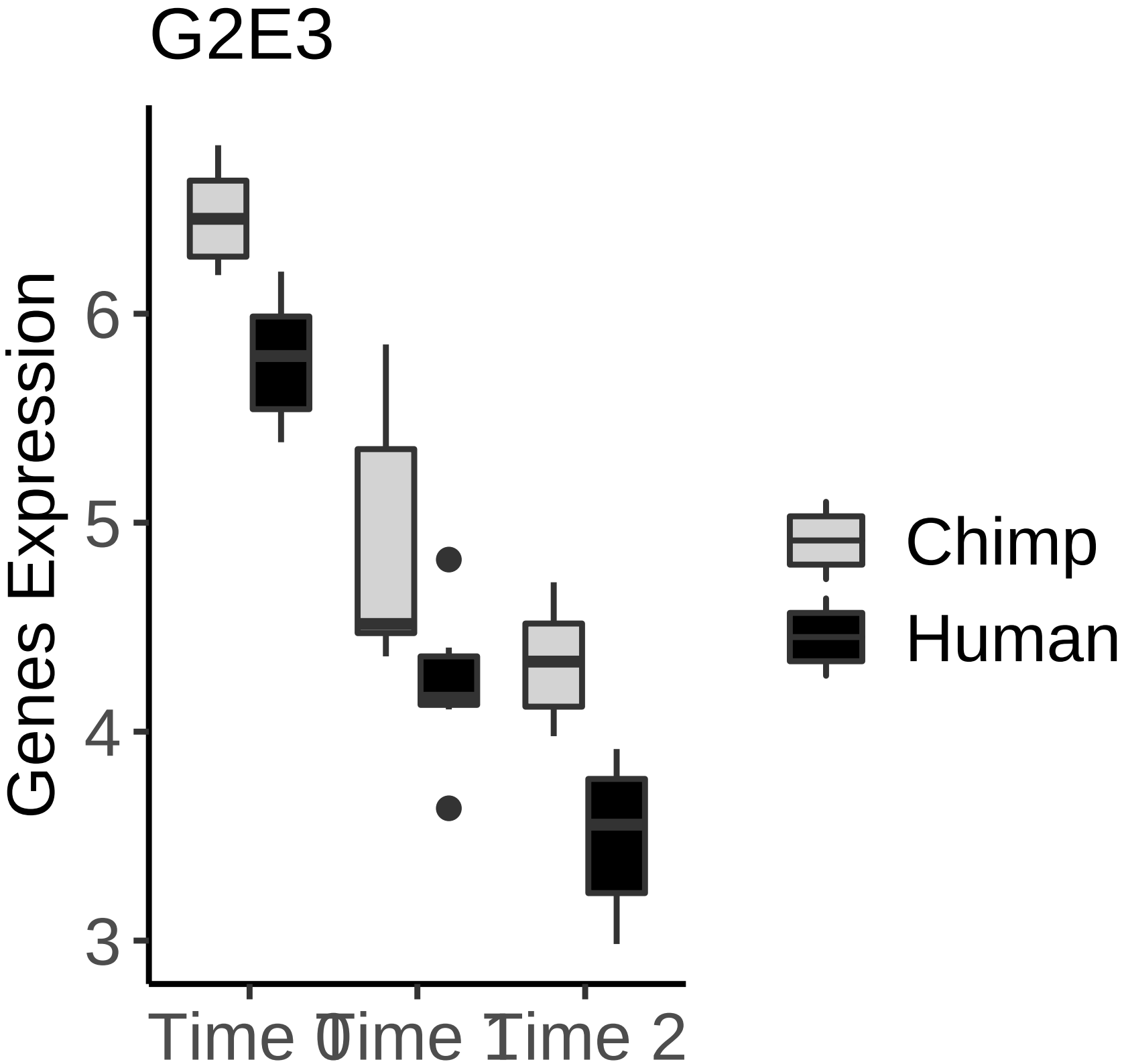
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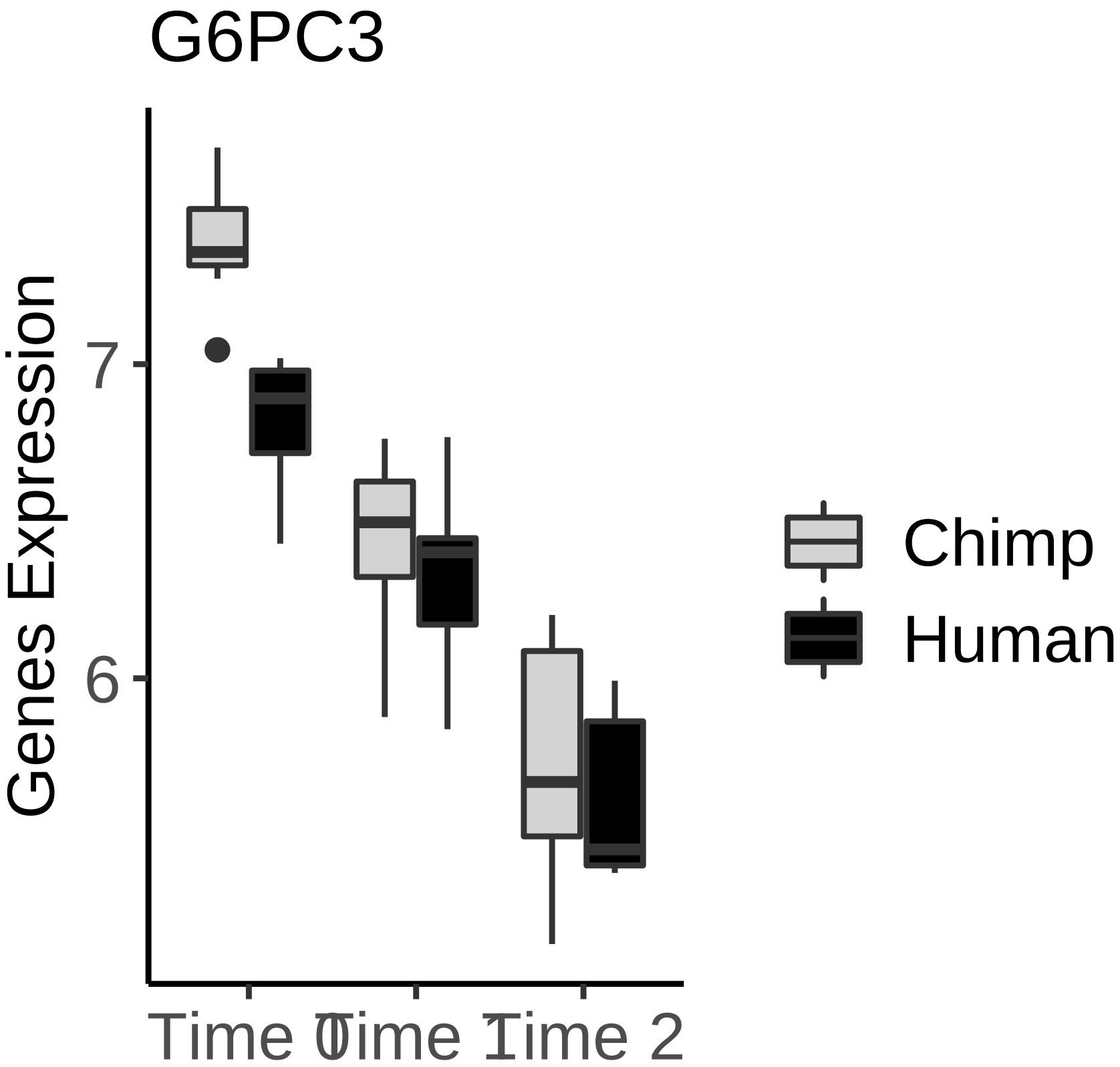
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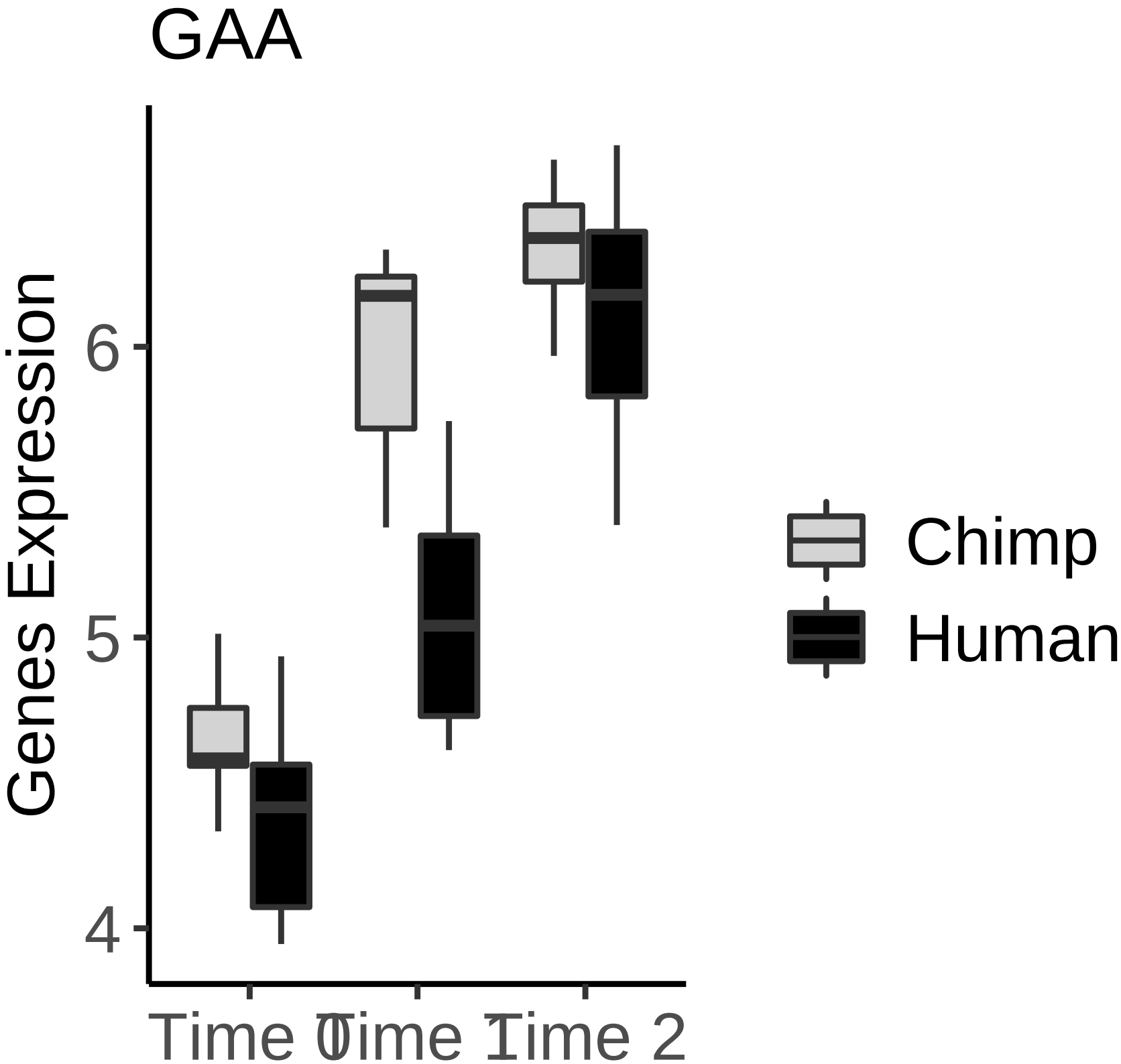
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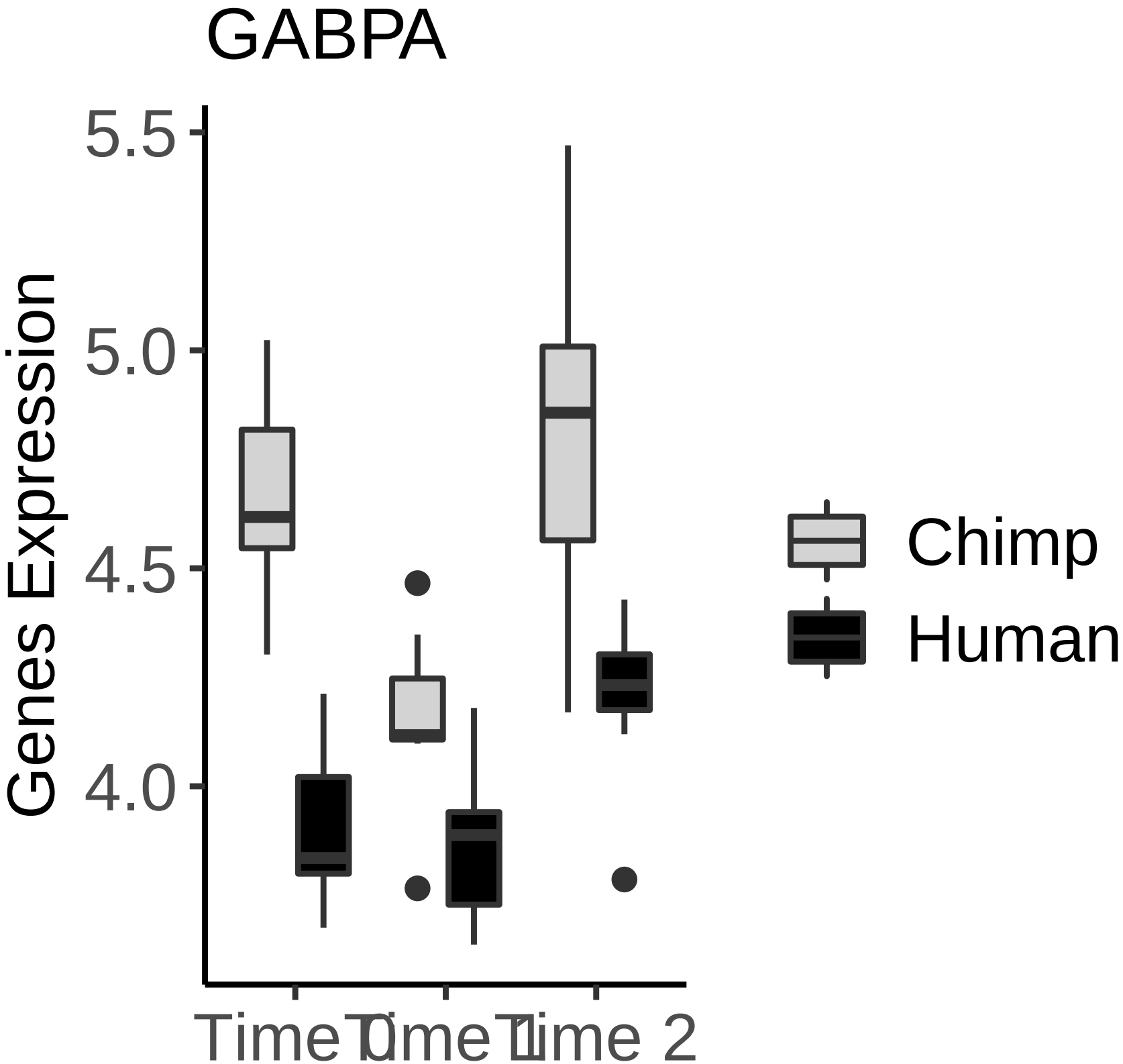
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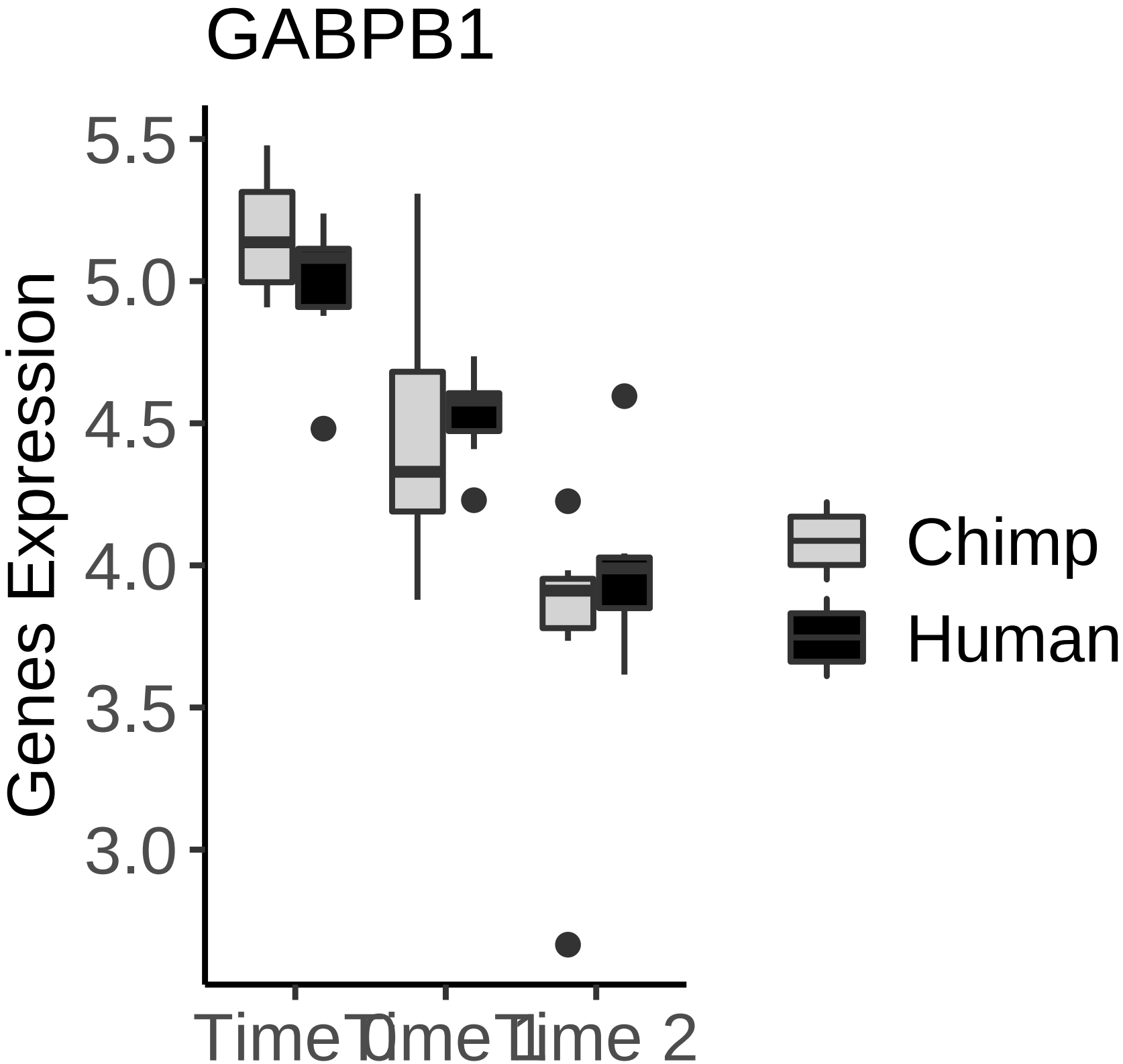
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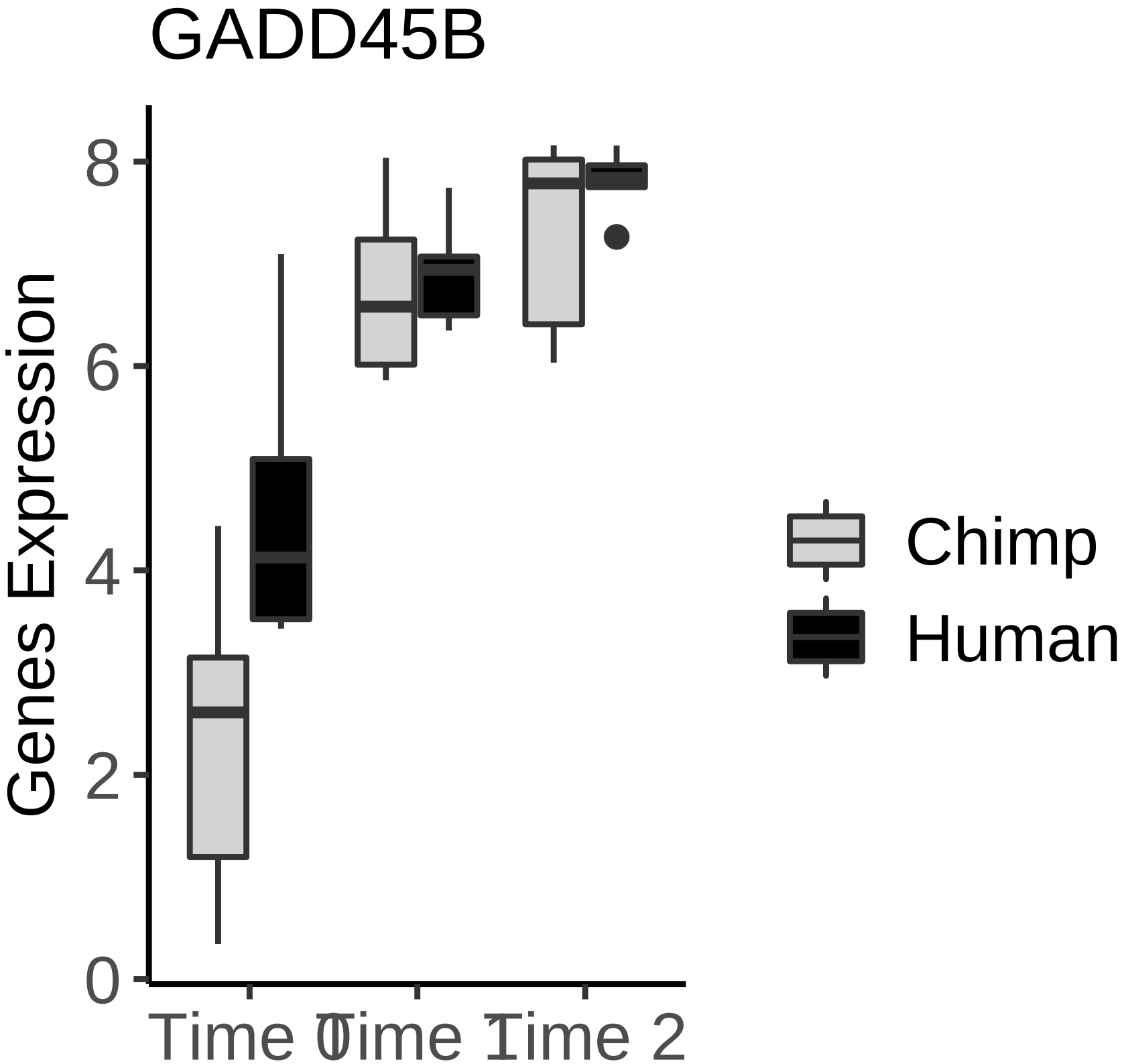
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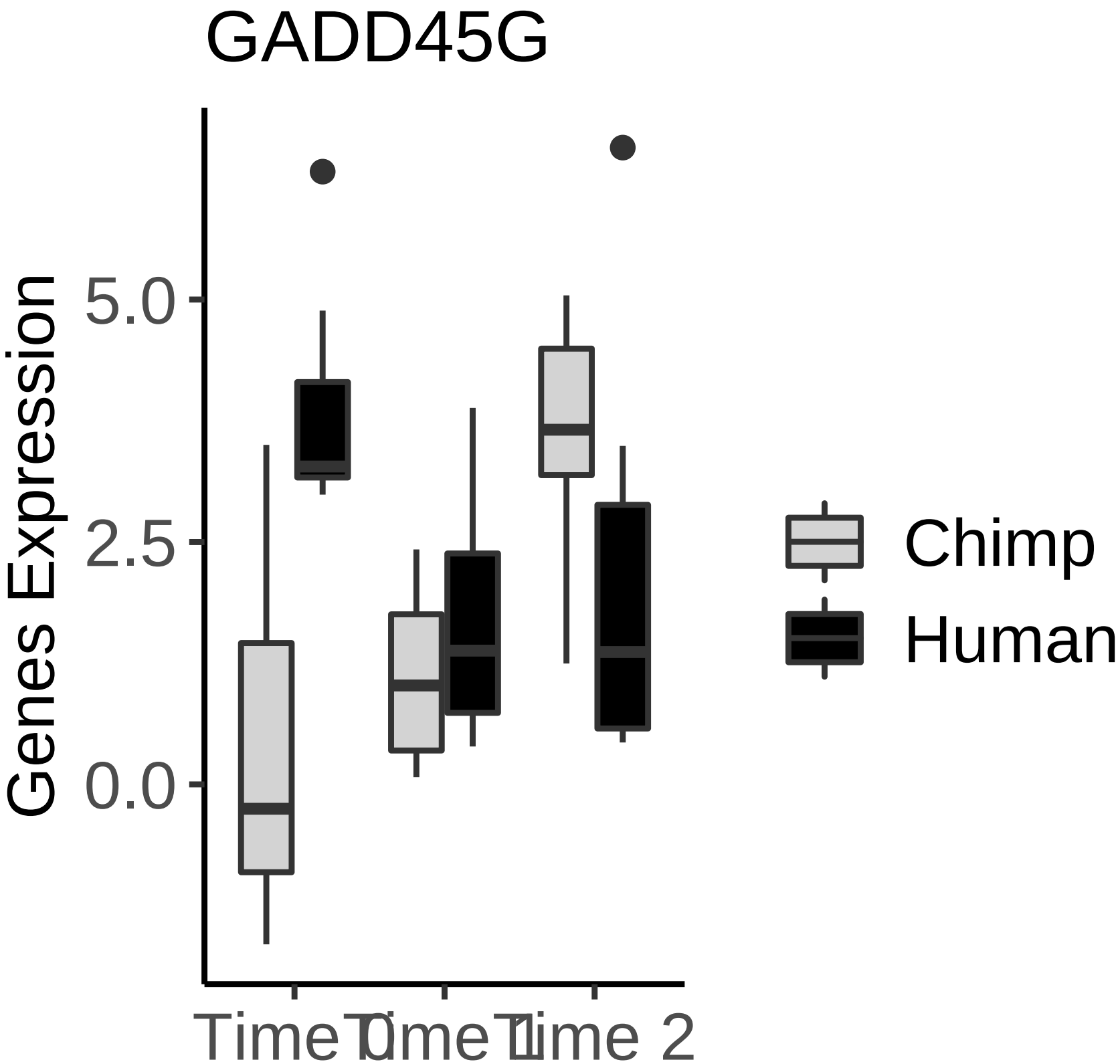
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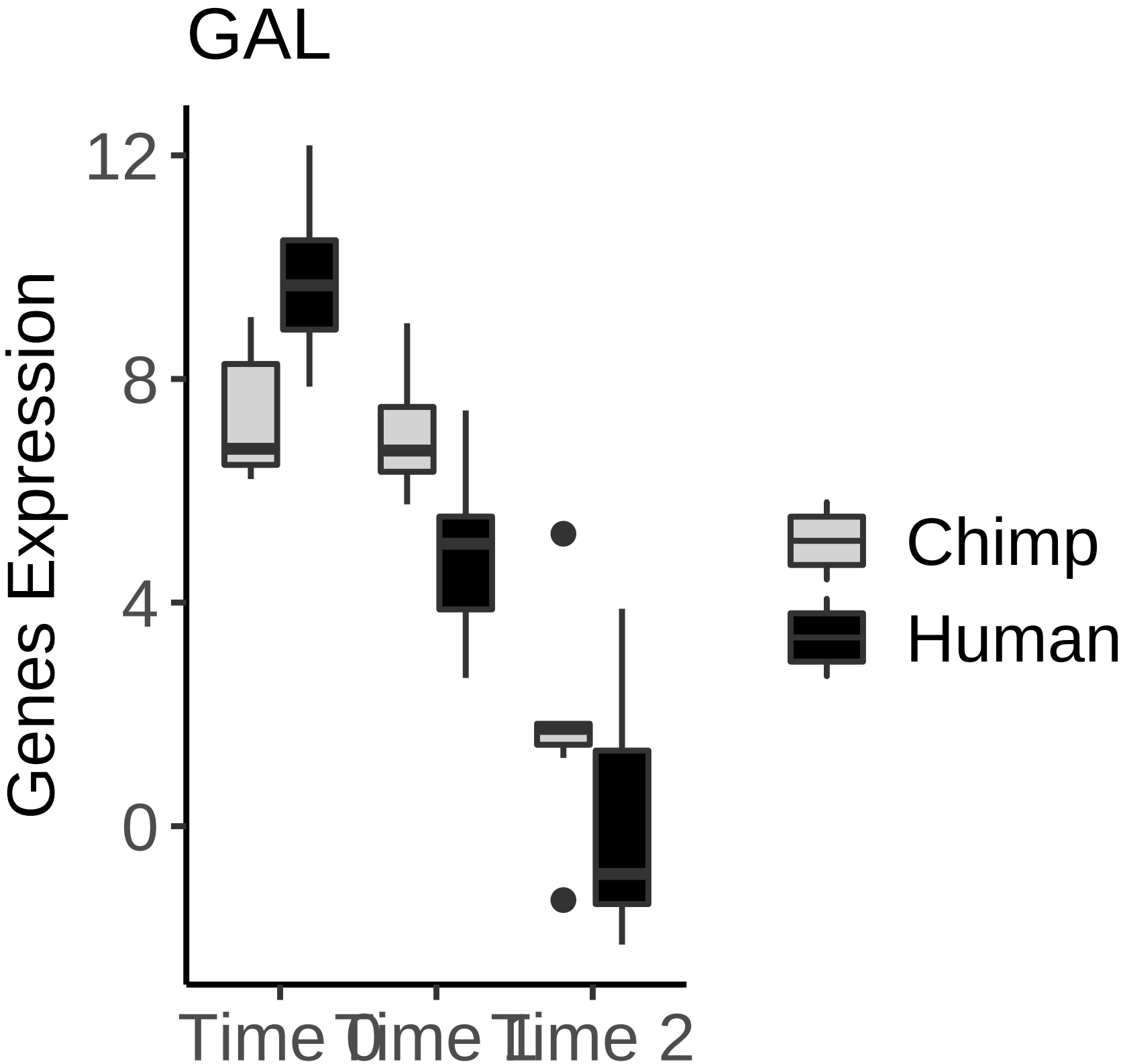
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Time 2
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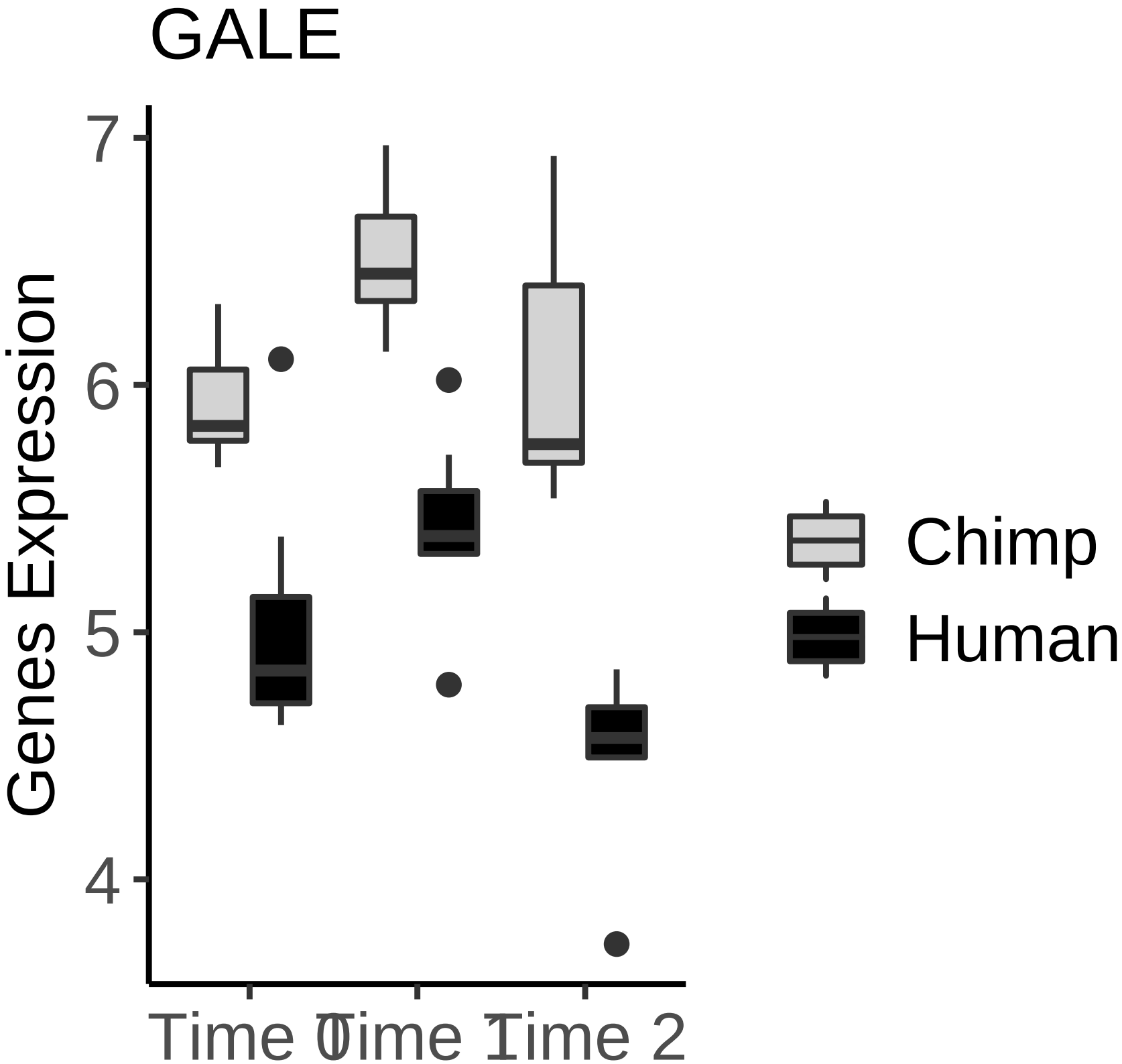
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Genes Expression
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Time 1
Time 2
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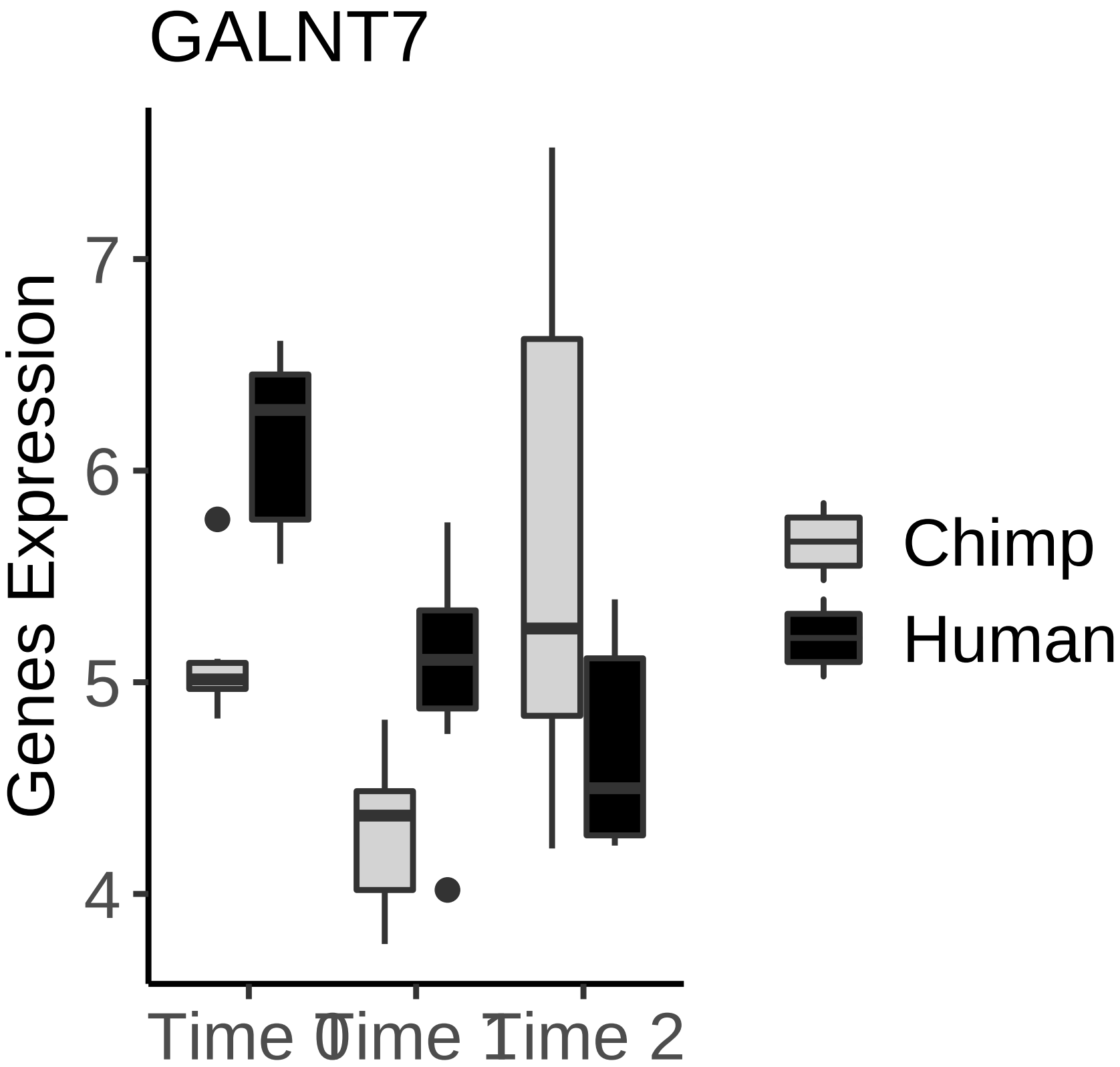
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Time 2
Chimp
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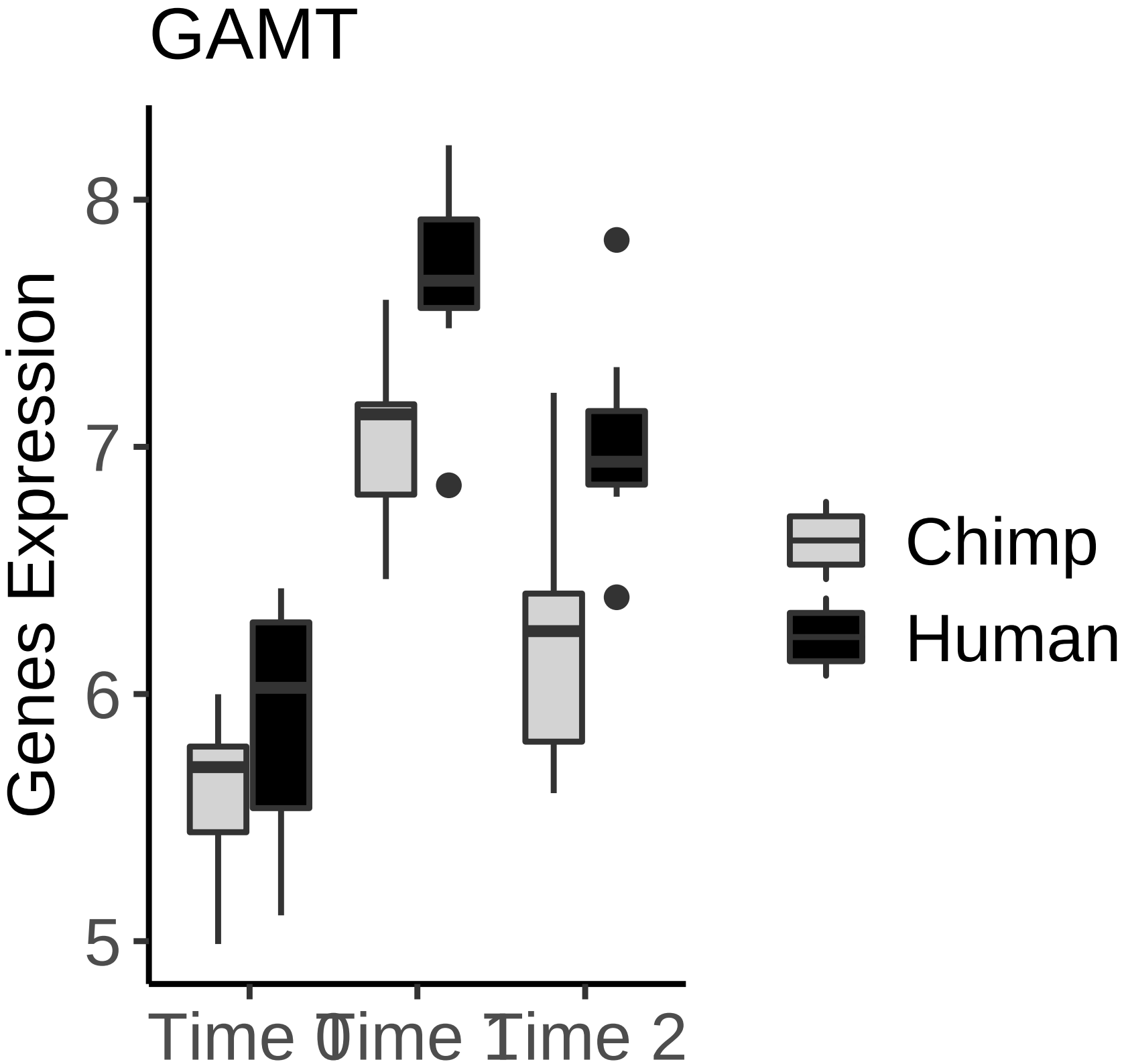
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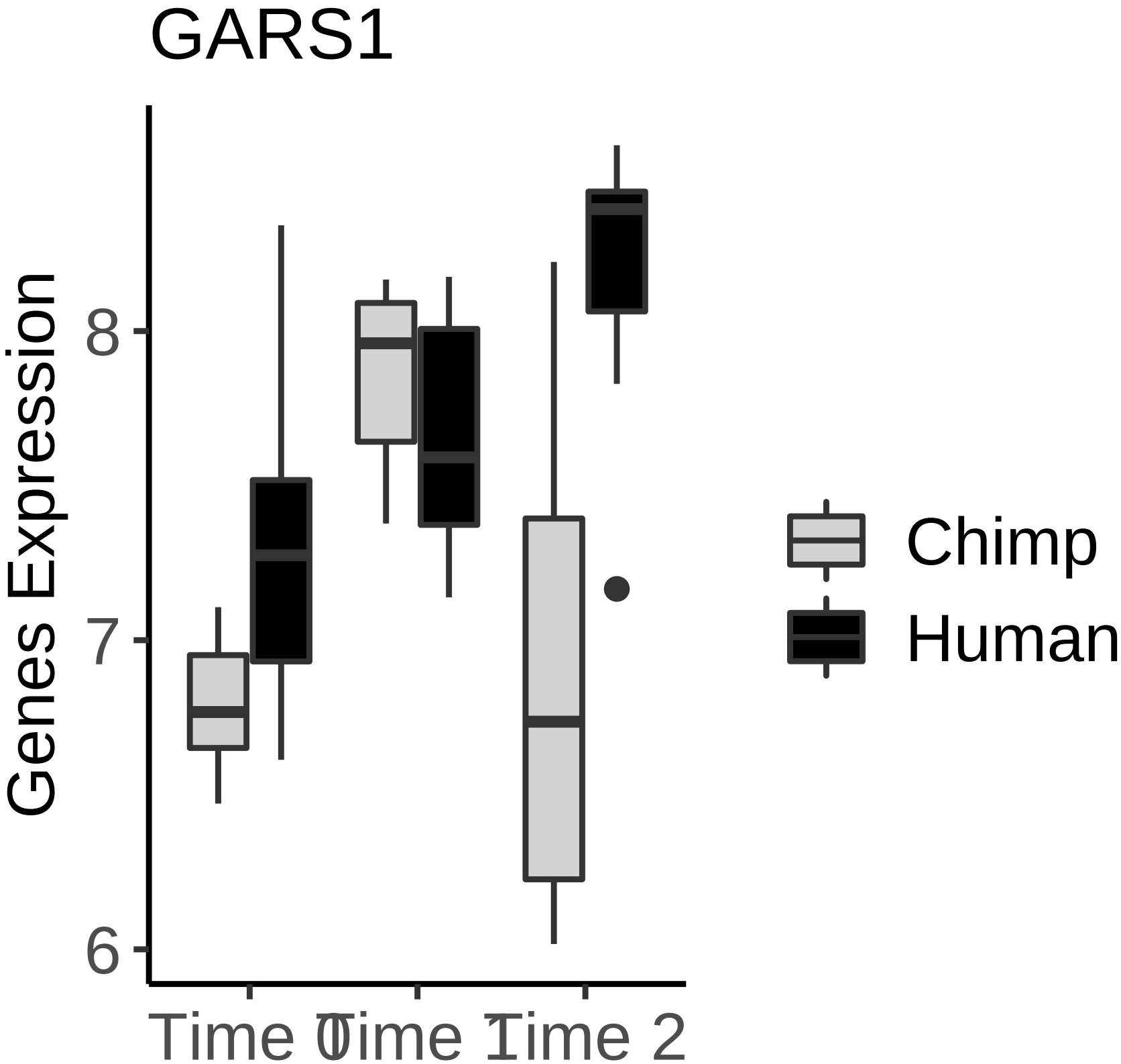
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Genes Expression
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Time 2
Chimp
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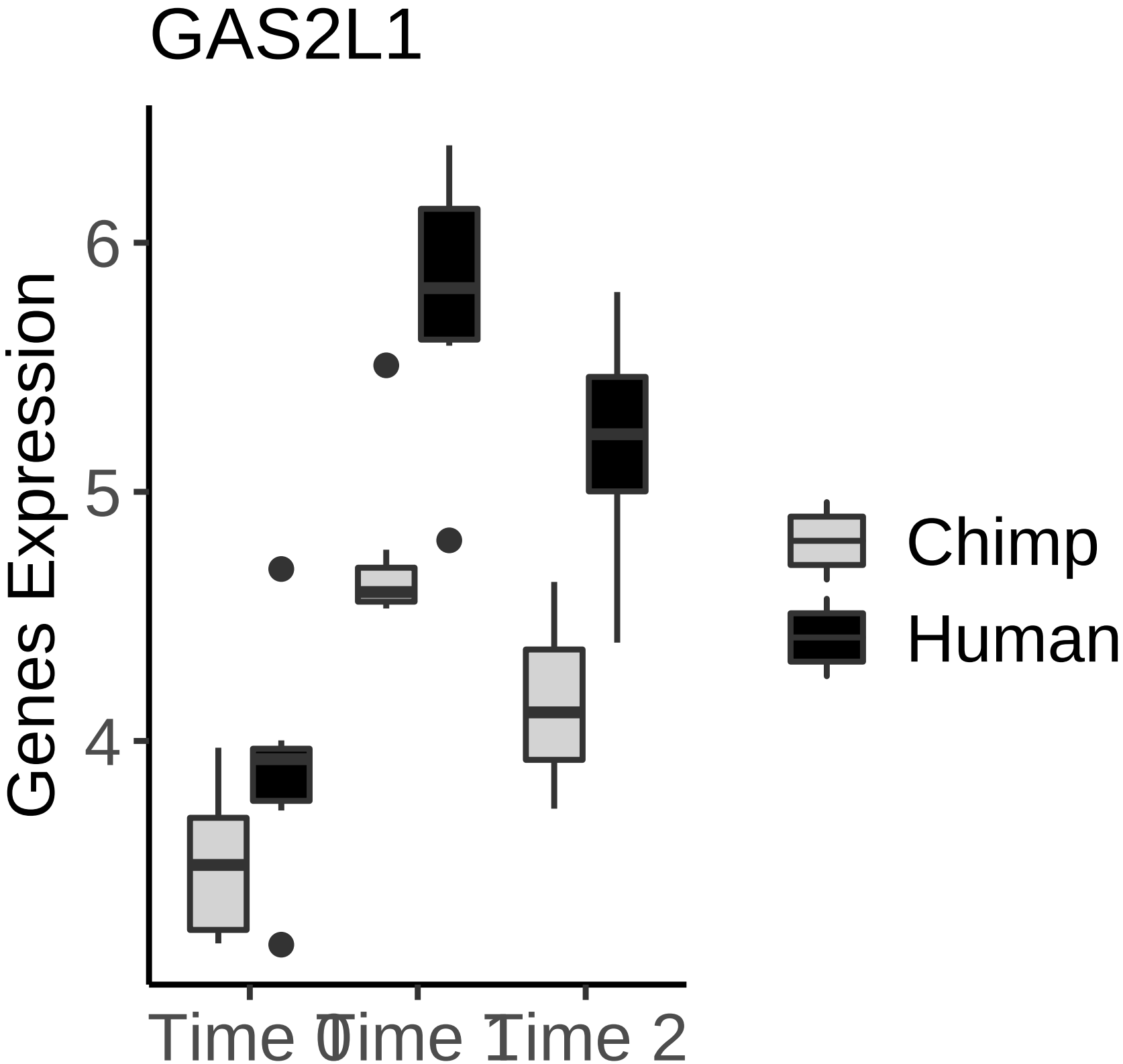
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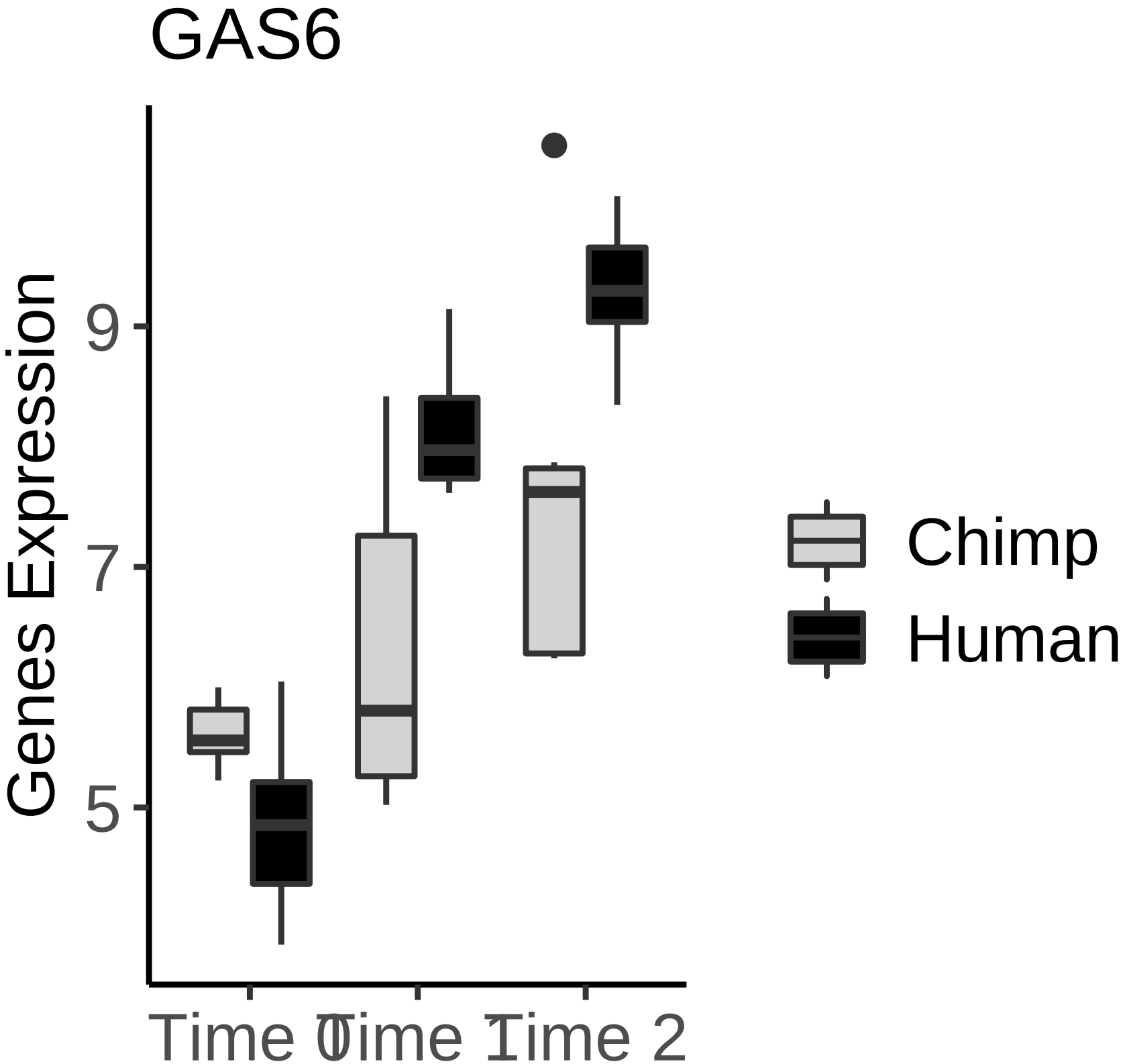
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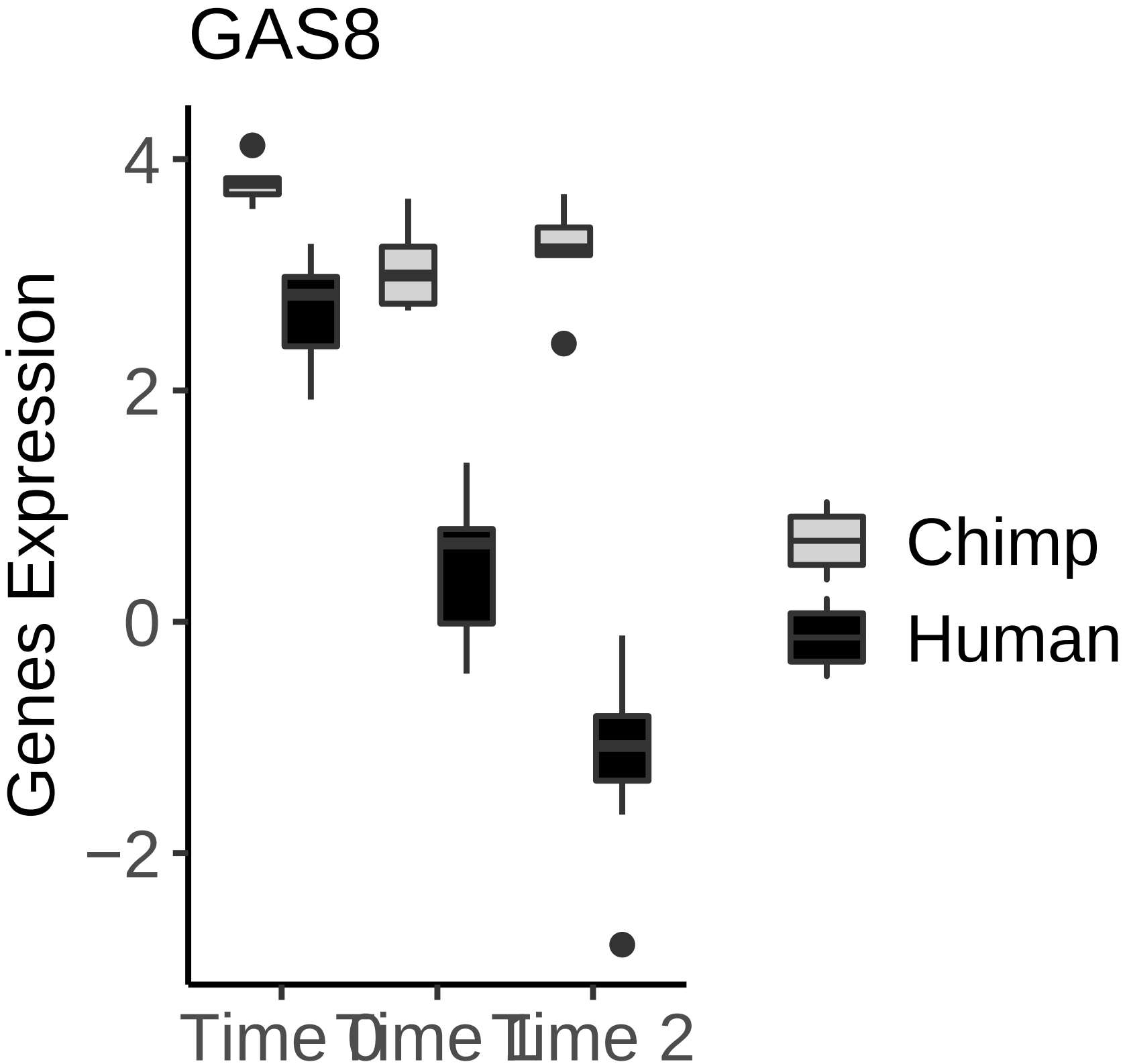
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Genes Expression
4
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Time 2
Chimp
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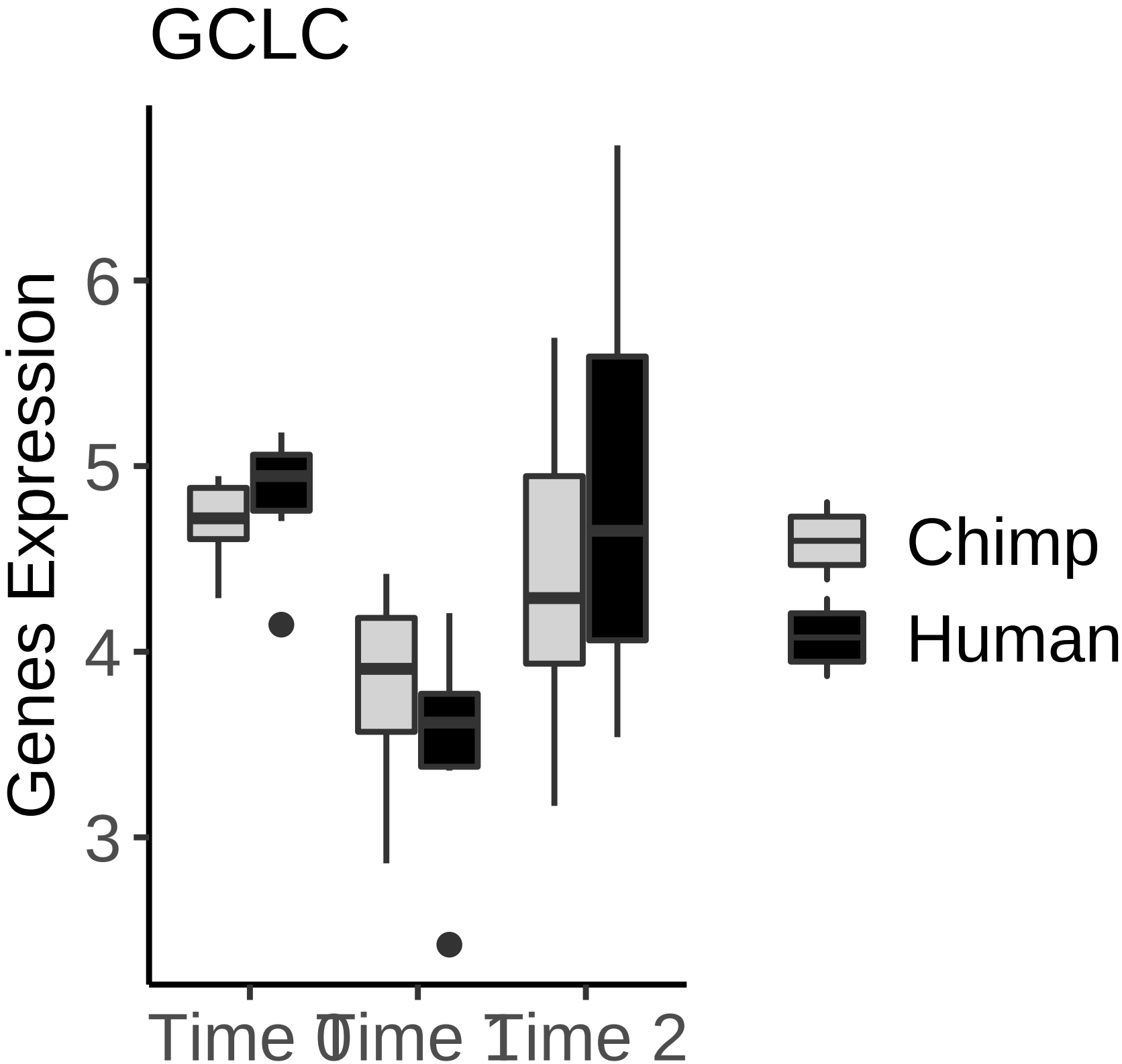
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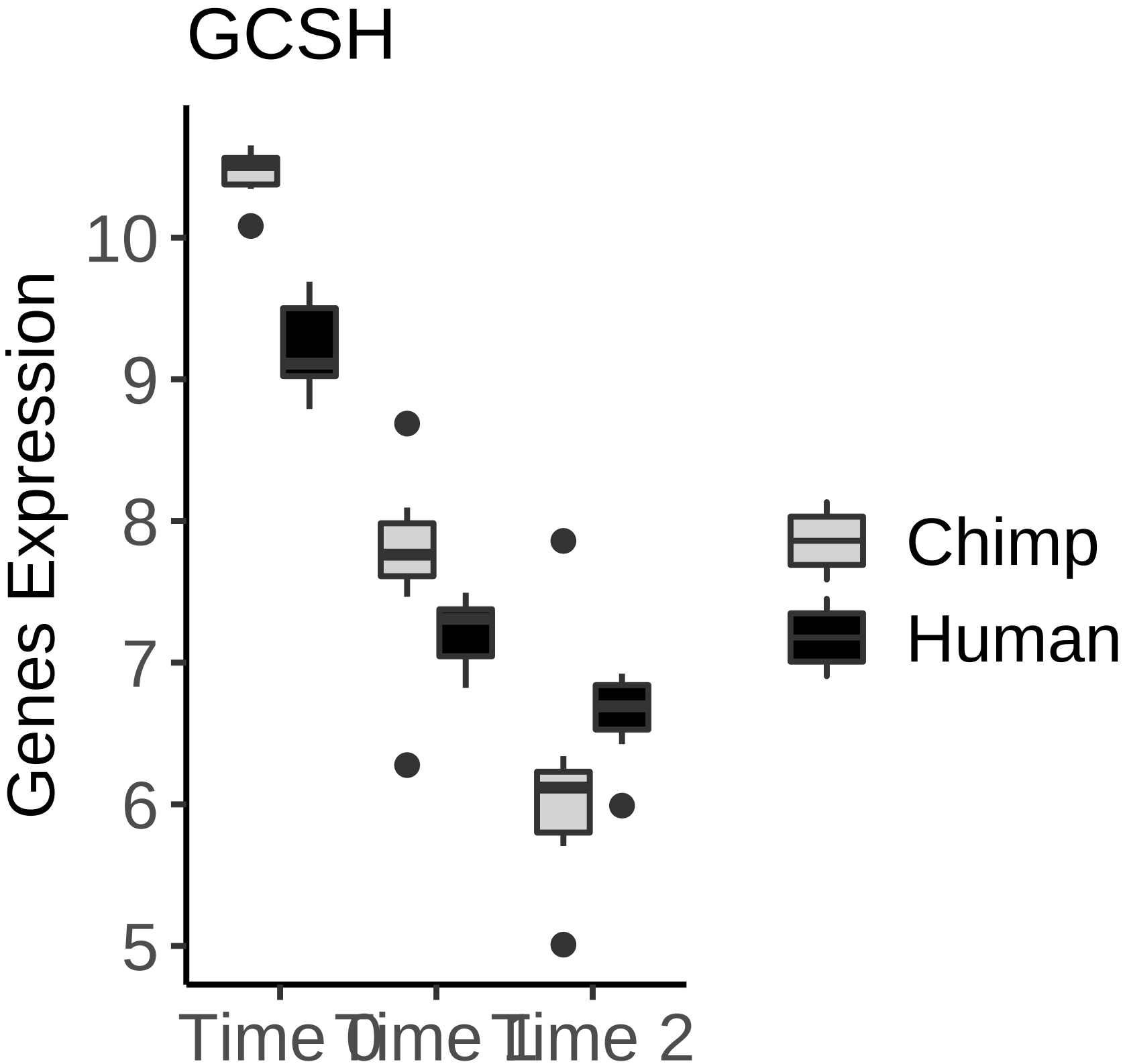
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Genes Expression
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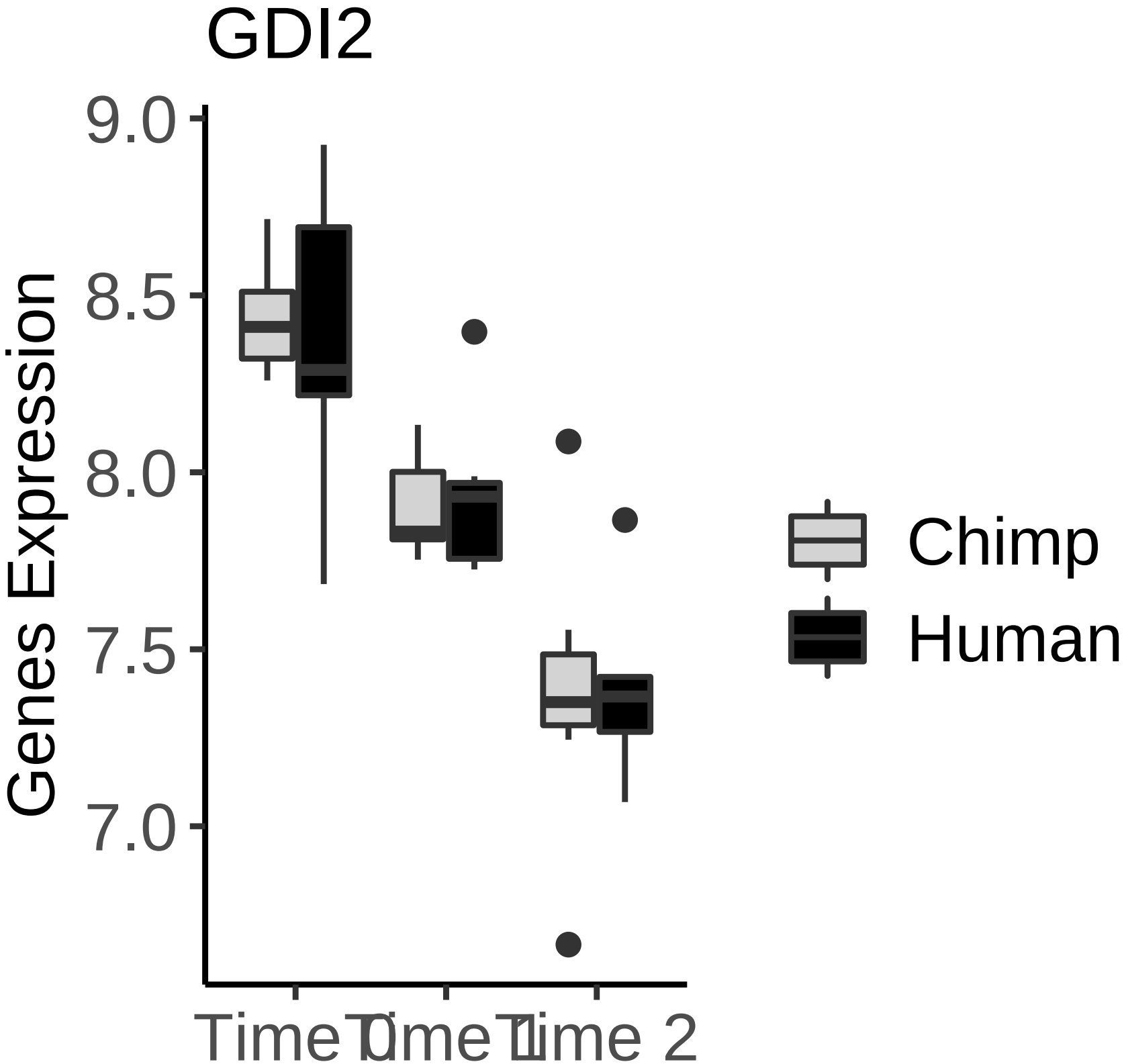
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Time 1
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Chimp
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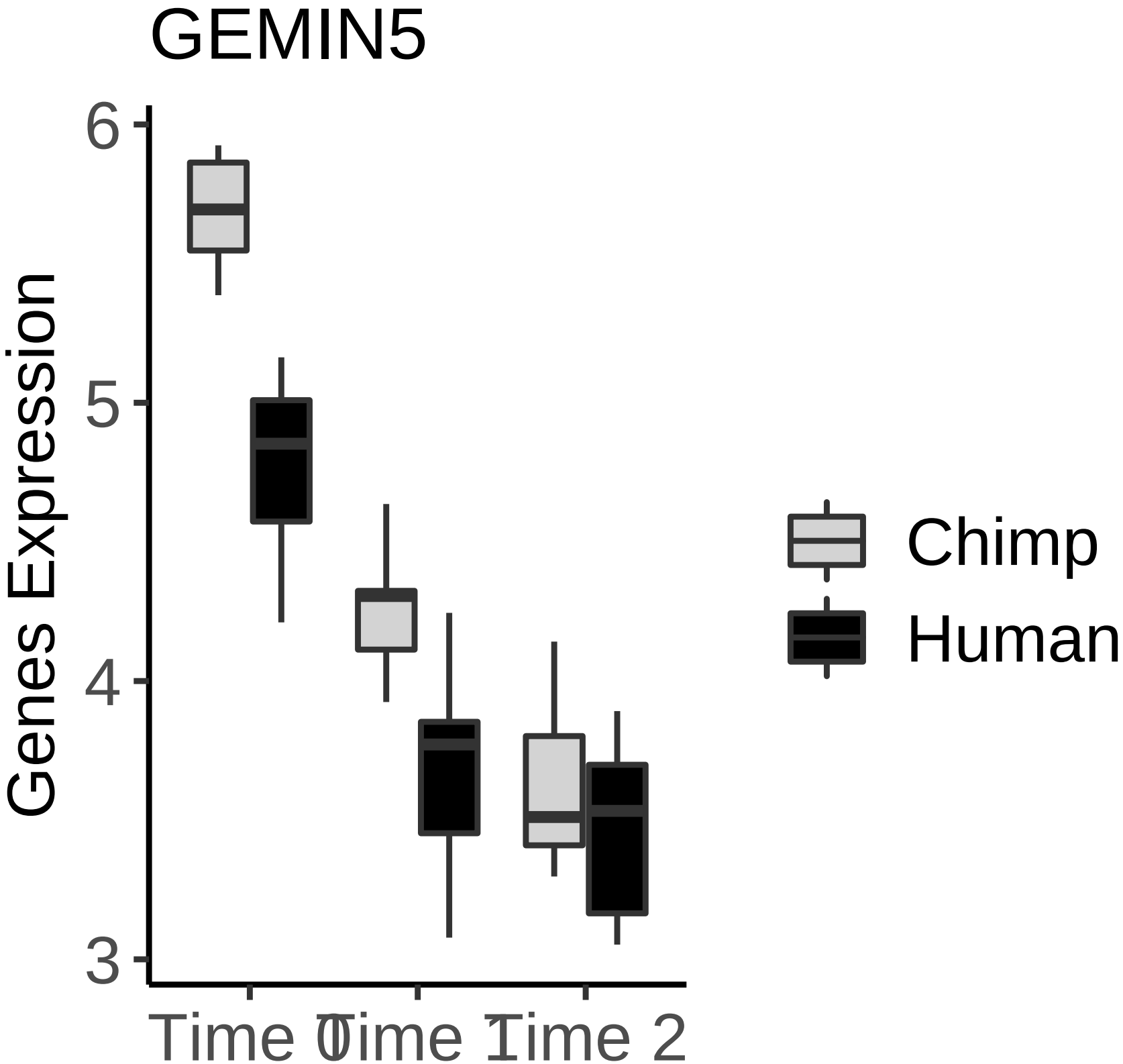
GEMIN5
Genes Expression
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Time 2
Chimp
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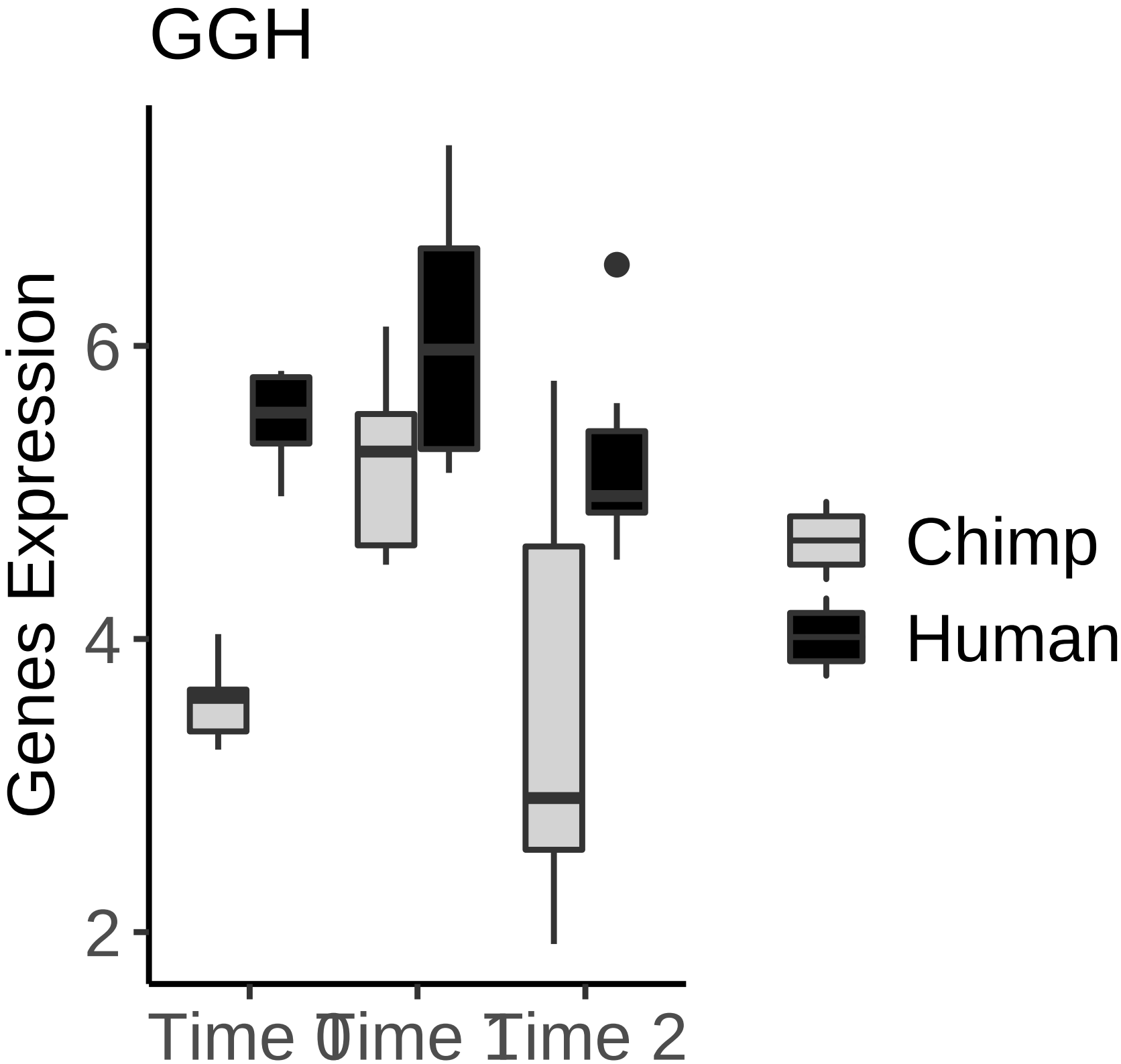
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Genes Expression
6
4
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Time 1
Time 2
Chimp
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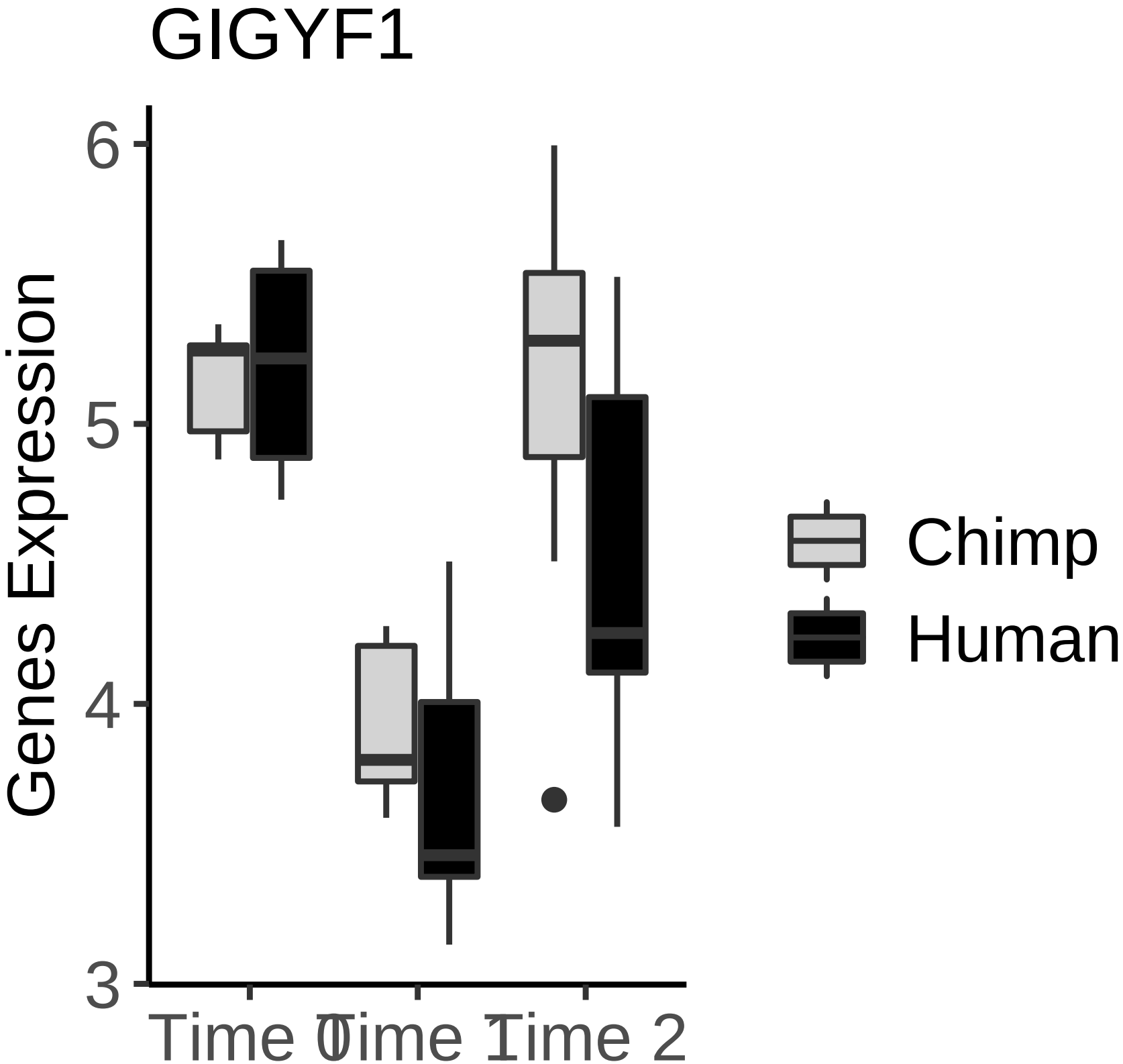
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Genes Expression
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Time 2
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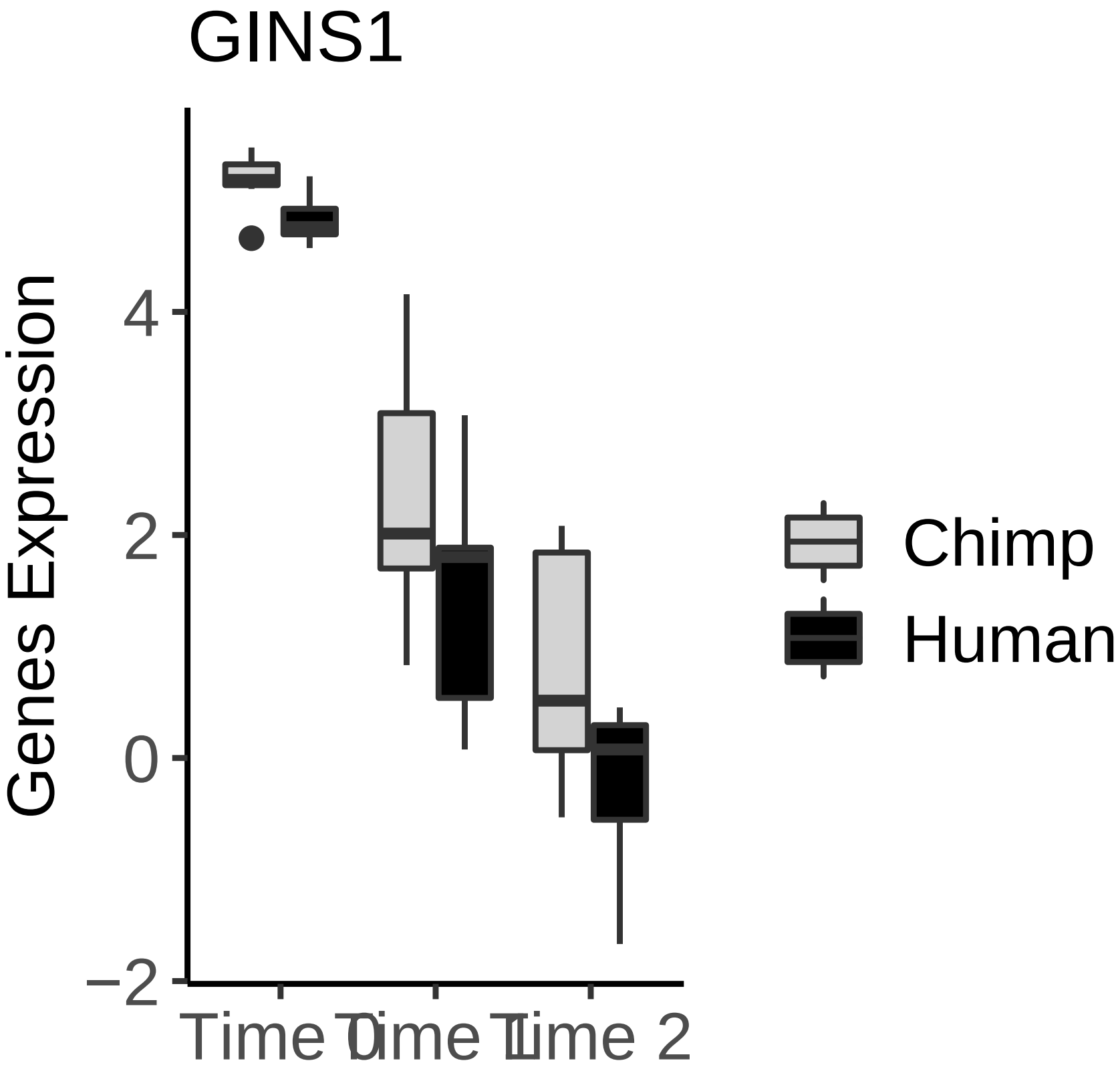
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Genes Expression
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Time 2
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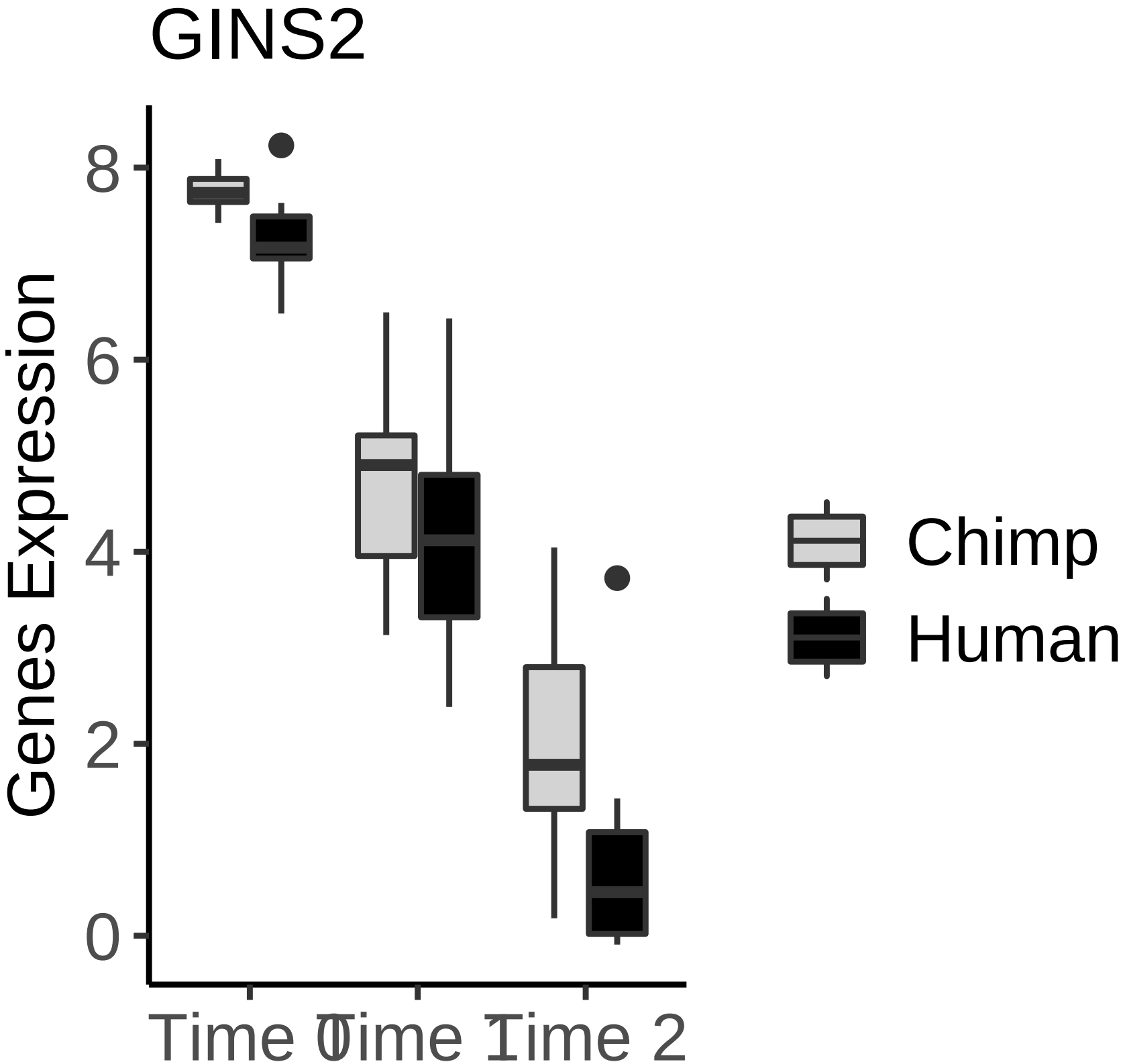
GINS2
Genes Expression
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Time 1
Time 2
Chimp
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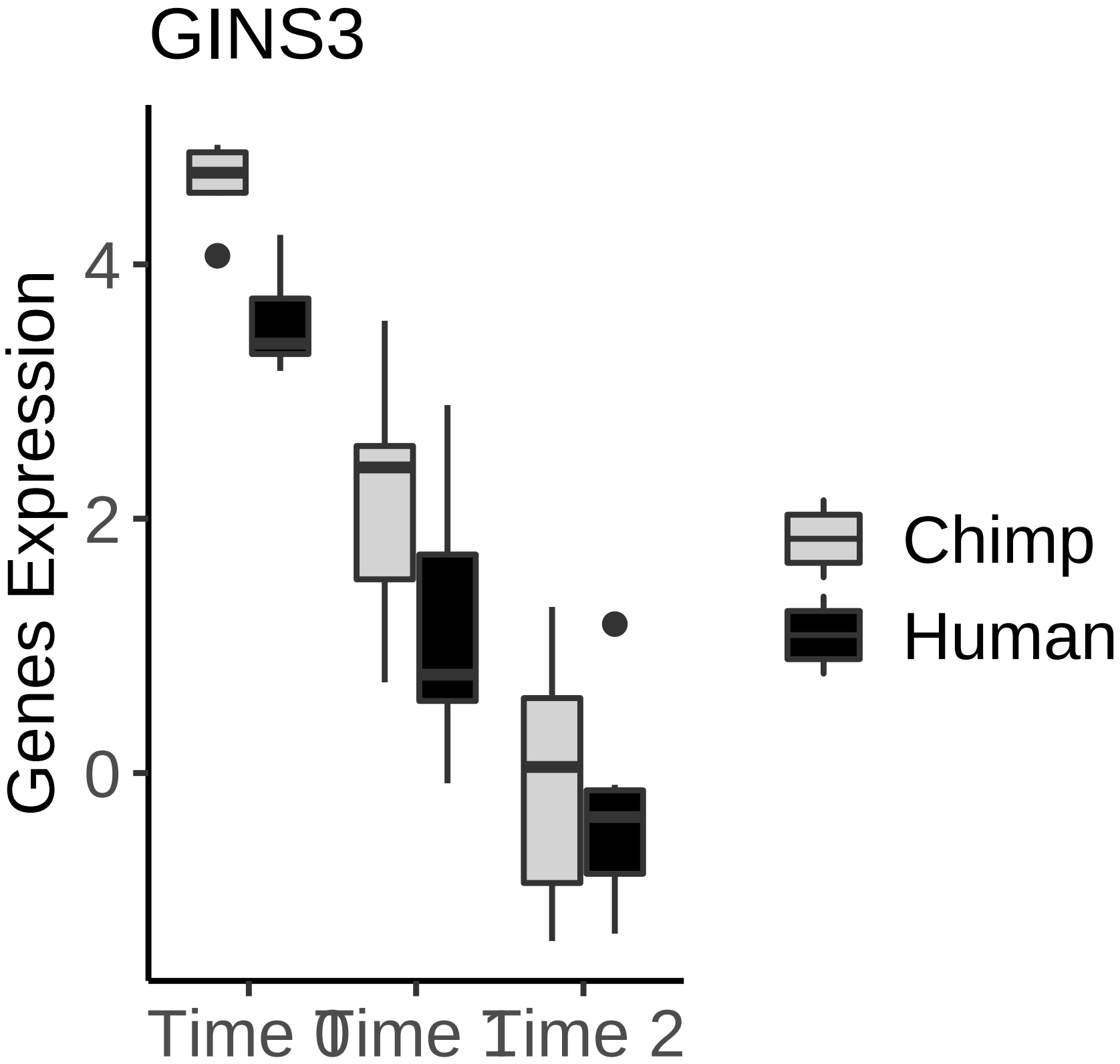
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Genes Expression
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Time 2
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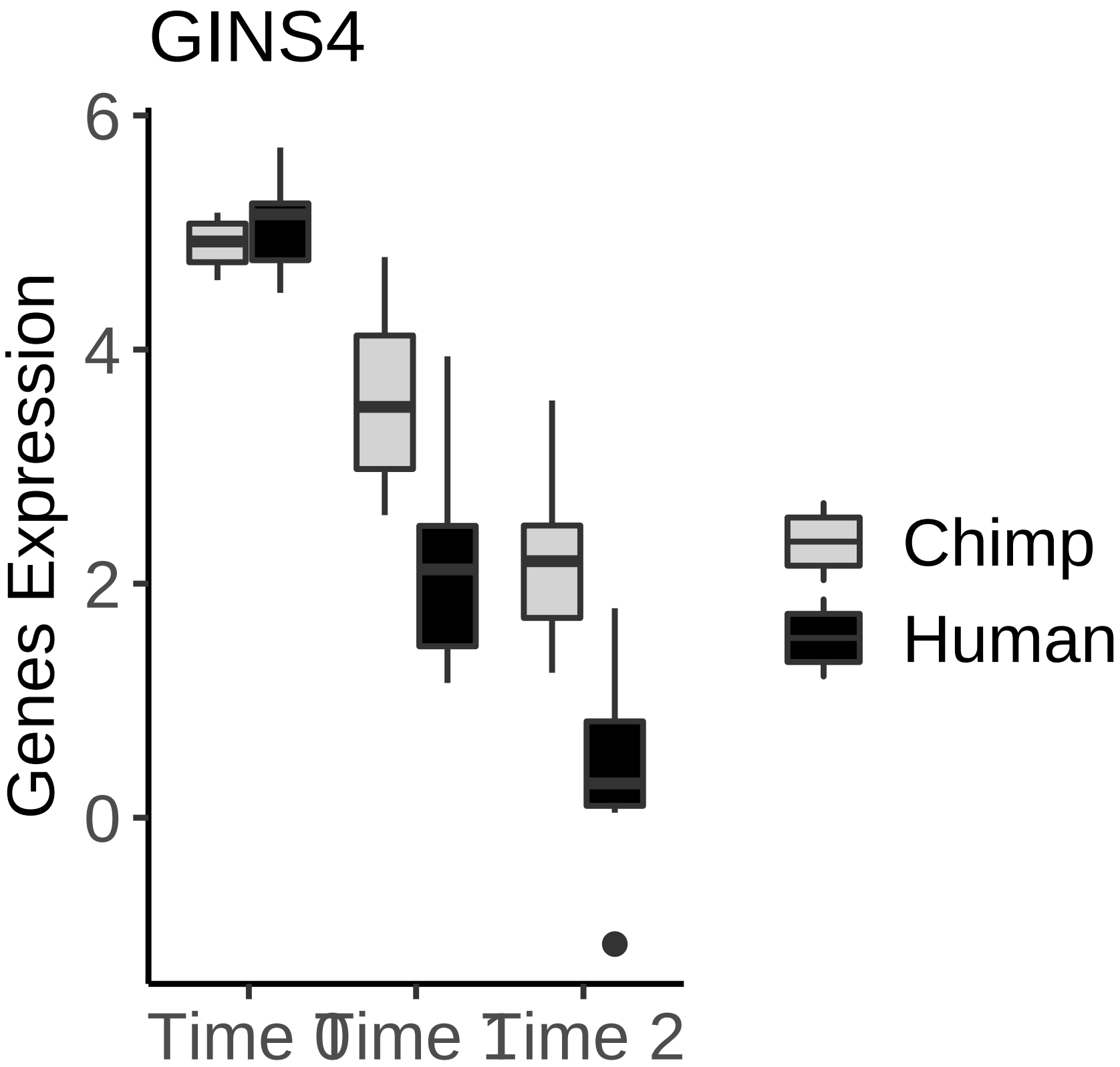
GINS4
Genes Expression
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4
2
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Time 1
Time 2
Chimp
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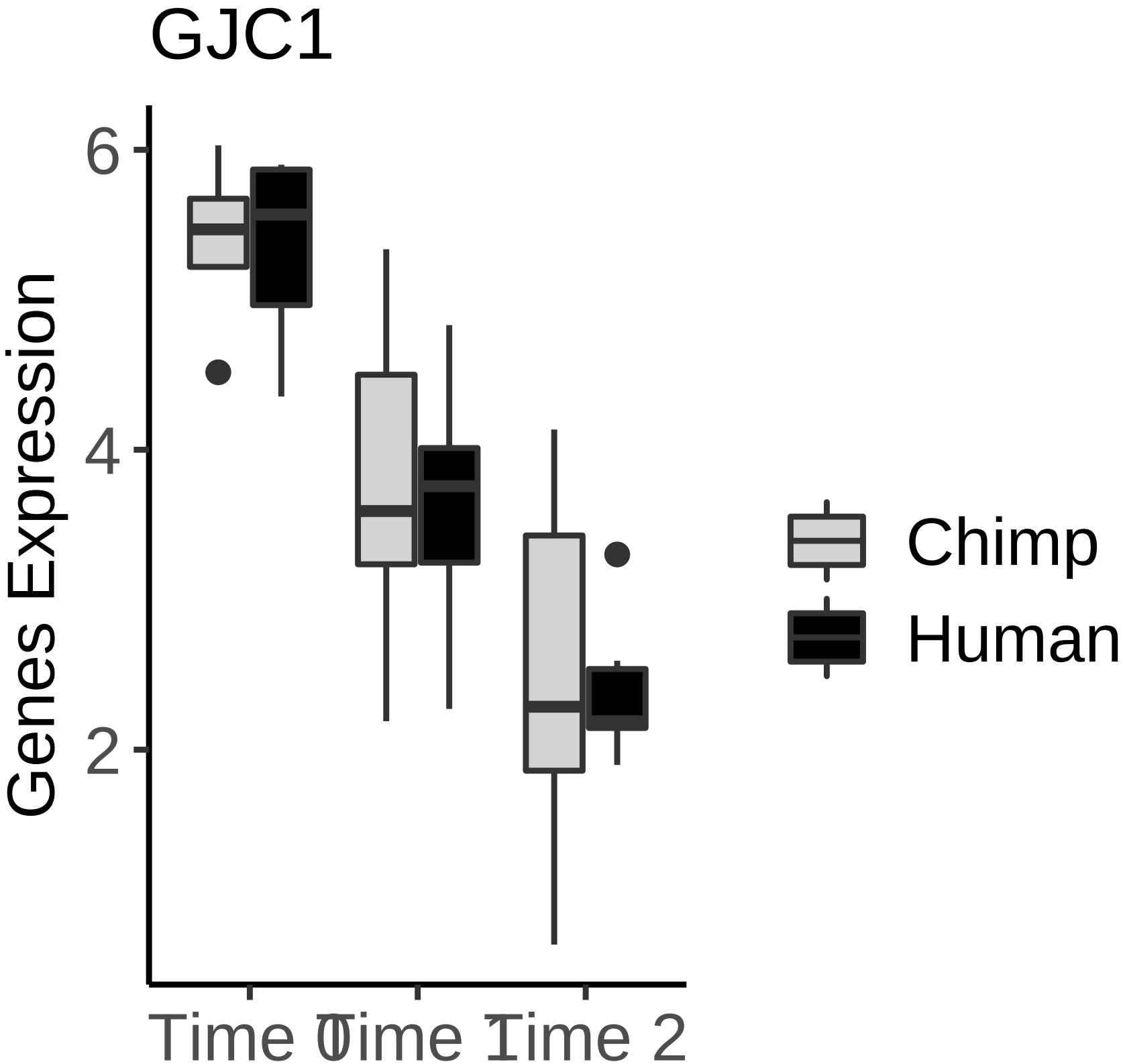
GJC1
Genes Expression
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Time 2
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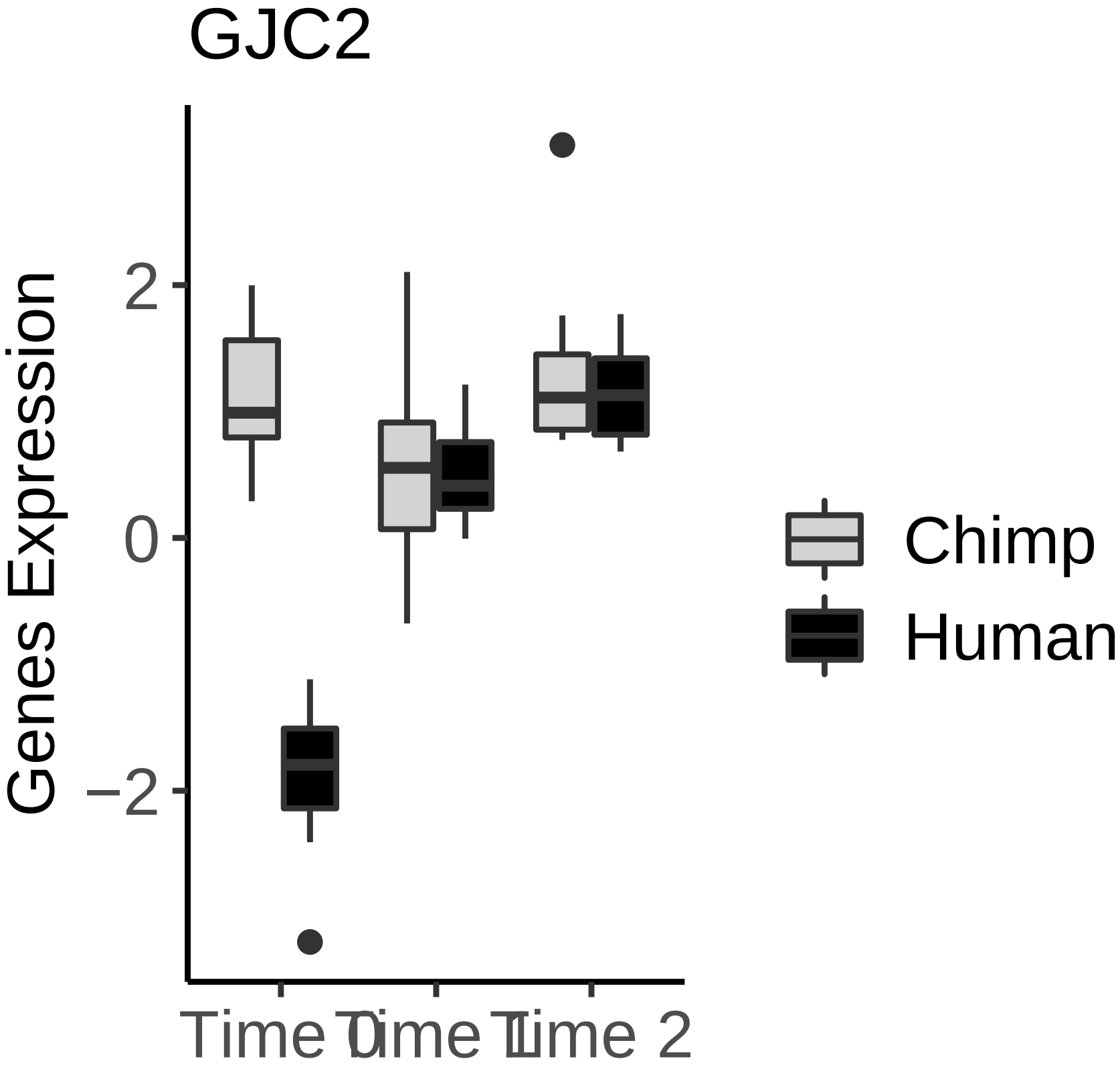
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Time 2
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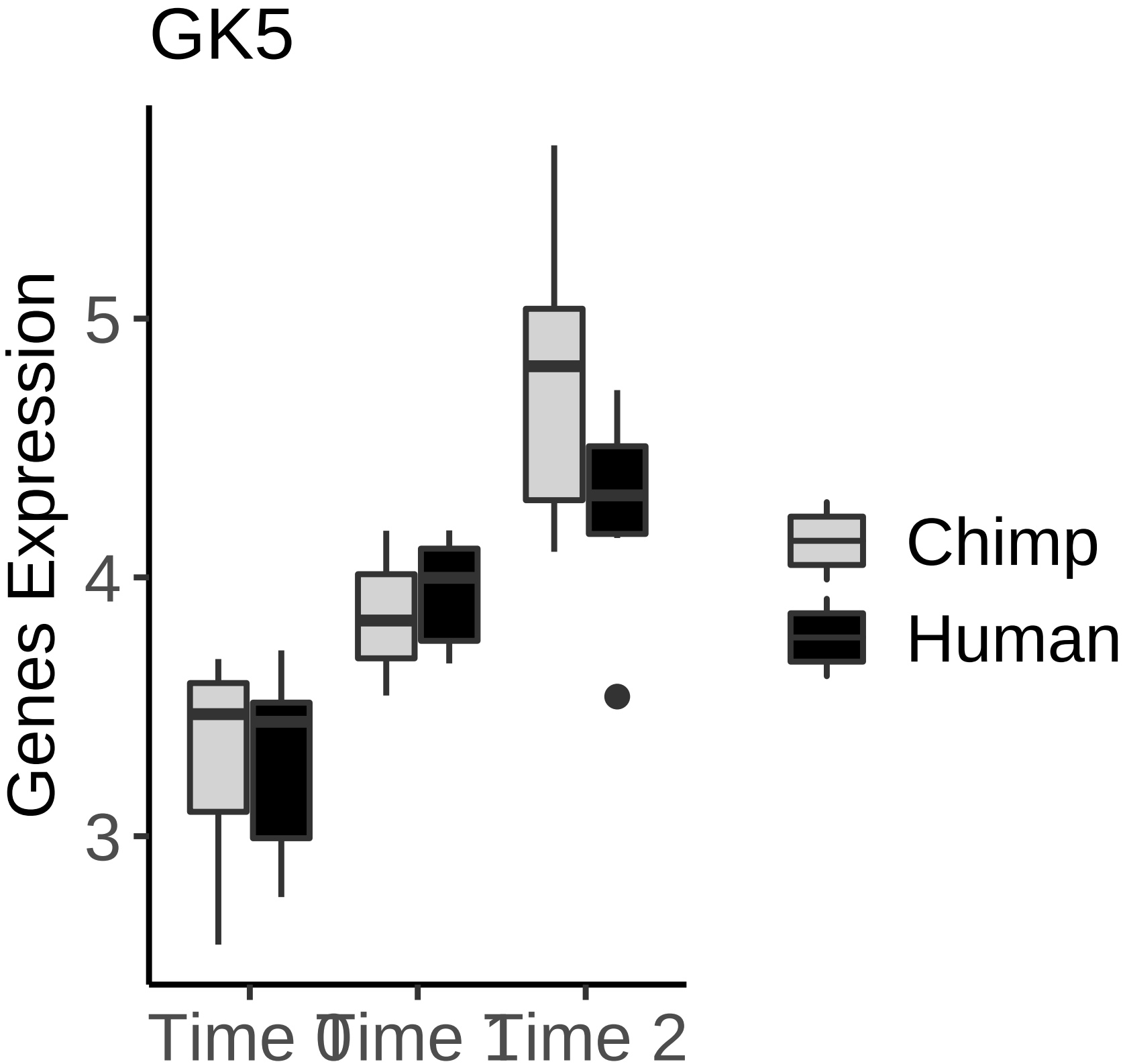
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Chimp
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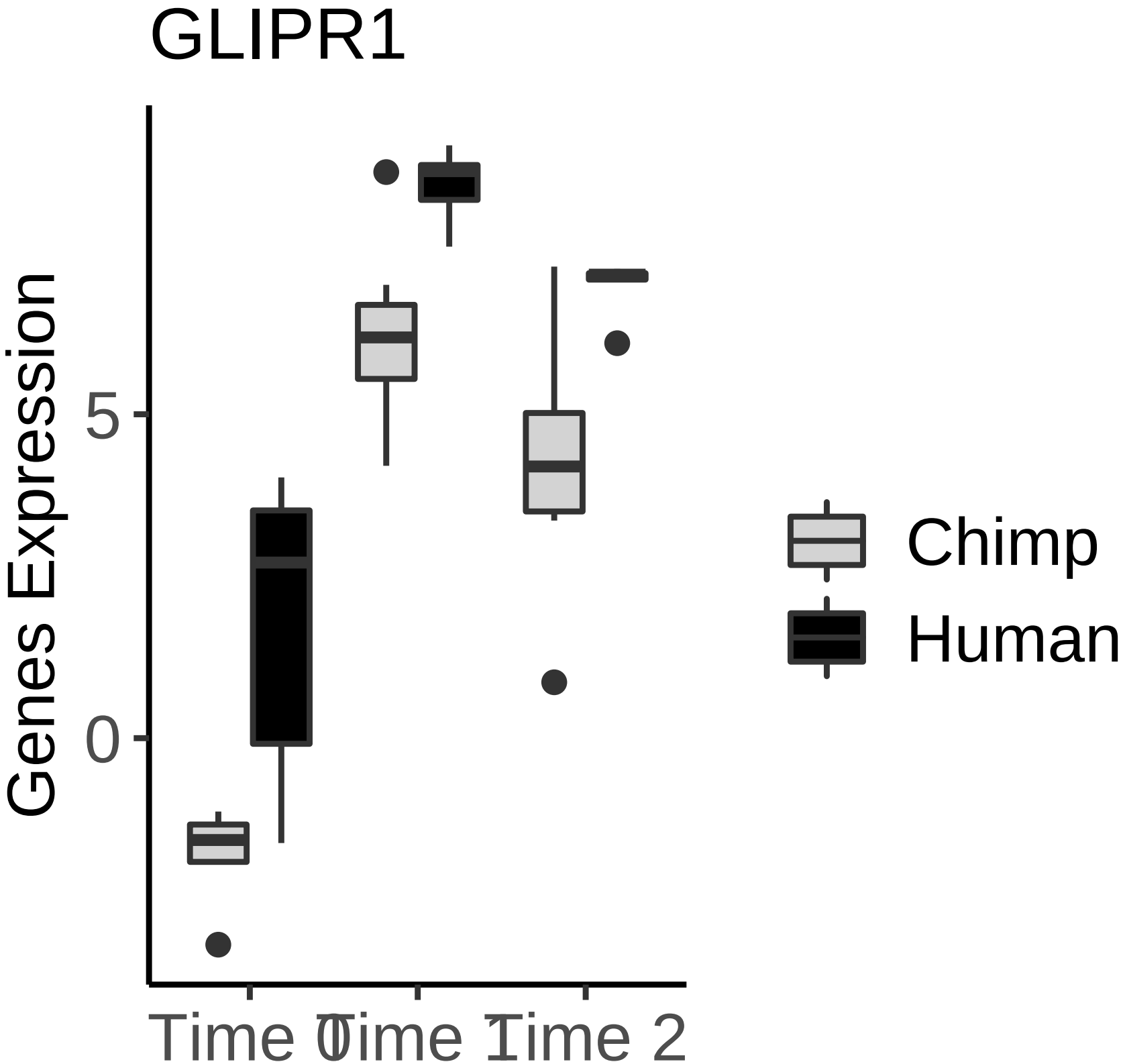
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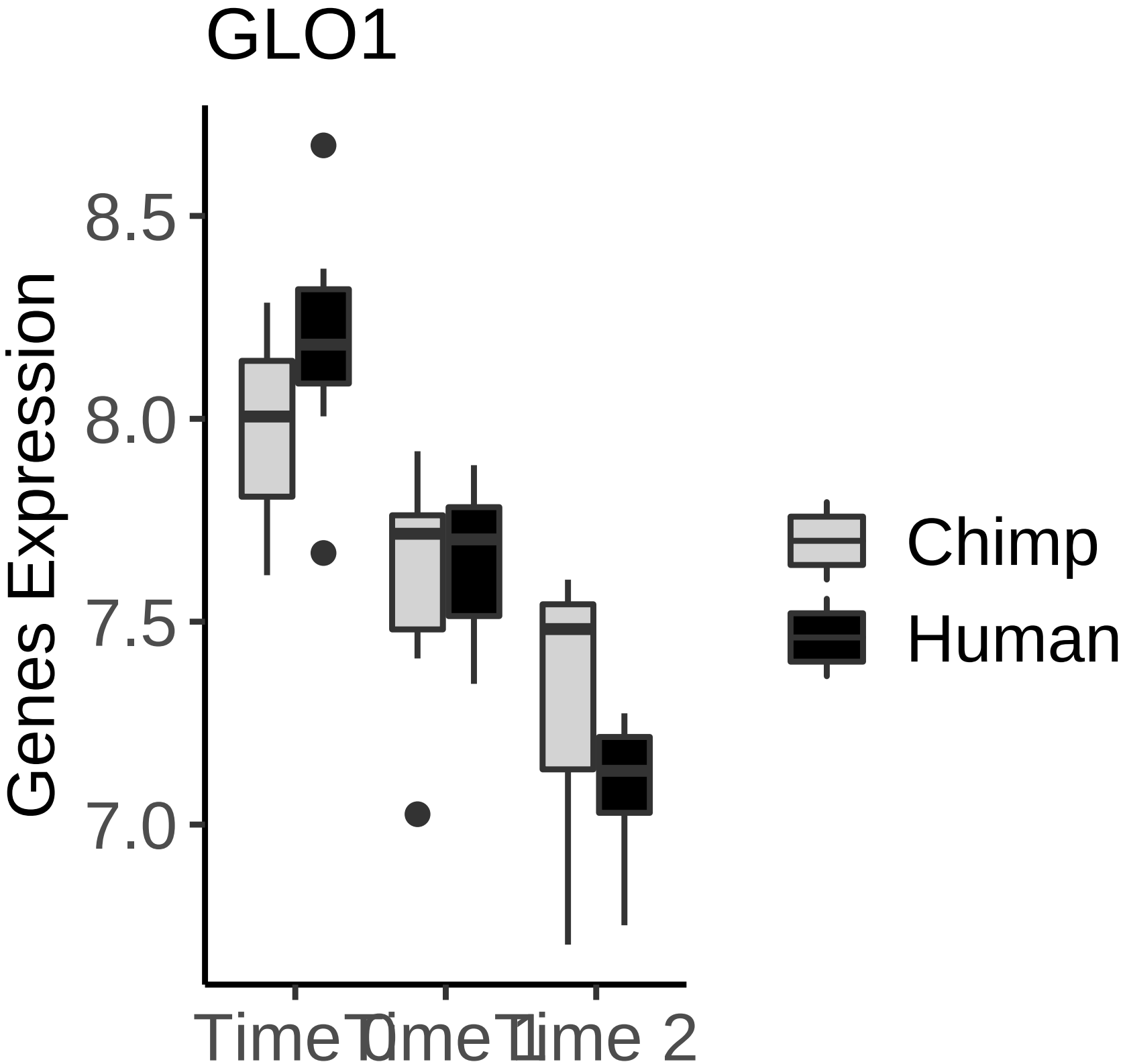
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Time 2
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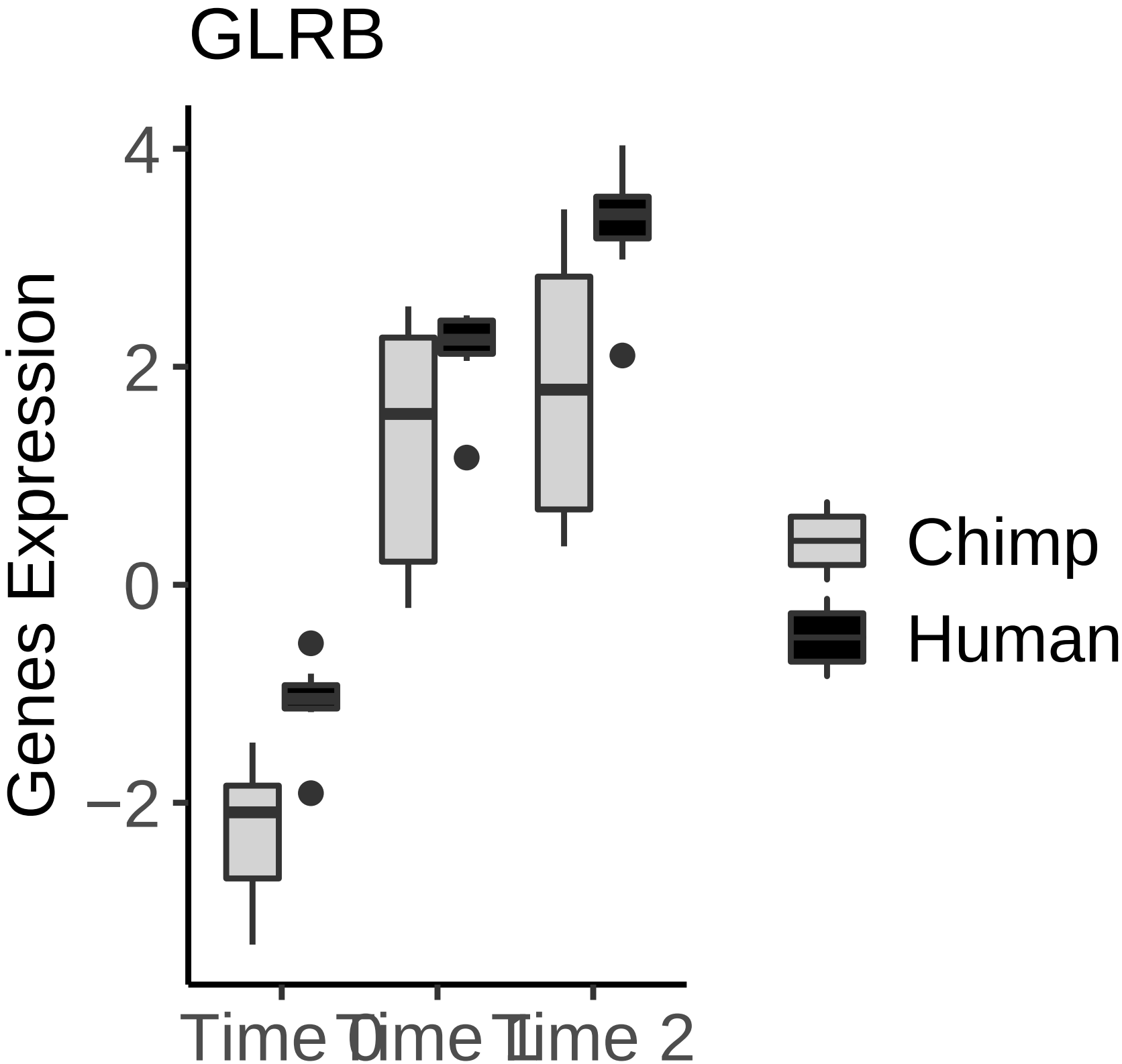
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Time 2
Chimp
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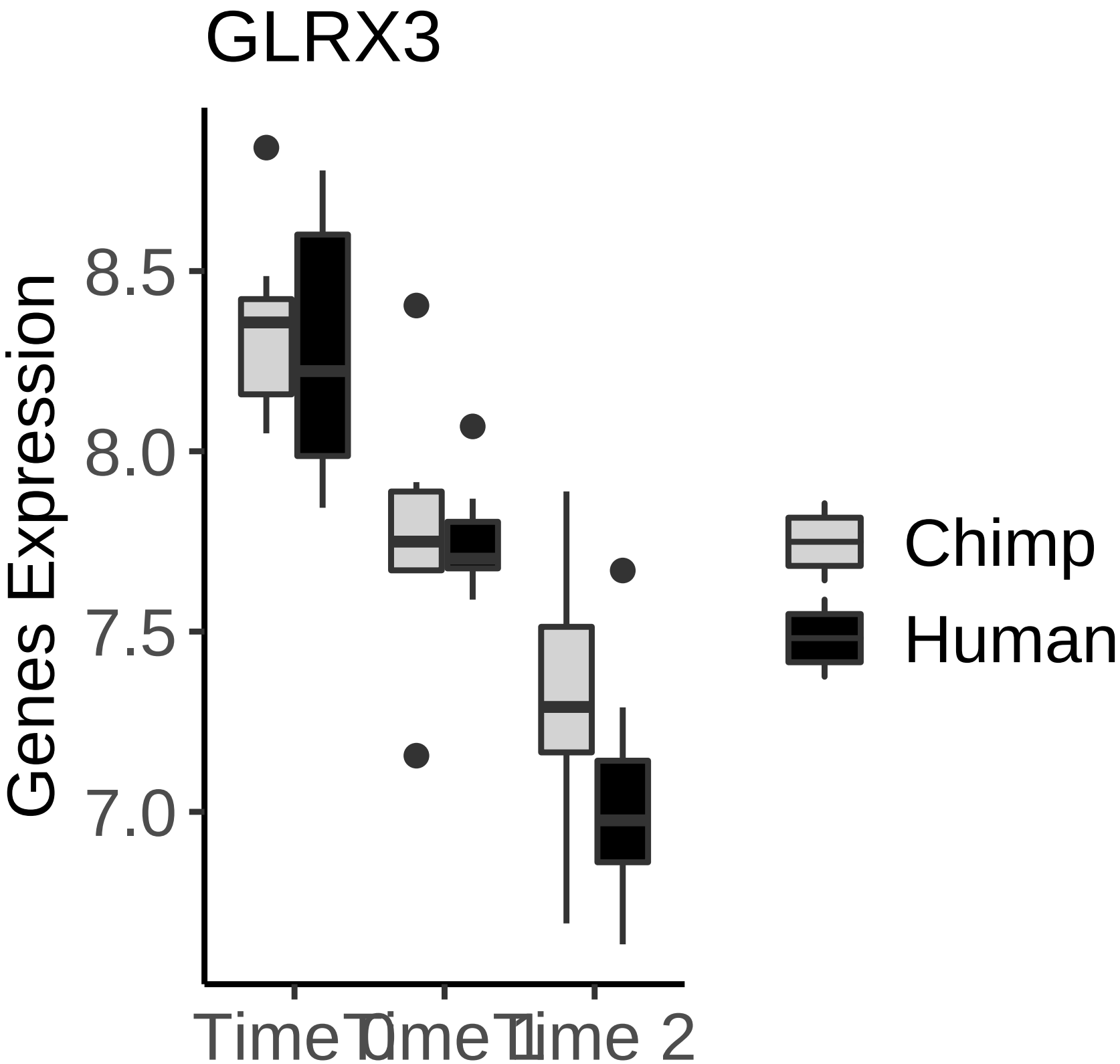
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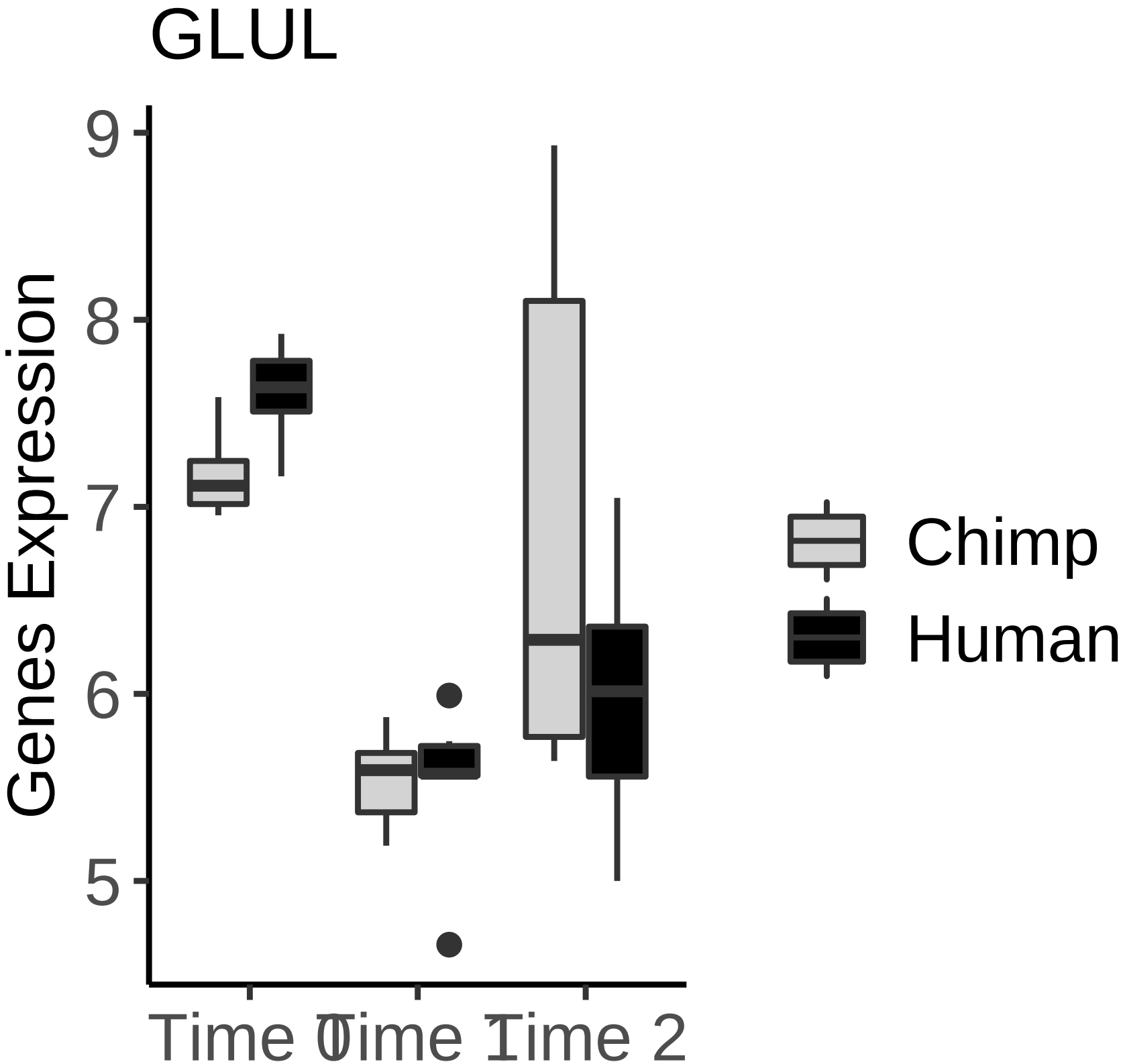
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Time 2
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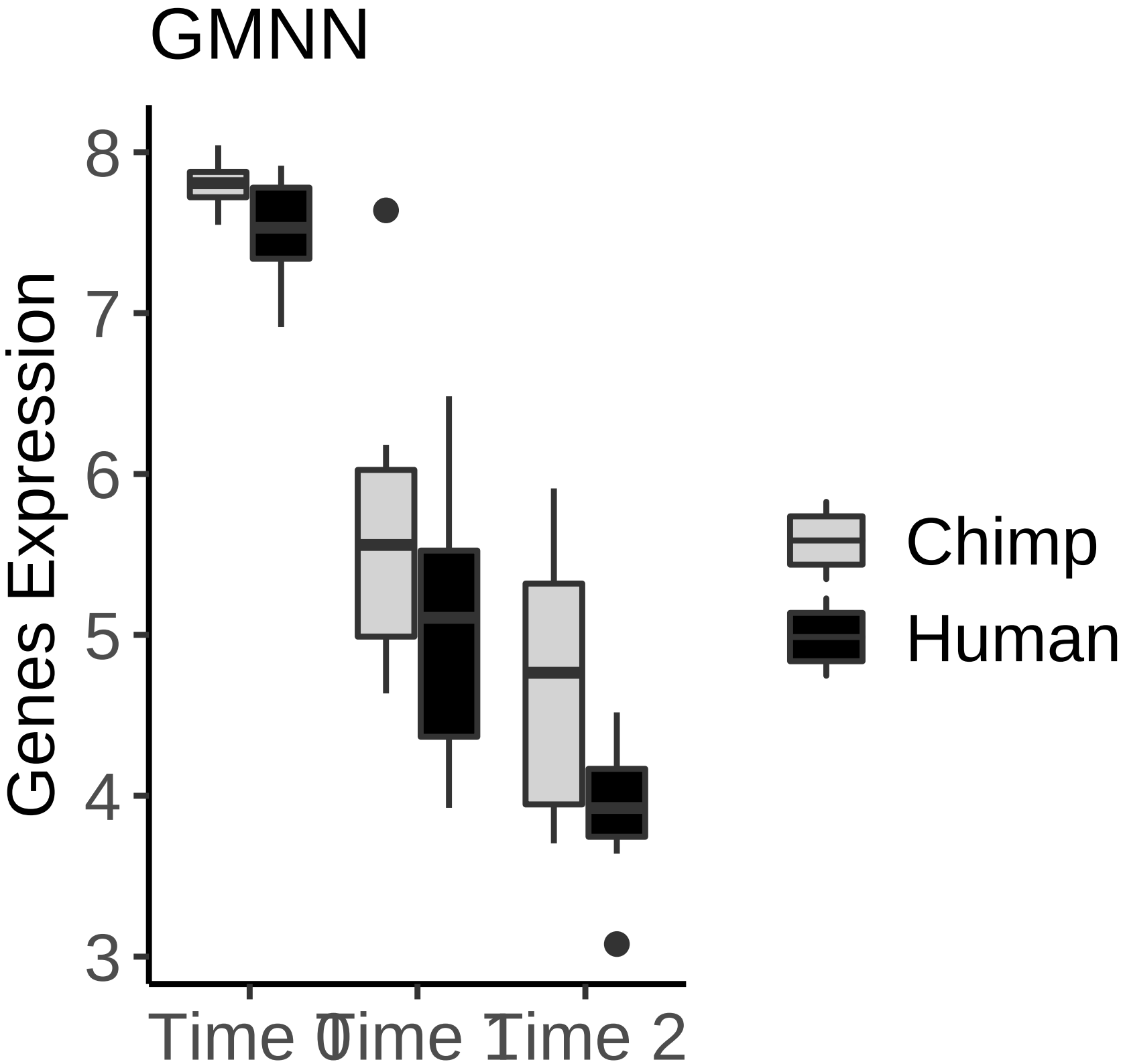
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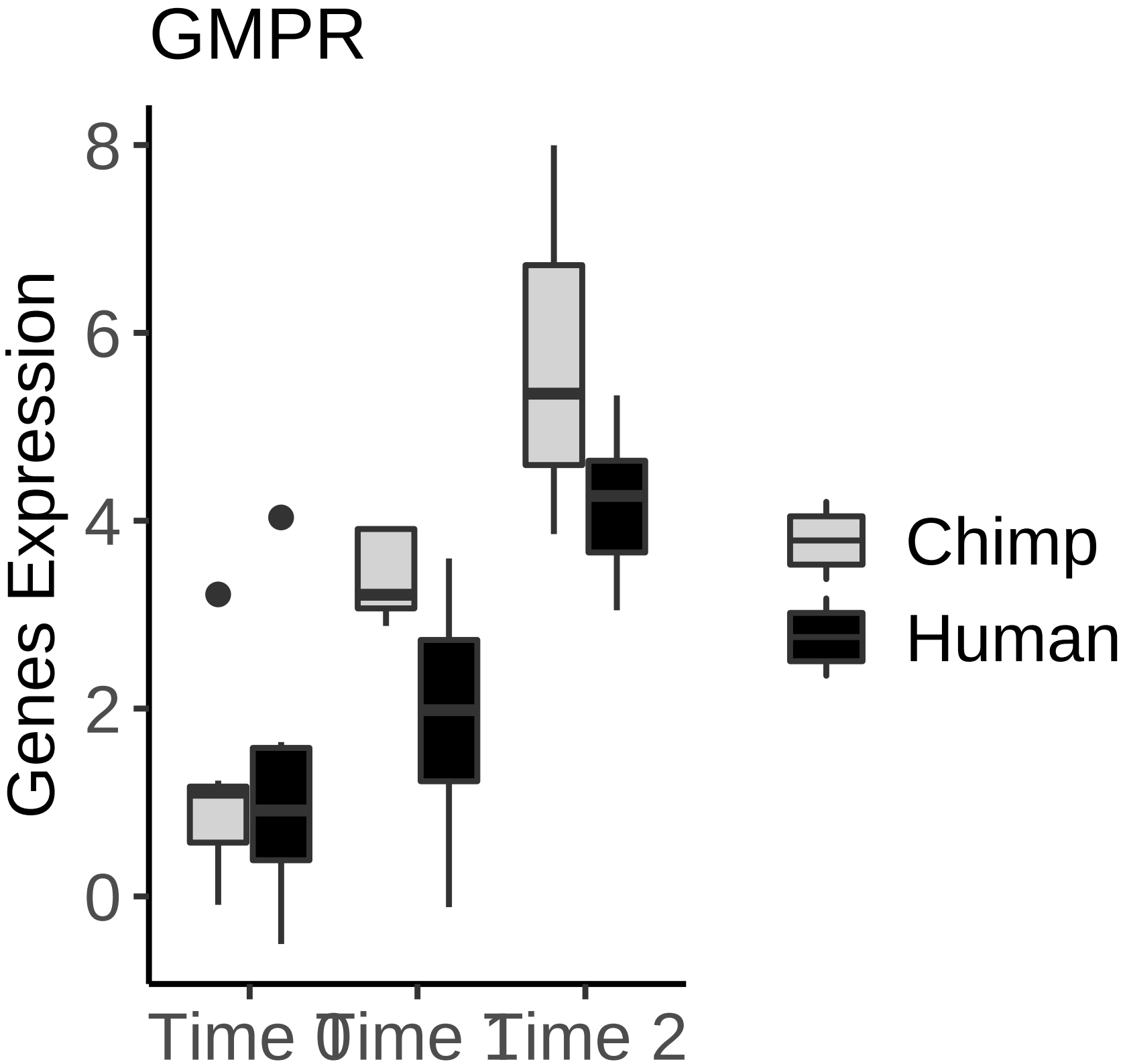
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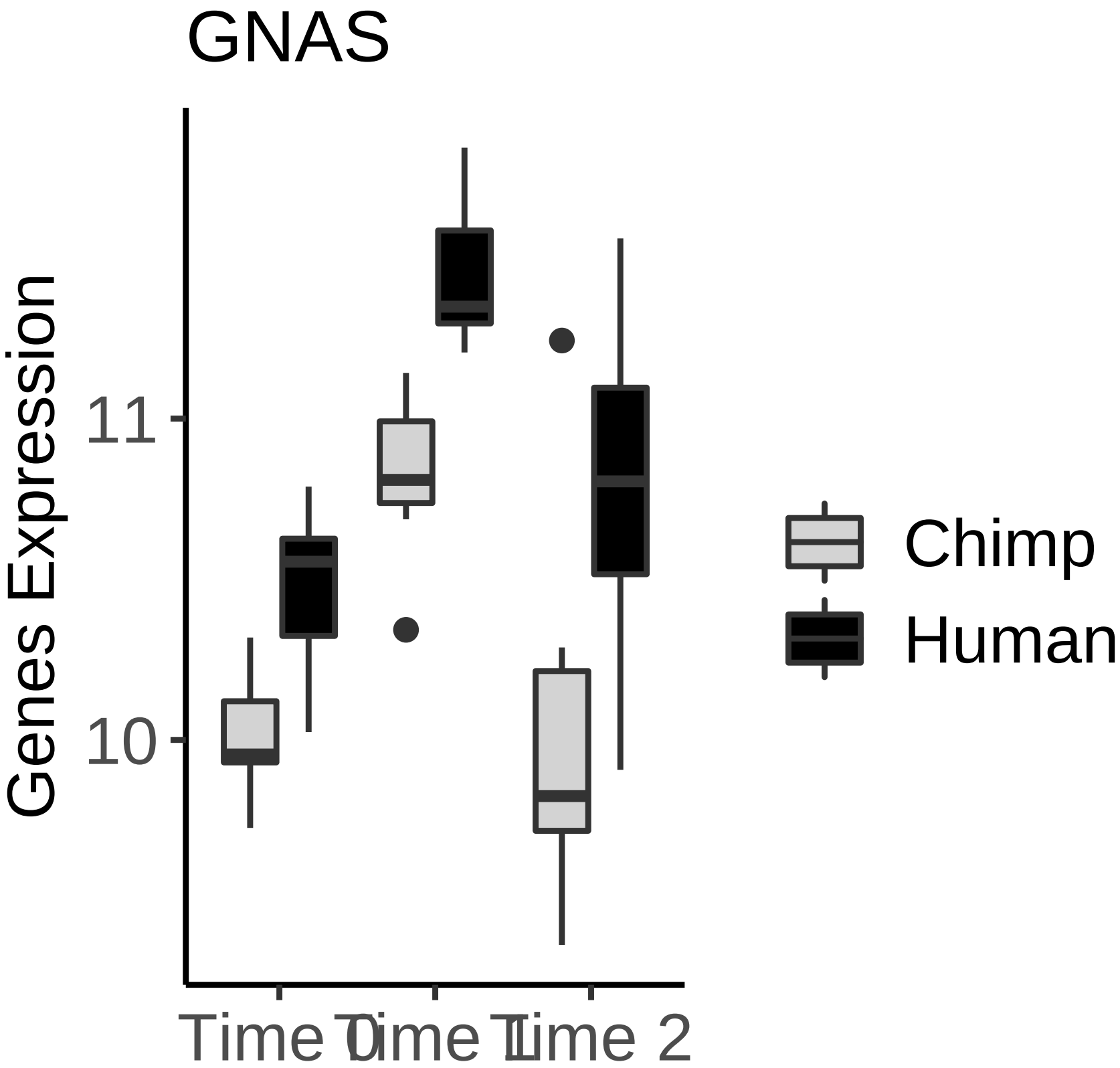
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Time 2
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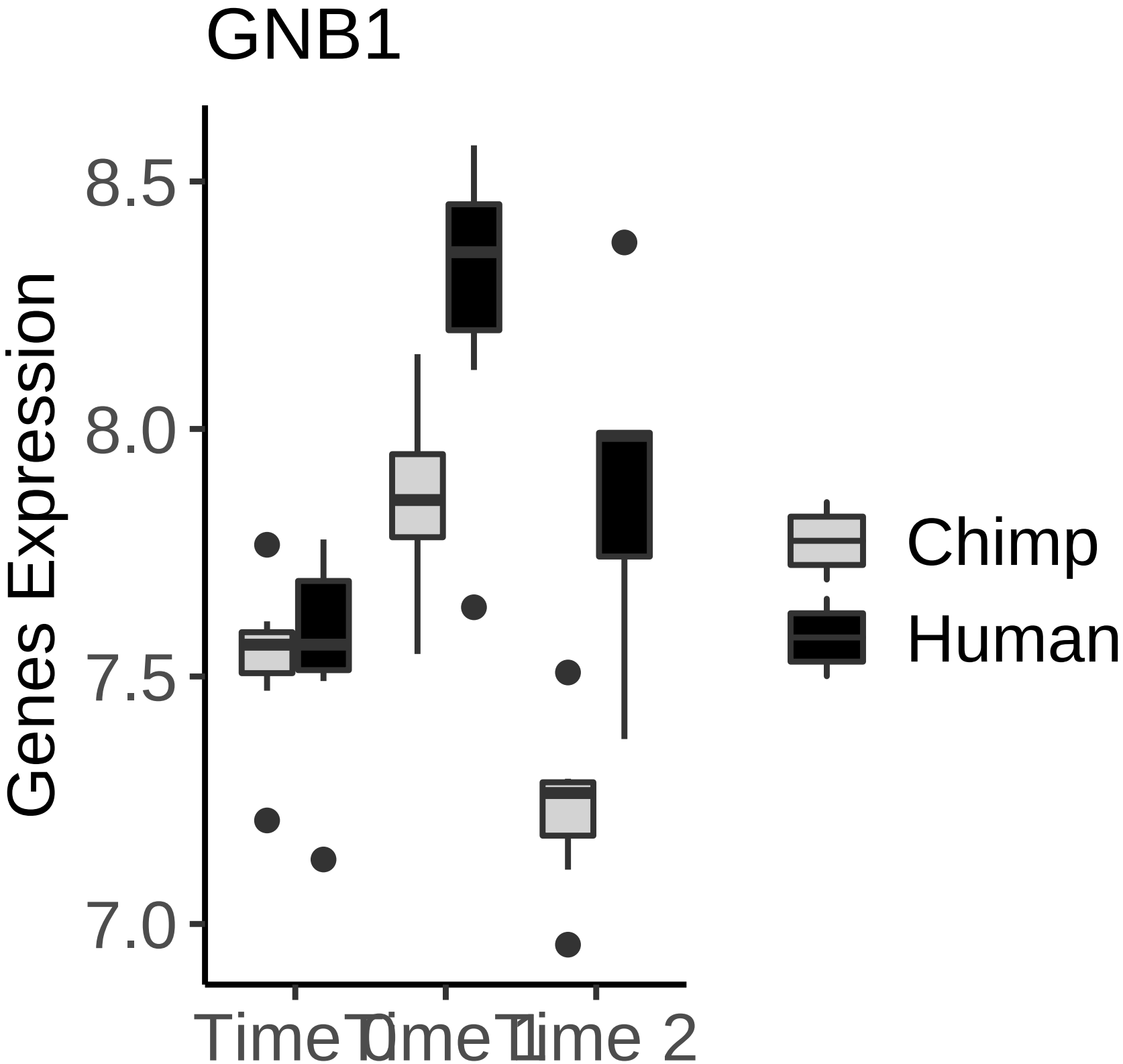
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7.0
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Time 1
Time 2
Chimp
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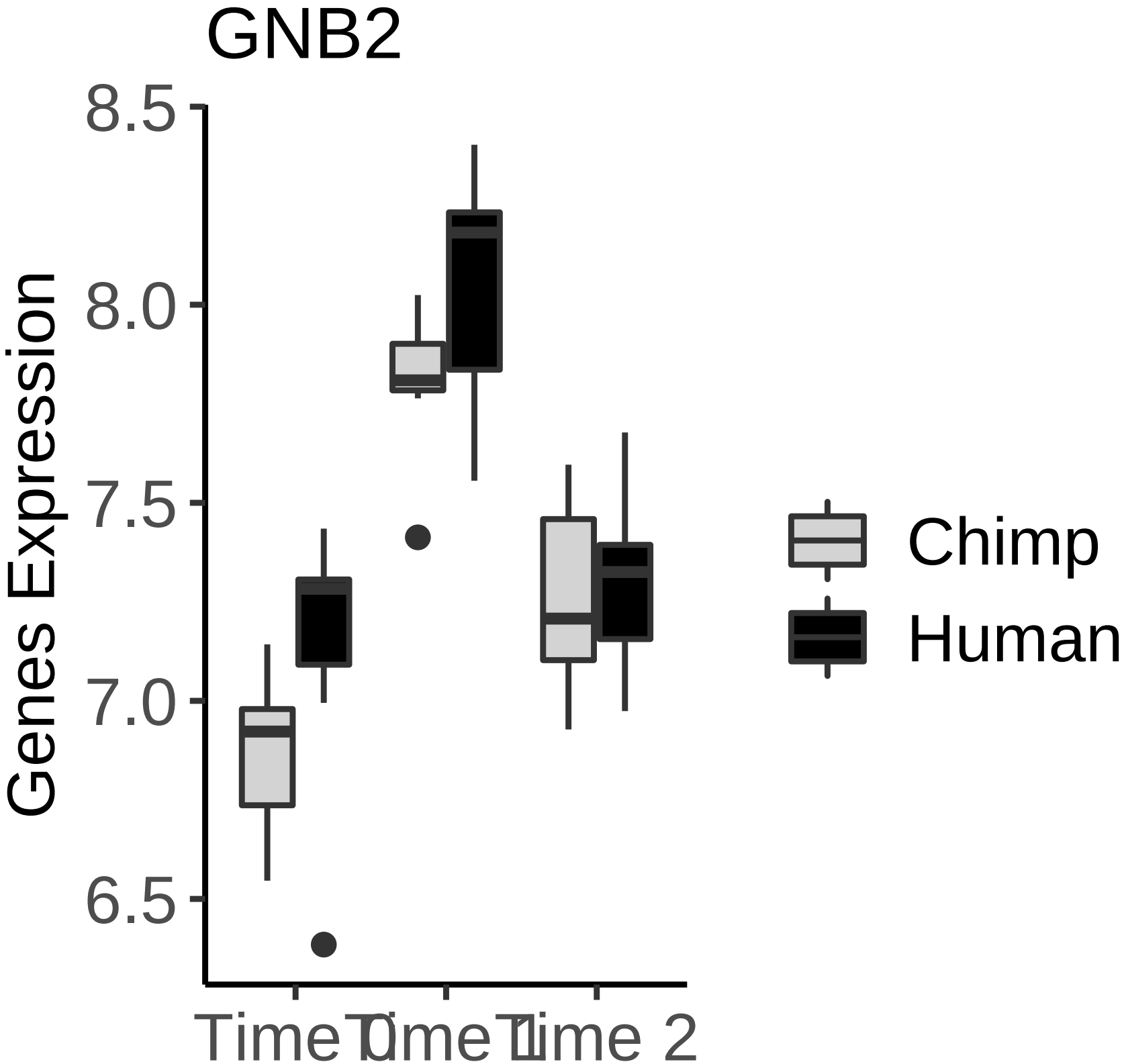
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7.0
6.5
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Time 1
Time 2
Chimp
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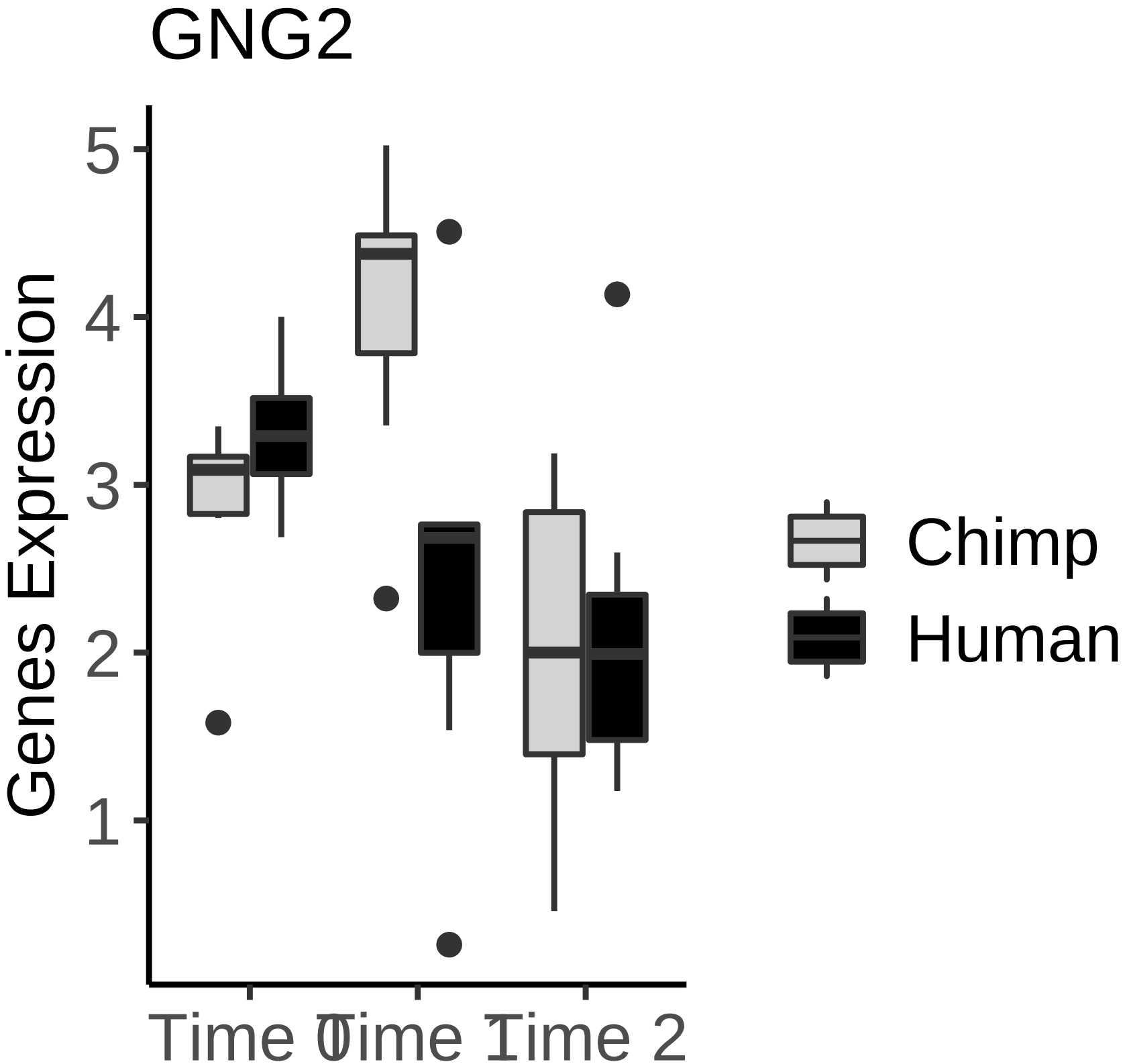
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1
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Time 2
Chimp
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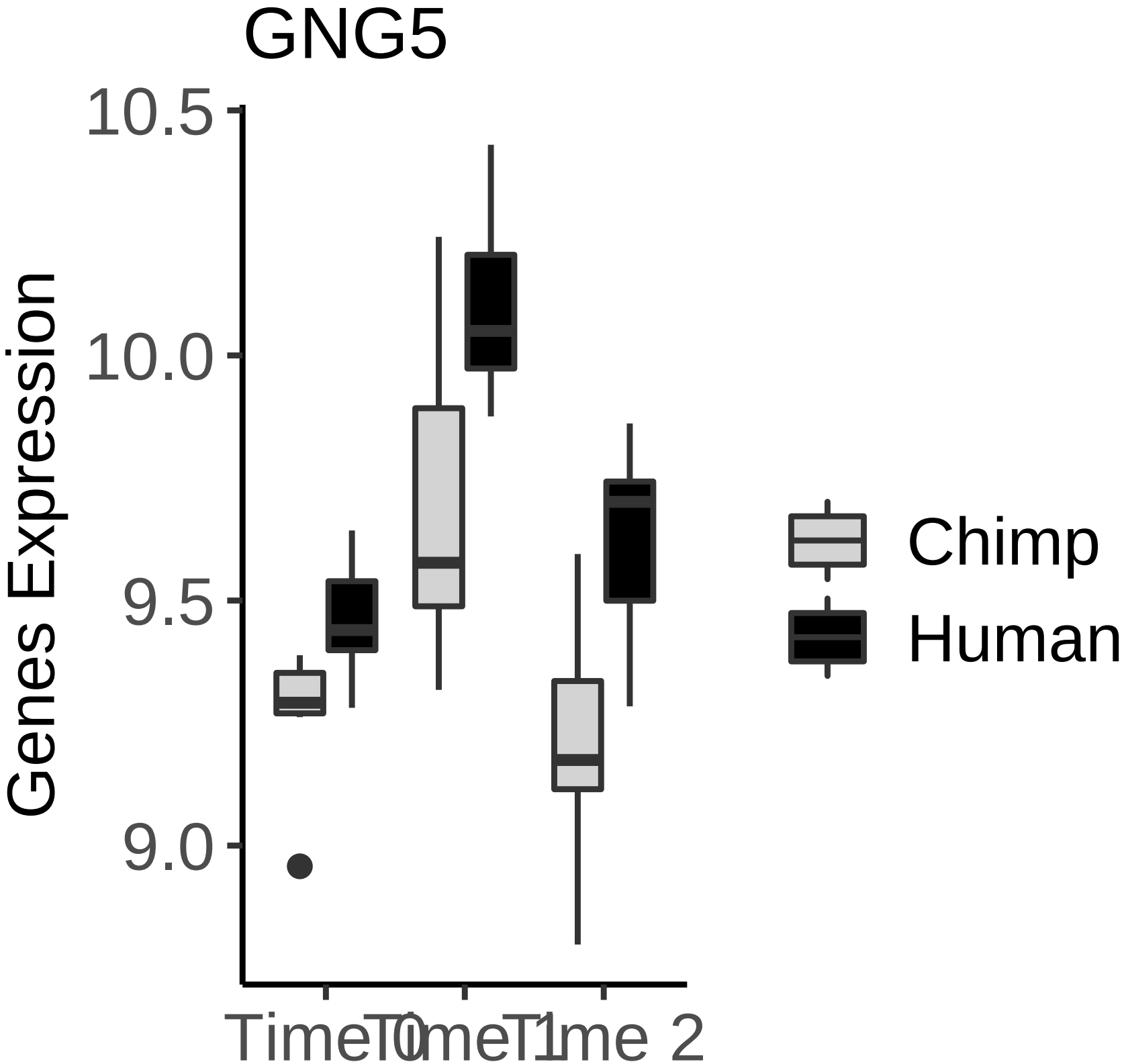
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Time 2
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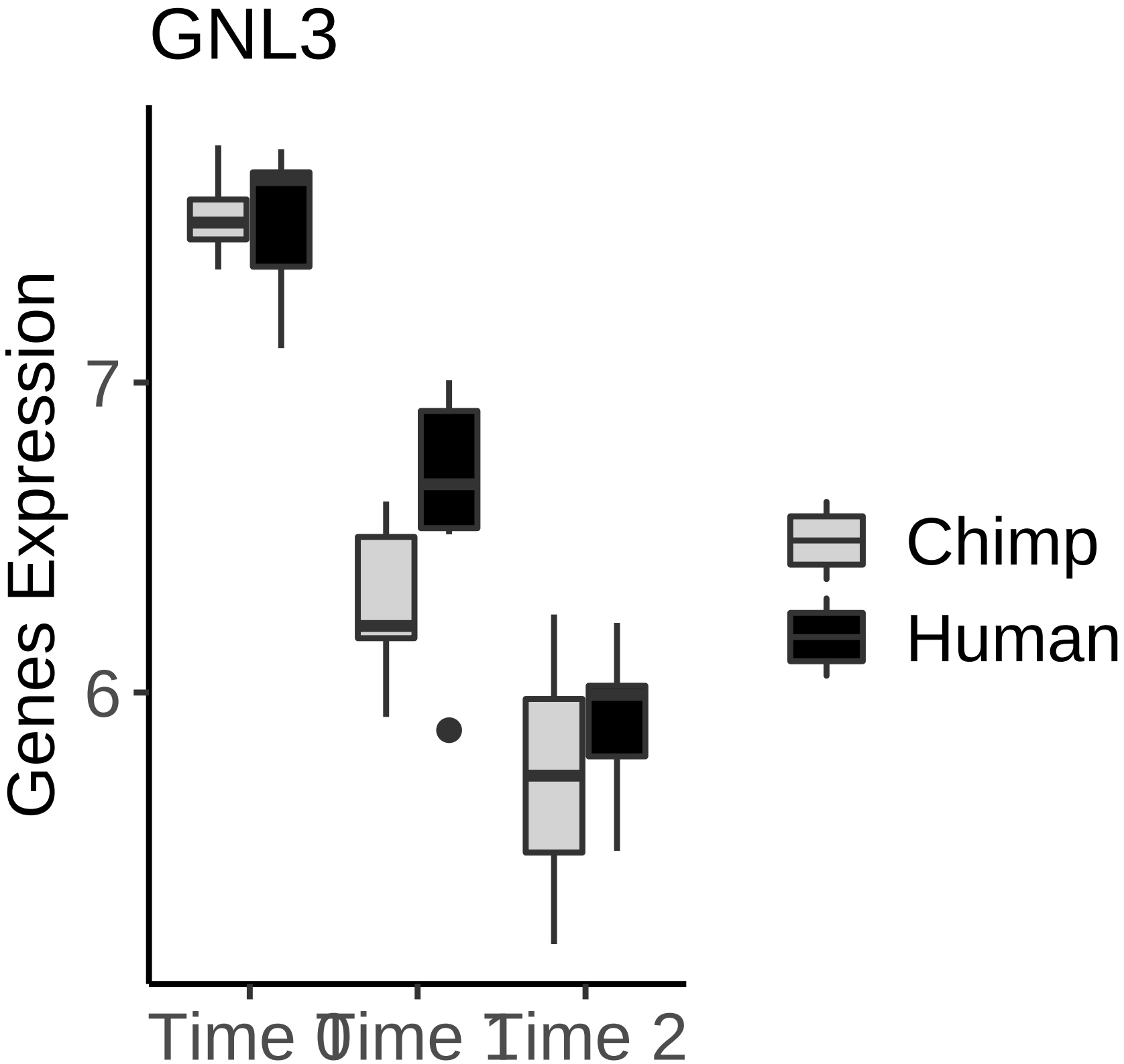
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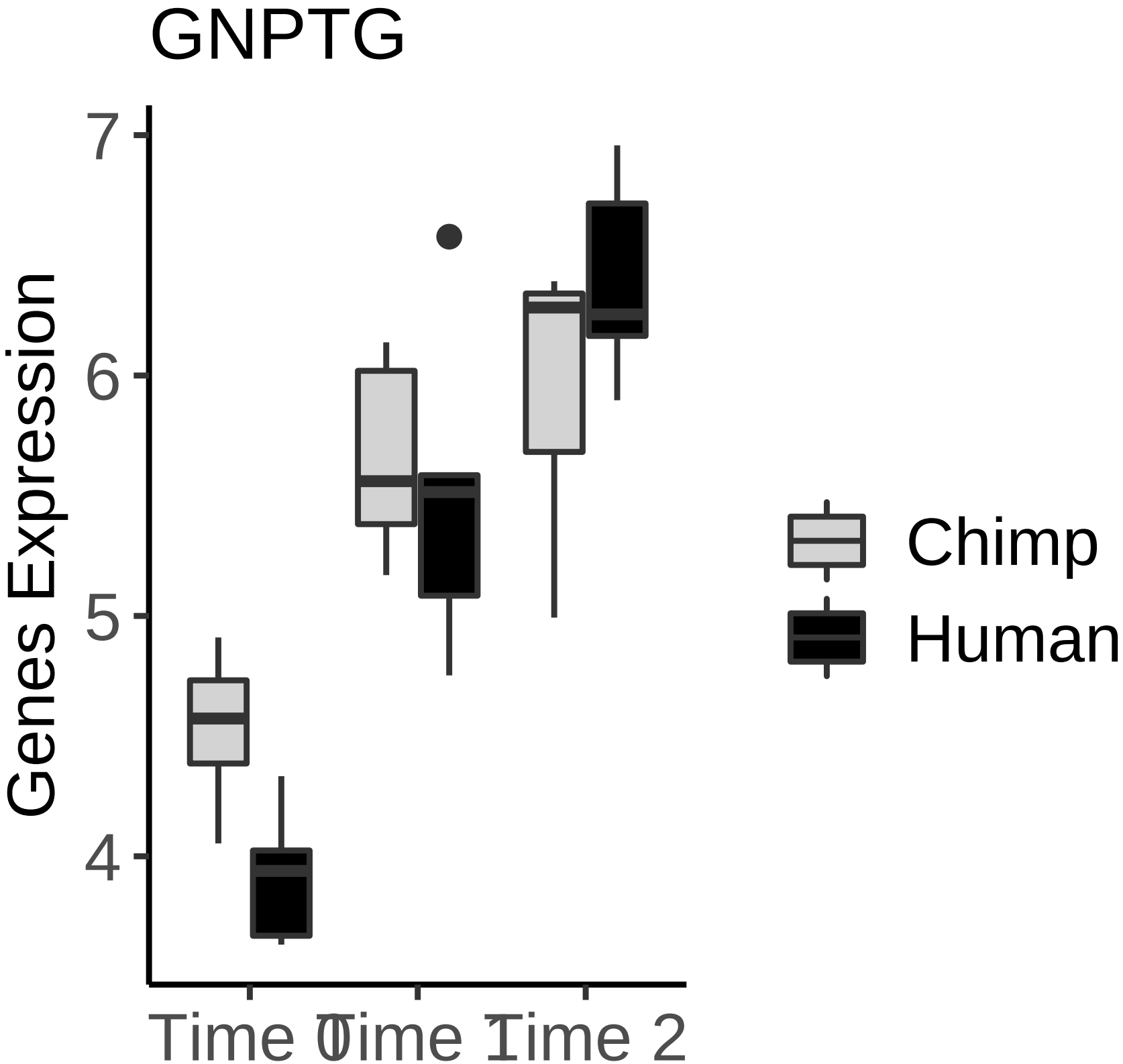
GNPTG
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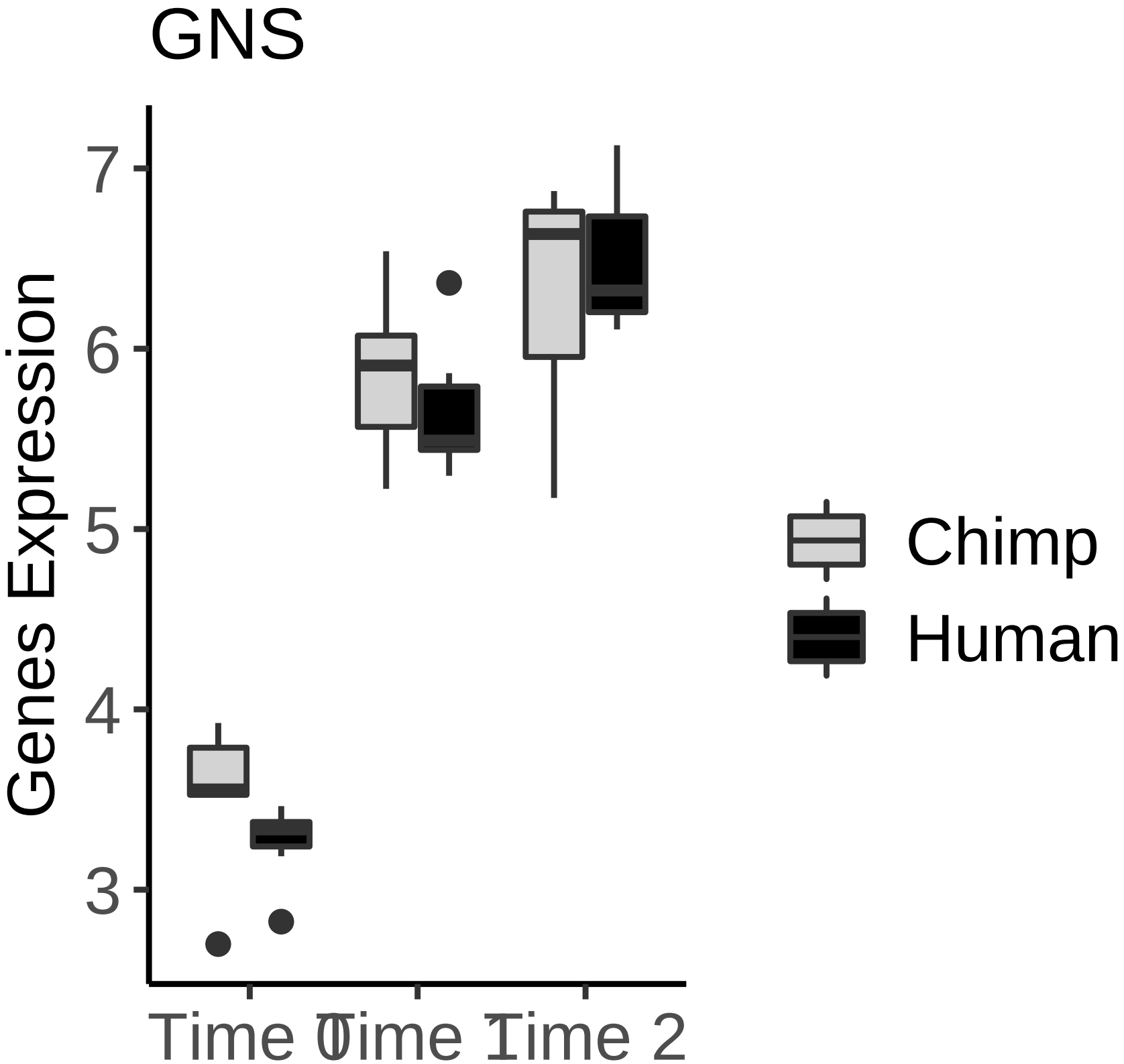
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Time 2
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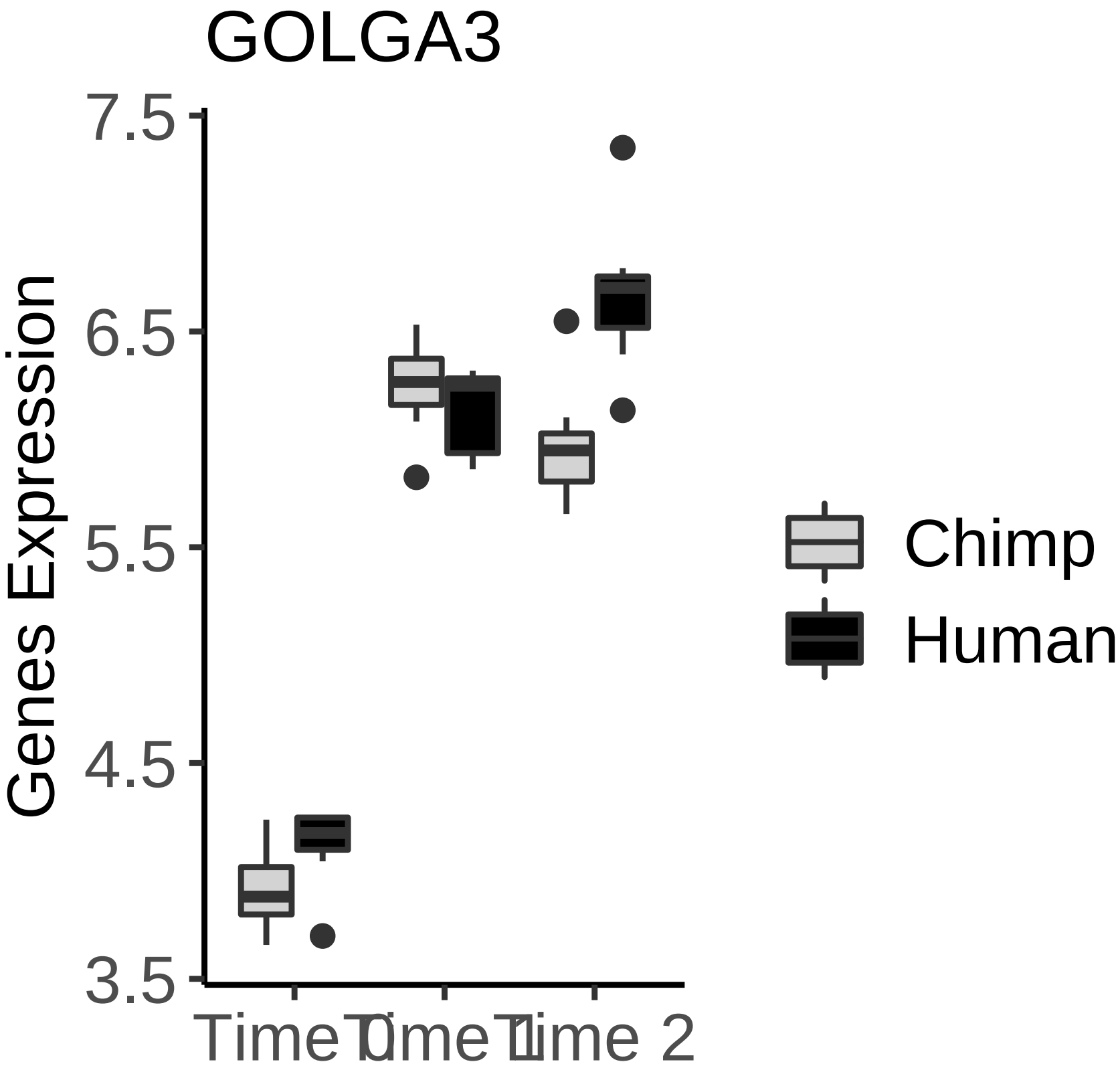
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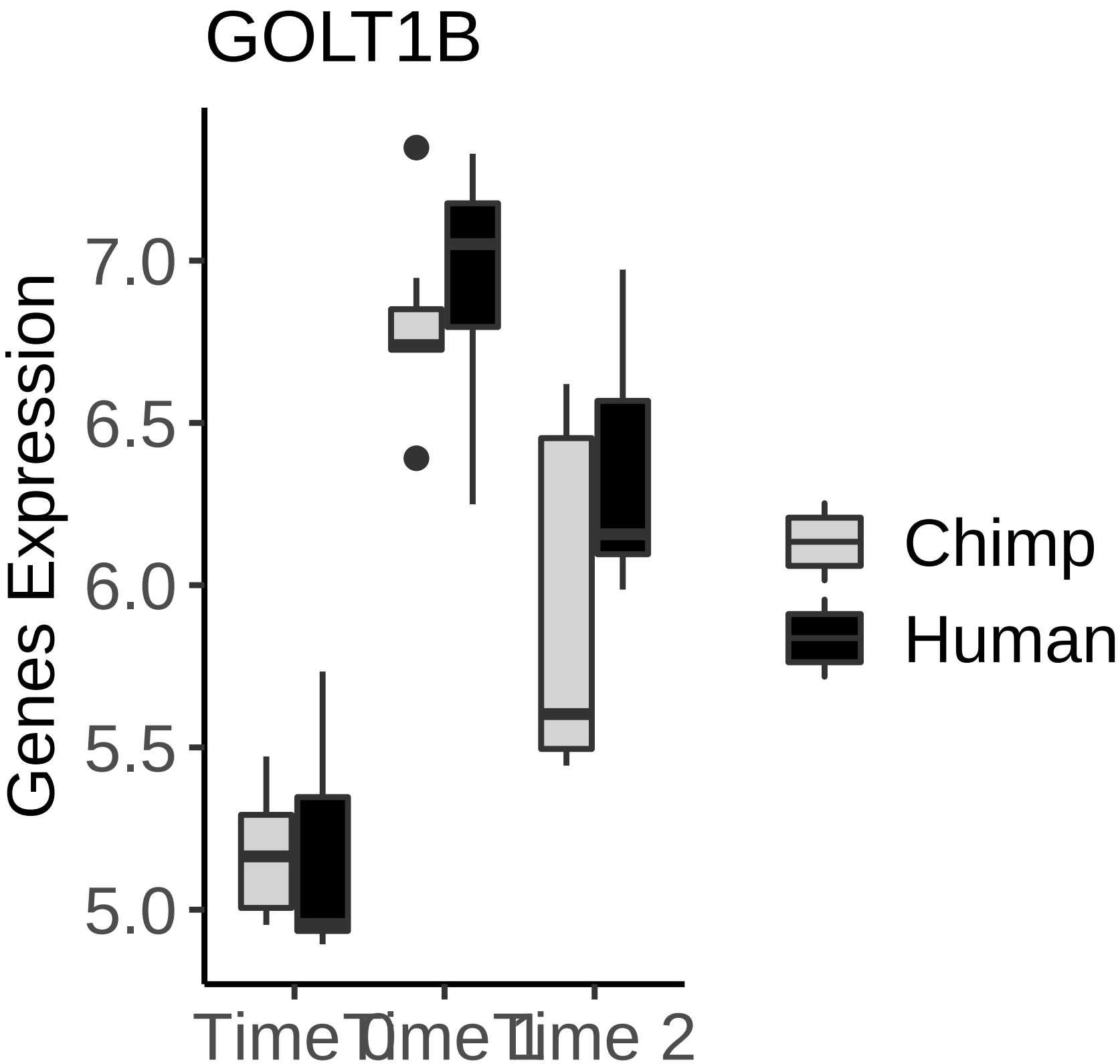
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Chimp
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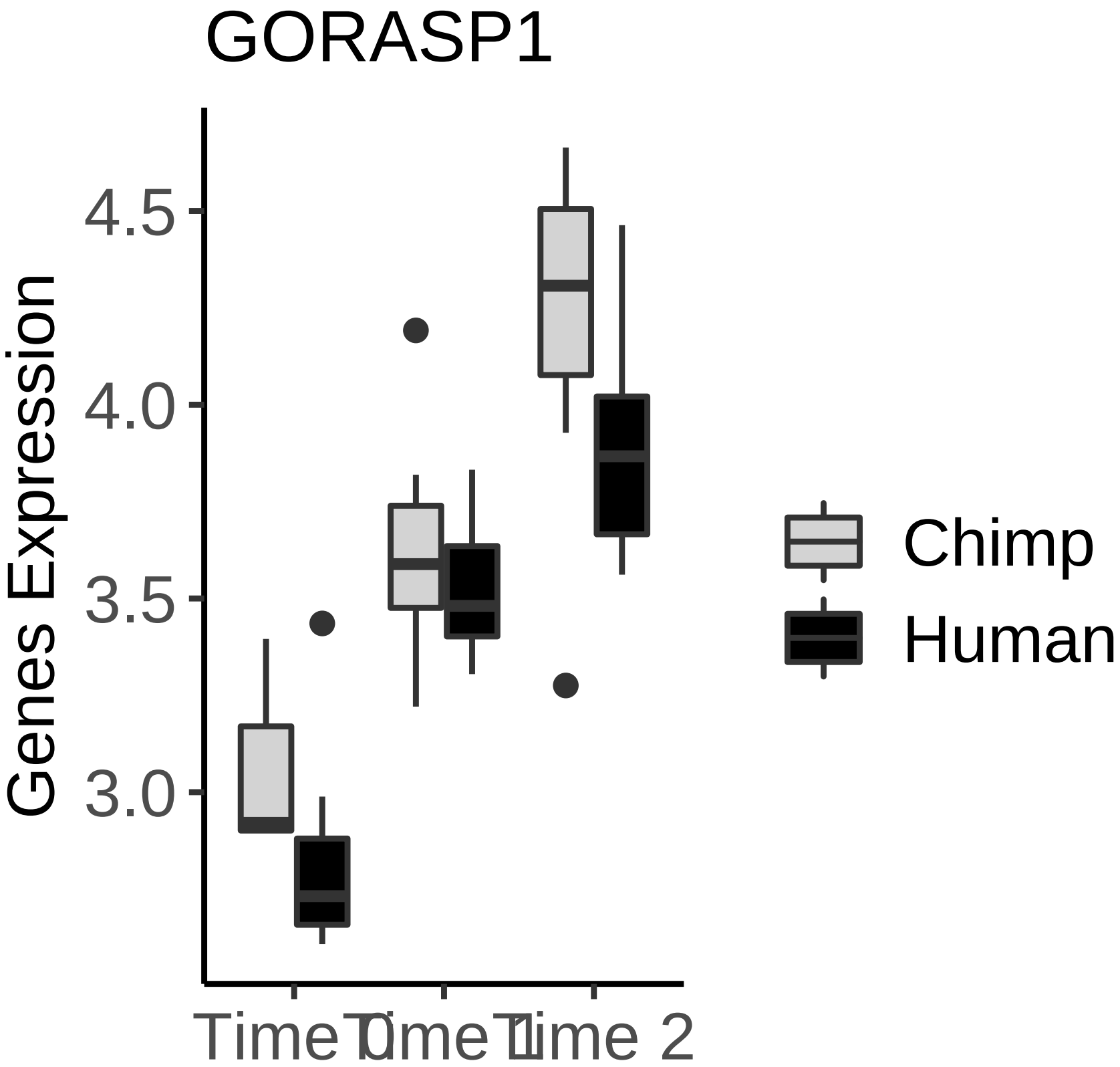
GORASP1
Genes Expression
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3.0
Time 0
Time 1
Time 2
Chimp
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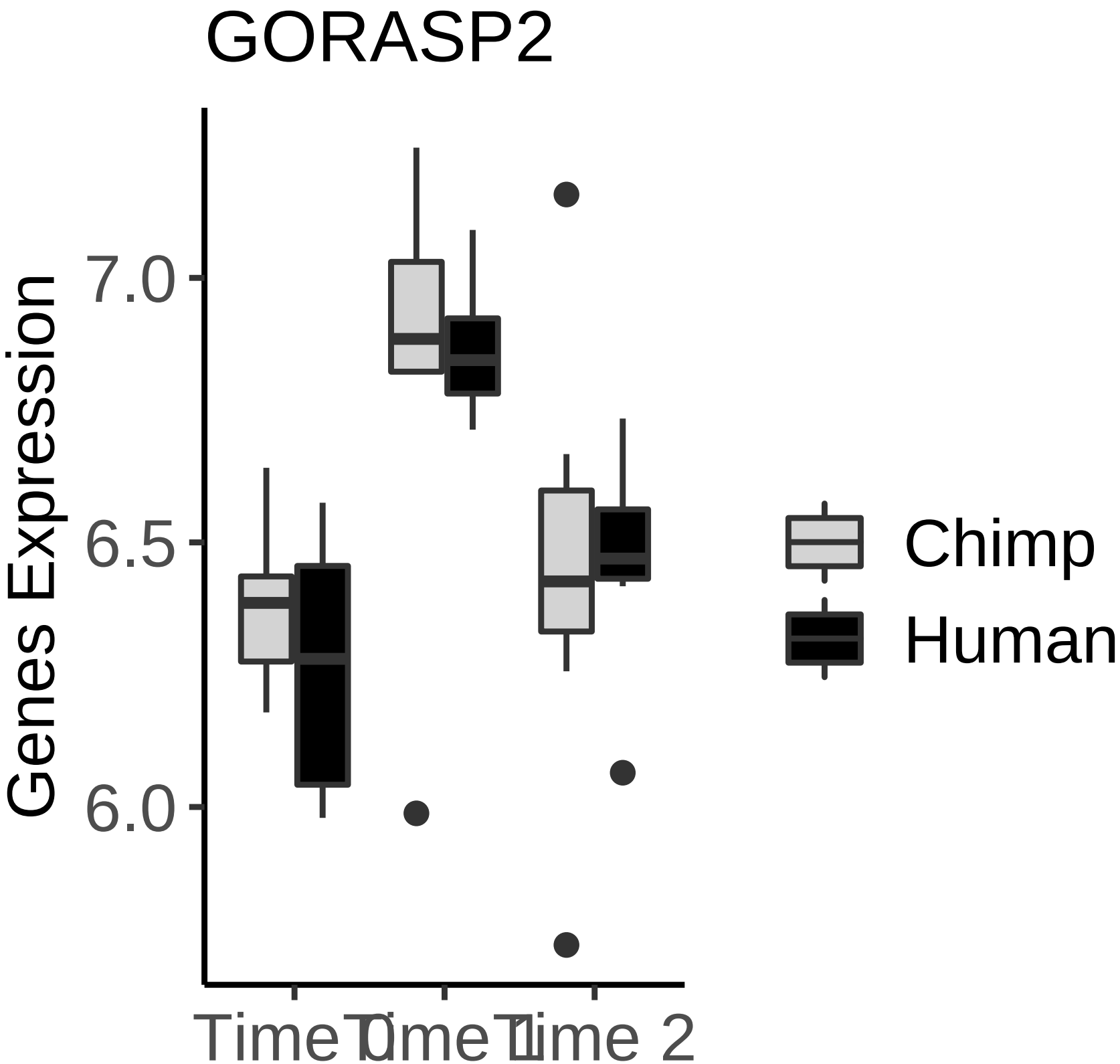
GORASP2
Genes Expression
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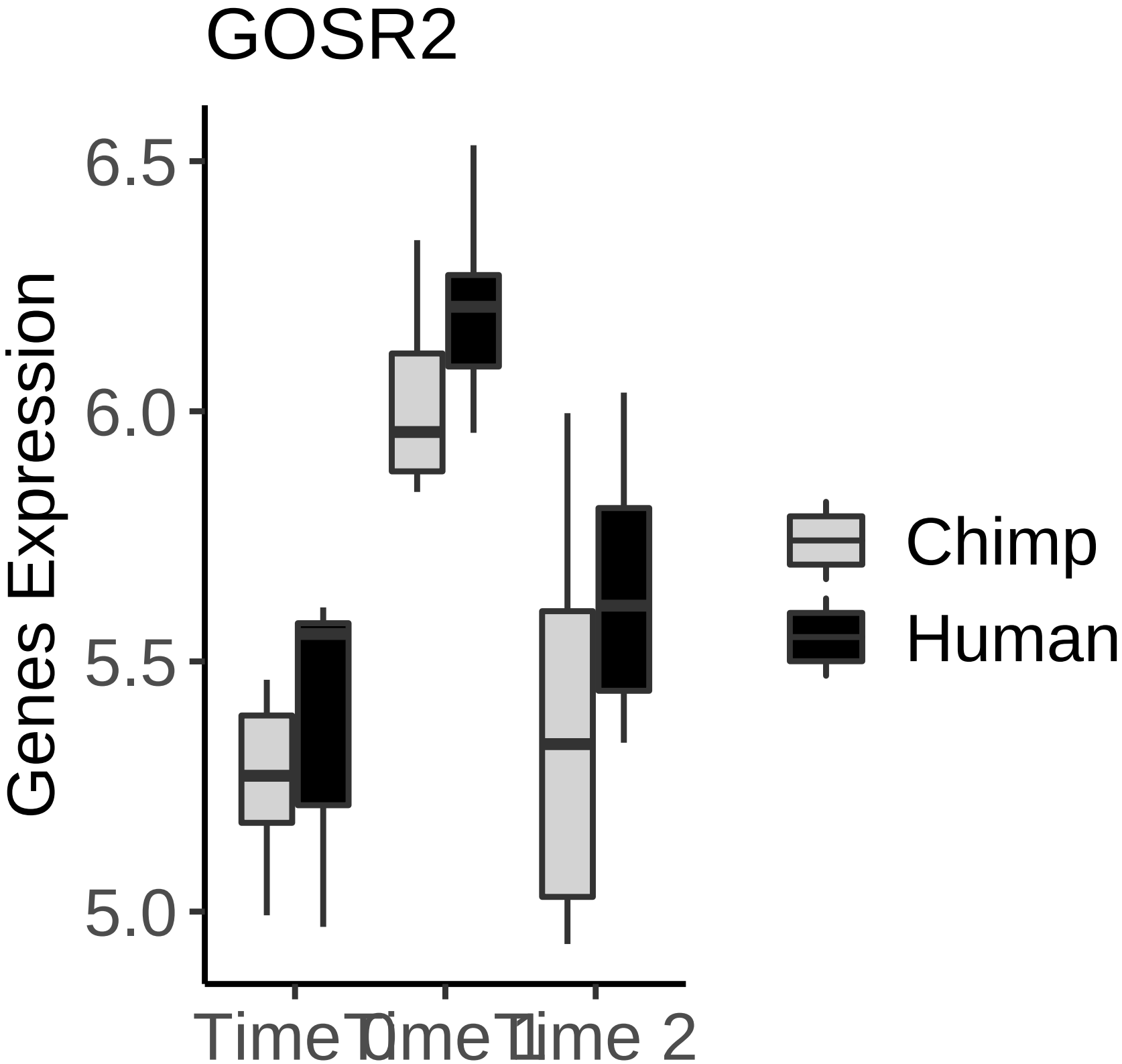
Time 0
Time 1
Time 2
Chimp
Human


GOSR2
Genes Expression
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Time 0
Time 1
Time 2
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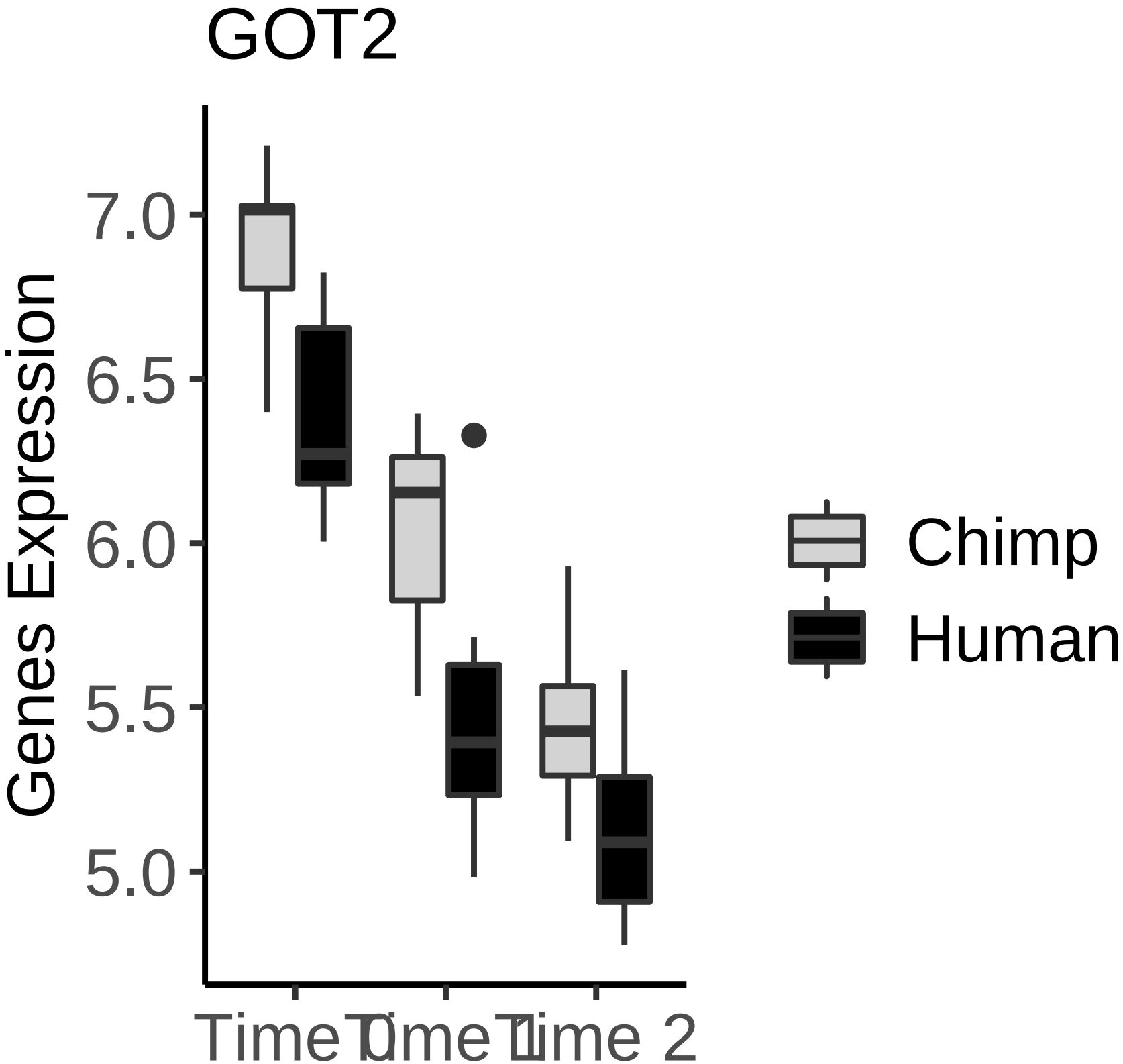
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5.0
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Time 2
Chimp
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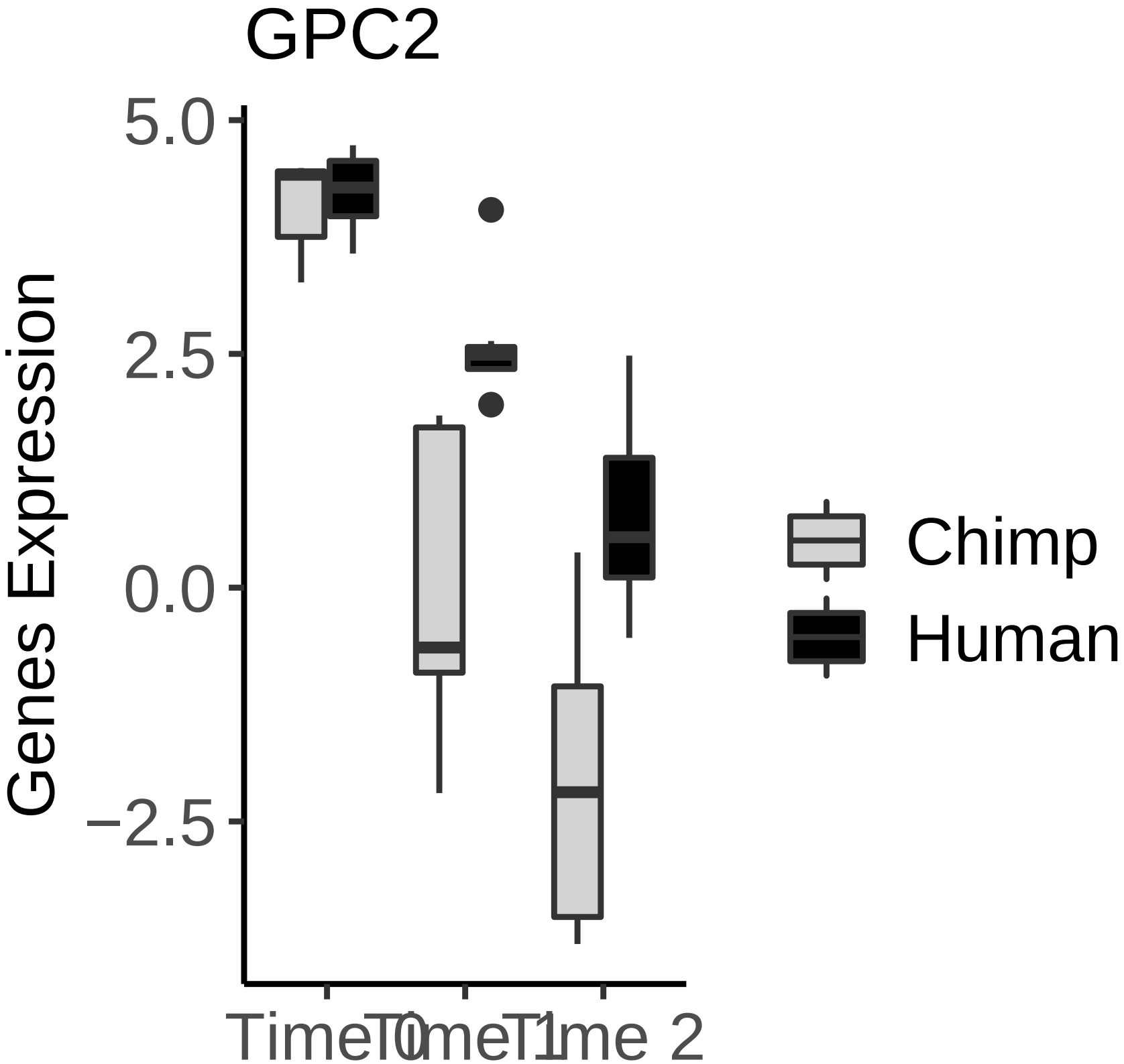
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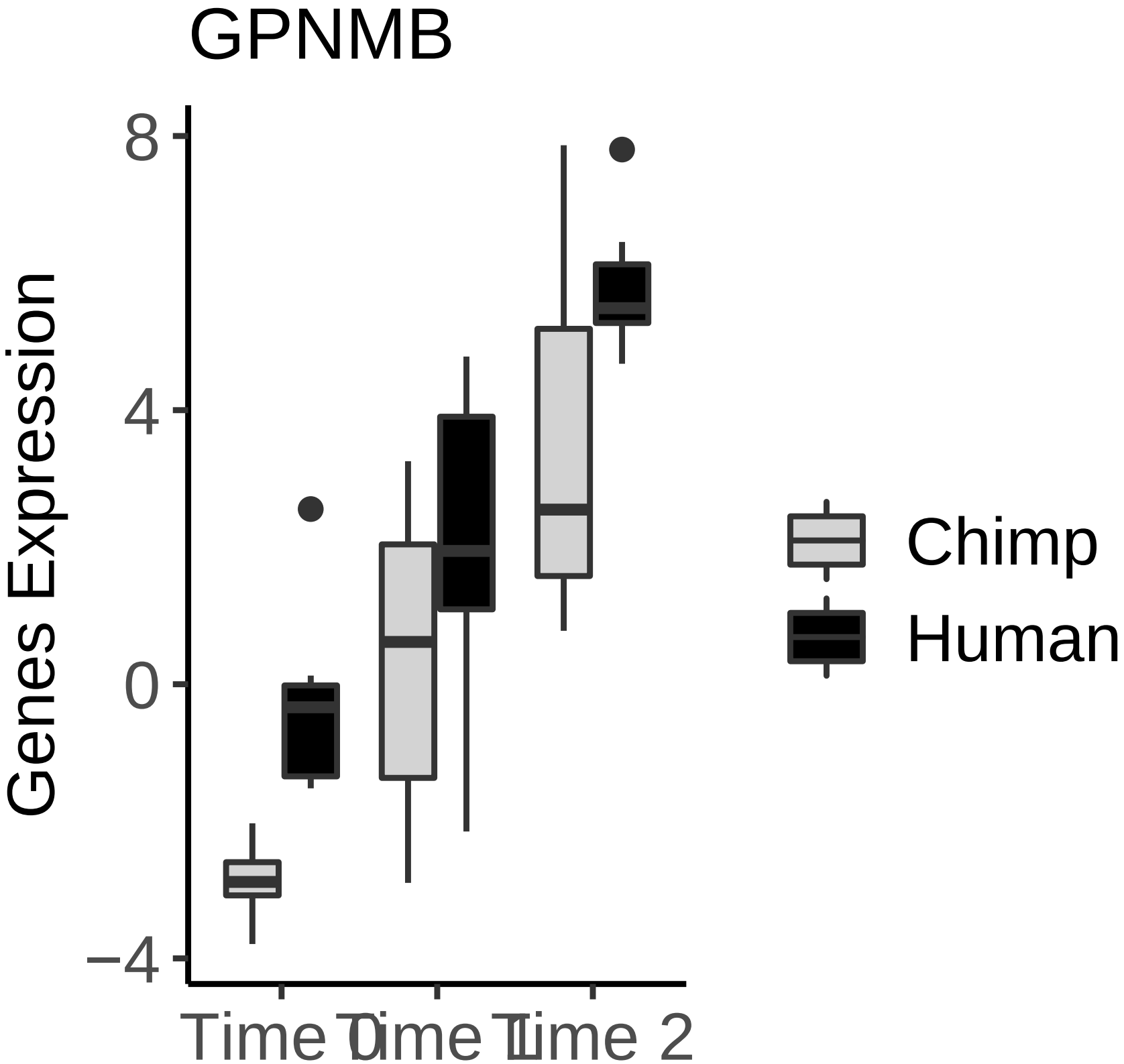
Time 1
Time 2
Chimp
Human


GPNMB
Genes Expression
8
4
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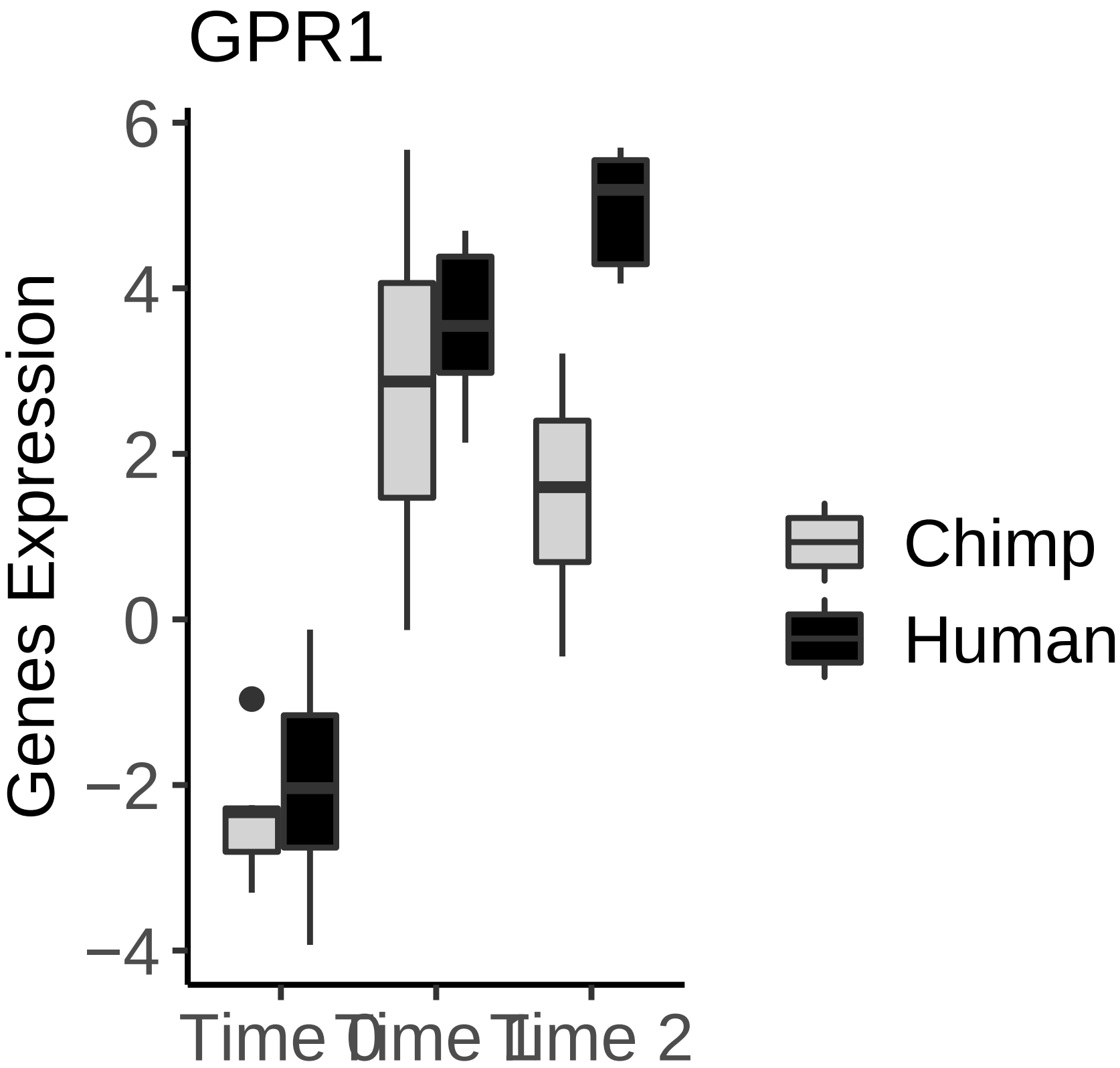
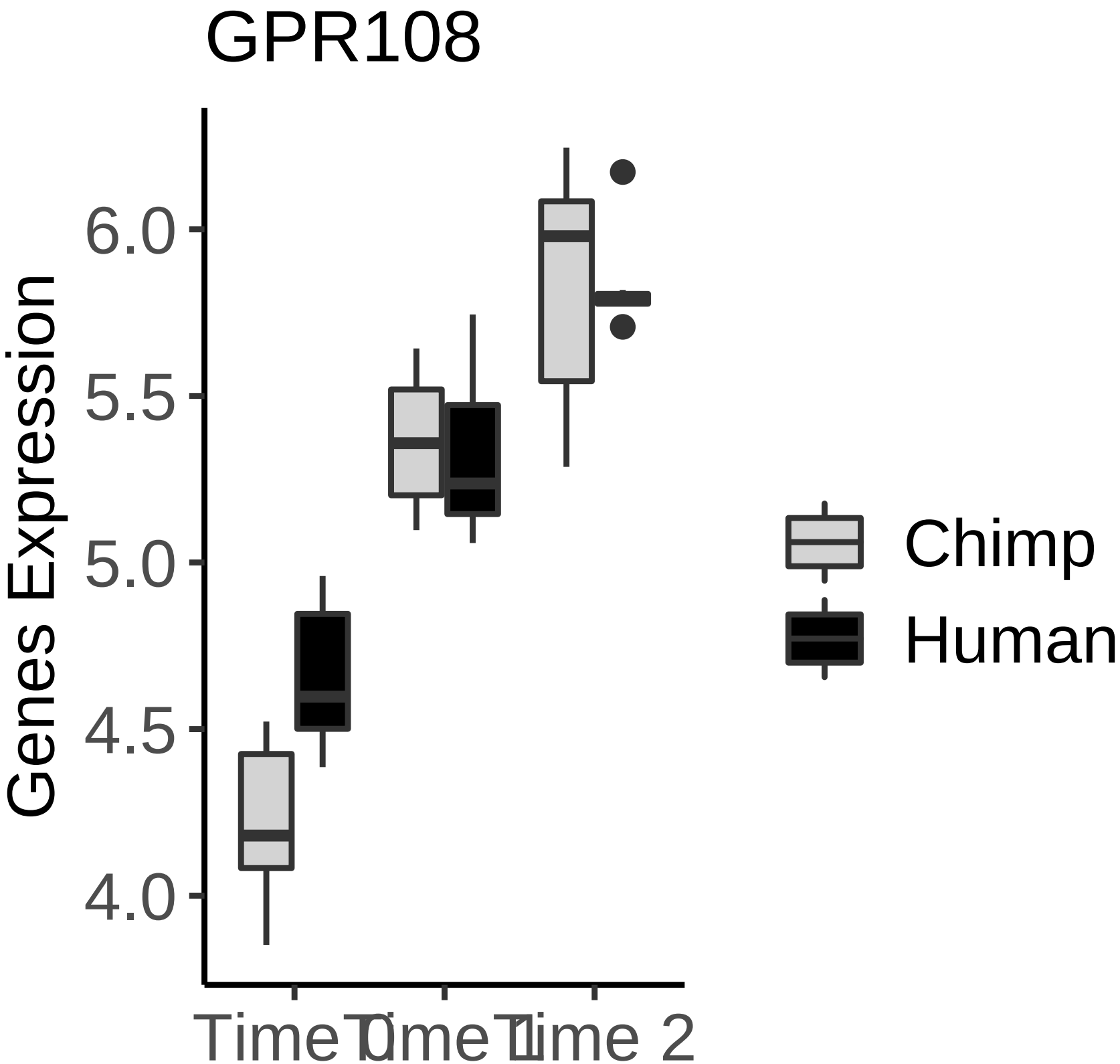
Time 0
Time 1
Time 2
Chimp
Human


GPR1
Genes Expression
6
4
2
0
−2
−4
Time 0
Time 1
Time 2
Chimp
Human


GPR108
Genes Expression
6.0
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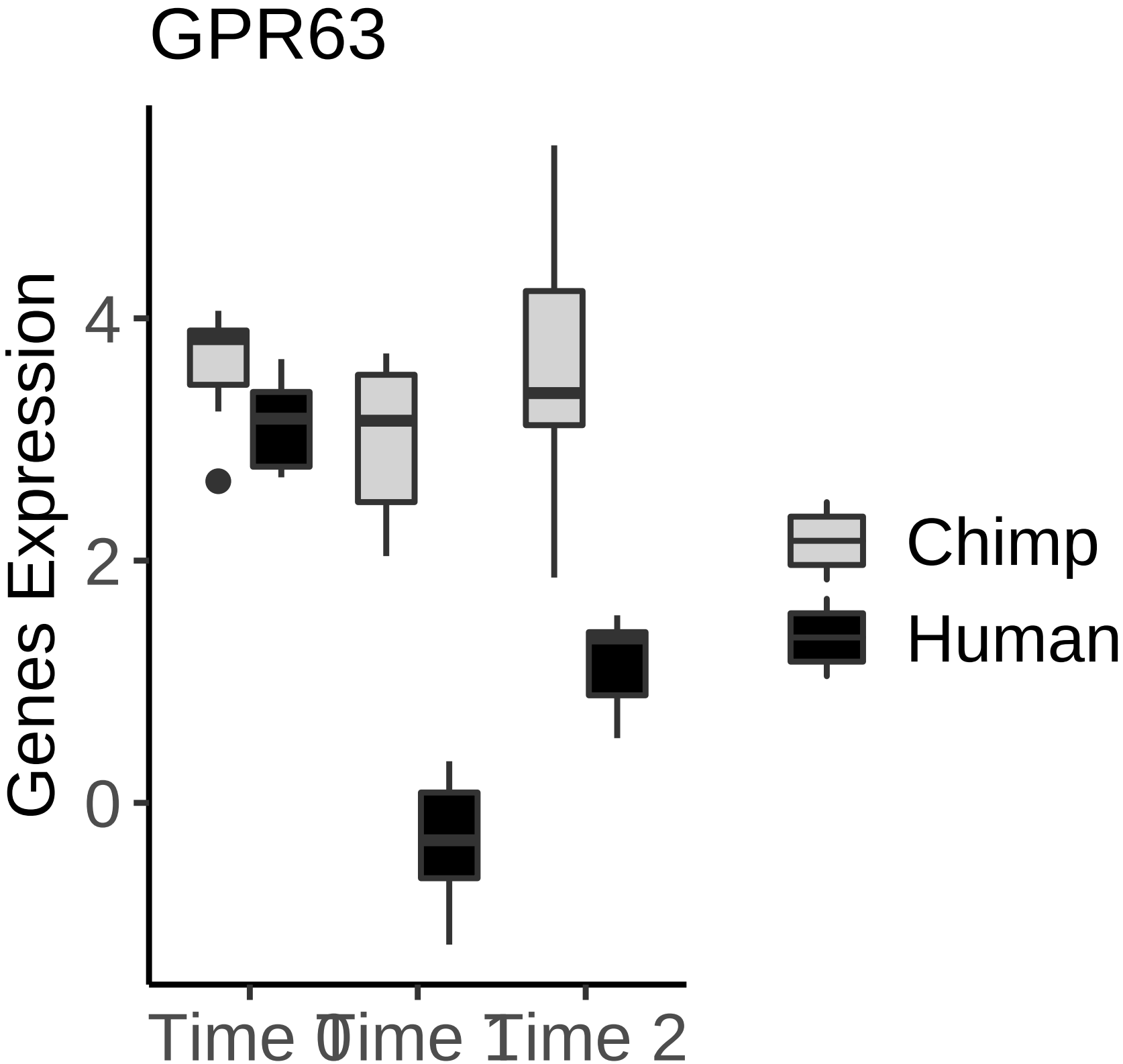
5.0
4.5
4.0
Time 0
Time 1
Time 2
Chimp
Human


GPR63
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2
0
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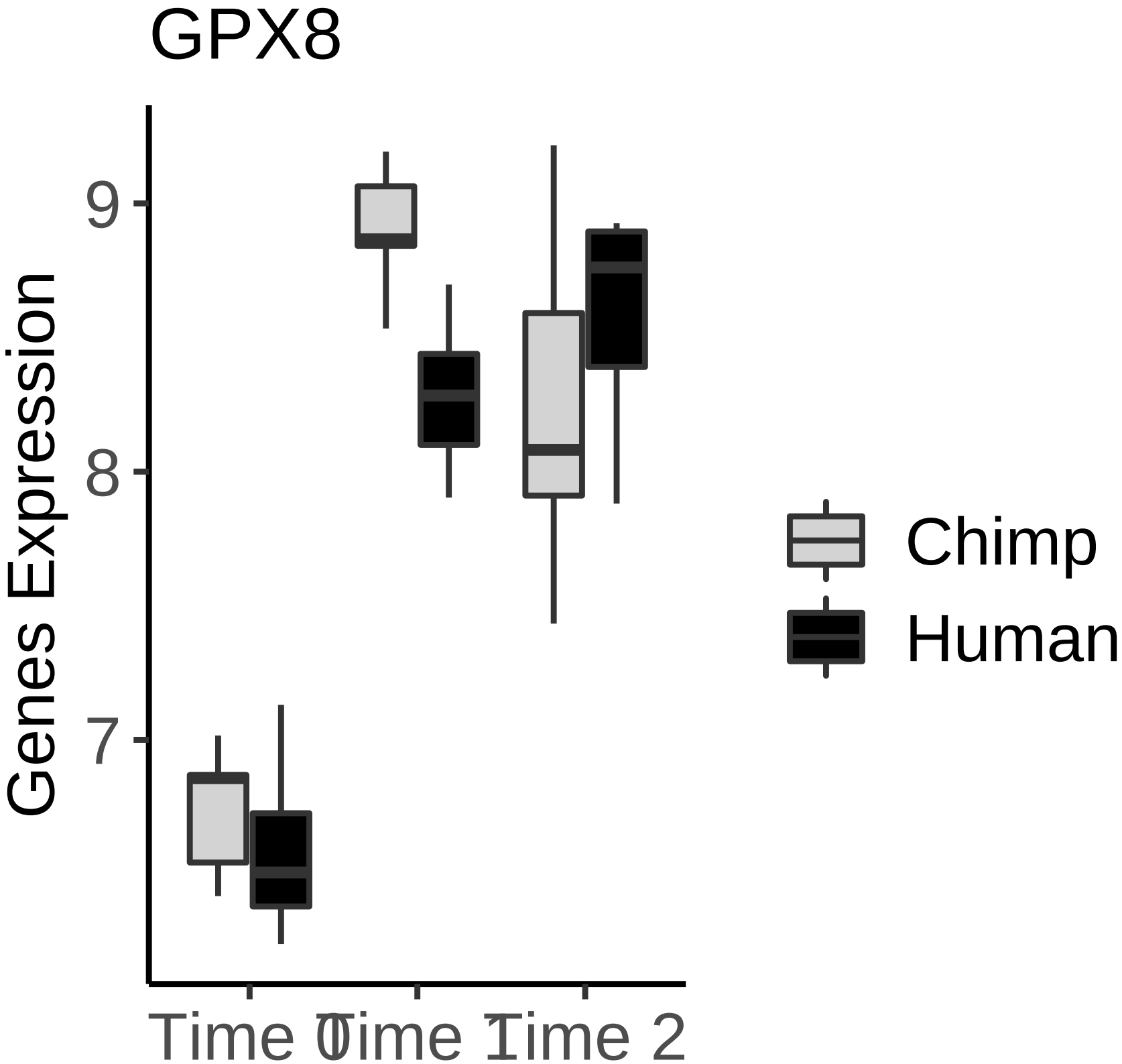
GPX8
Genes Expression
9
8
7
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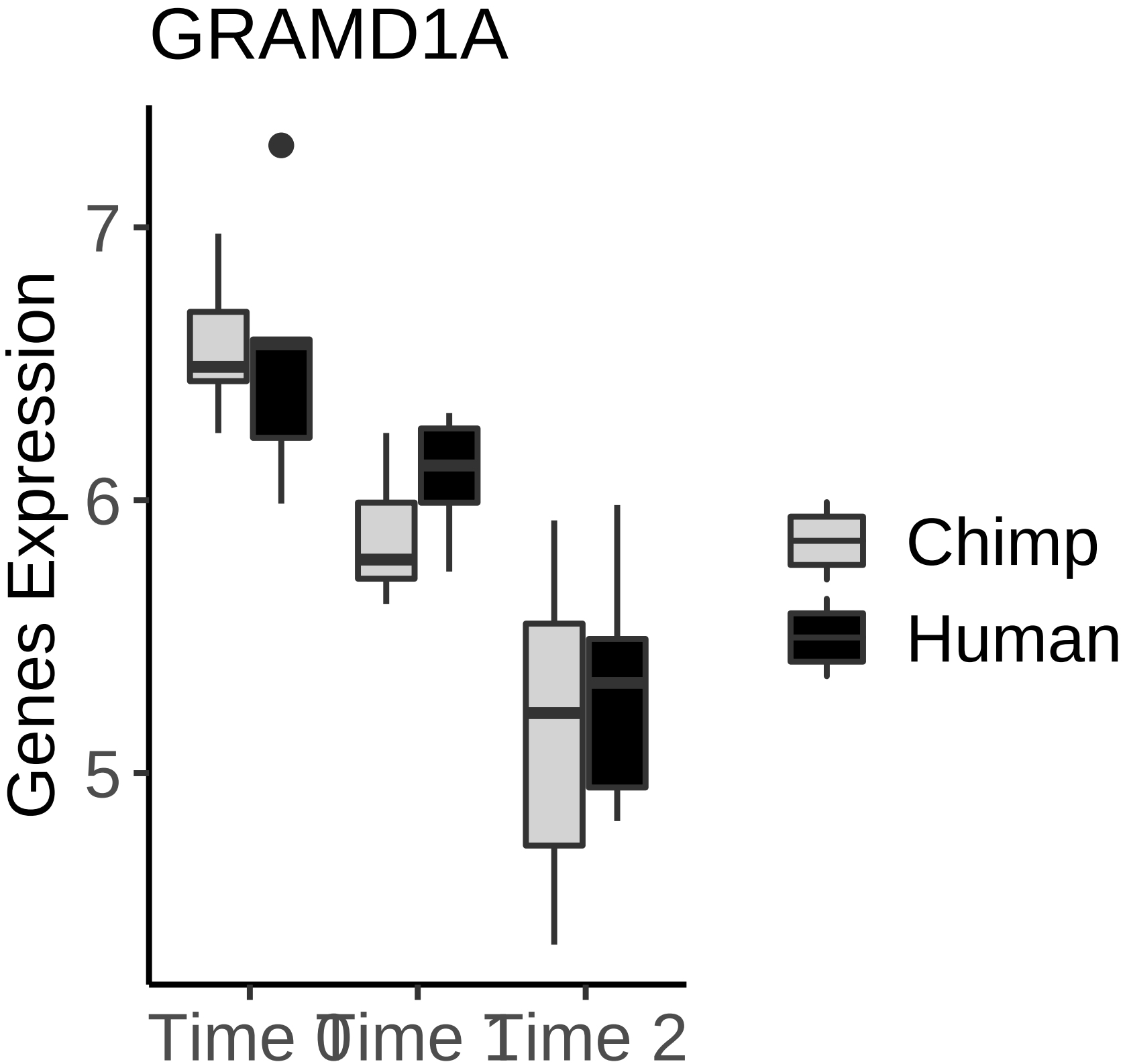
Time 1
Time 2
Chimp
Human


GRAMD1A
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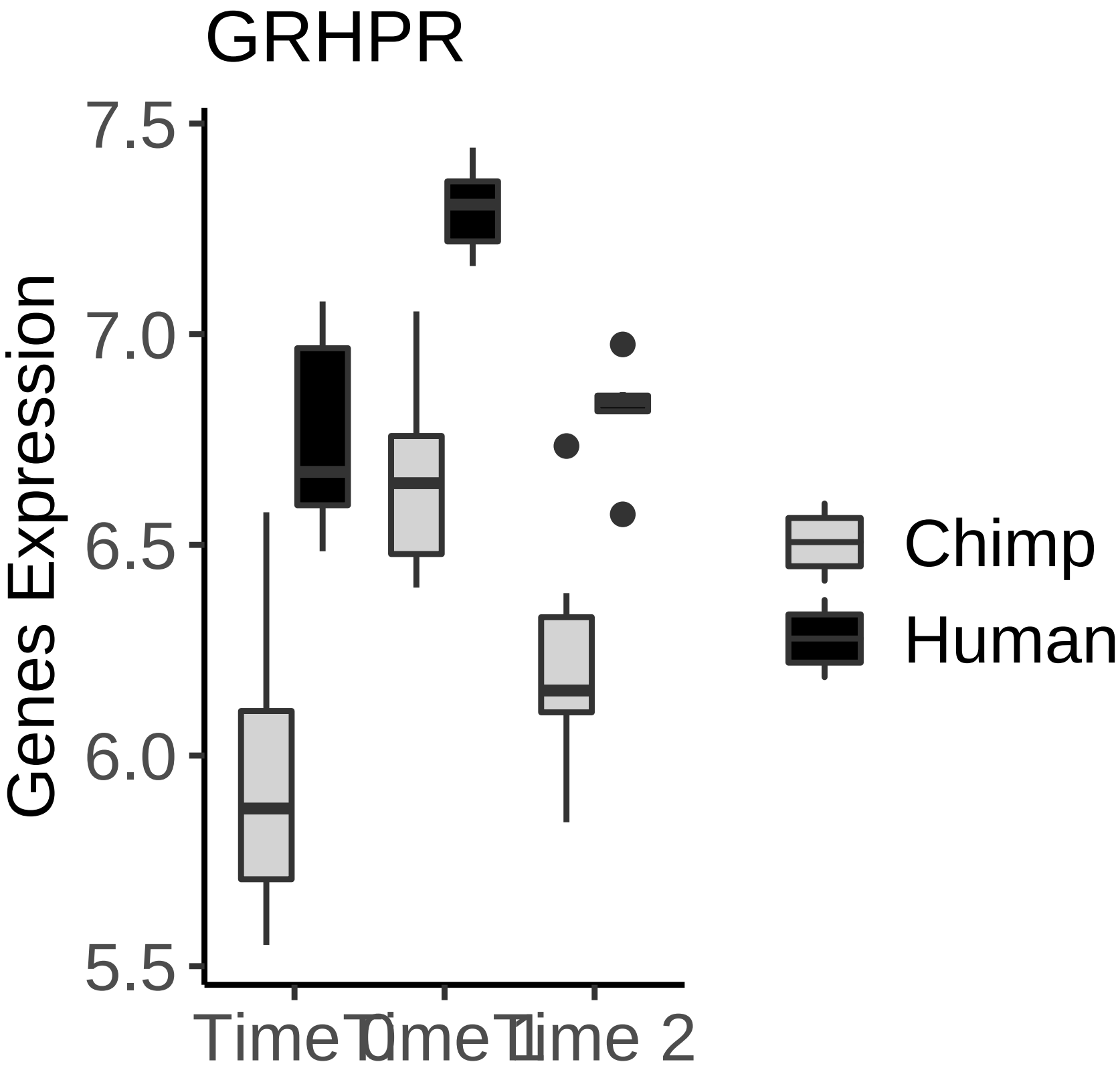
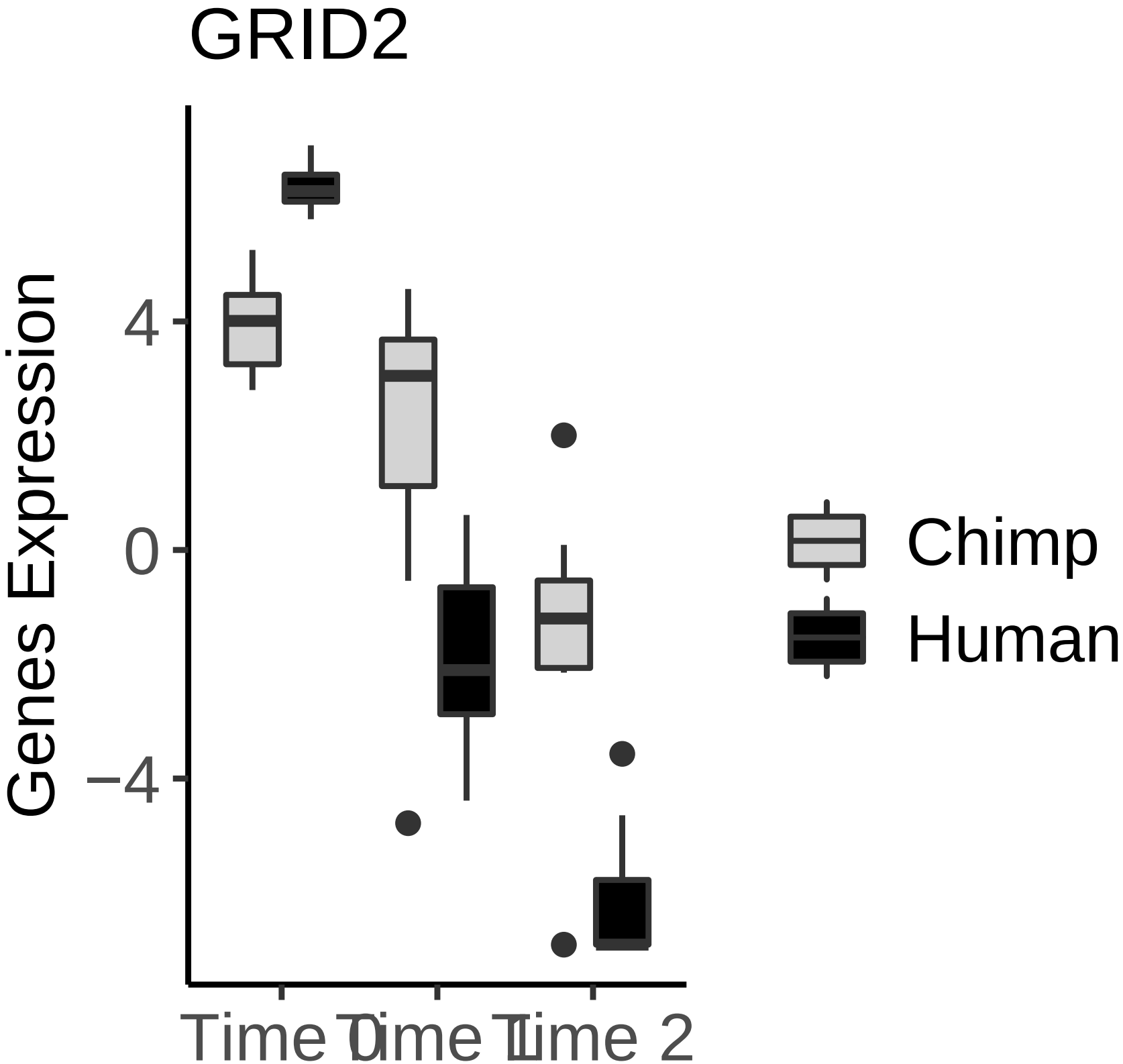
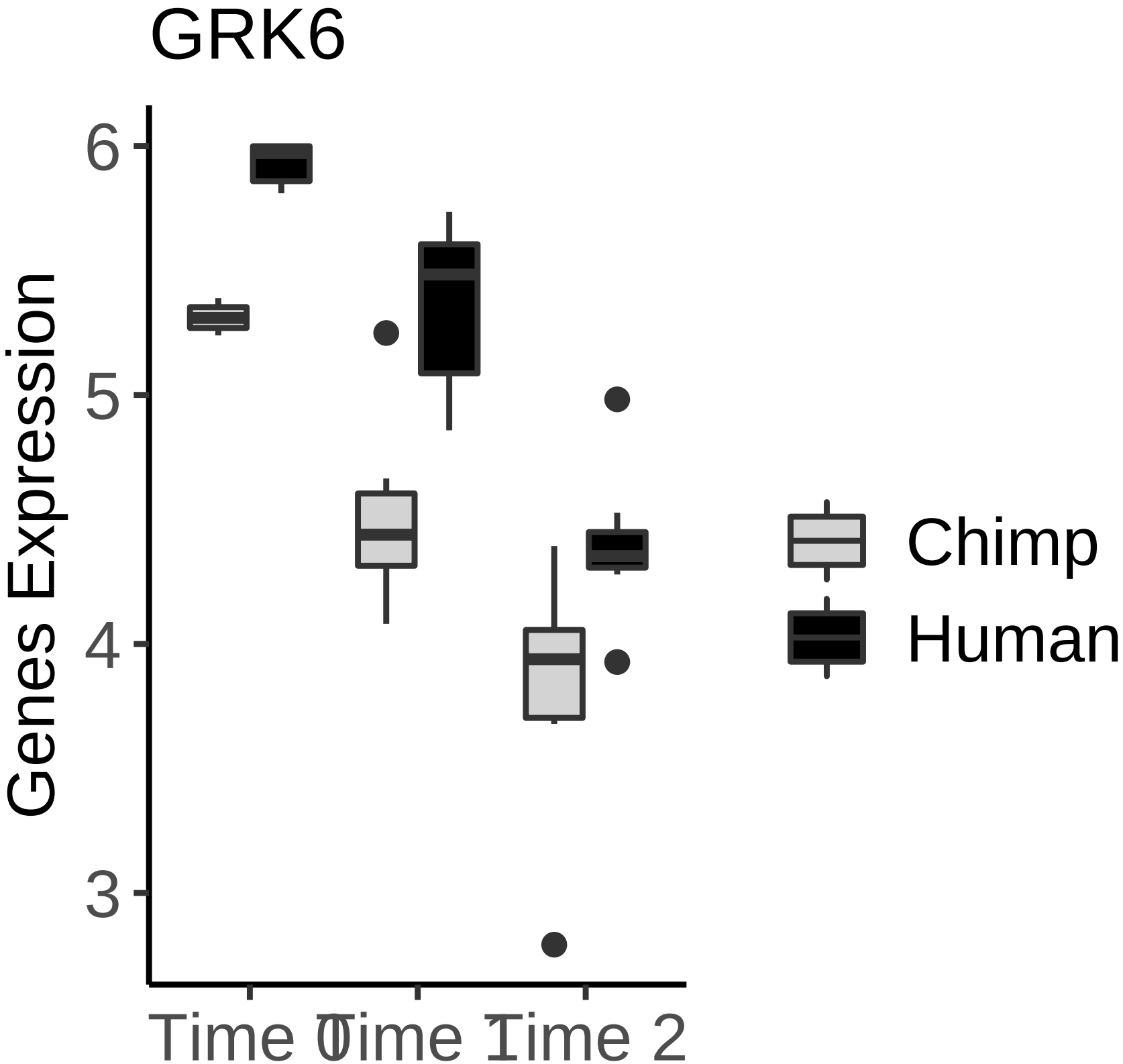
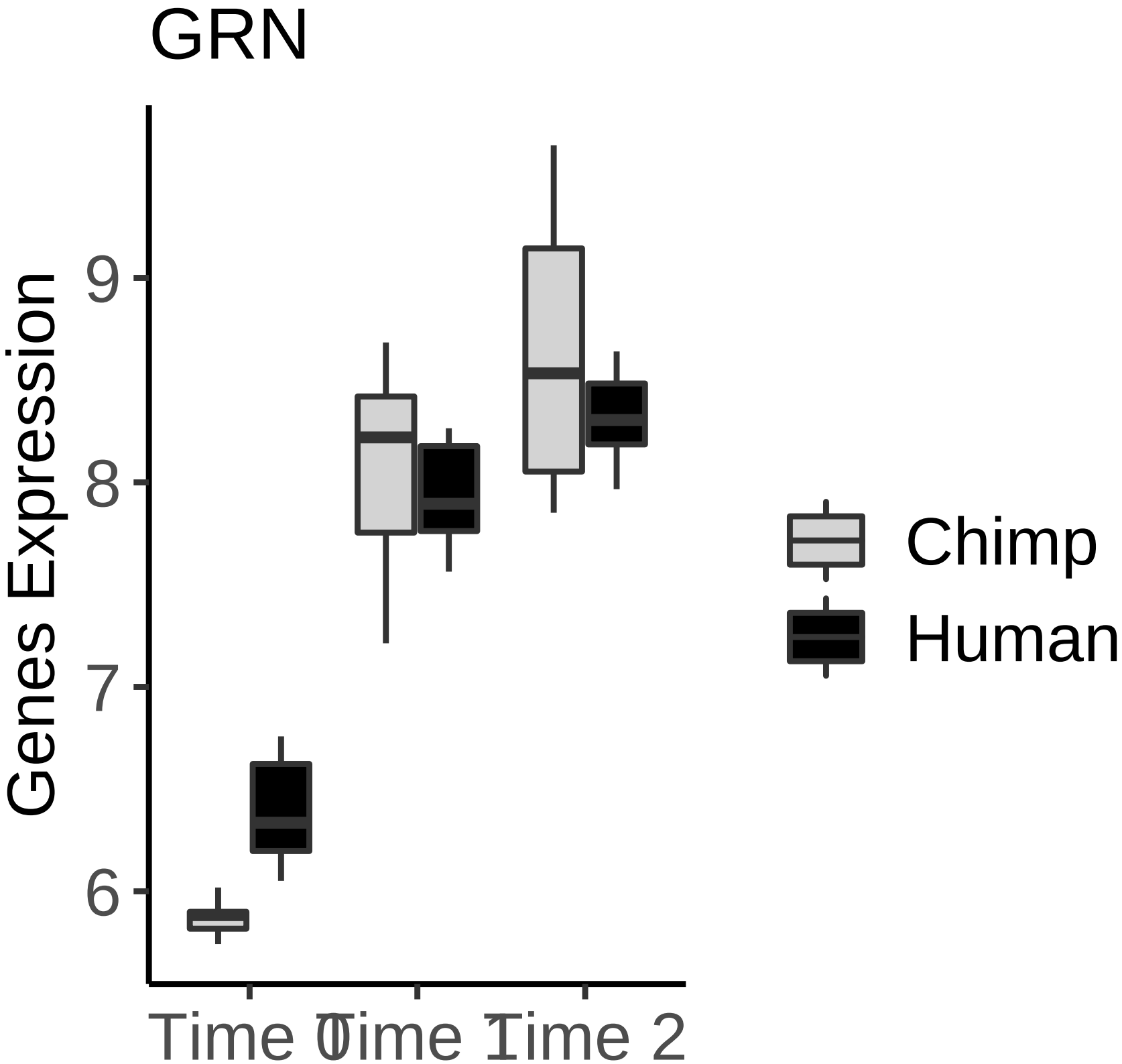
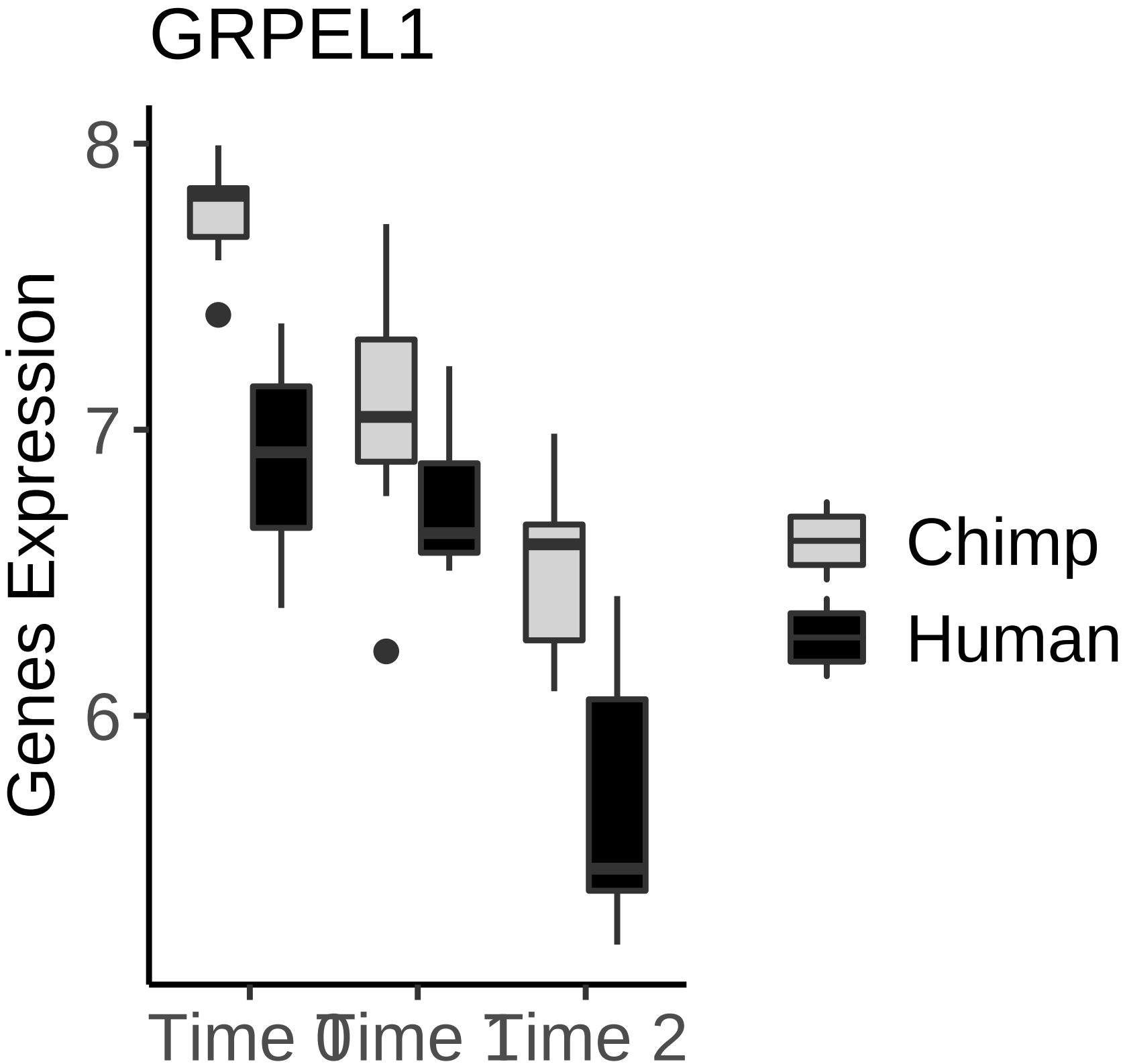
7
6
5
Time 0
Time 1
Time 2
Chimp
Human

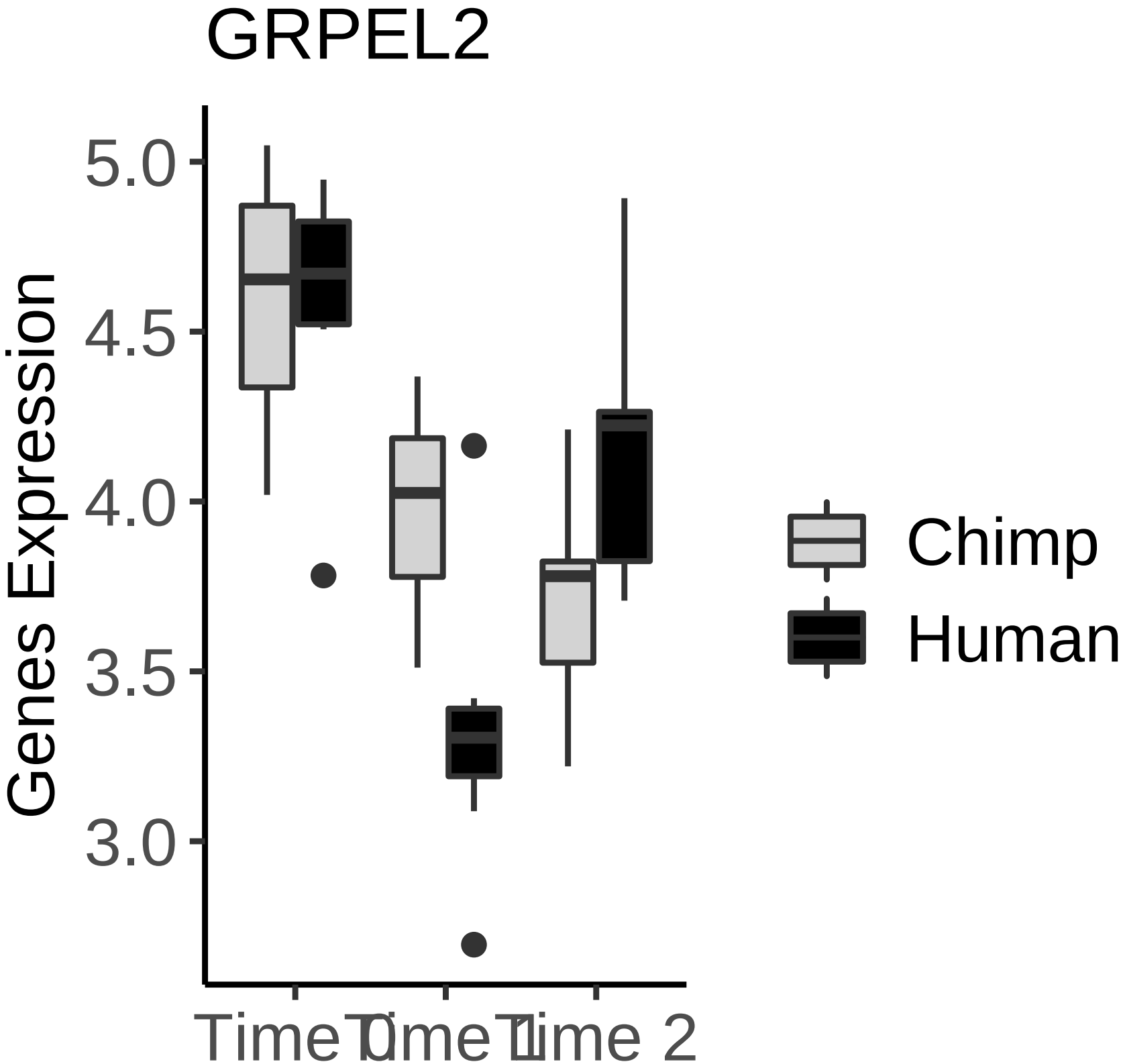

GRHPR
Genes Expression
7.5
7.0
6.5
6.0
5.5
Time 0
Time 1
Time 2
Chimp
Human

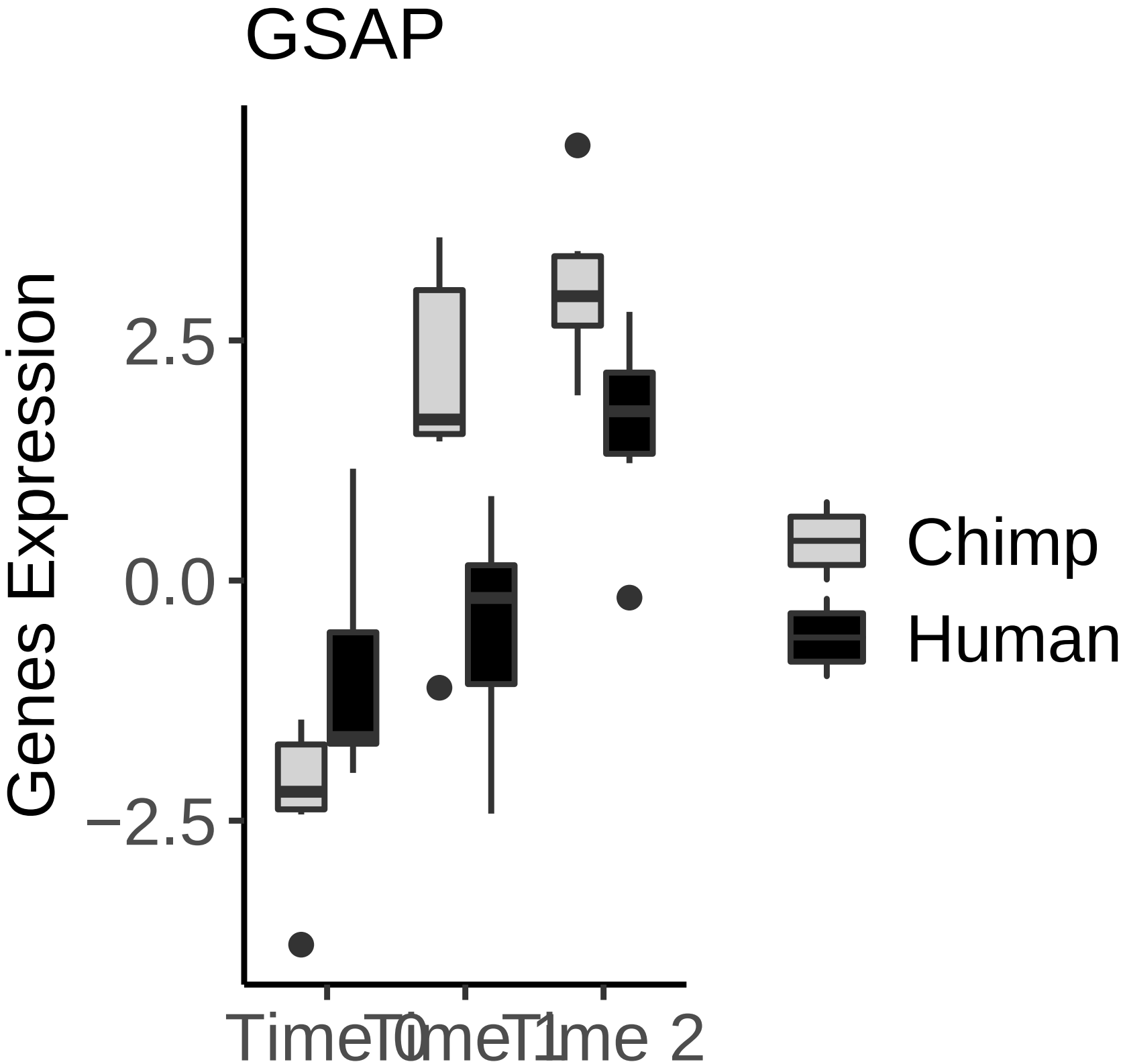

GRID2
Genes Expression
4
0
−4
Time 0
Time 1
Time 2
Chimp
Human

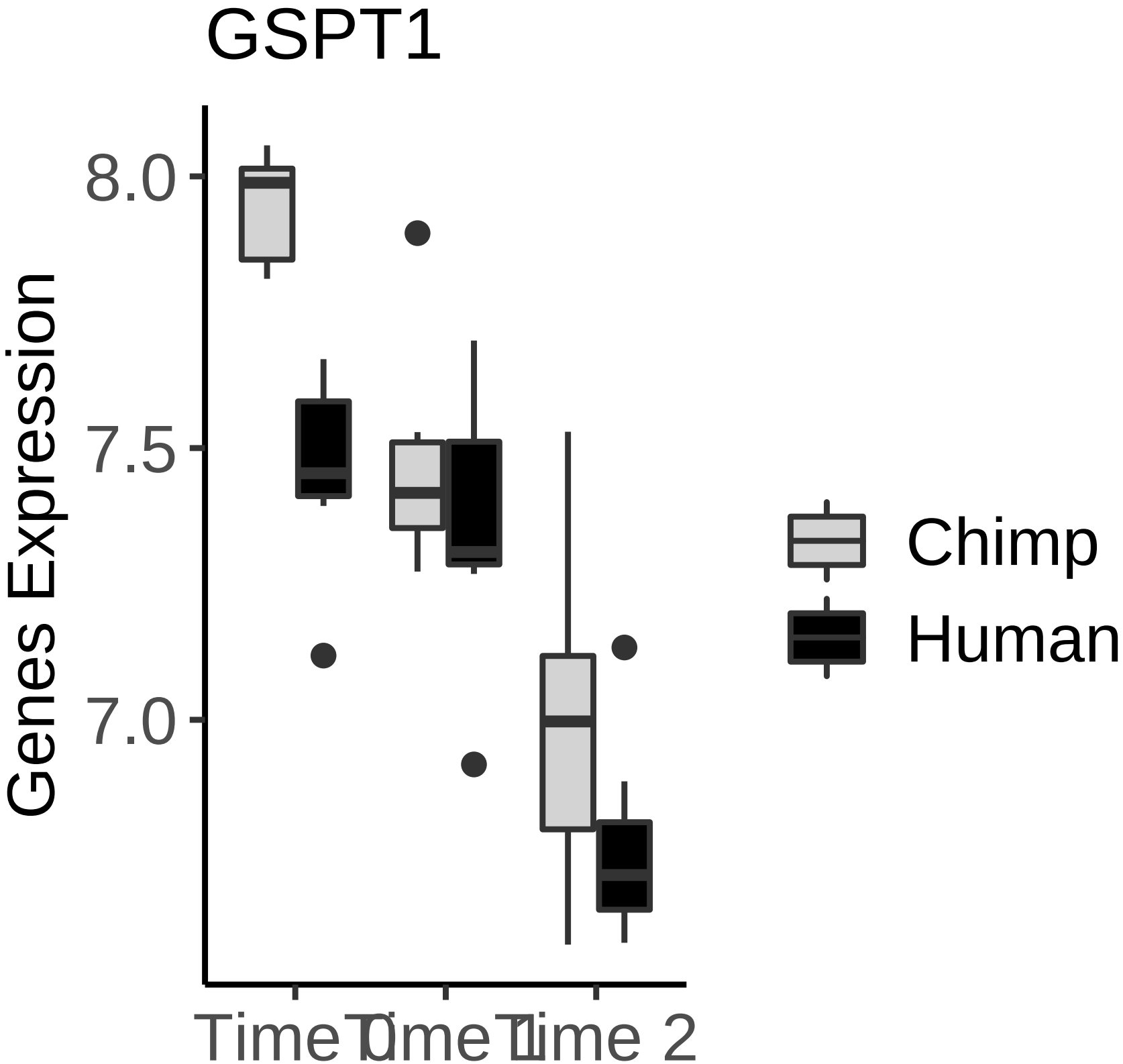

GRK6
Genes Expression
6
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


GRN
Genes Expression
9
8
7
6
Time 0
Time 1
Time 2
Chimp
Human


GRPEL1
Genes Expression
8
7
6
Time 0
Time 1
Time 2
Chimp
Human


GRPEL2
Genes Expression
5.0
4.5
4.0
3.5
3.0
Time 0
Time 1
Time 2
Chimp
Human


GSAP
Genes Expression
2.5
0.0
−2.5
Time 0
Time 1
Time 2
Chimp
Human


GSPT1
Genes Expression
8.0
7.5
7.0
Time 0
Time 1
Time 2
Chimp
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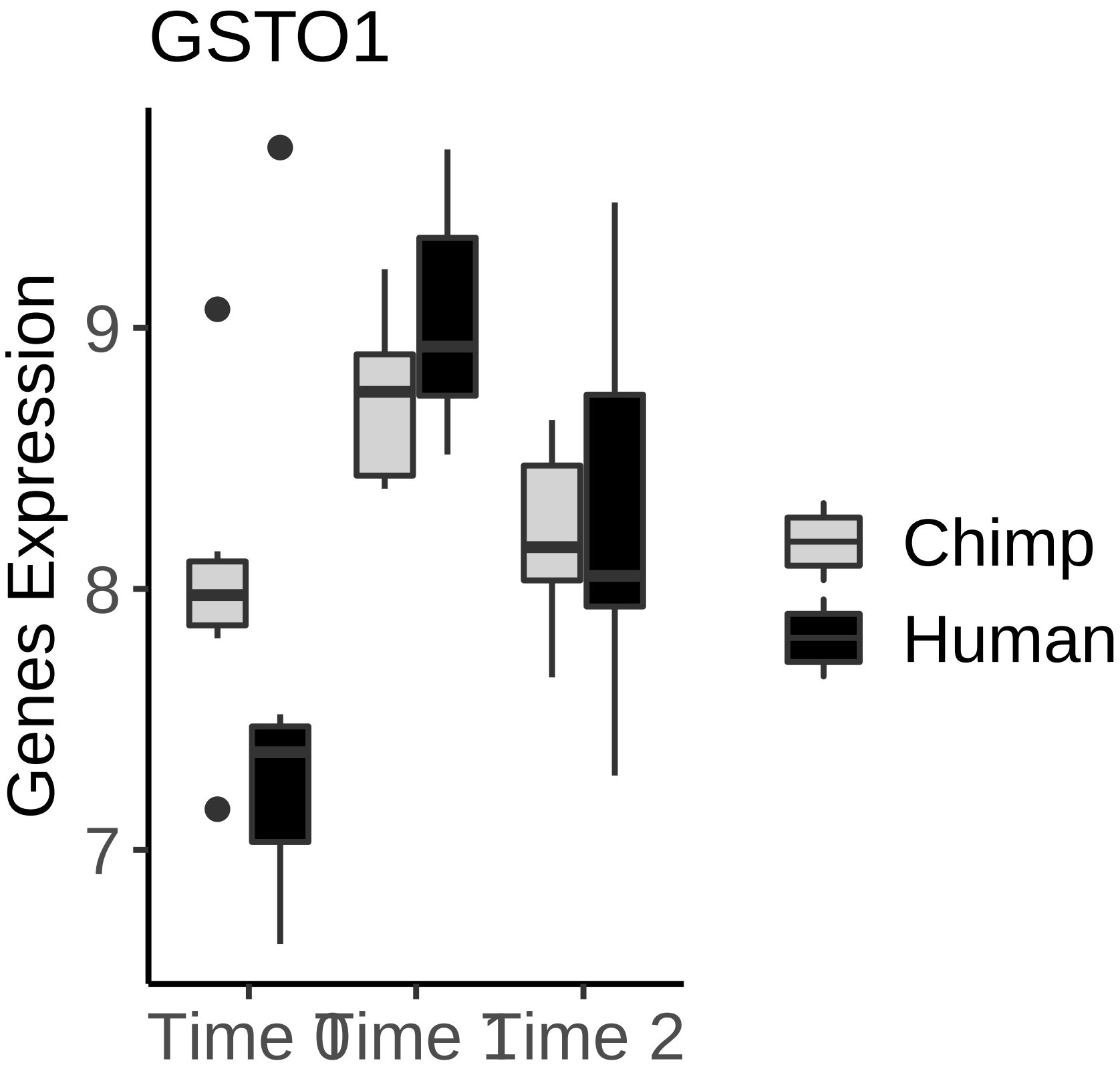
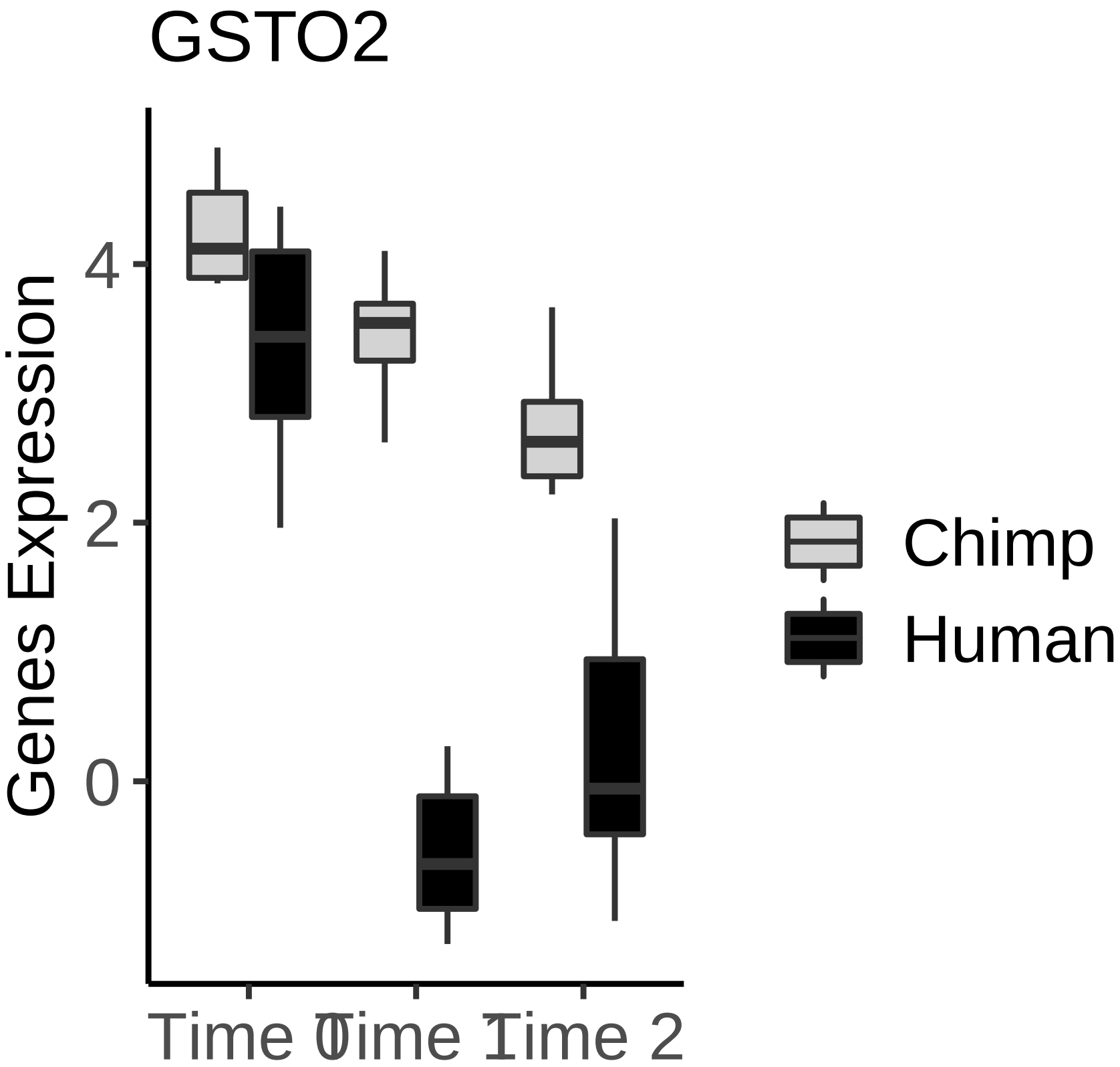

GSTO1
Genes Expression
9
8
7
Time 0
Time 1
Time 2
Chimp
Human


GSTO2
Genes Expression
4
2
0
Time 0
Time 1
Time 2
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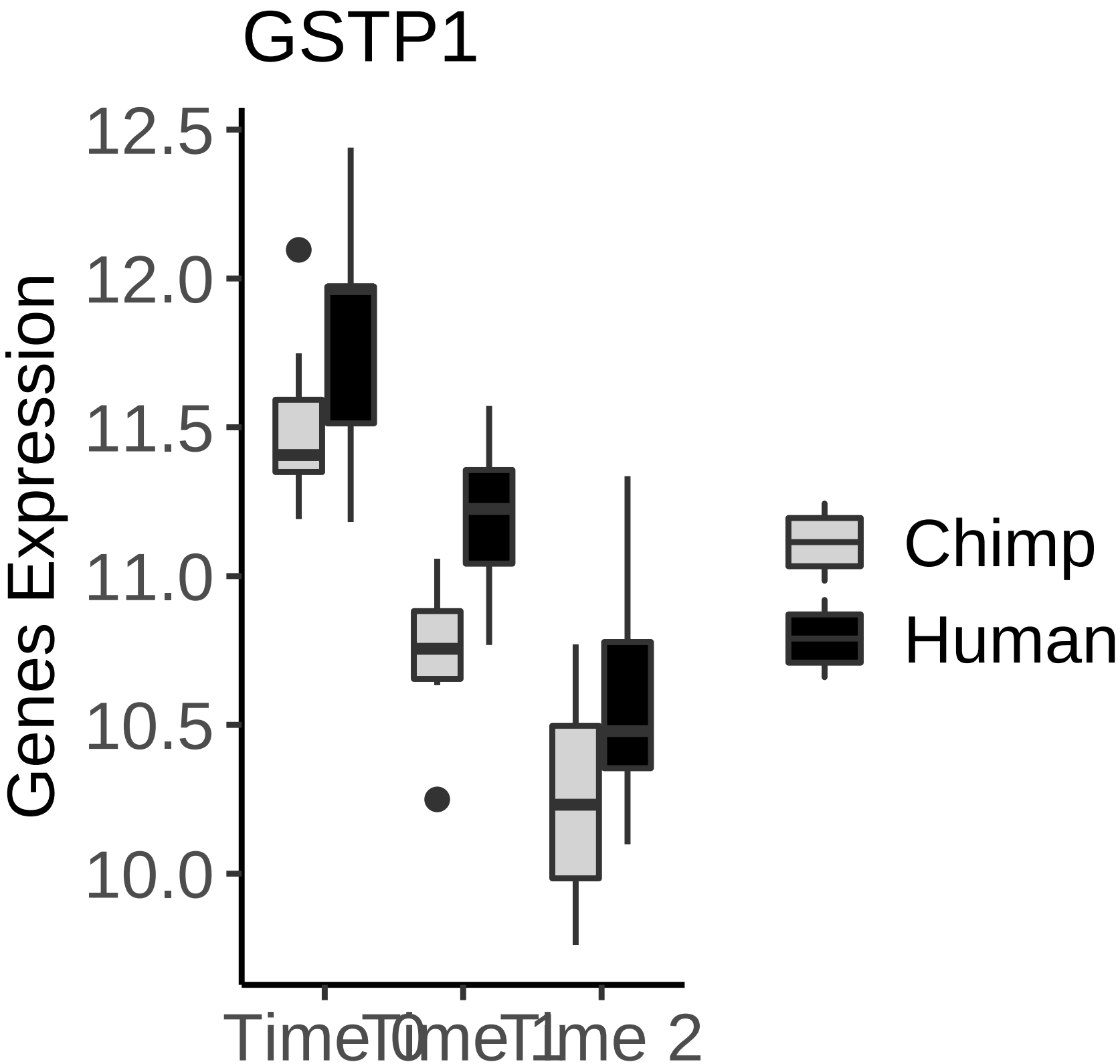
GSTP1
Genes Expression
12.5
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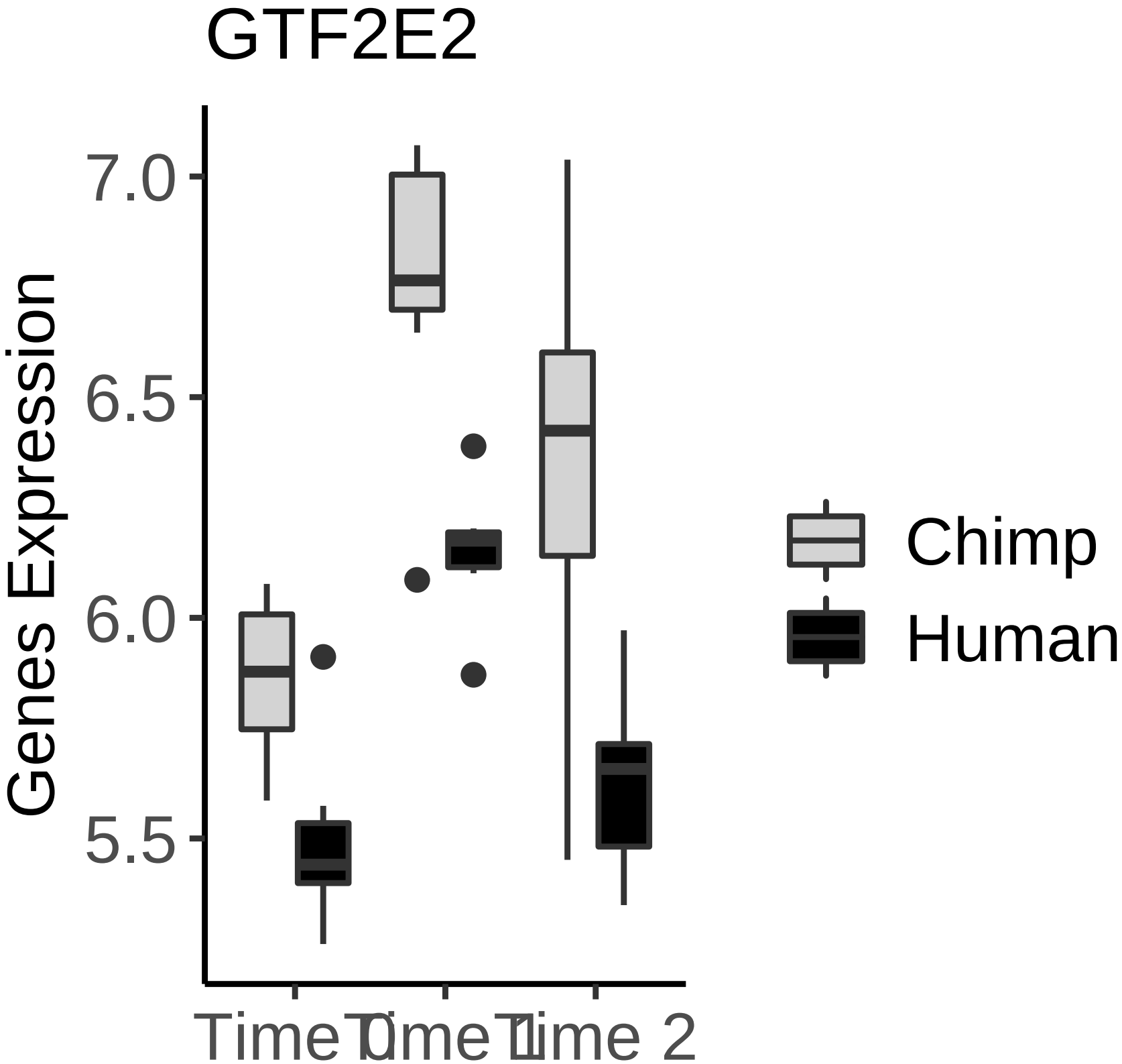
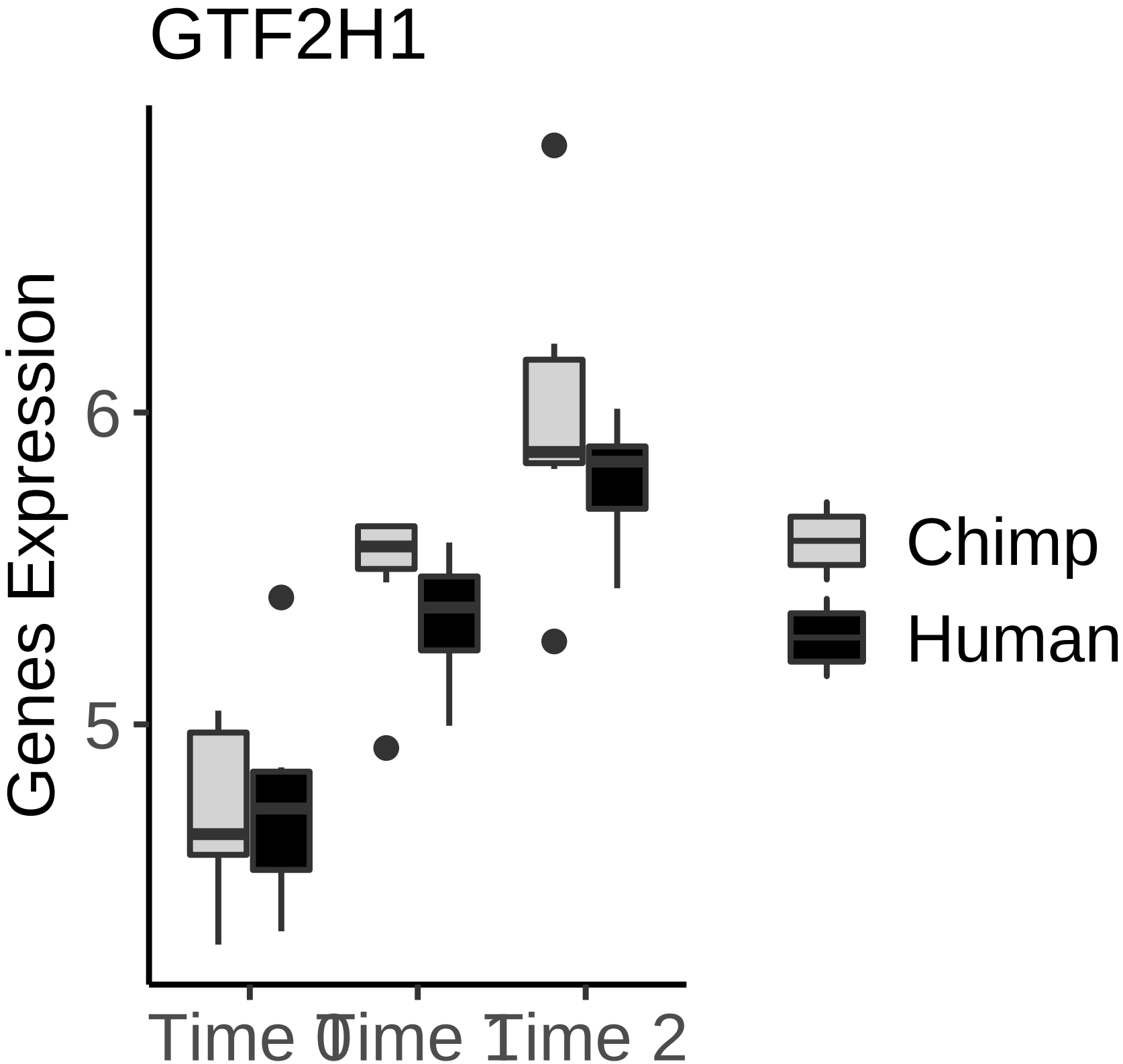
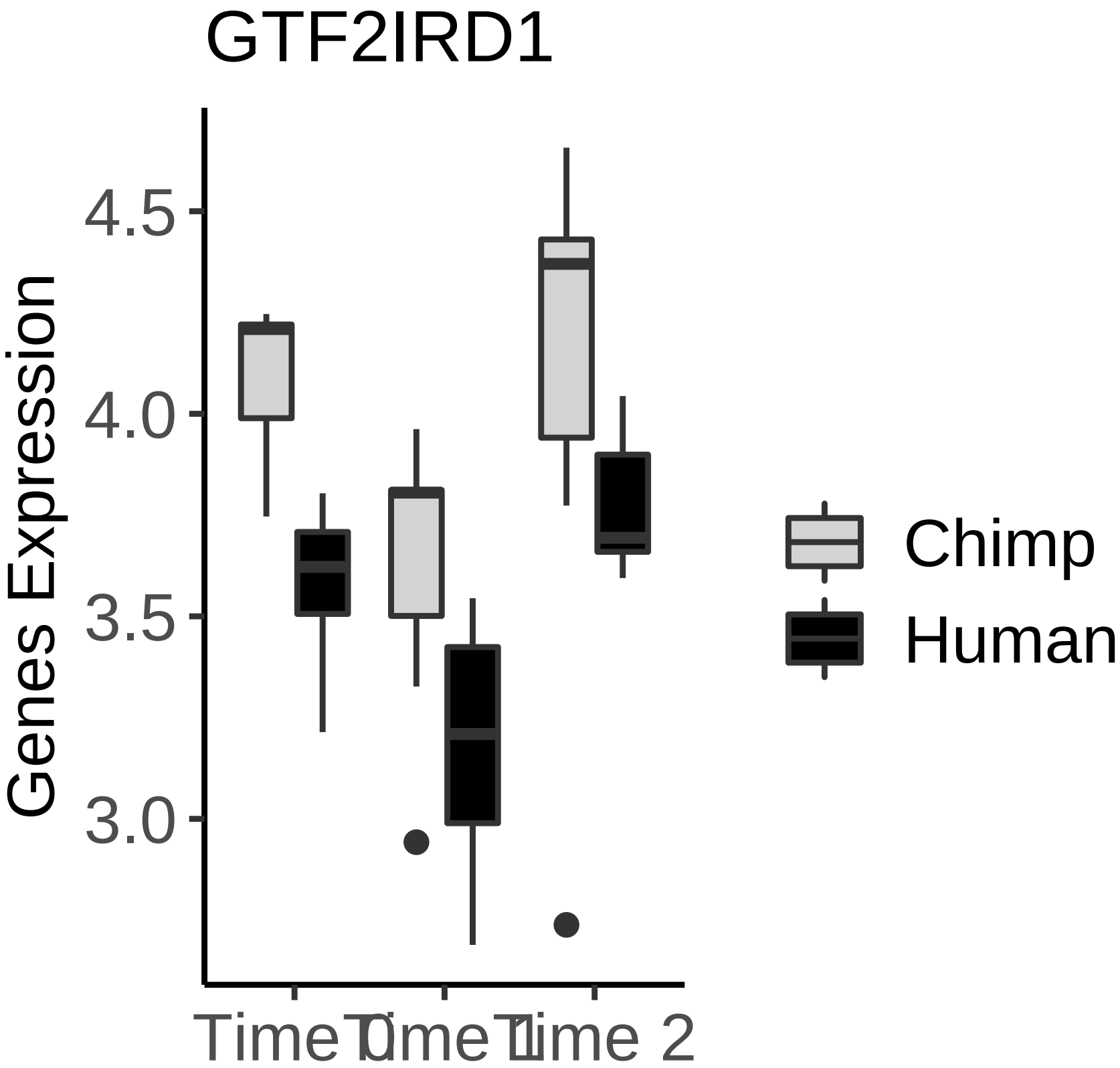
11.5
11.0
10.5
10.0
Time 0
Time 1
Time 2
Chimp
Human


GTF2E2
Genes Expression
7.0
6.5
6.0
5.5
Time 0
Time 1
Time 2
Chimp
Human


GTF2H1
Genes Expression
6
5
Time 0
Time 1
Time 2
Chimp
Human


GTF2IRD1
Genes Expression
4.5
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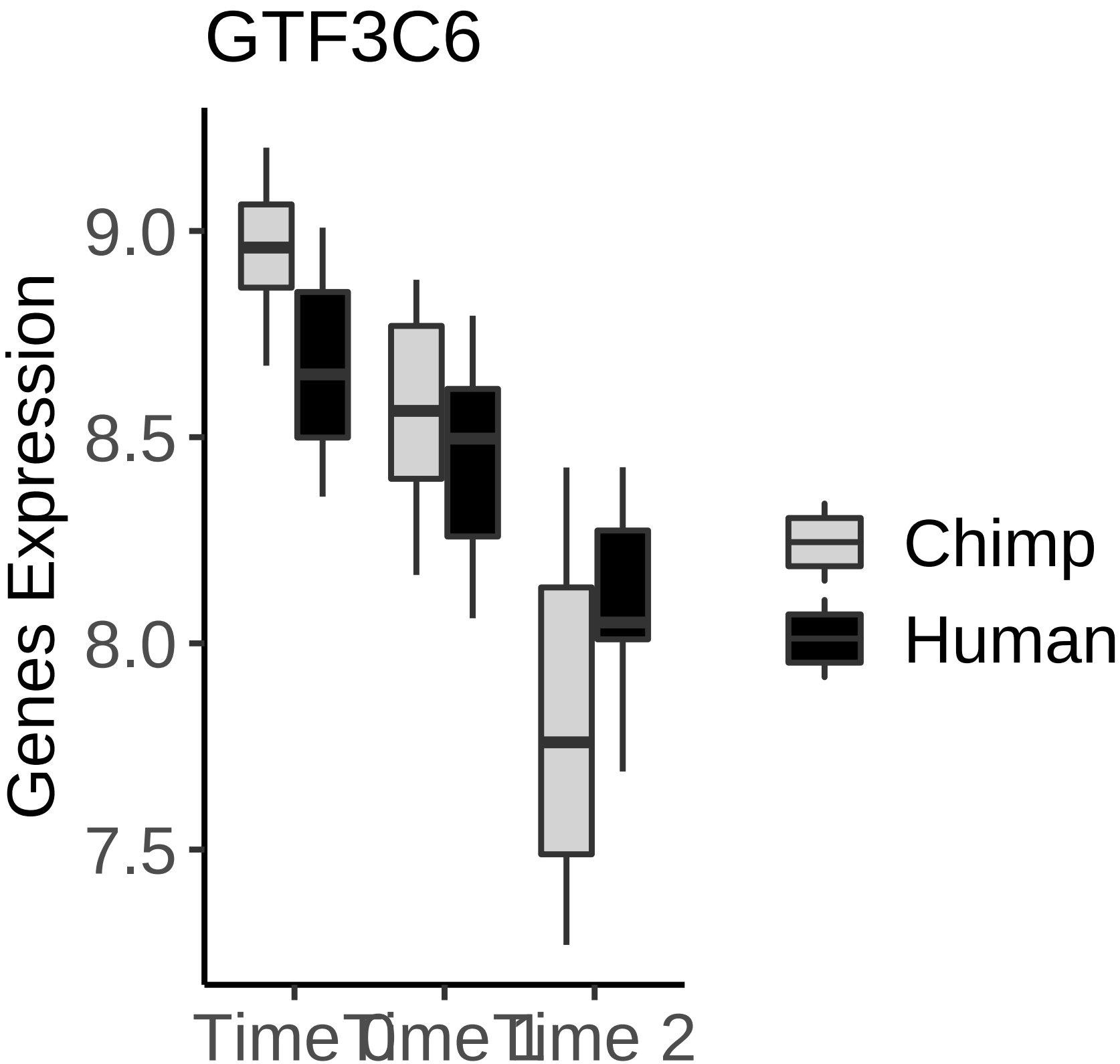
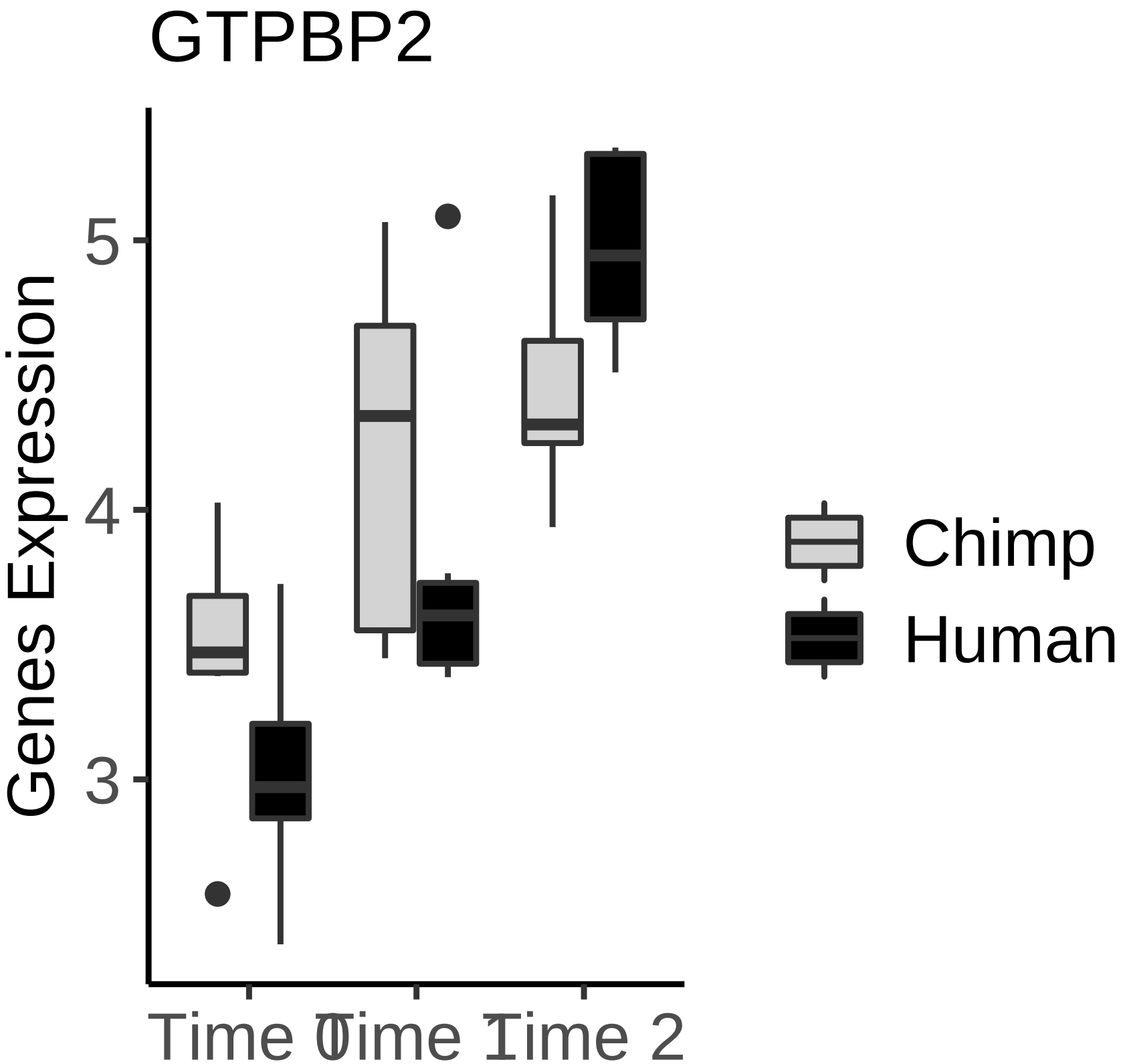
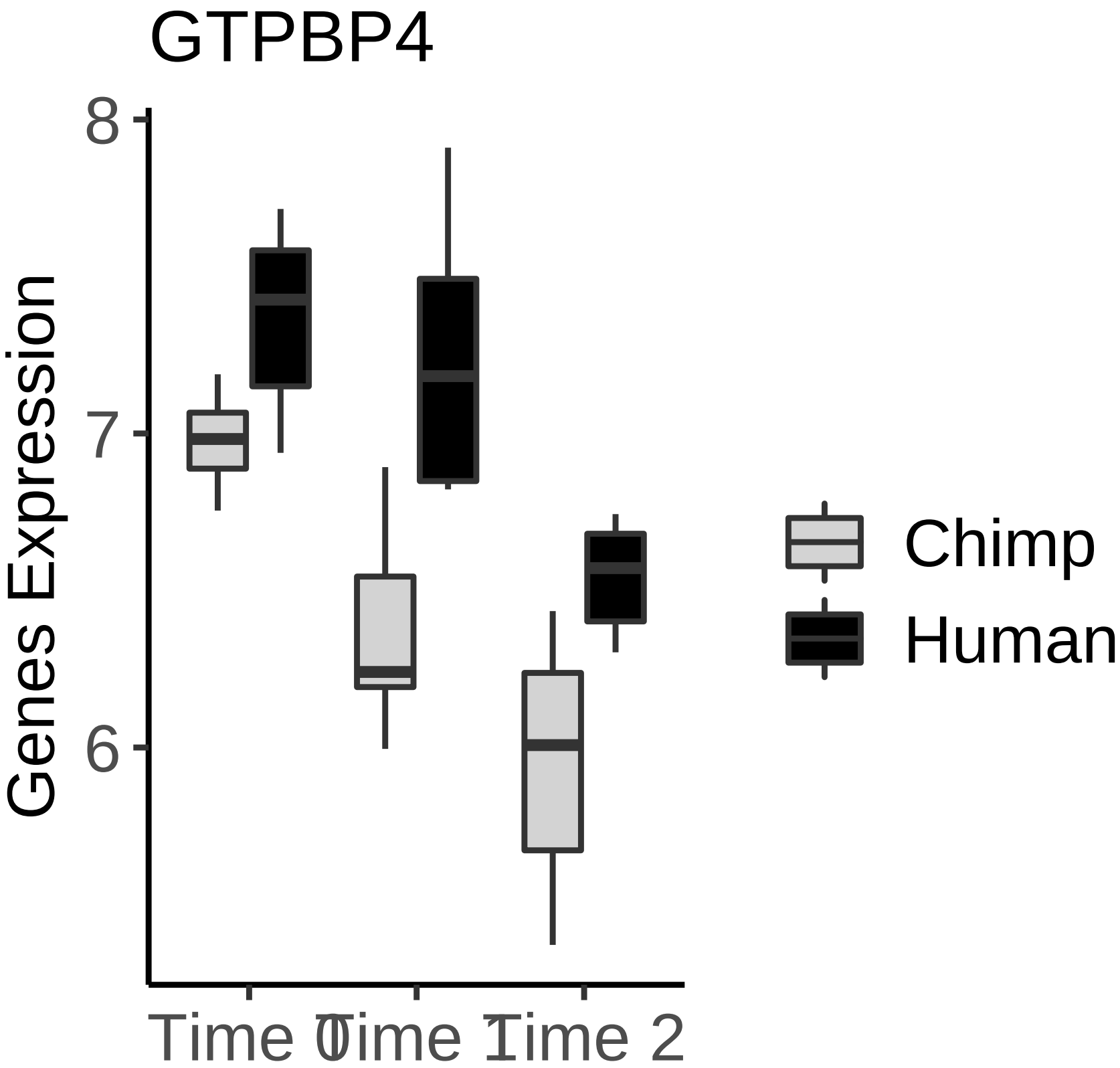
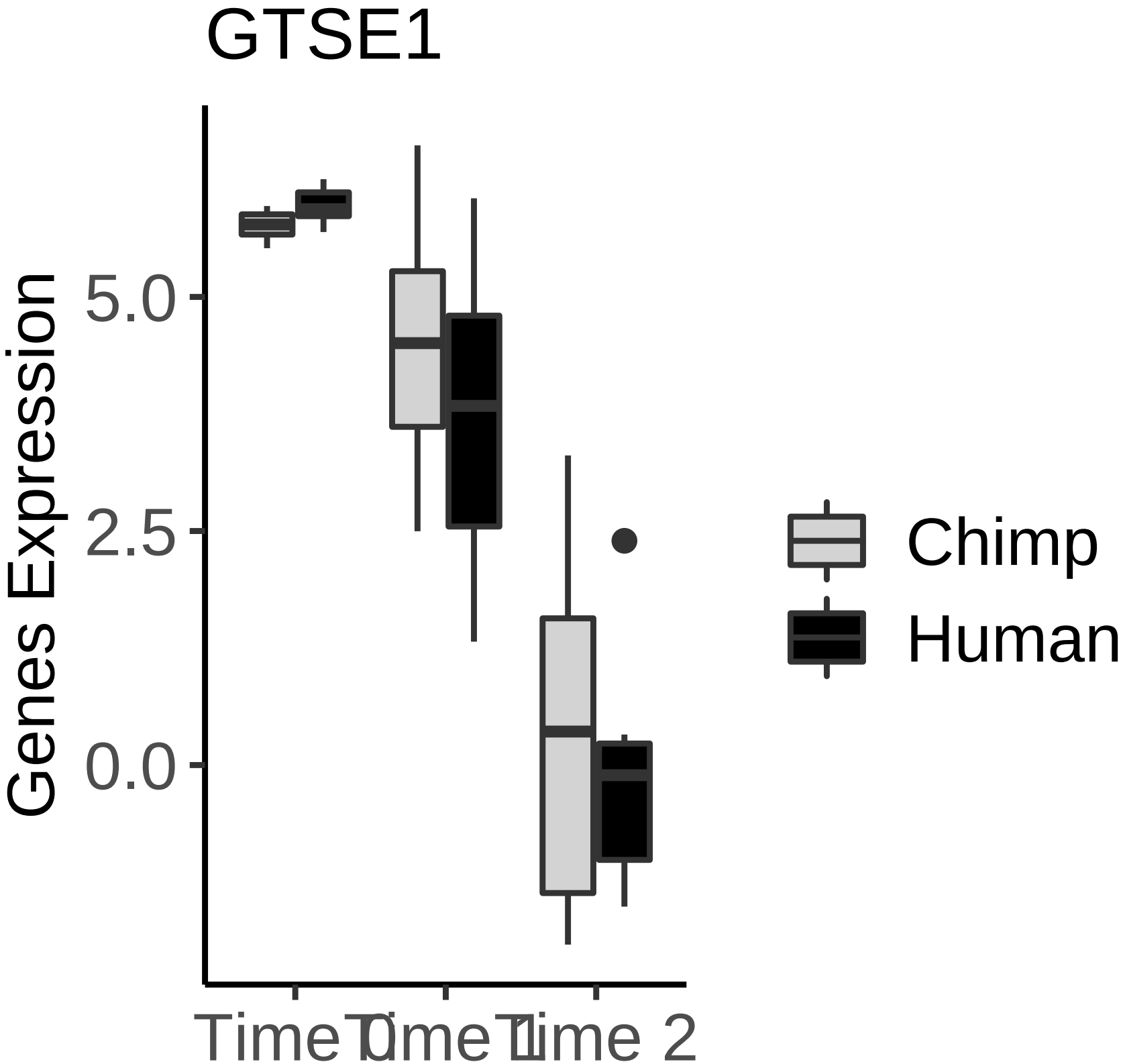
3.5
3.0
Time 0
Time 1
Time 2
Chimp
Human


GTF3C6
Genes Expression
9.0
8.5
8.0
7.5
Time 0
Time 1
Time 2
Chimp
Human


GTPBP2
Genes Expression
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


GTPBP4
Genes Expression
8
7
6
Time 0
Time 1
Time 2
Chimp
Human


GTSE1
Genes Expression
5.0
2.5
0.0
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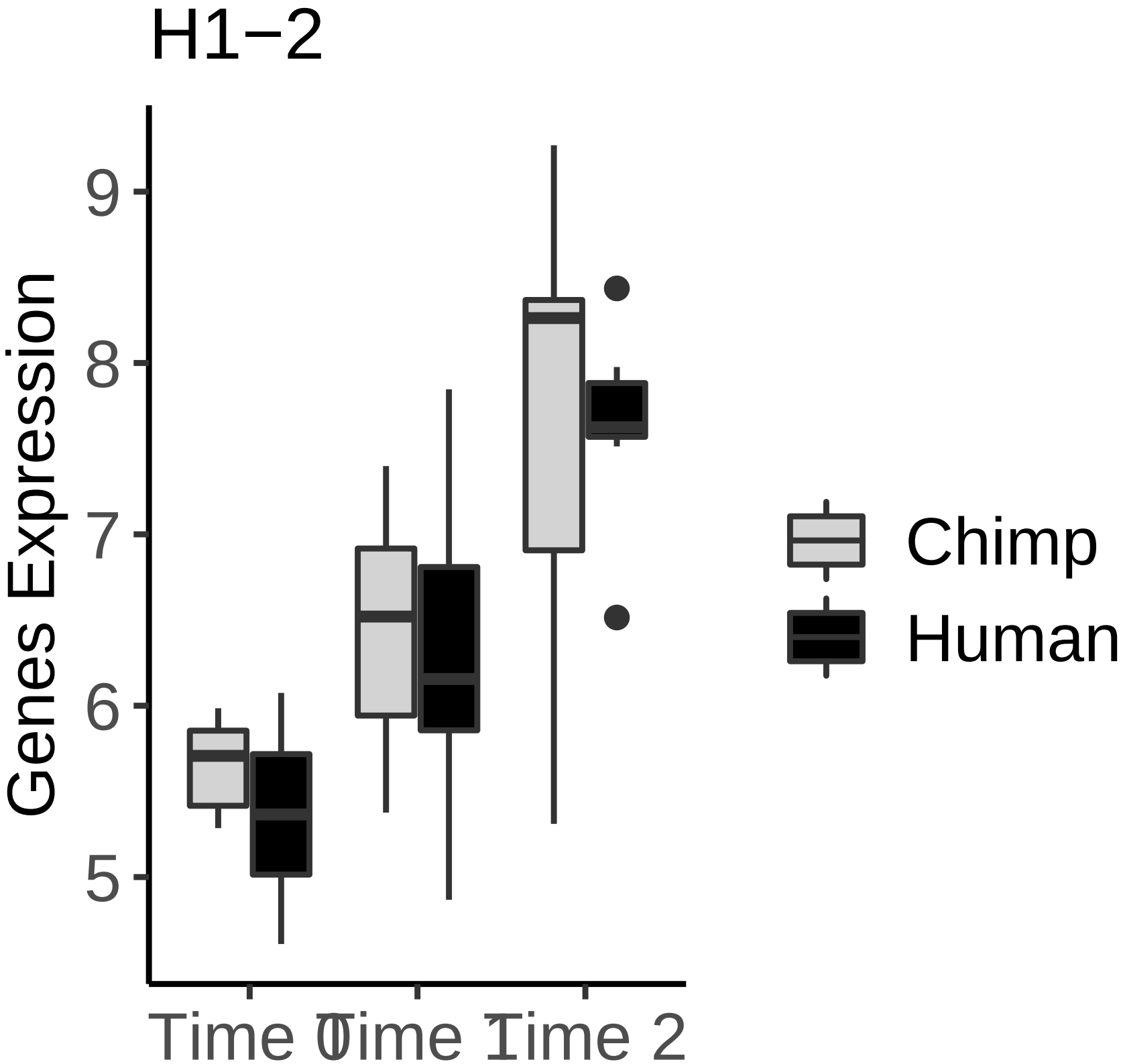
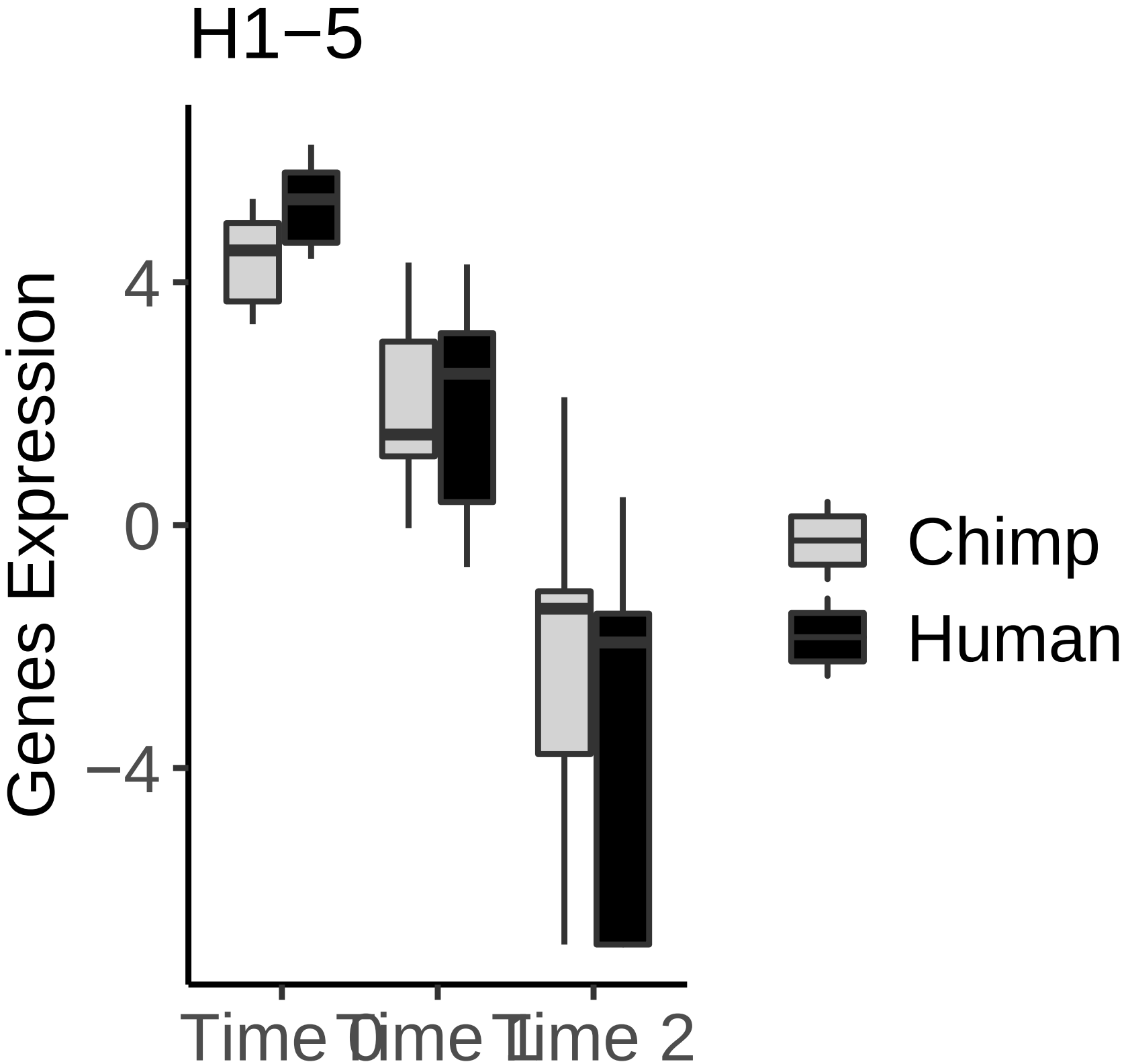
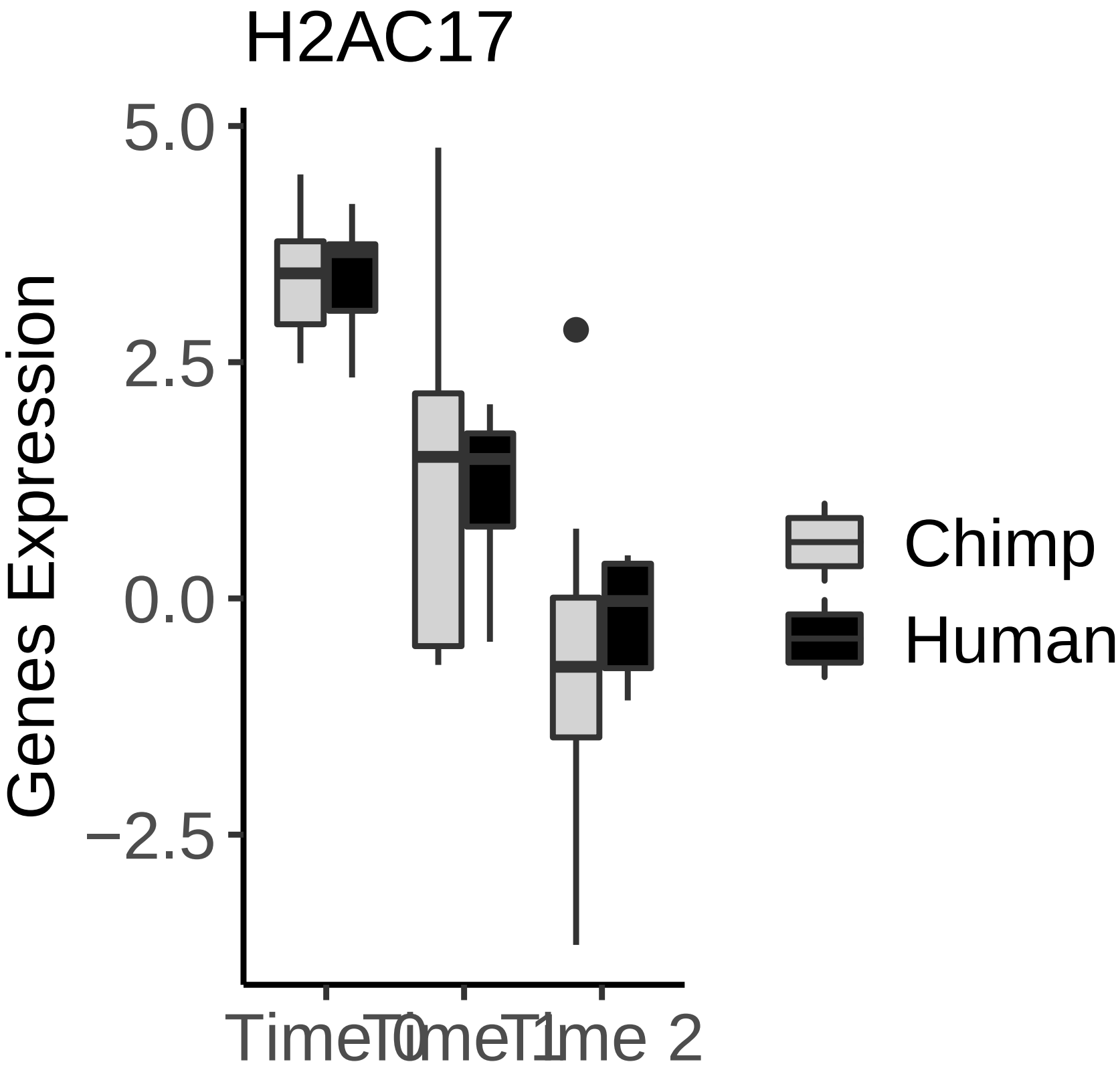
Time 1
Time 2
Chimp
Human


H1−2
Genes Expression
9
8
7
6
5
Time 0
Time 1
Time 2
Chimp
Human


H1−5
Genes Expression
4
0
−4
Time 0
Time 1
Time 2
Chimp
Human


H2AC17
Genes Expression
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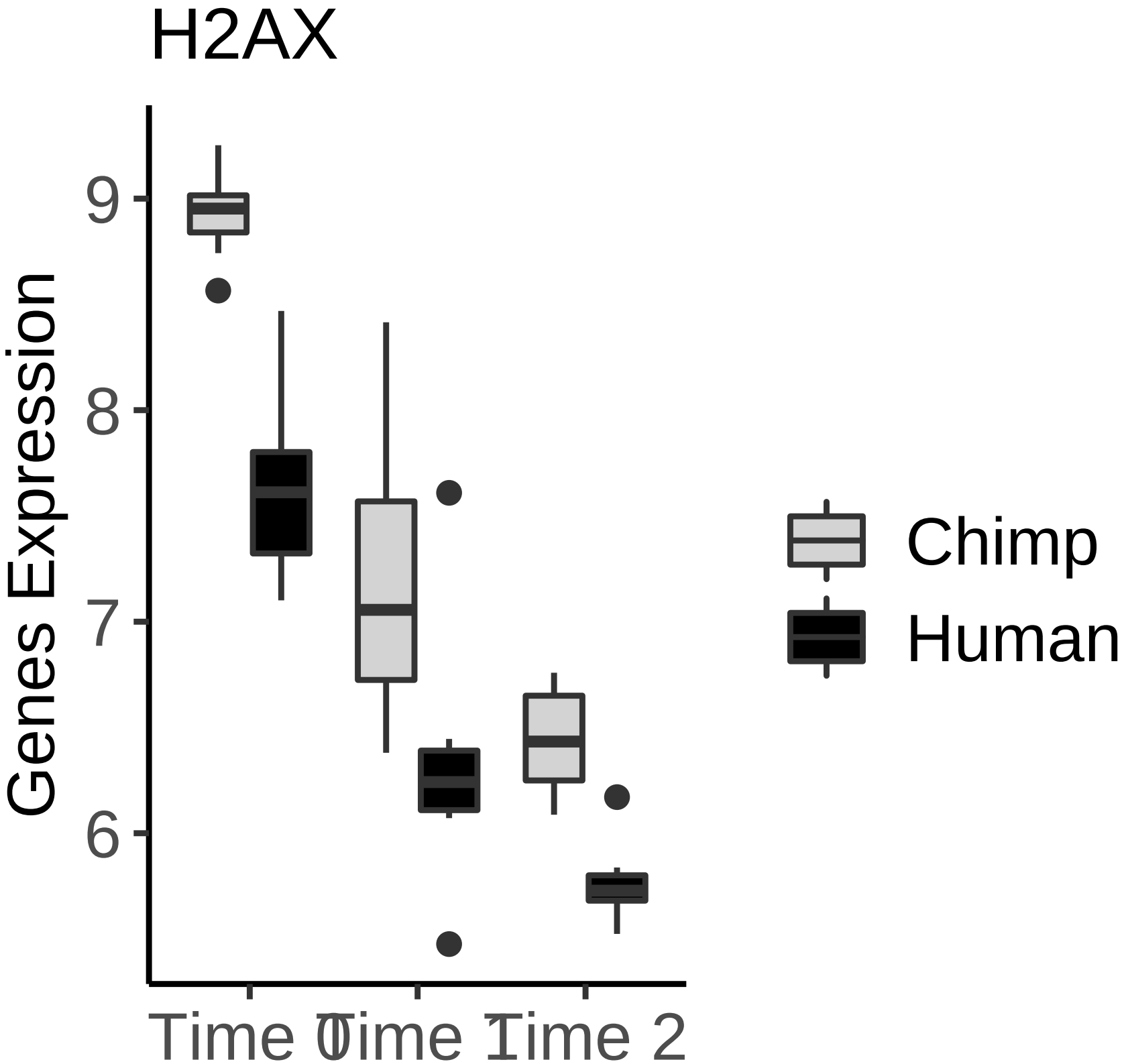
2.5
0.0
−2.5
Time 0
Time 1
Time 2
Chimp
Human


H2AX
Genes Expression
9
8
7
6
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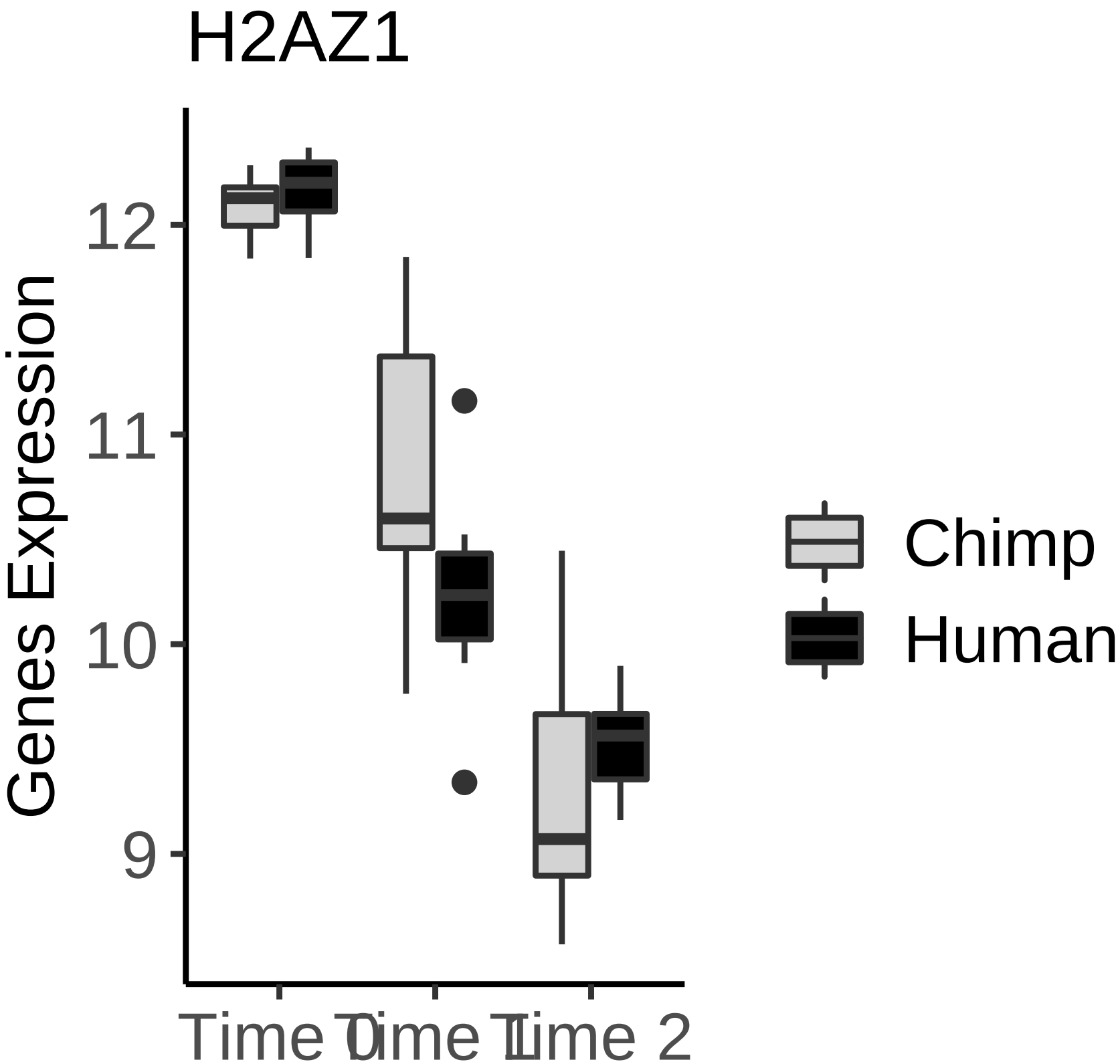
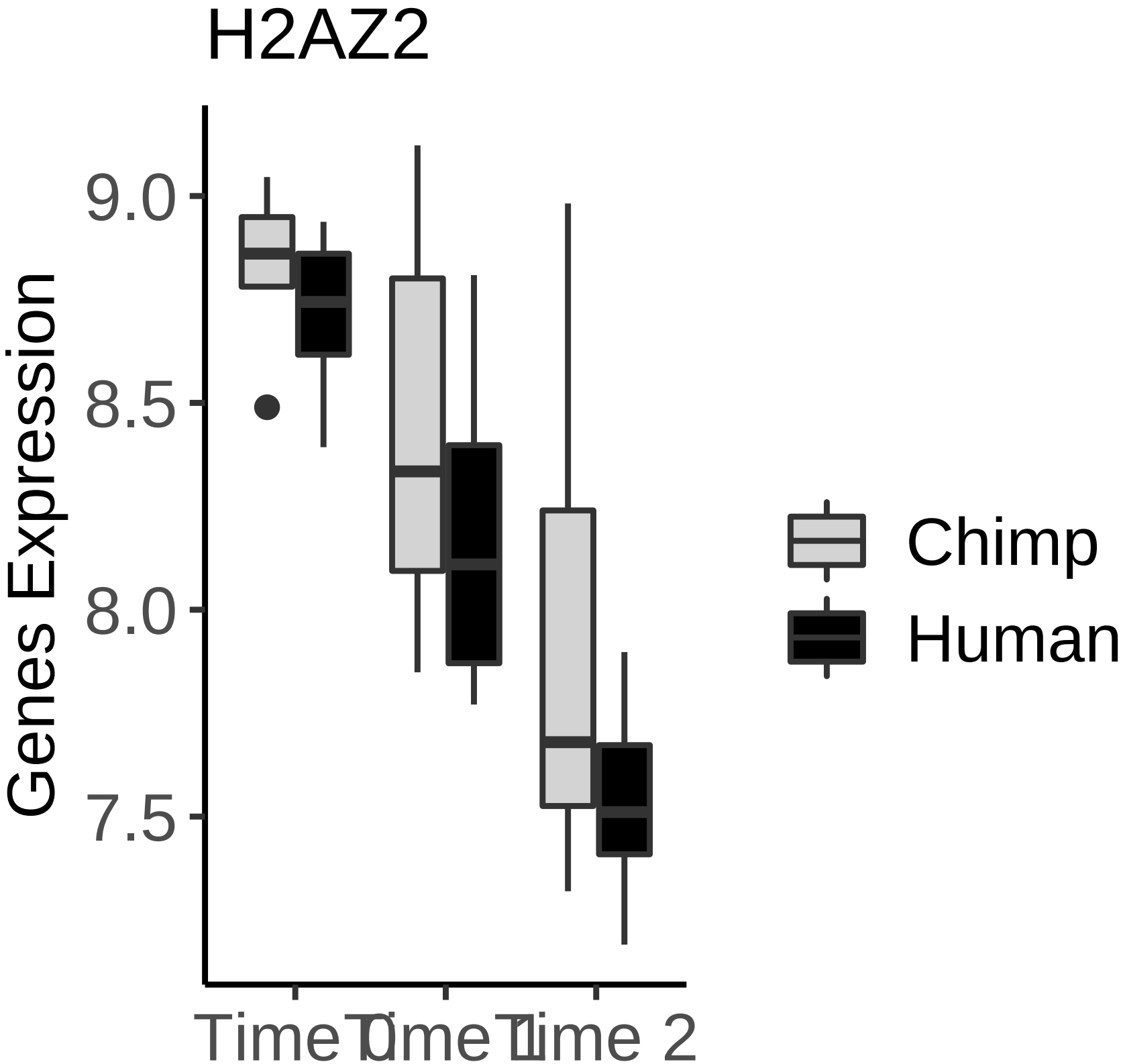
Time 1
Time 2
Chimp
Human


H2AZ1
Genes Expression
12
11
10
9
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
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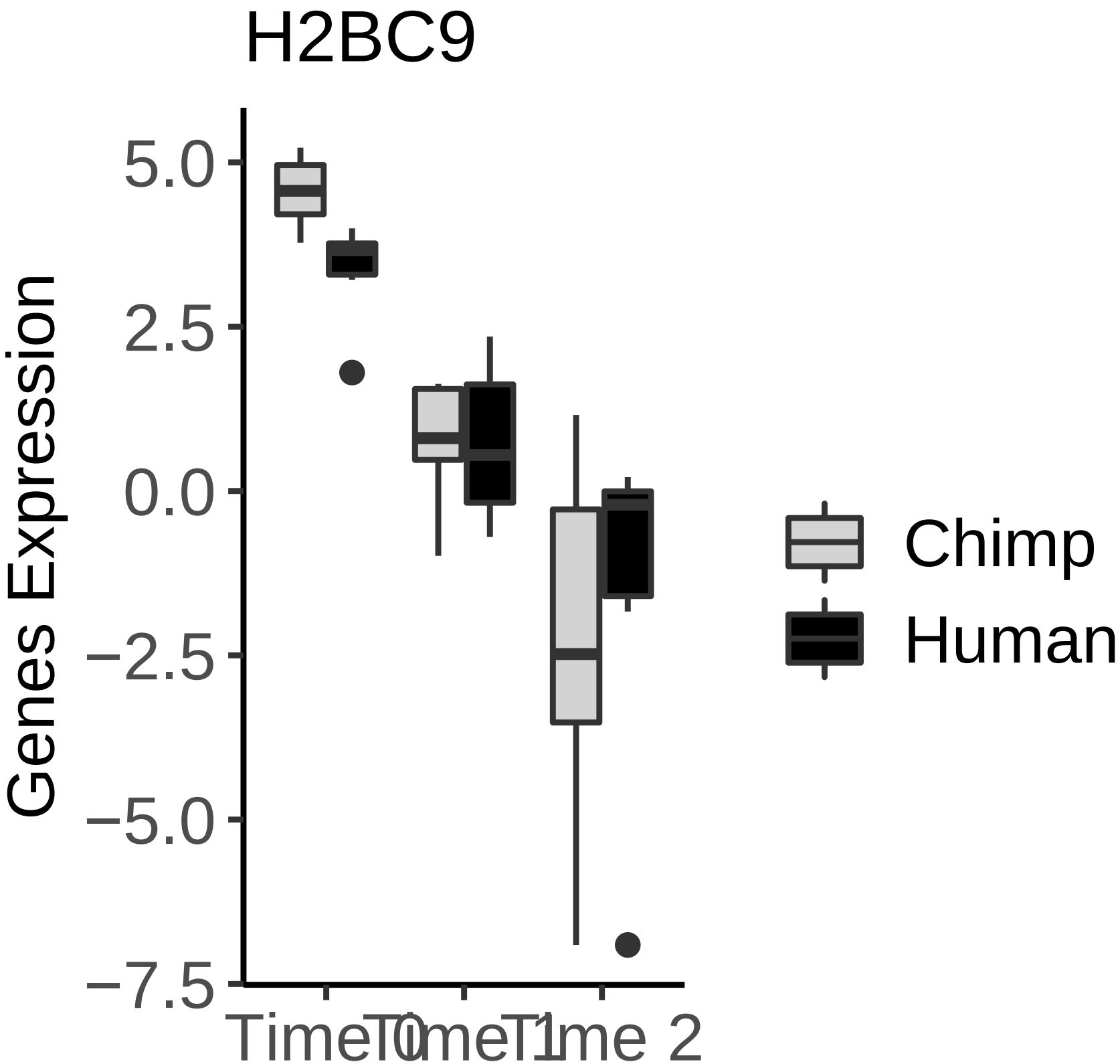
8.0
7.5
Time 0
Time 1
Time 2
Chimp
Human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2.5
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−5.0
−7.5
Time 0
Time 1
Time 2
Chimp
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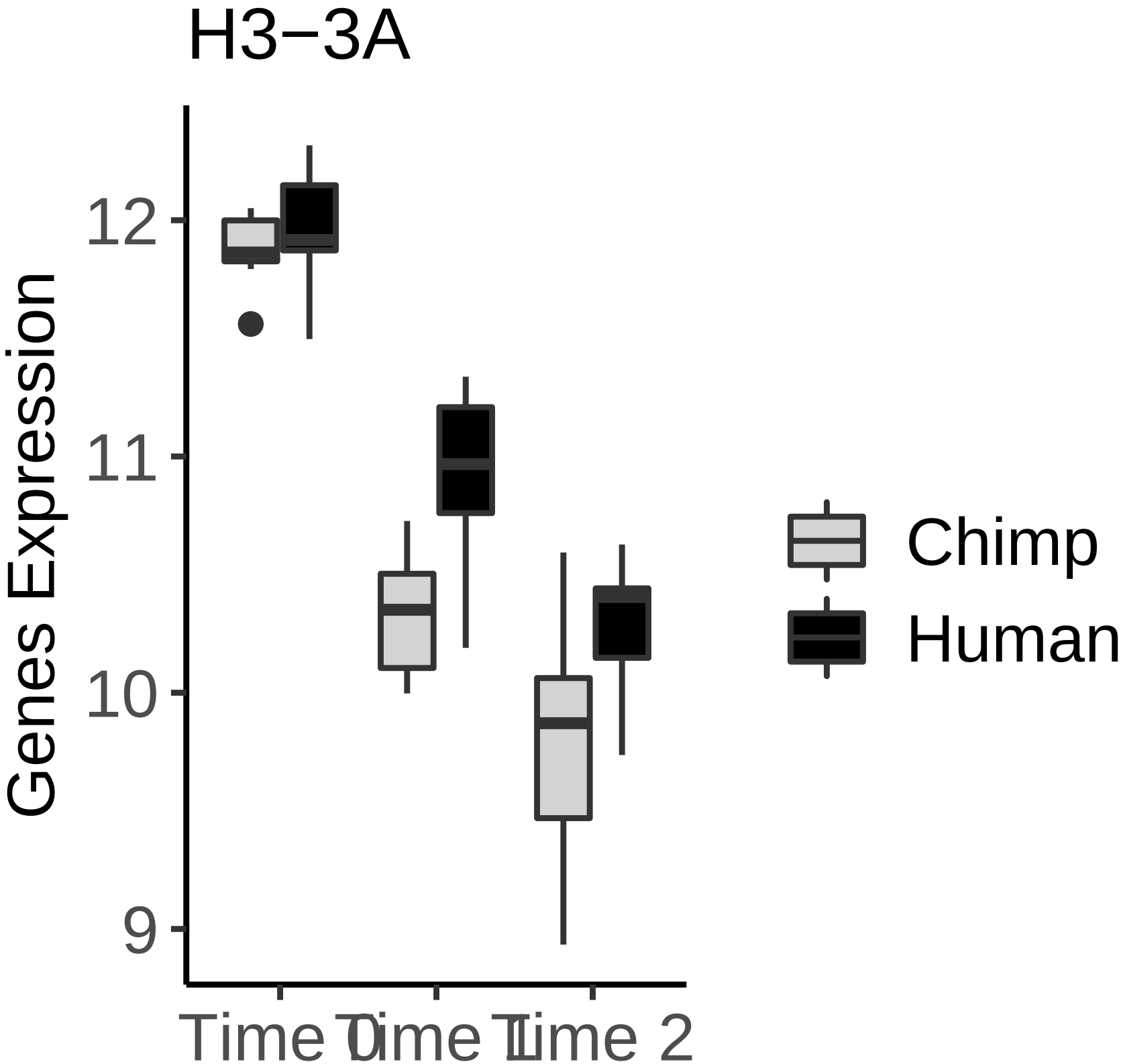
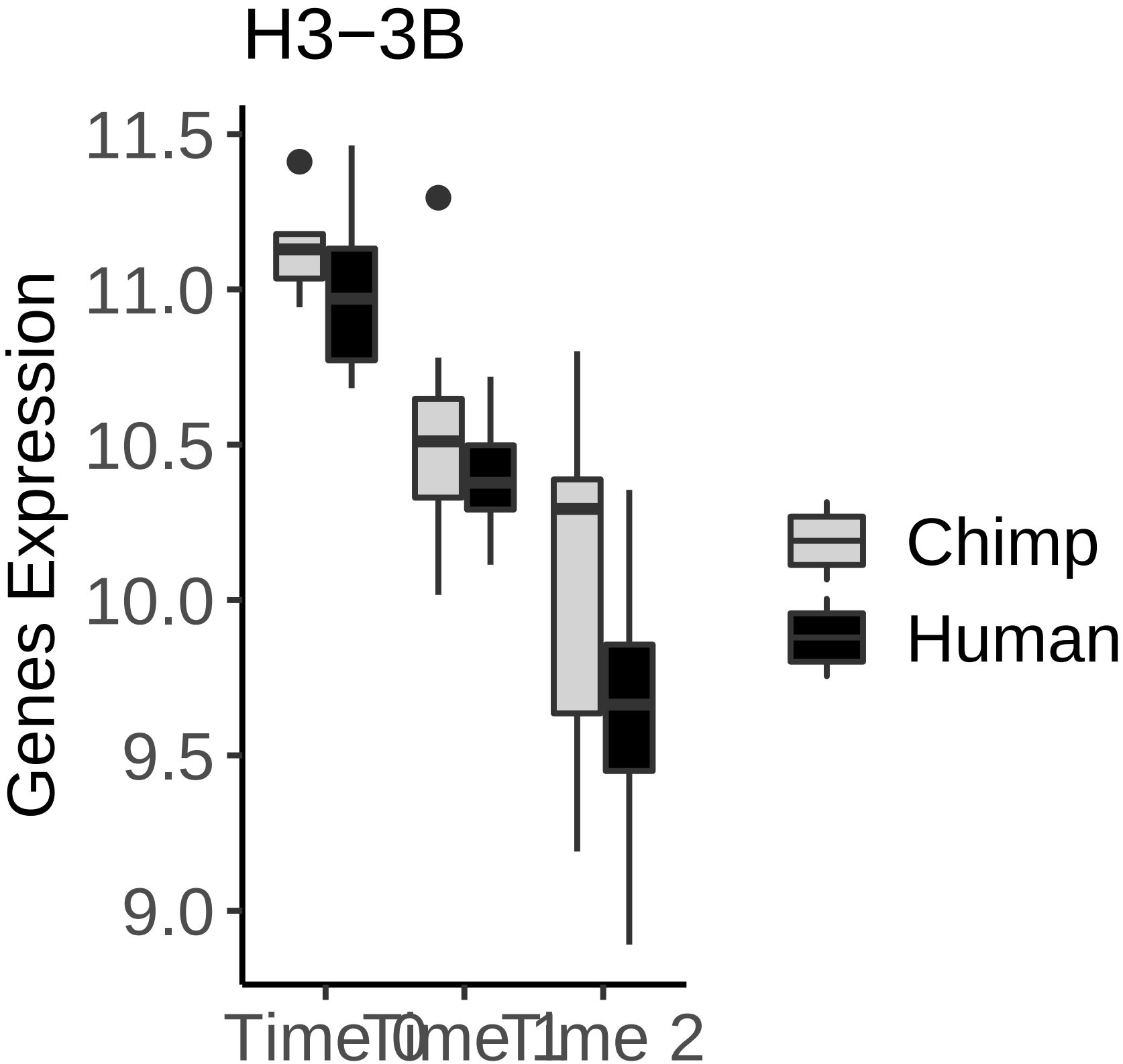

H3−3A
Genes Expression
12
11
10
9
Time 0
Time 1
Time 2
Chimp
Human


H3−3B
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11.5
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10.5
10.0
9.5
9.0
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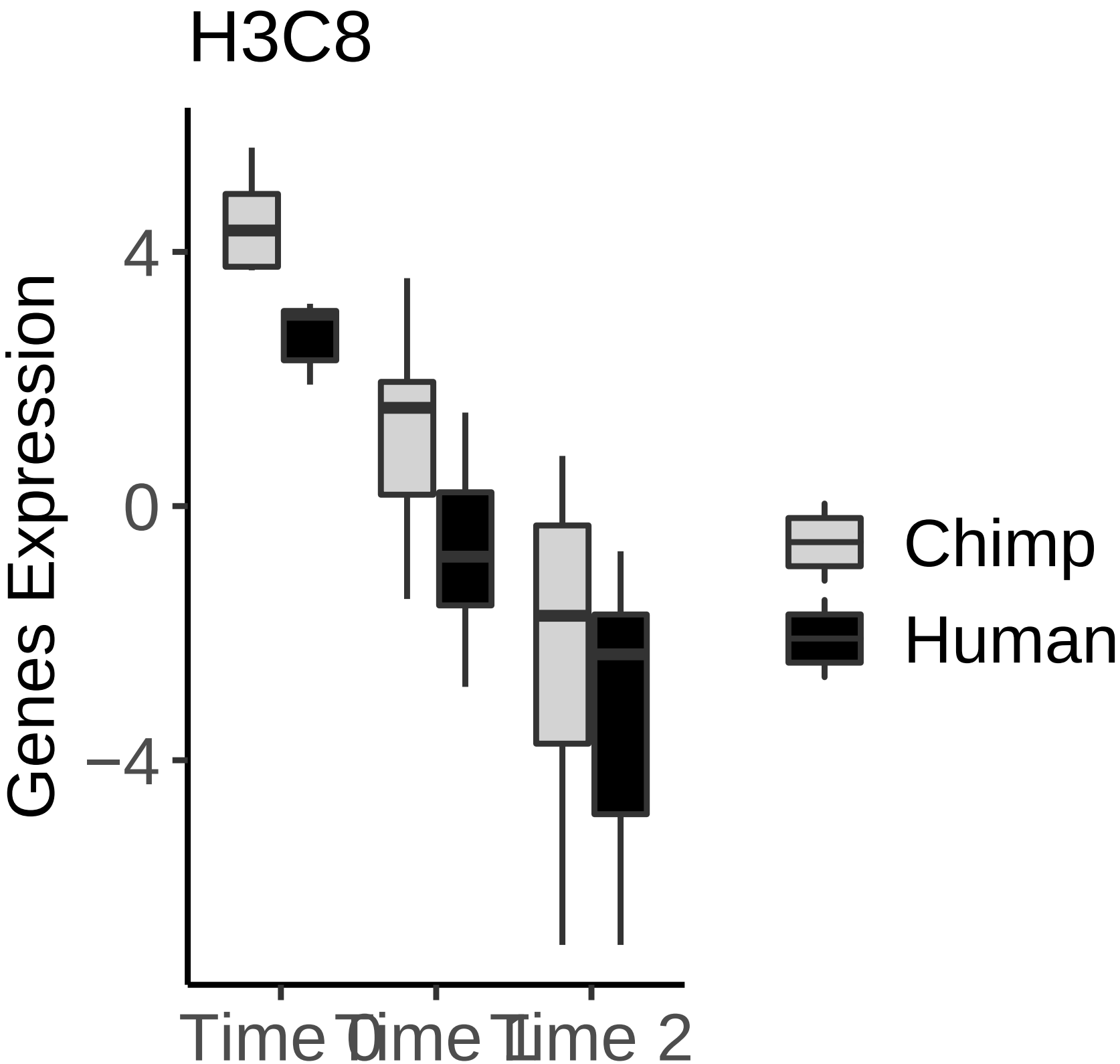
Time 1
Time 2
Chimp
Human


H3C8
Genes Expression
4
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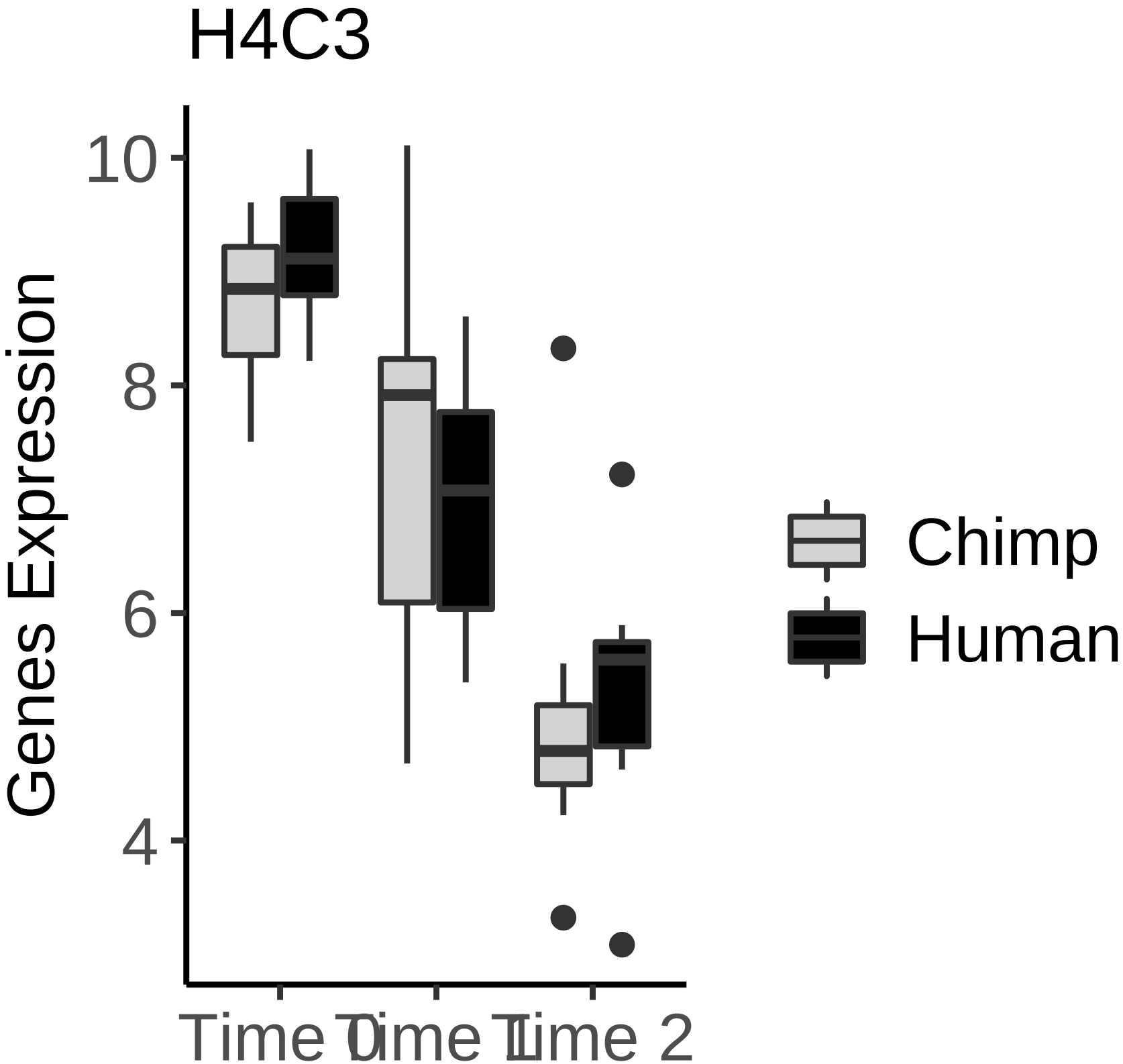
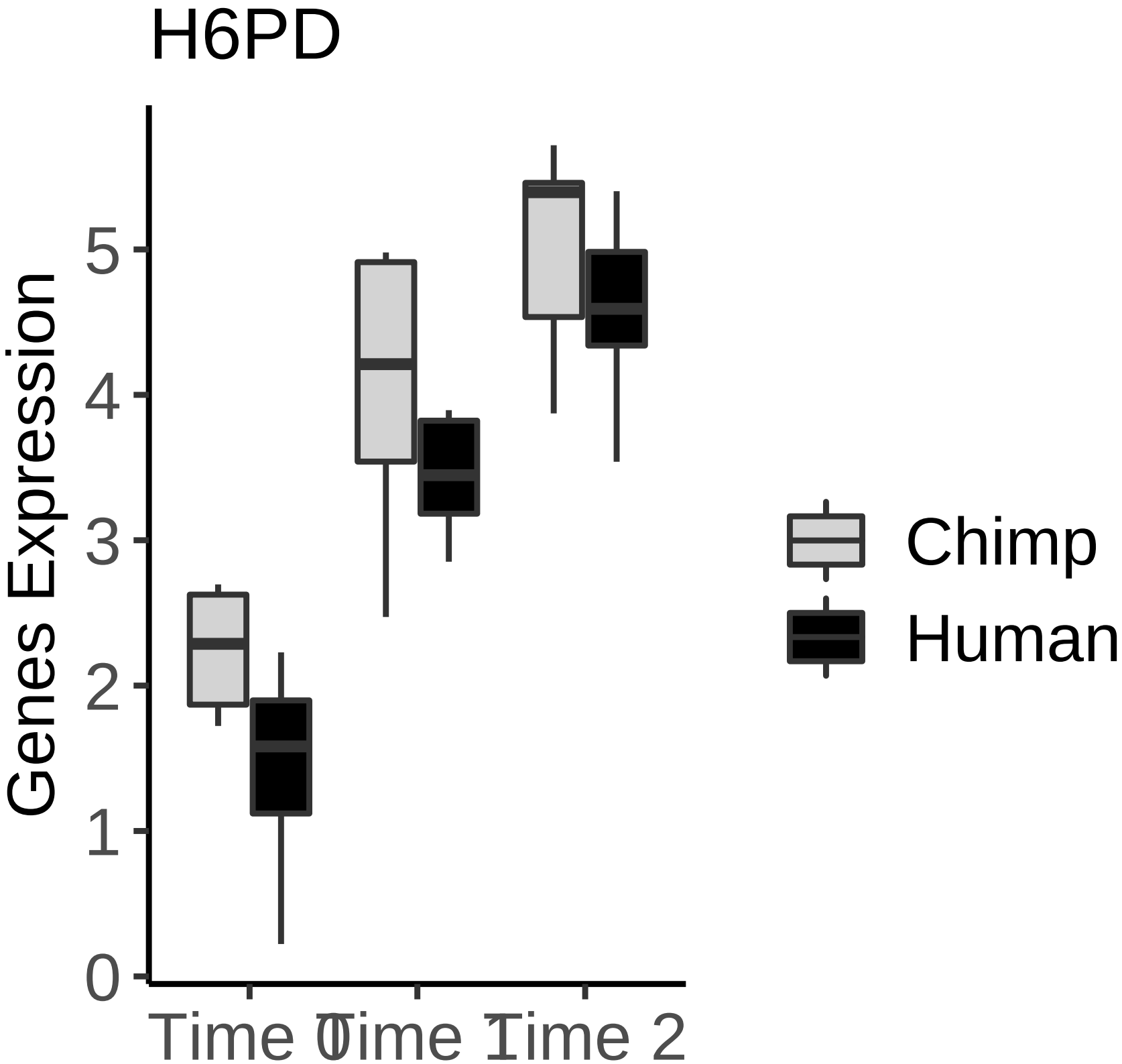
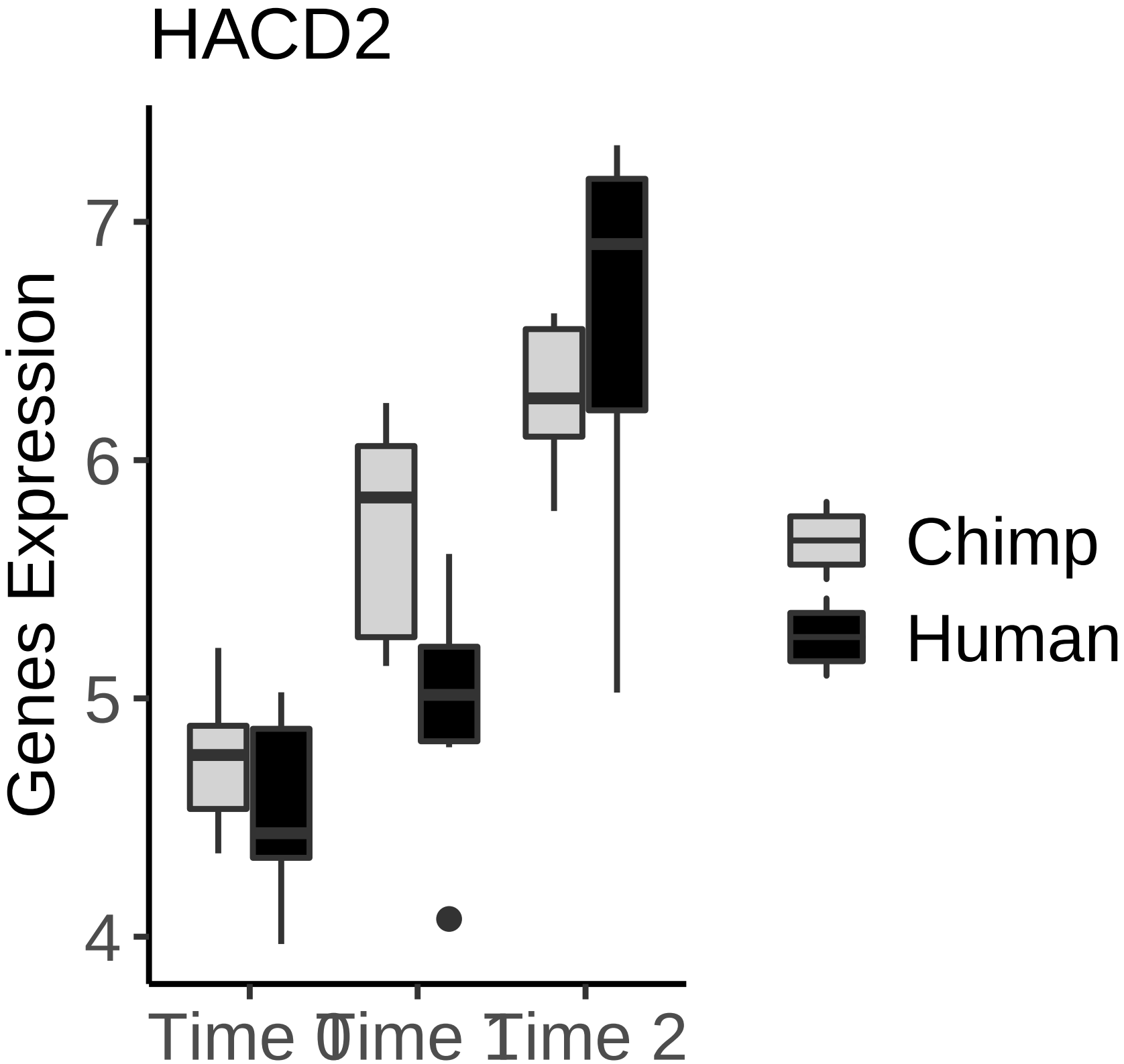
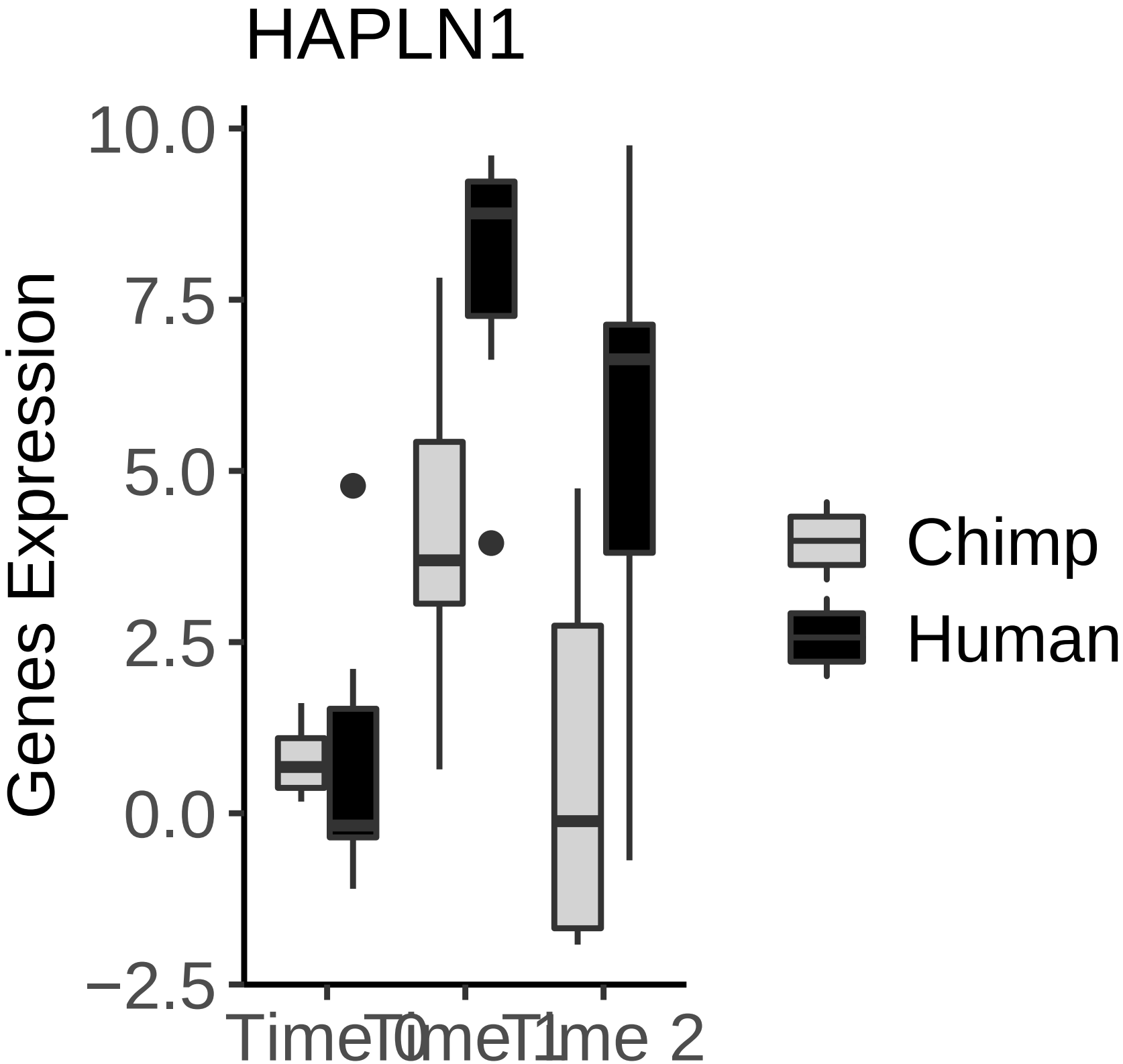
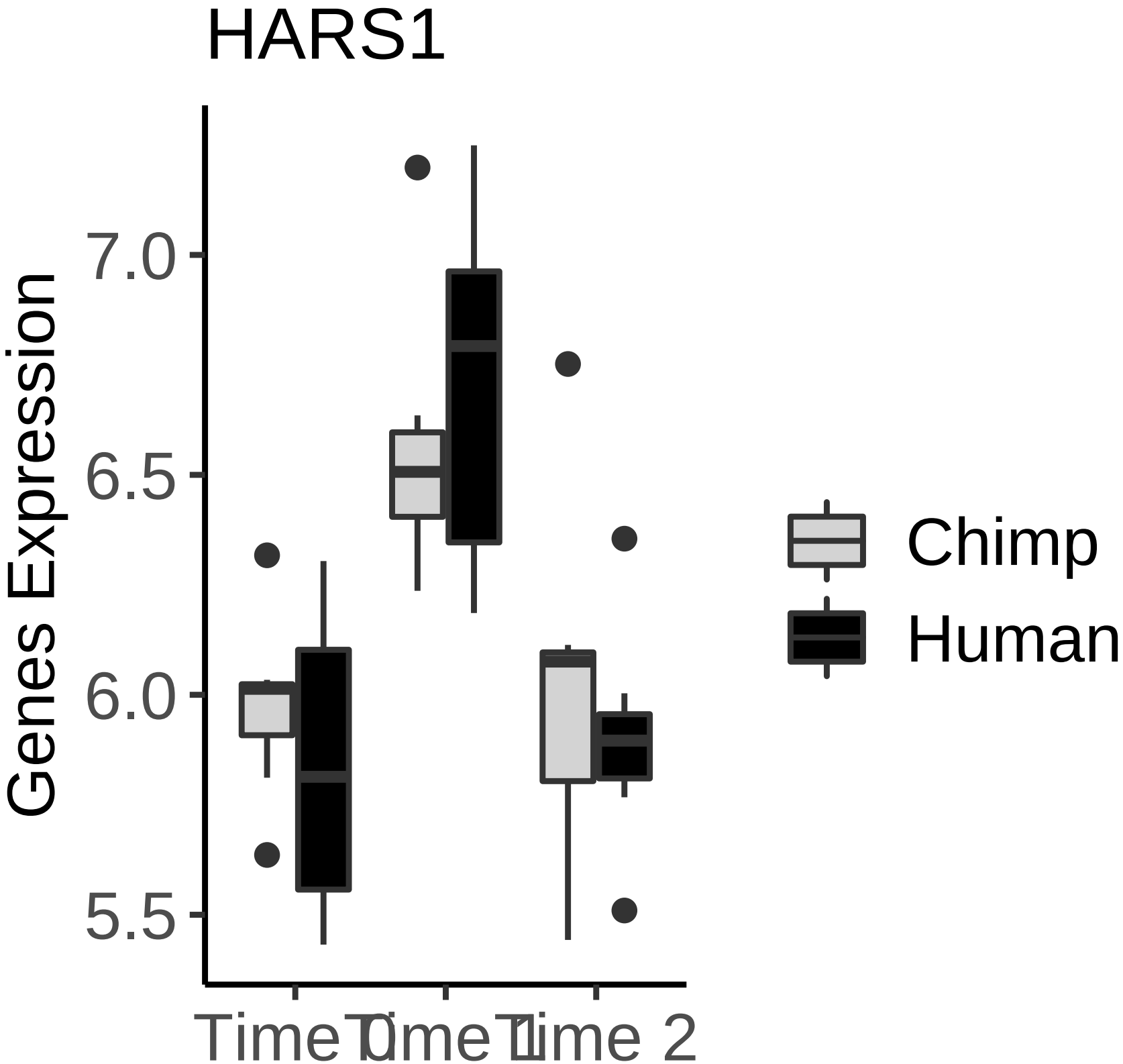
−4
Time 0
Time 1
Time 2
Chimp
Human

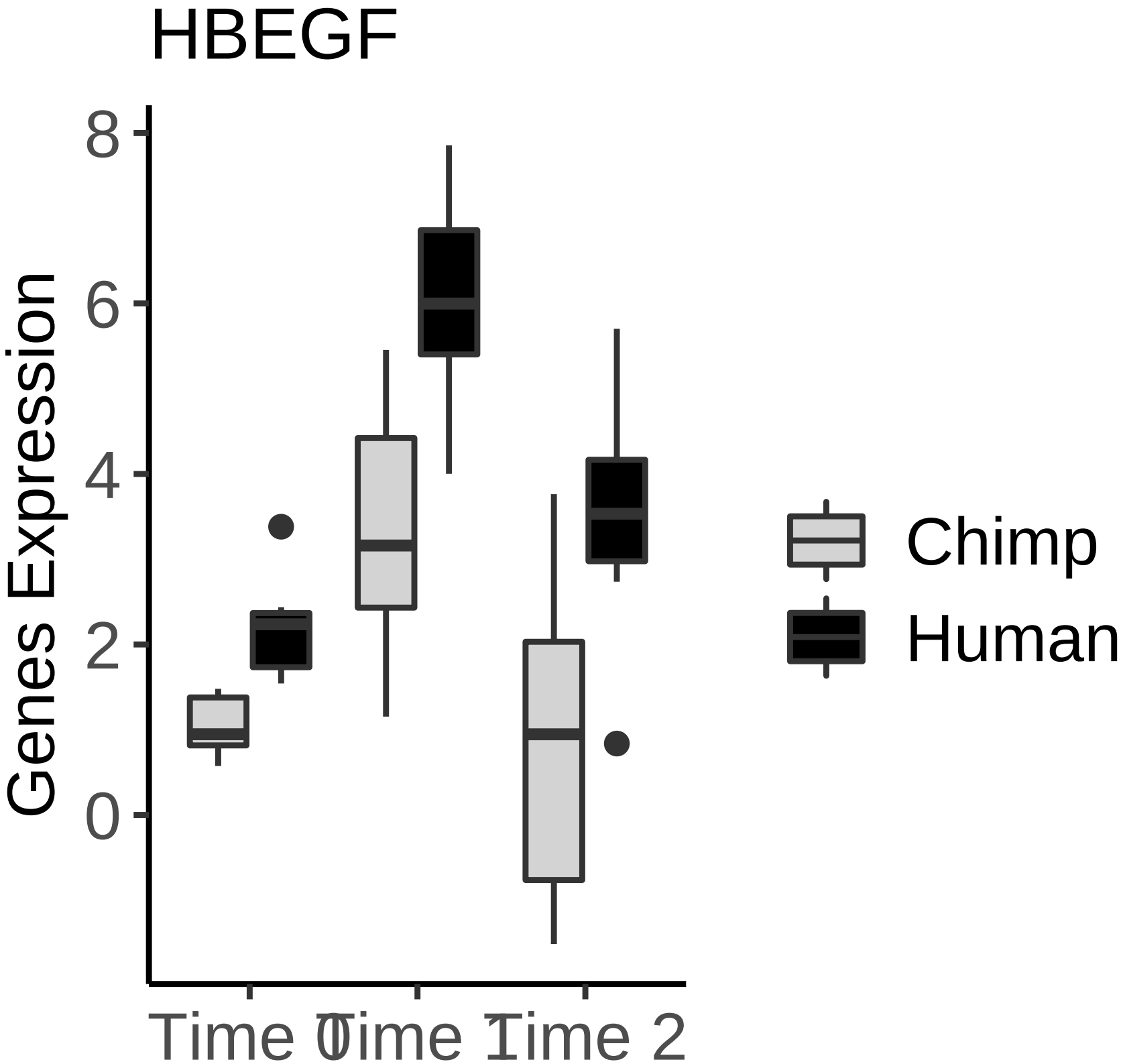

H4C3
Genes Expression
10
8
6
4
Time 0
Time 1
Time 2
Chimp
Human


H6PD
Genes Expression
0
1
2
3
4
5
Time 0
Time 1
Time 2
Chimp
Human


HACD2
Genes Expression
7
6
5
4
Time 0
Time 1
Time 2
Chimp
Human


HAPLN1
Genes Expression
10.0
7.5
5.0
2.5
0.0
−2.5
Time 0
Time 1
Time 2
Chimp
Human


HARS1
Genes Expression
7.0
6.5
6.0
5.5
Time 0
Time 1
Time 2
Chimp
Human


HBEGF
Genes Expression
8
6
4
2
0
Time 0
Time 1
Time 2
Chimp
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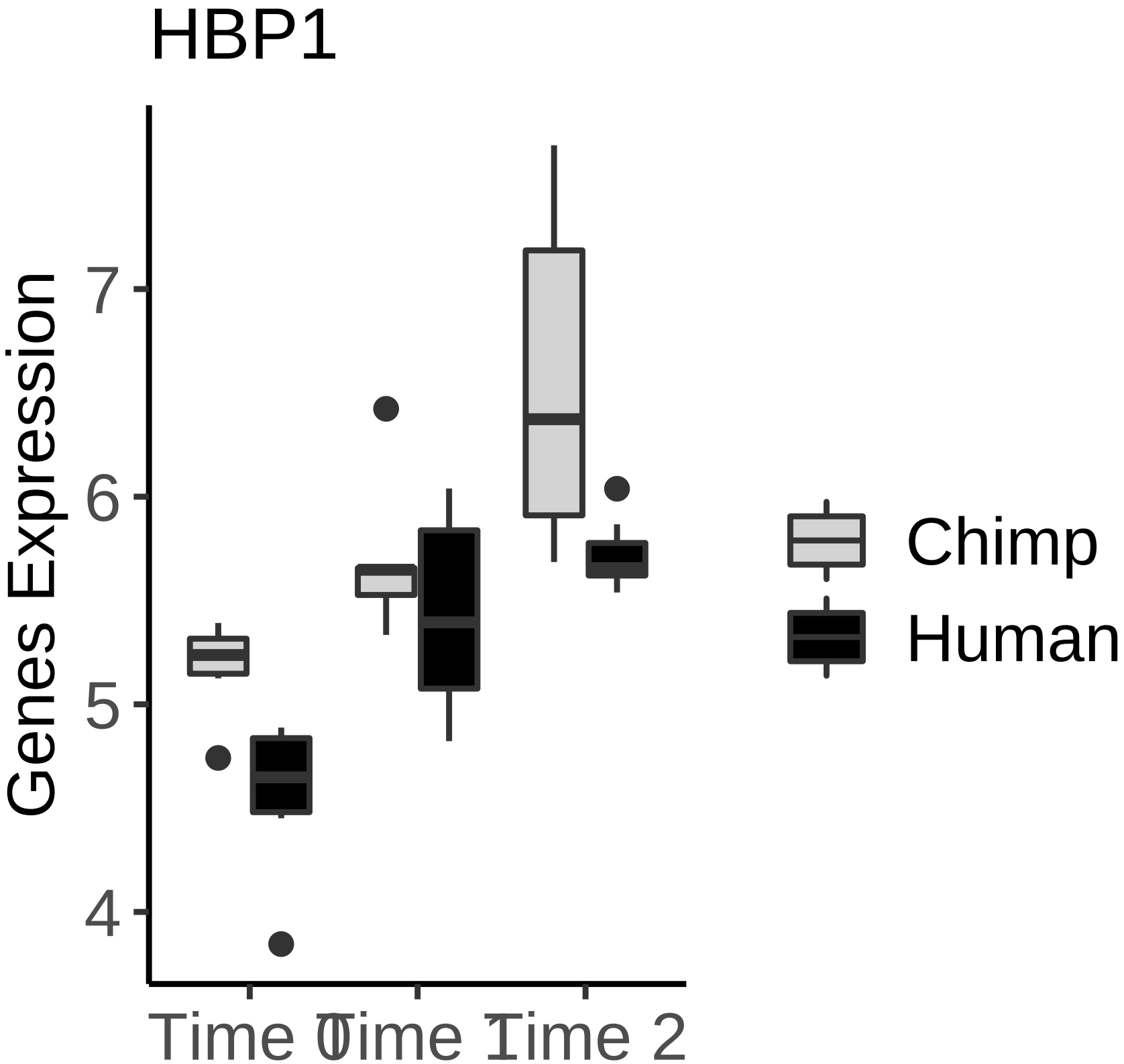
HBP1
Genes Expression
7
6
5
4
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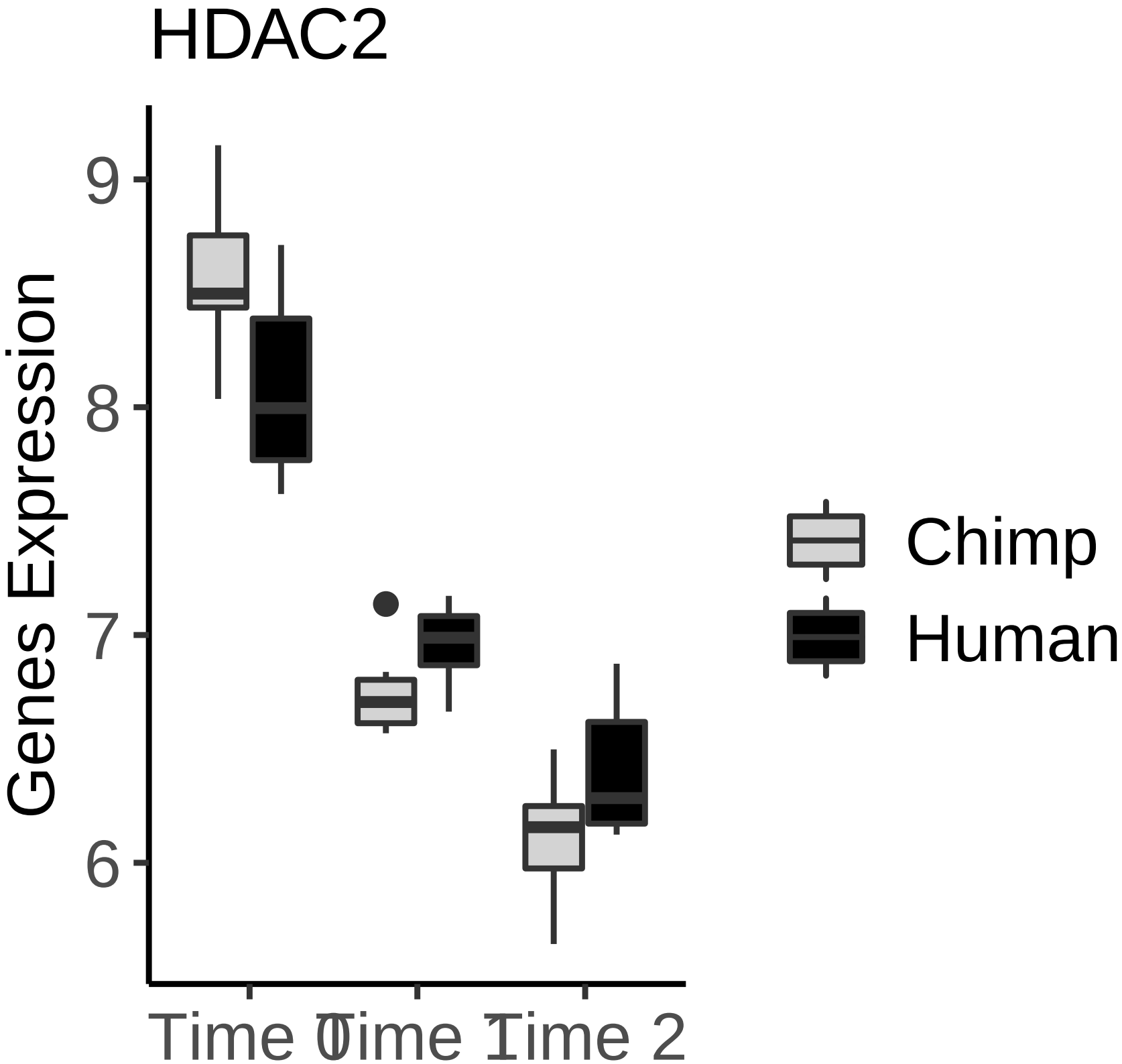
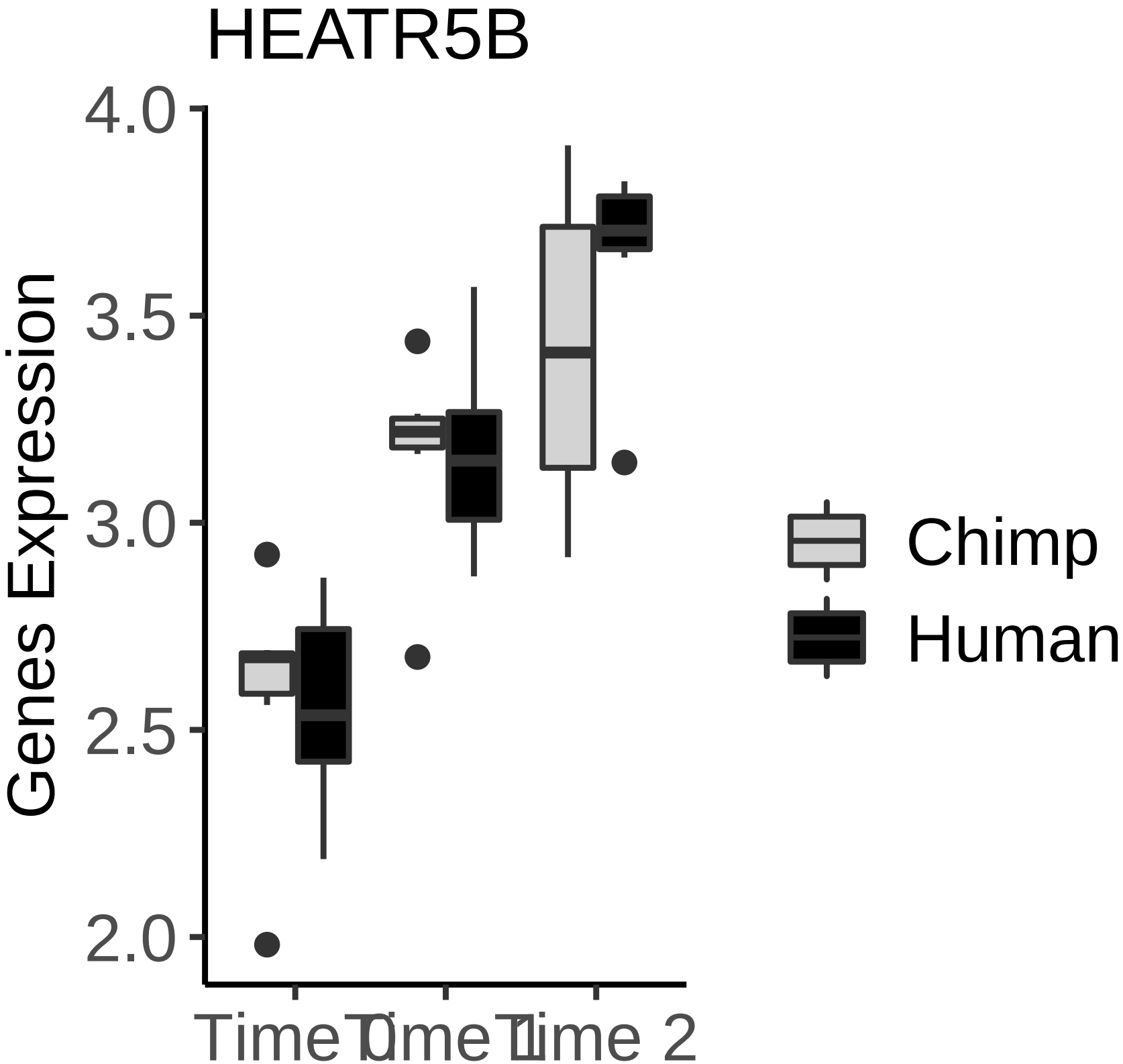
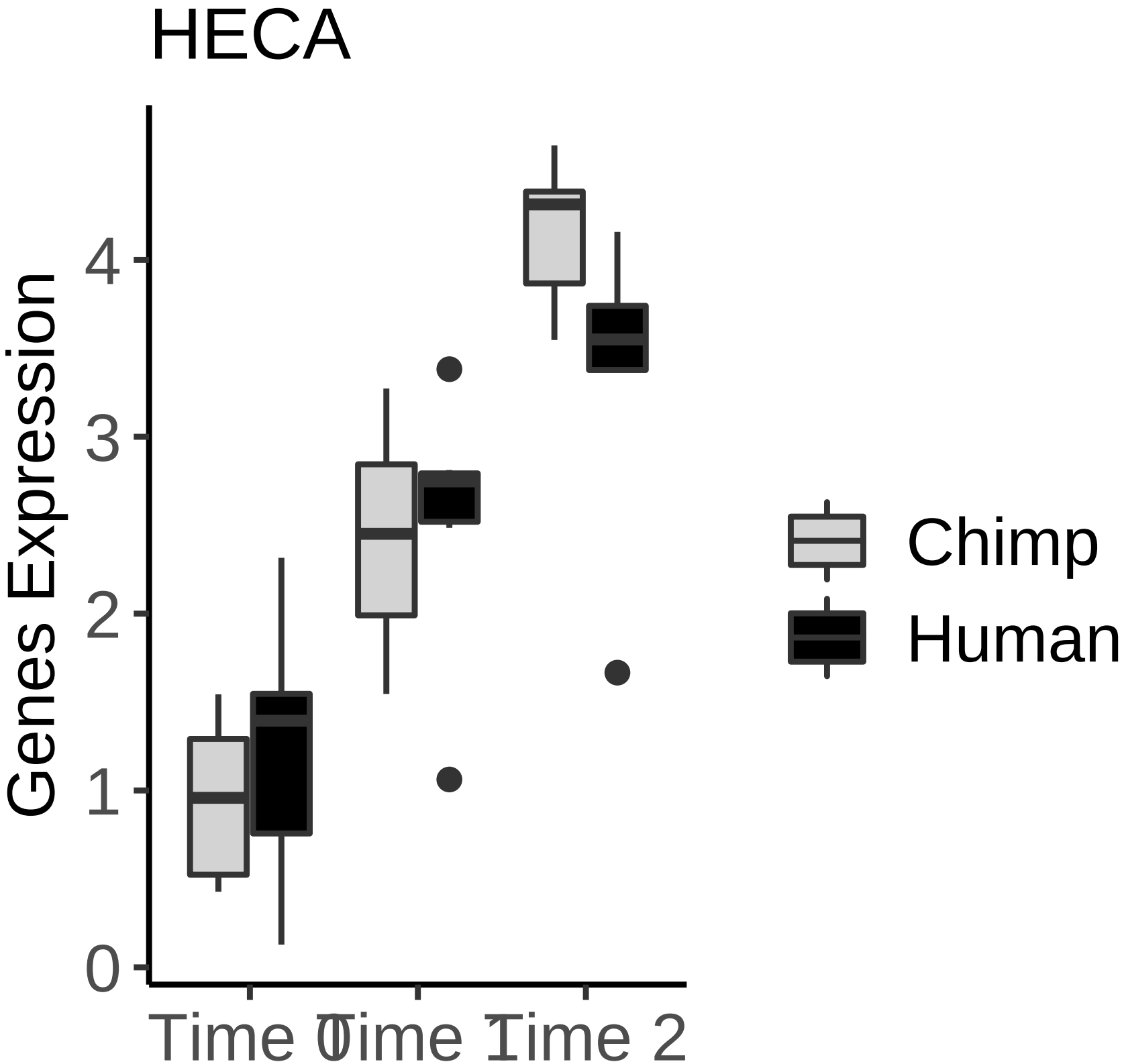
Time 1
Time 2
Chimp
Human


HDAC2
Genes Expression
9
8
7
6
Time 0
Time 1
Time 2
Chimp
Human


HEATR5B
Genes Expression
4.0
3.5
3.0
2.5
2.0
Time 0
Time 1
Time 2
Chimp
Human


HECA
Genes Expression
0
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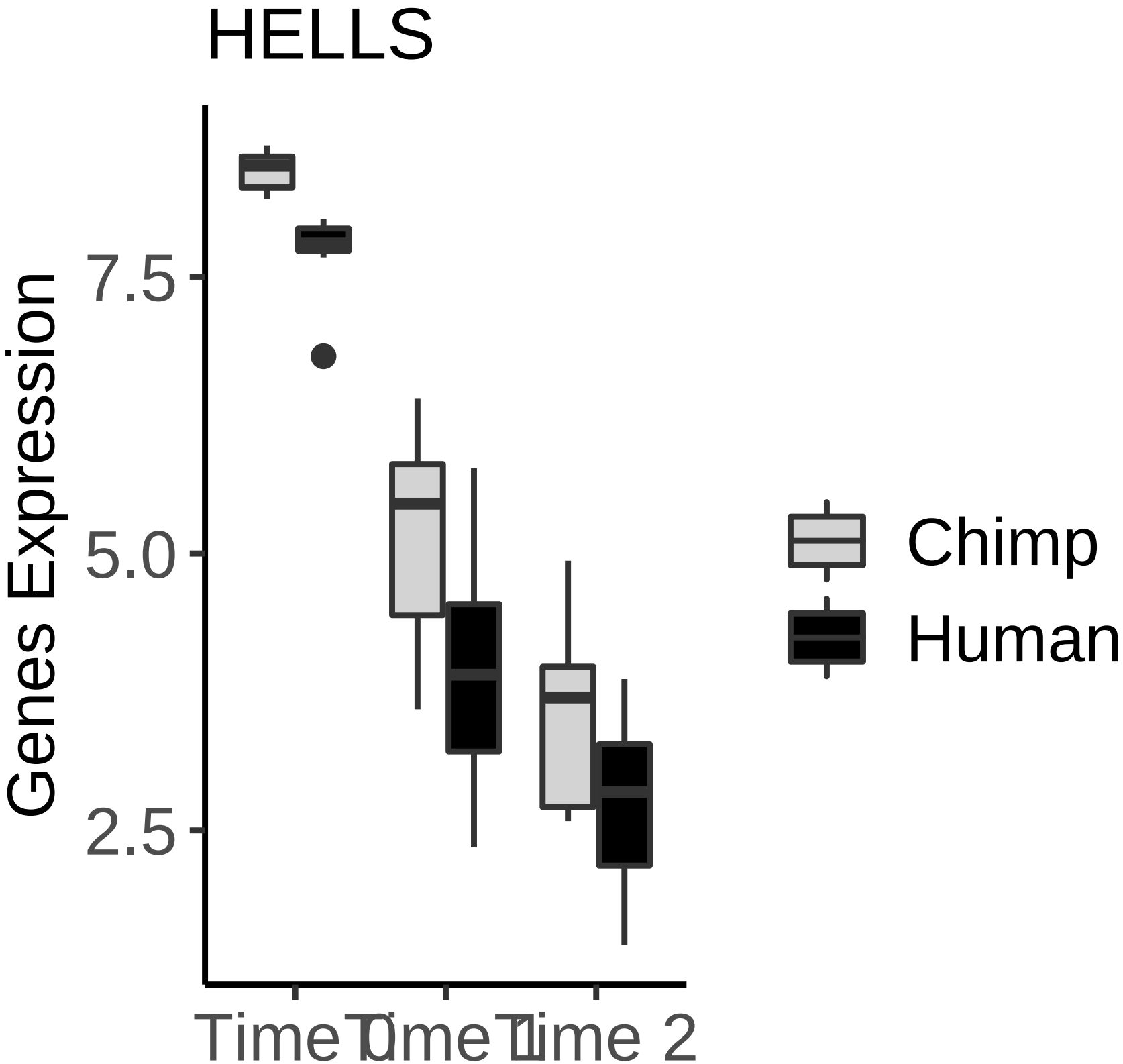
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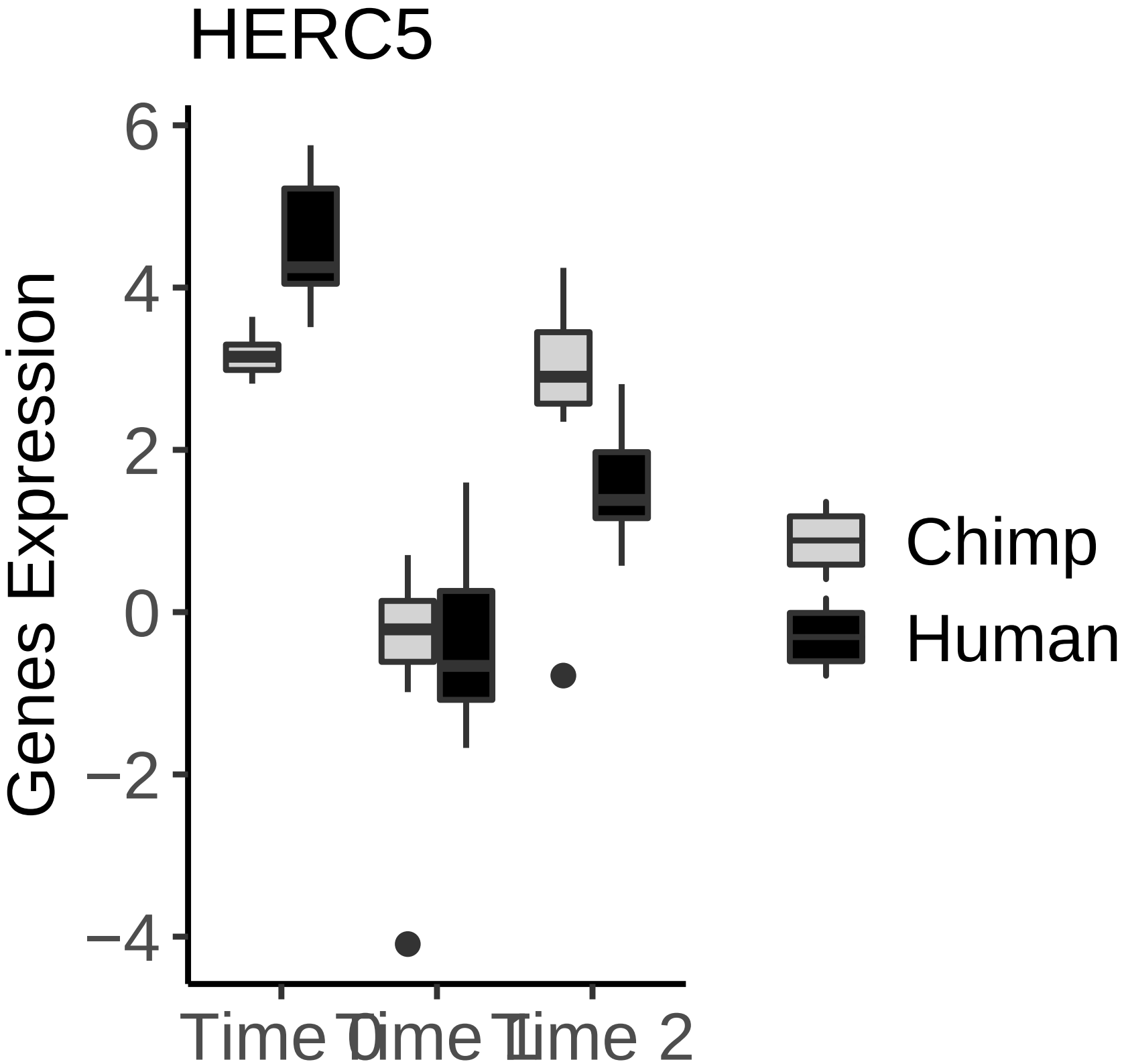
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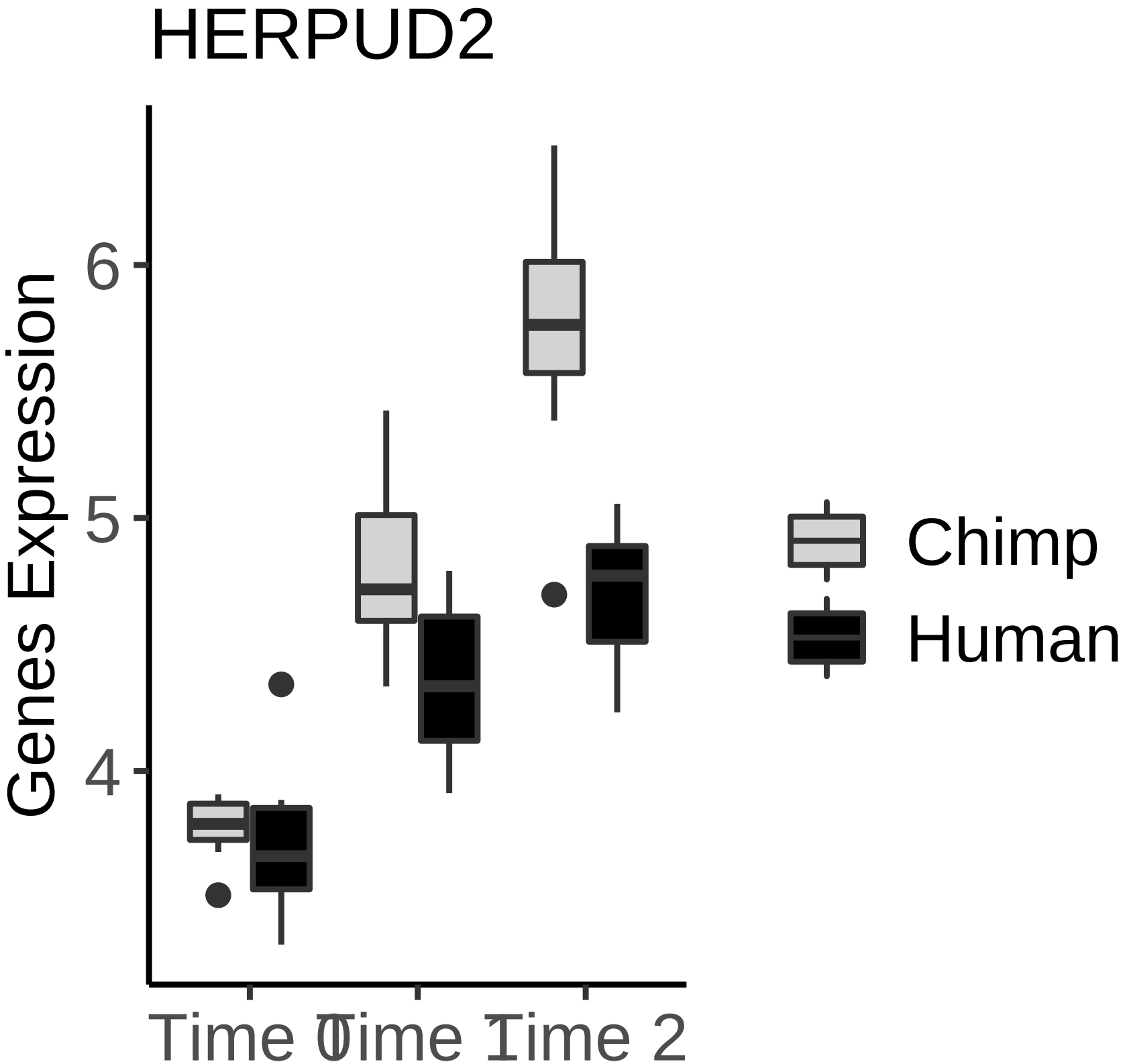
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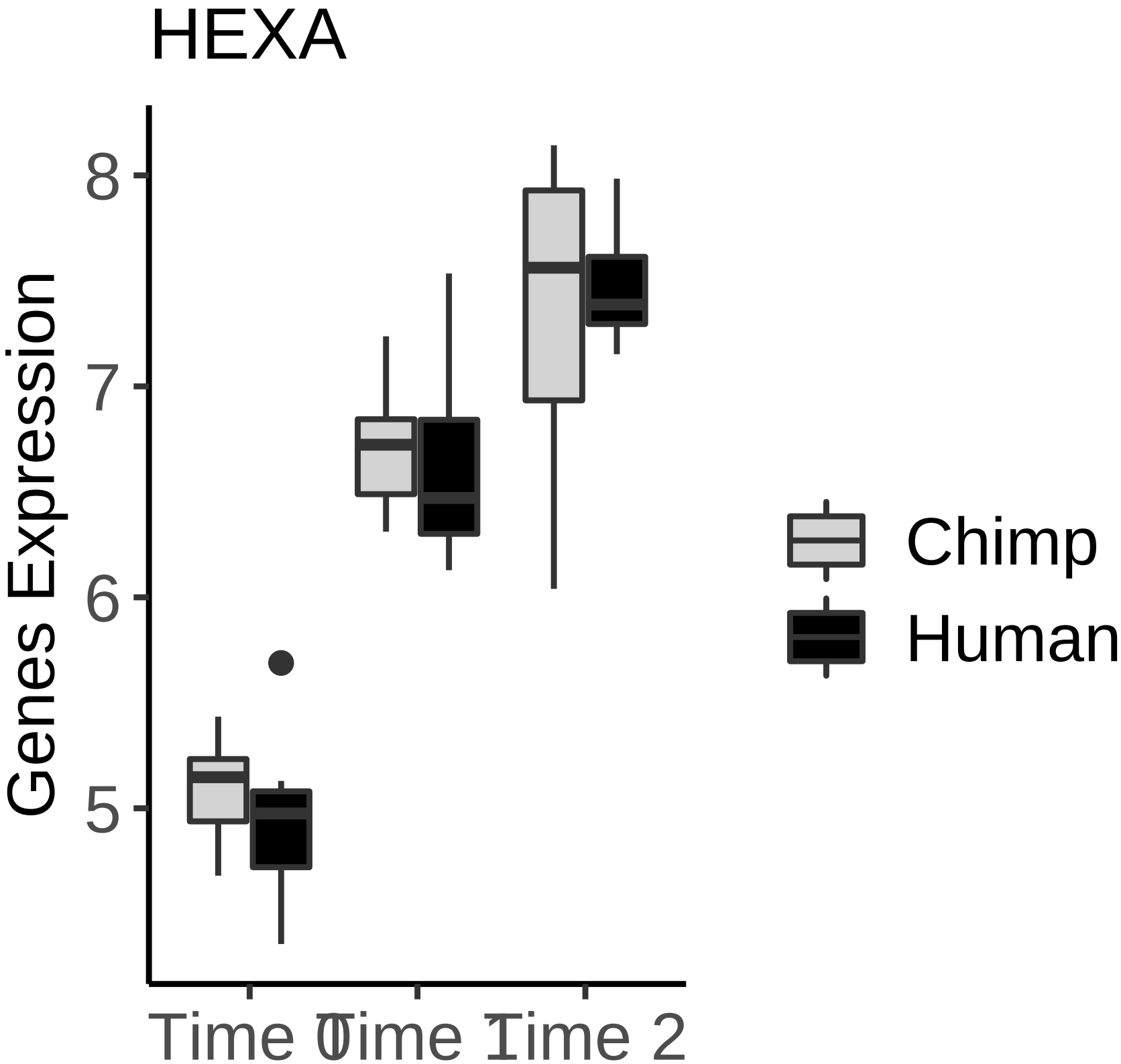
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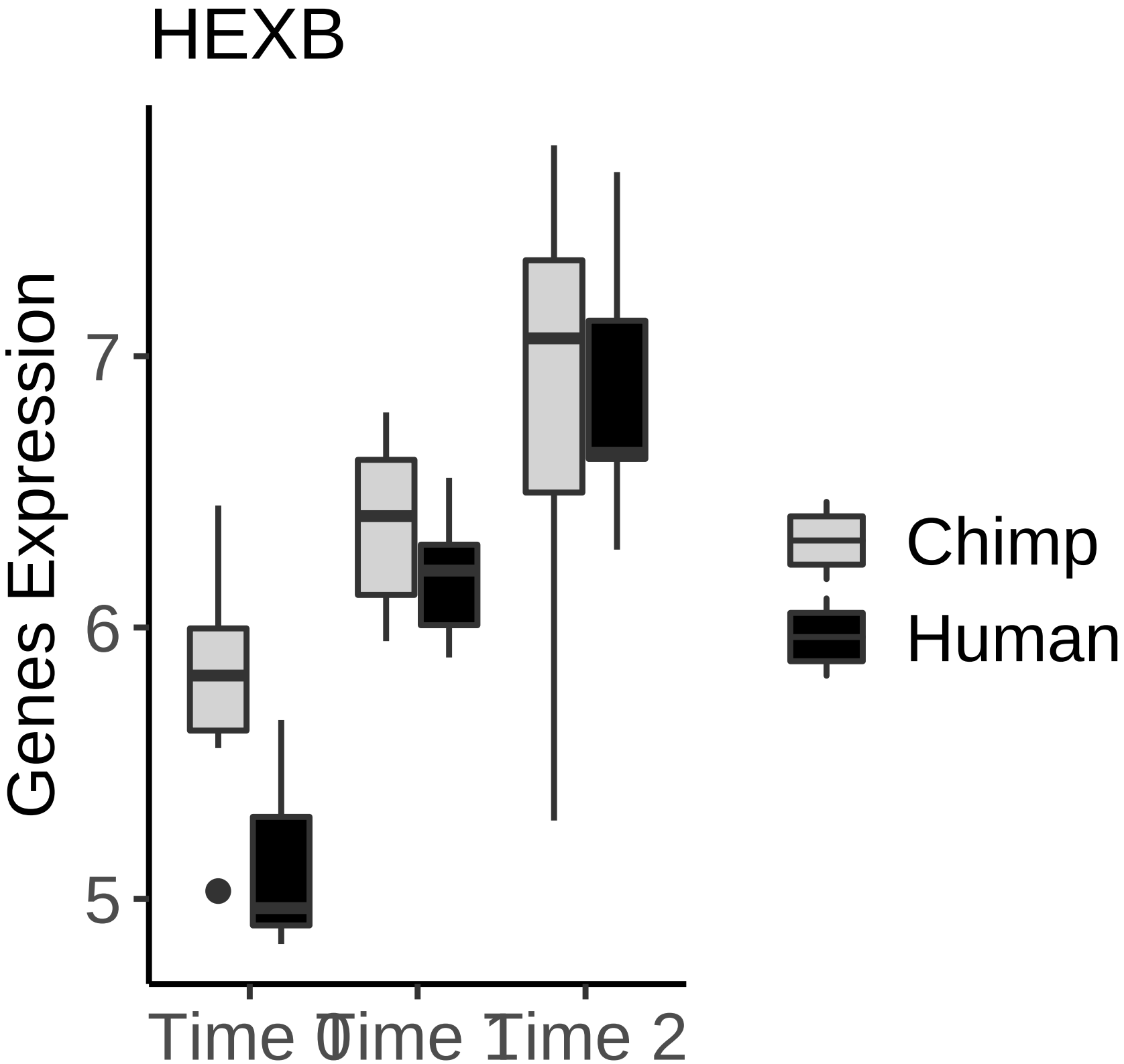
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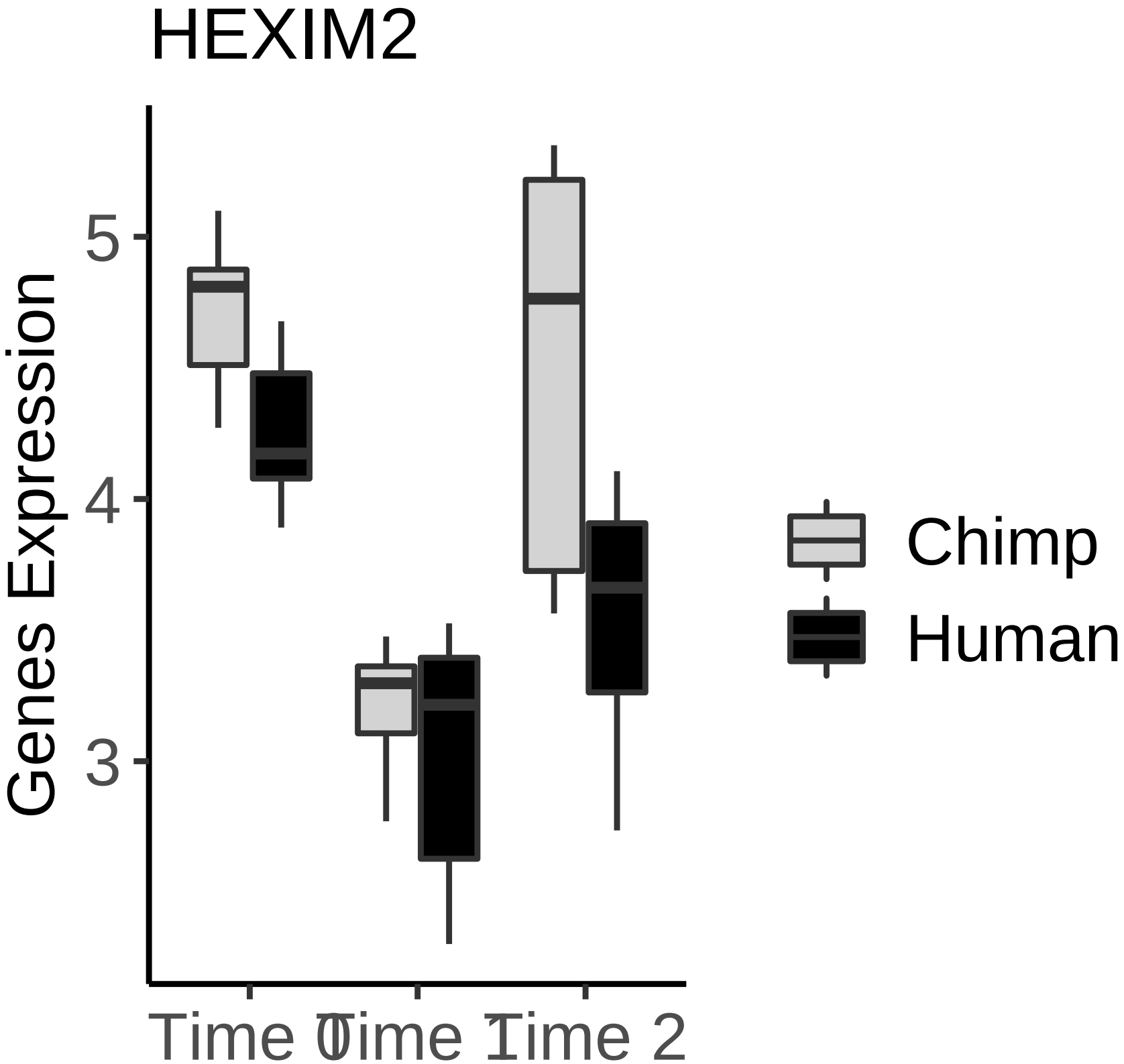
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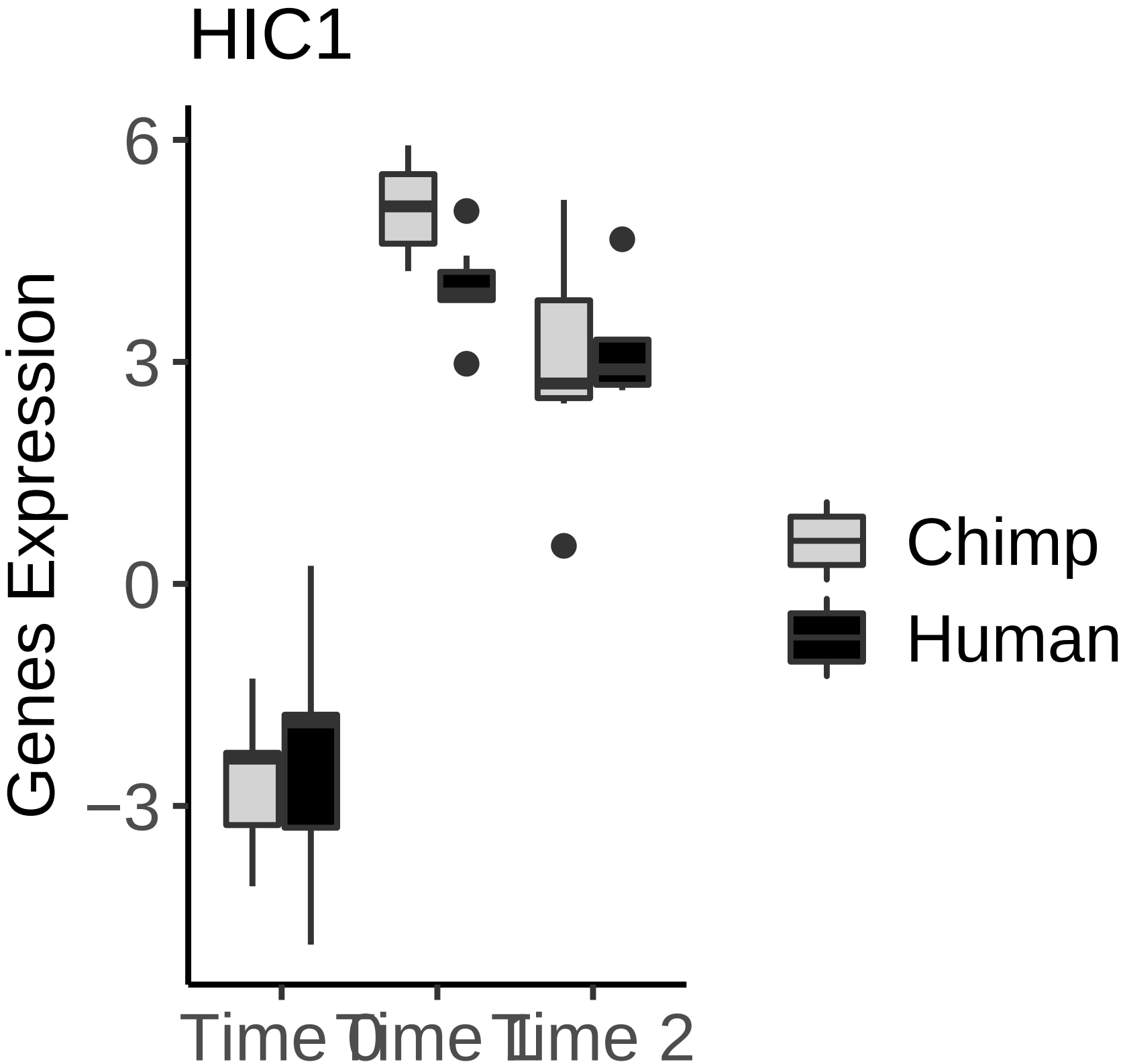
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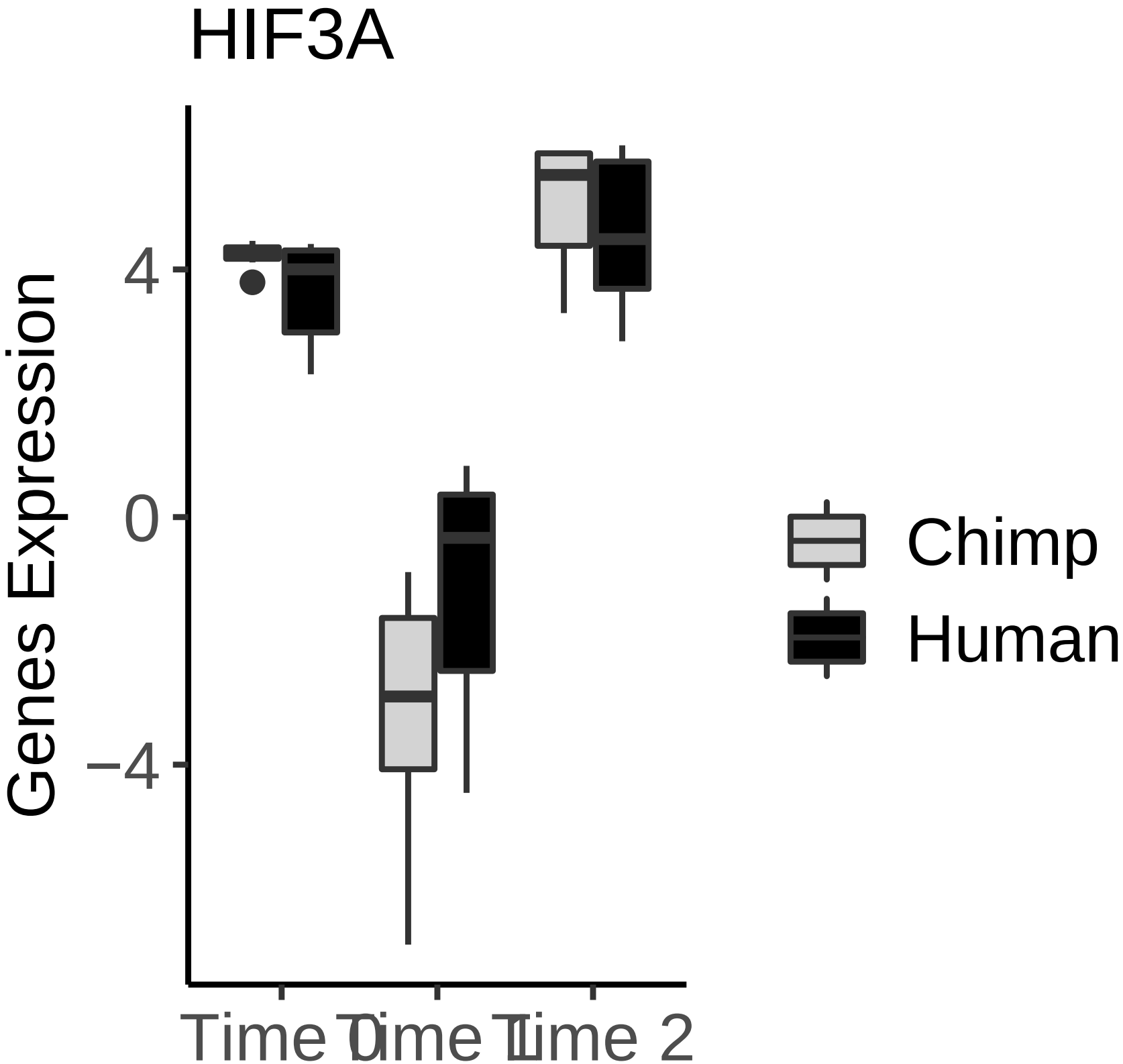
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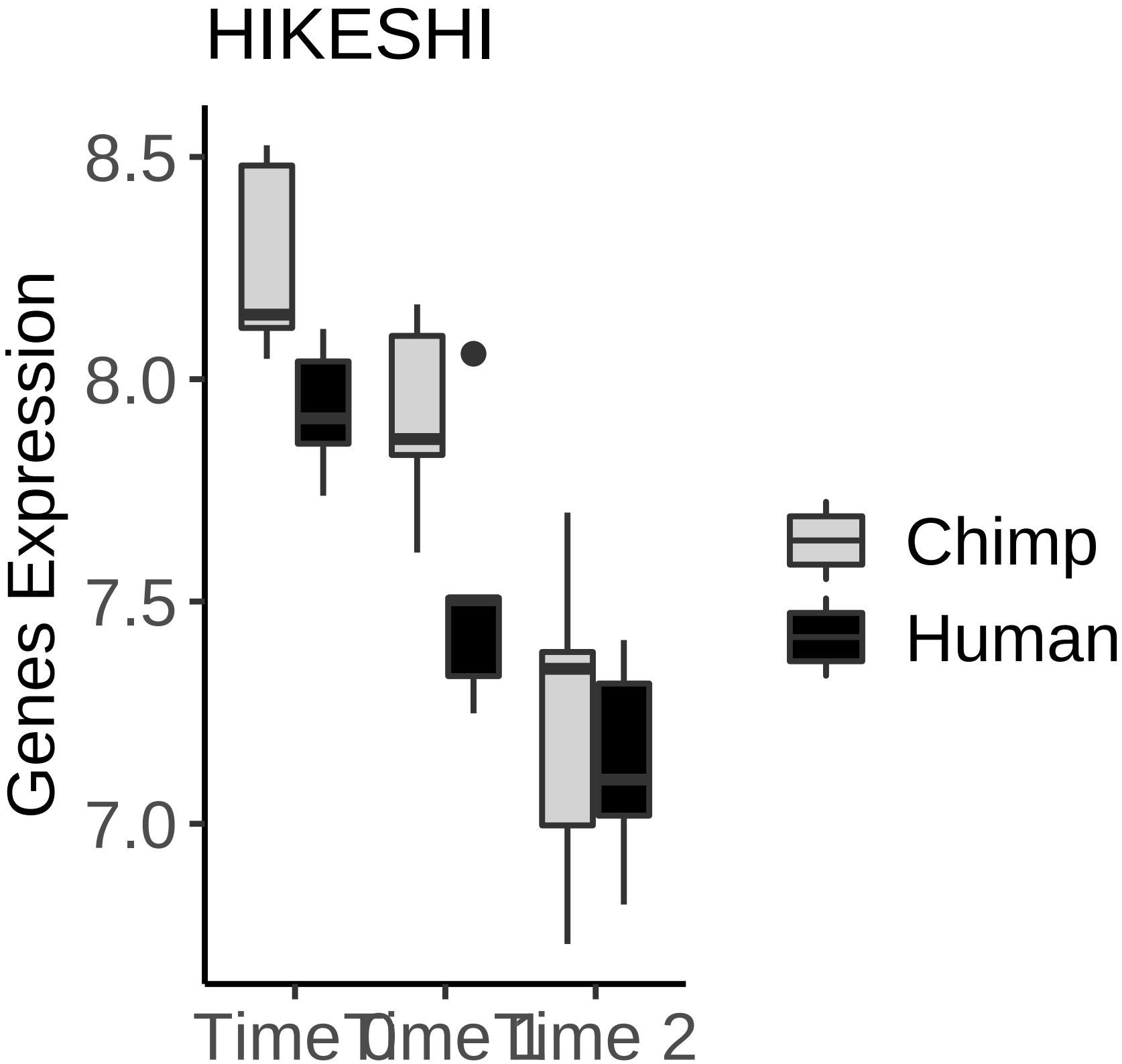
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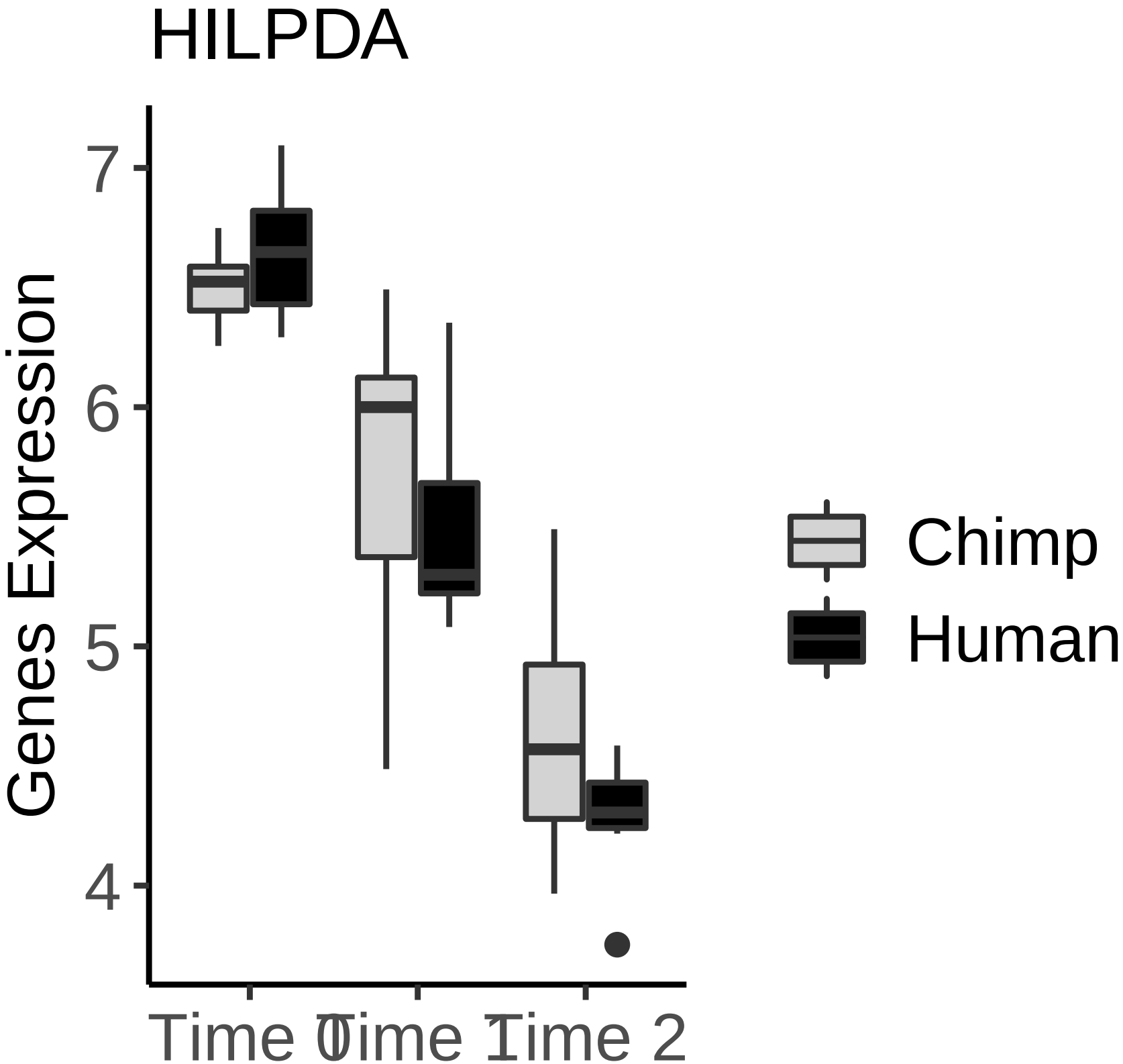
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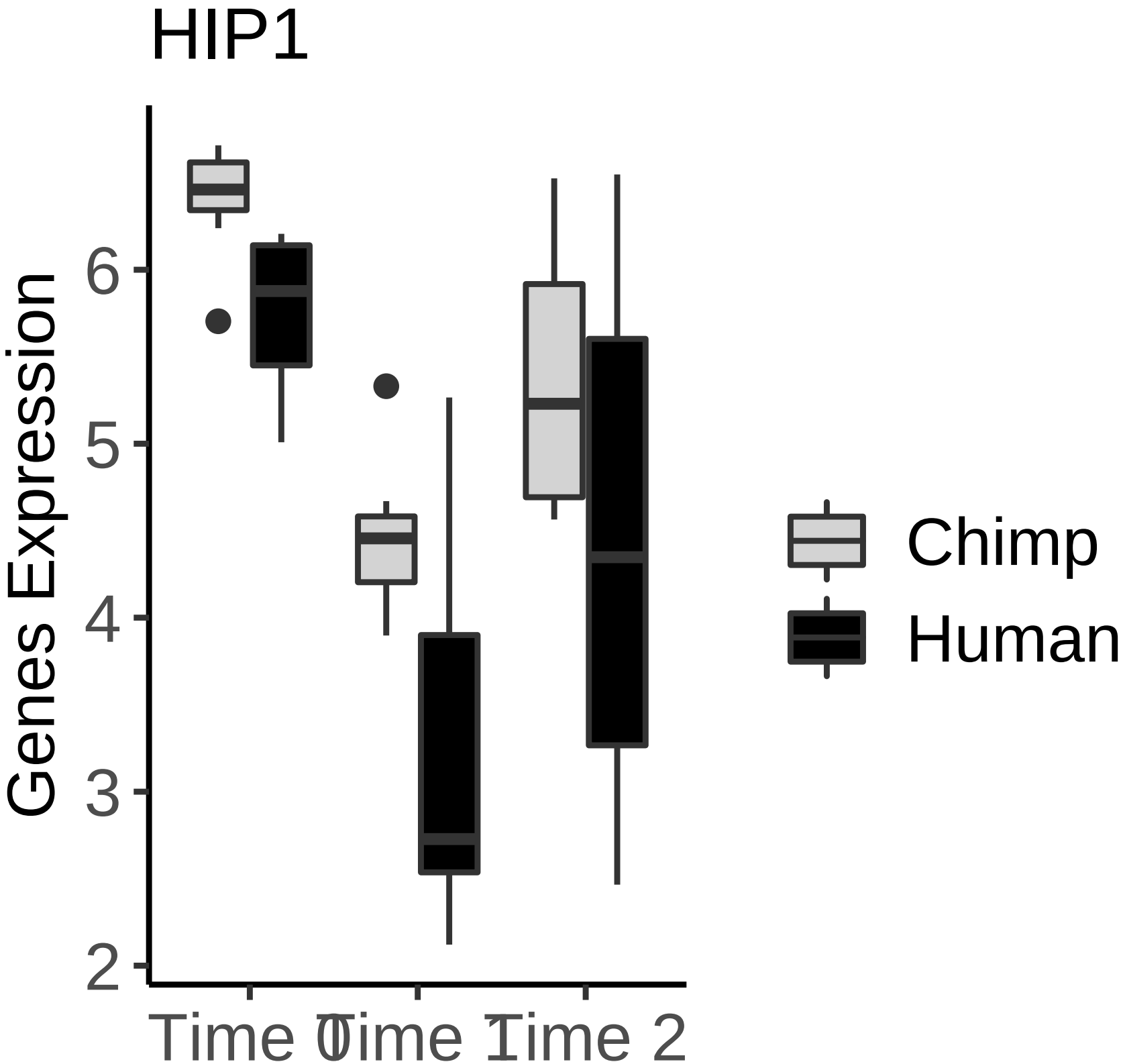
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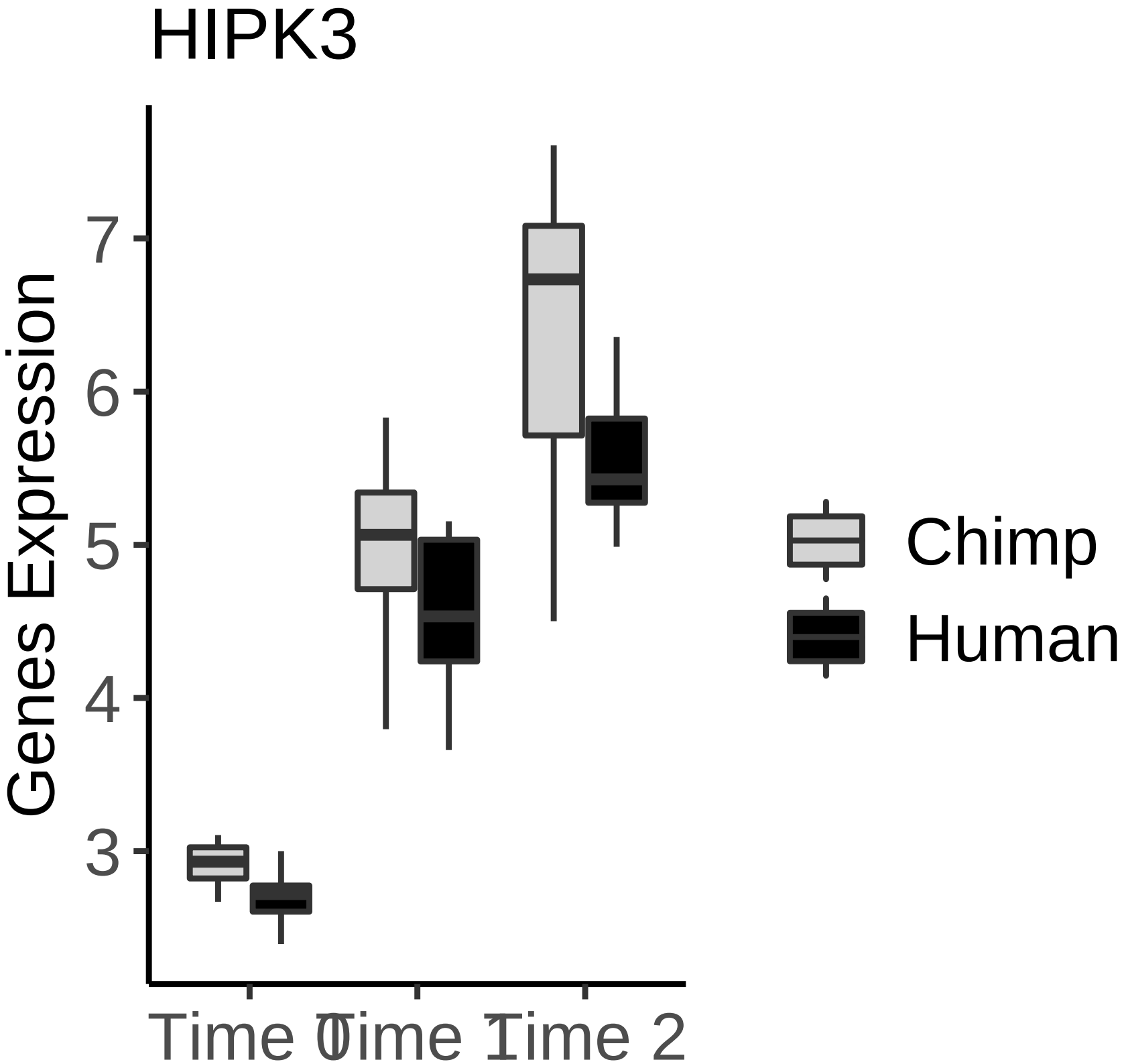
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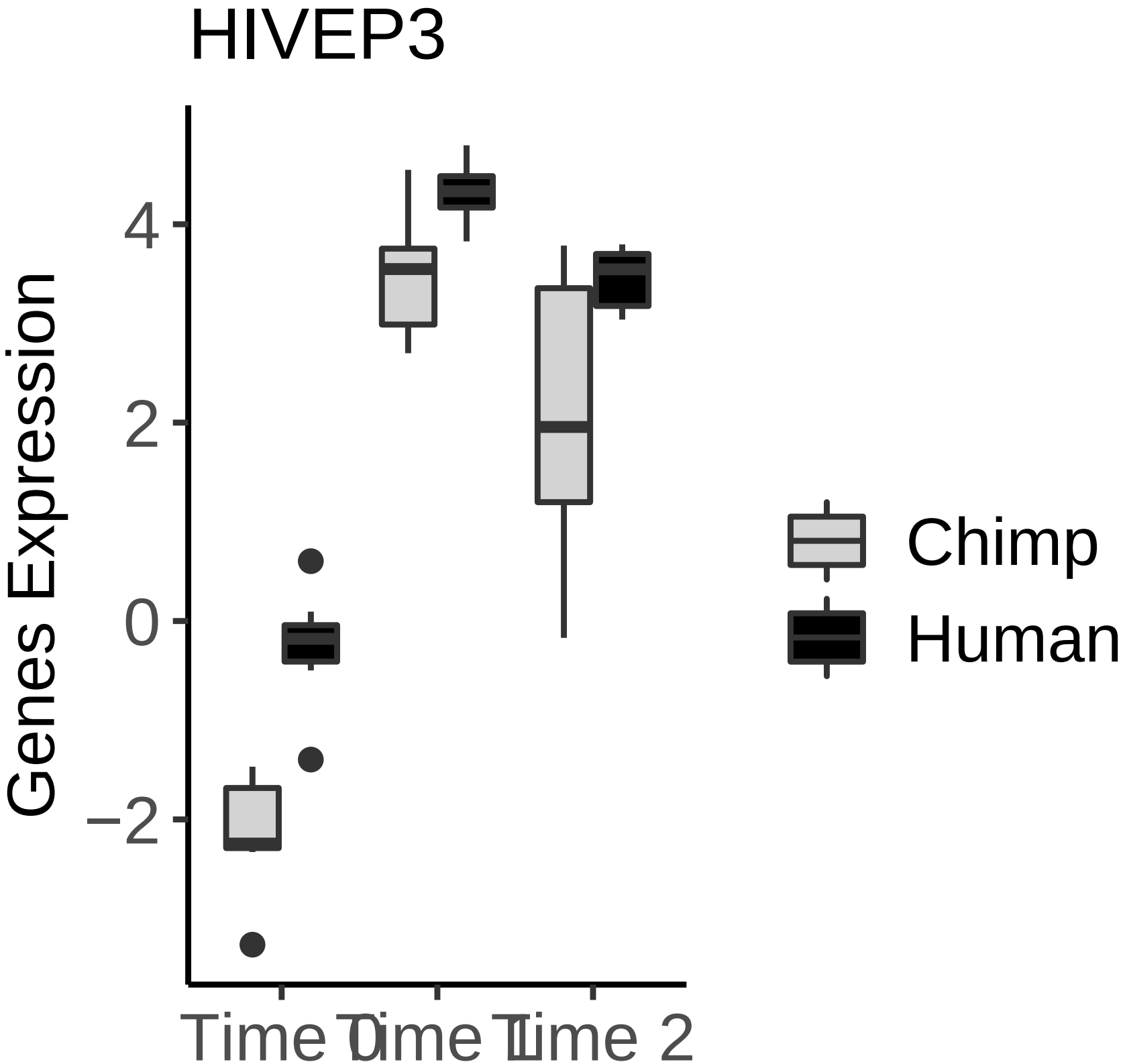
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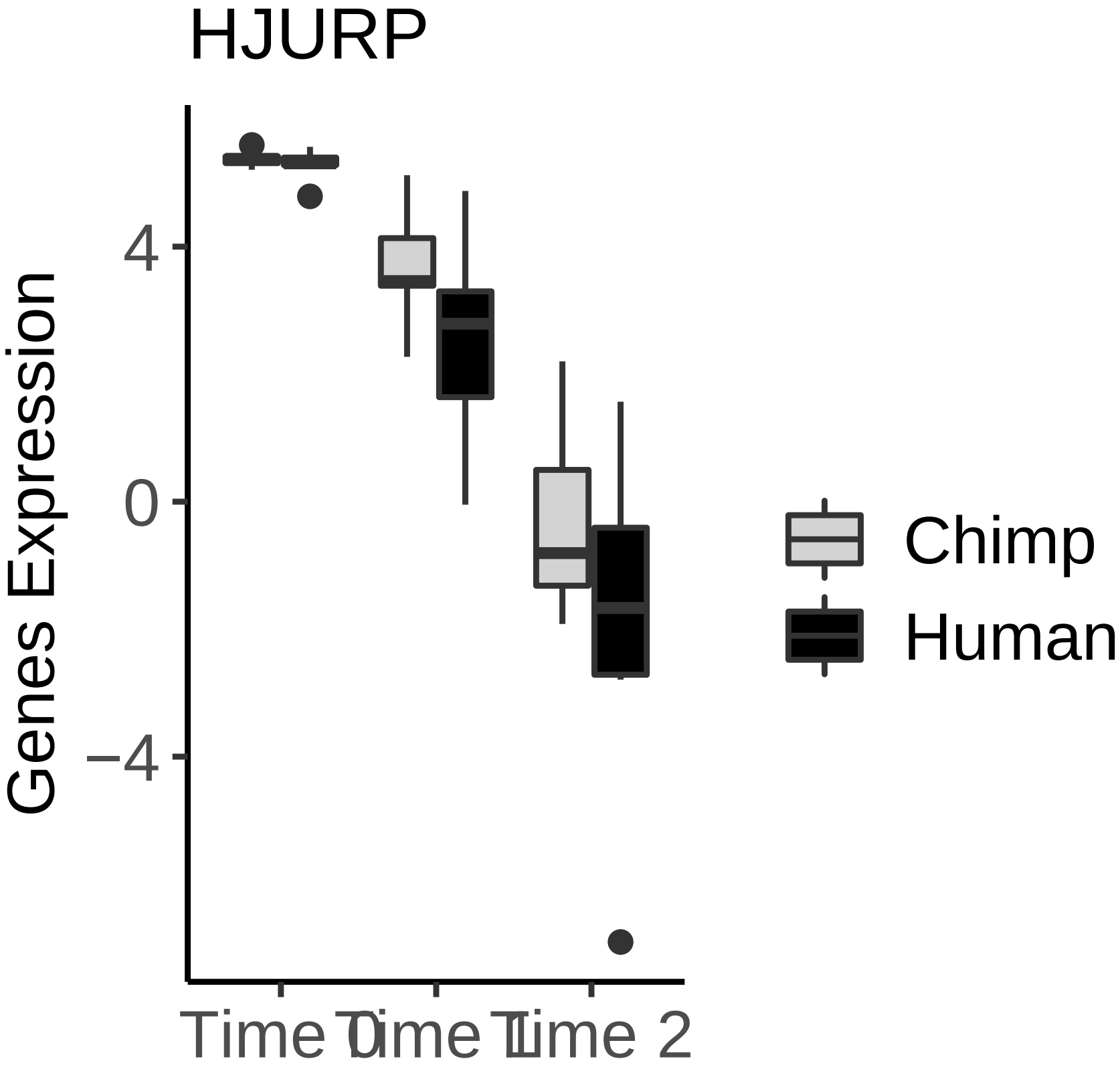
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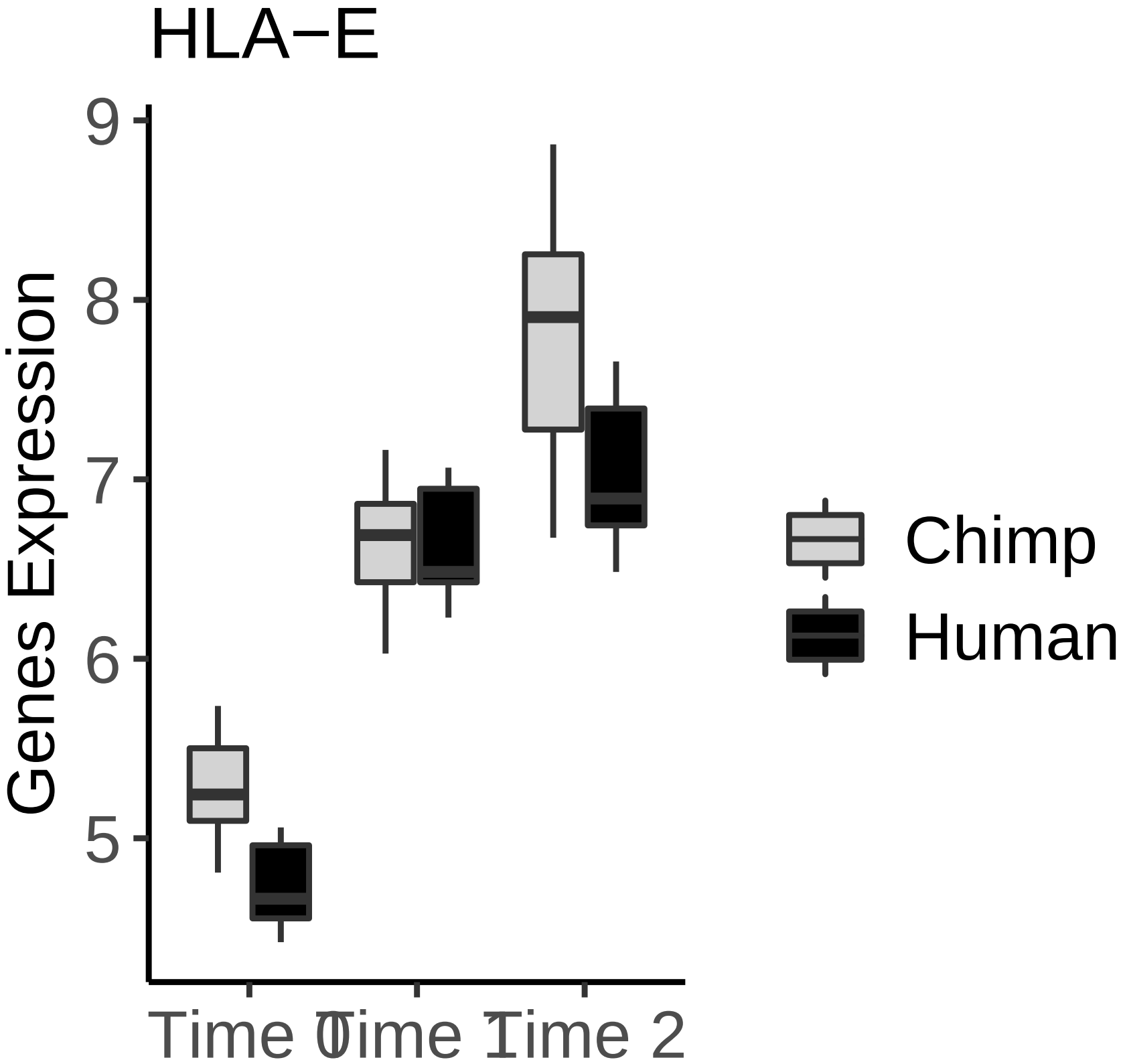
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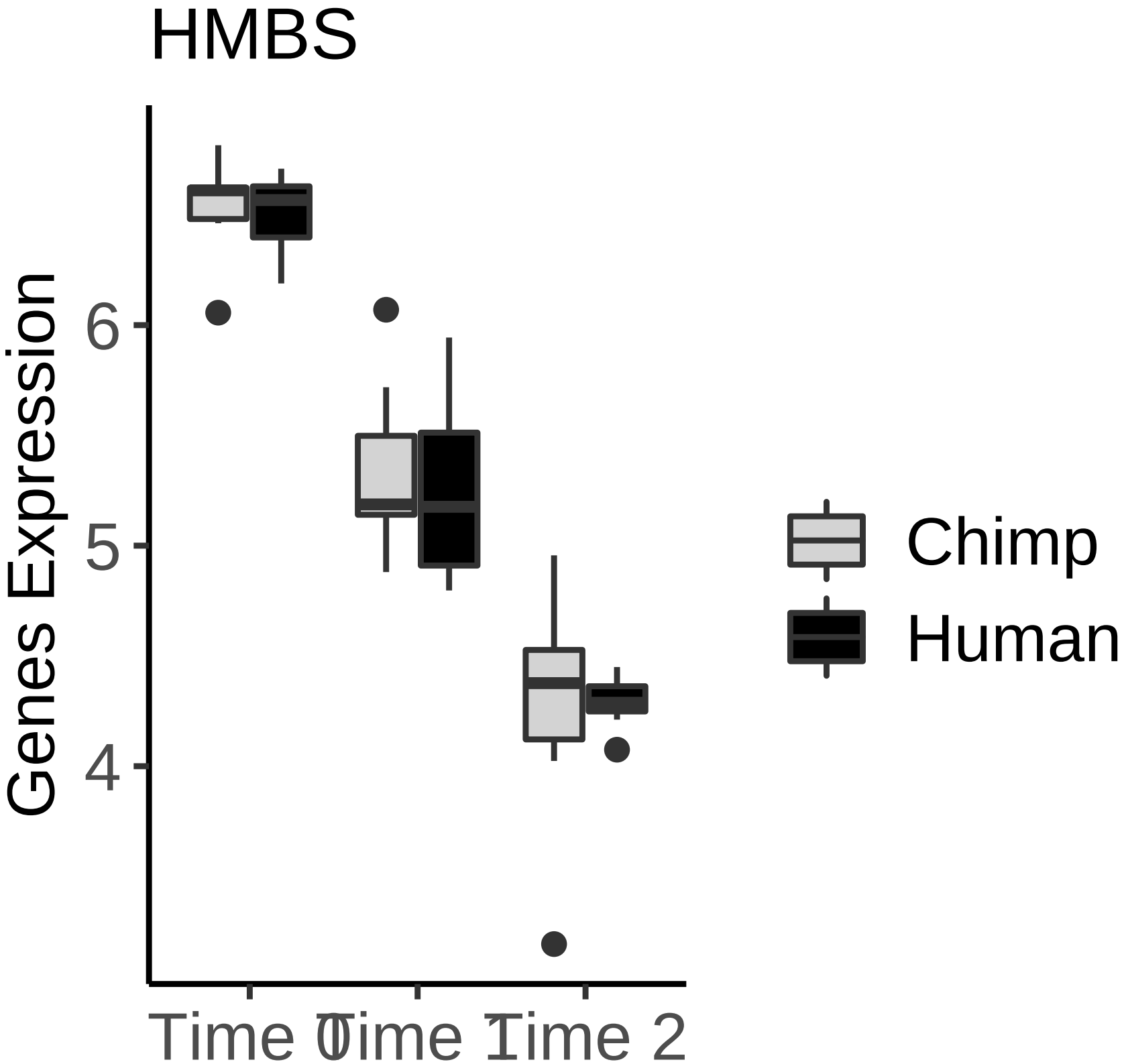
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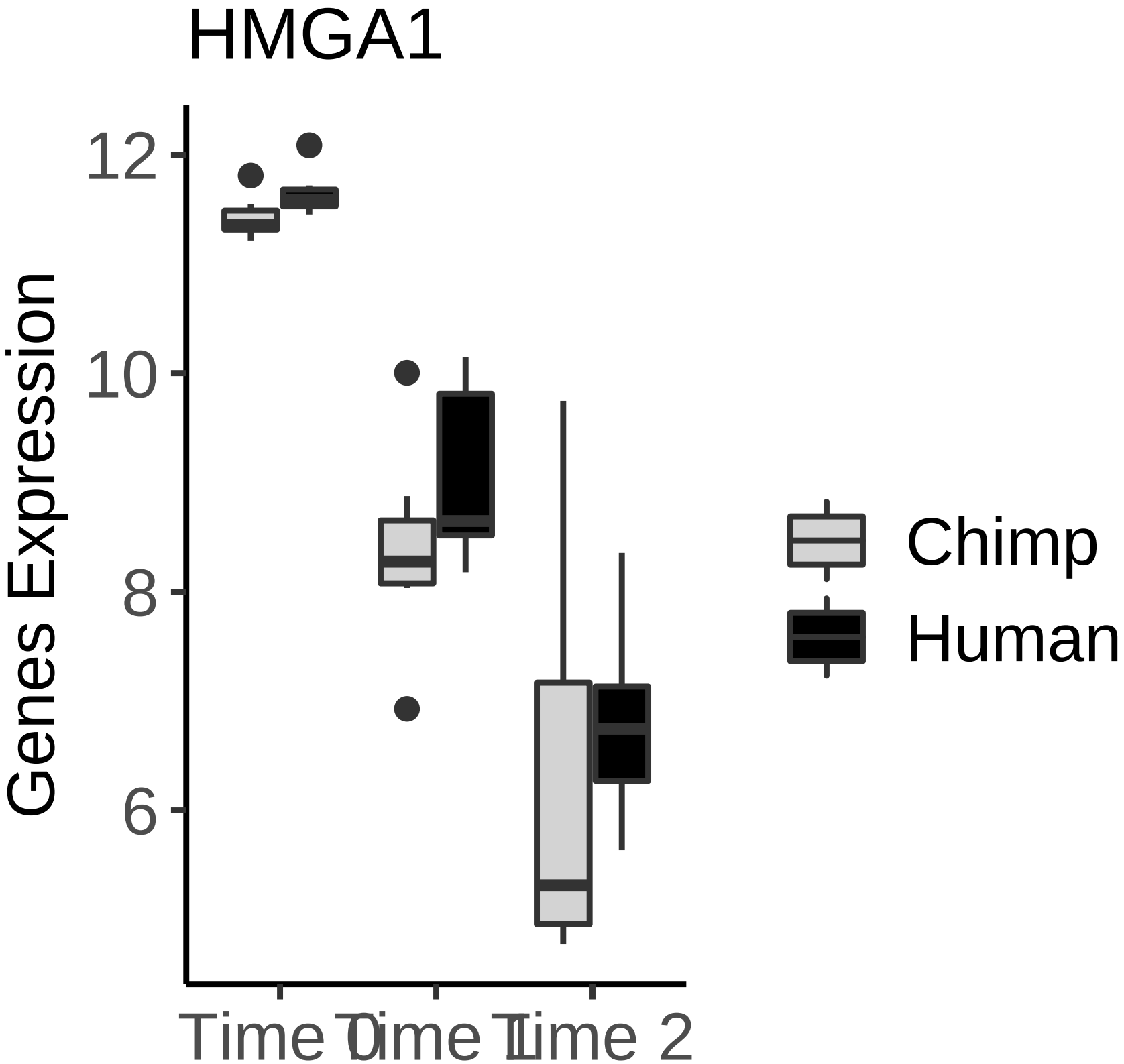
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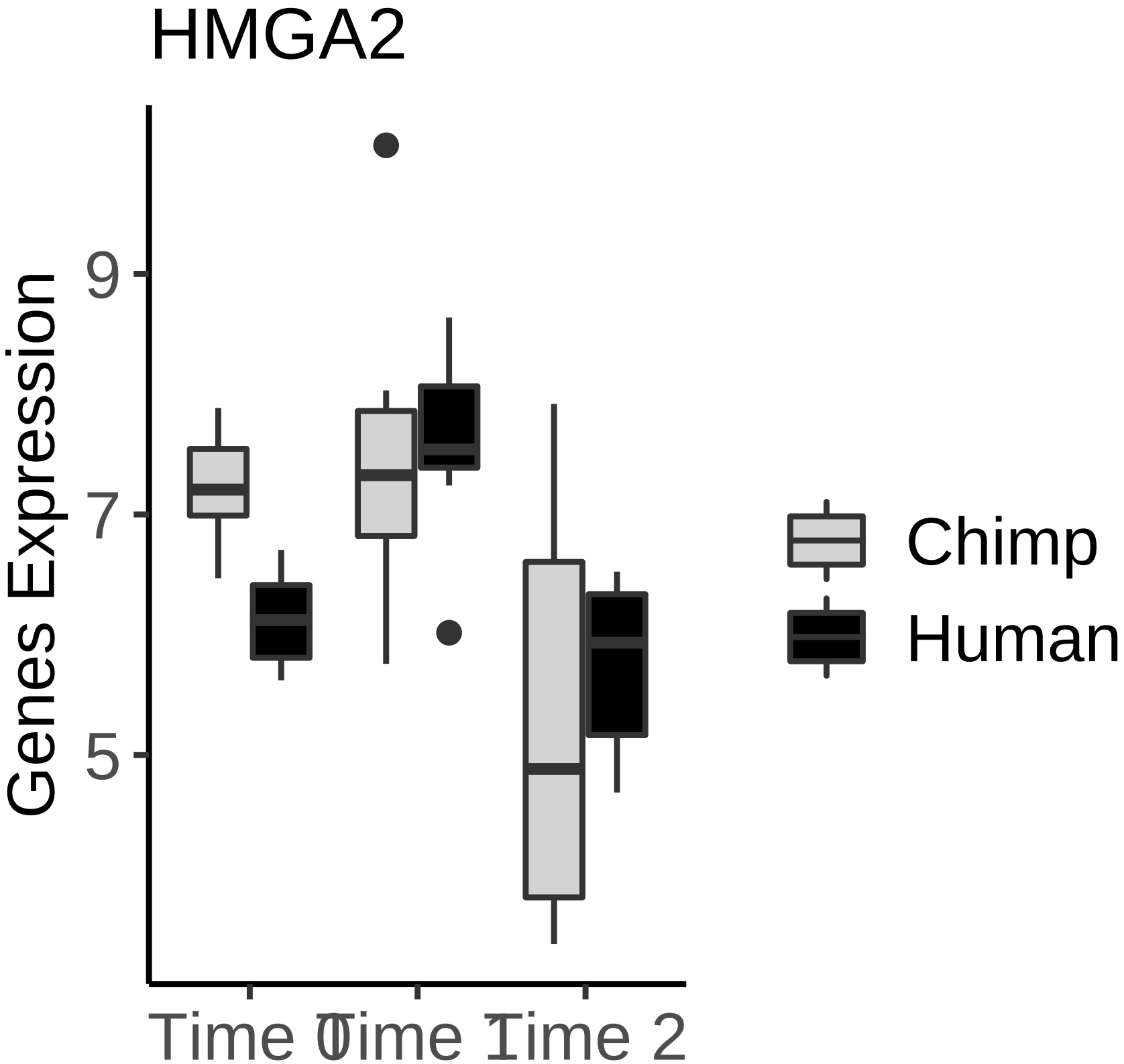
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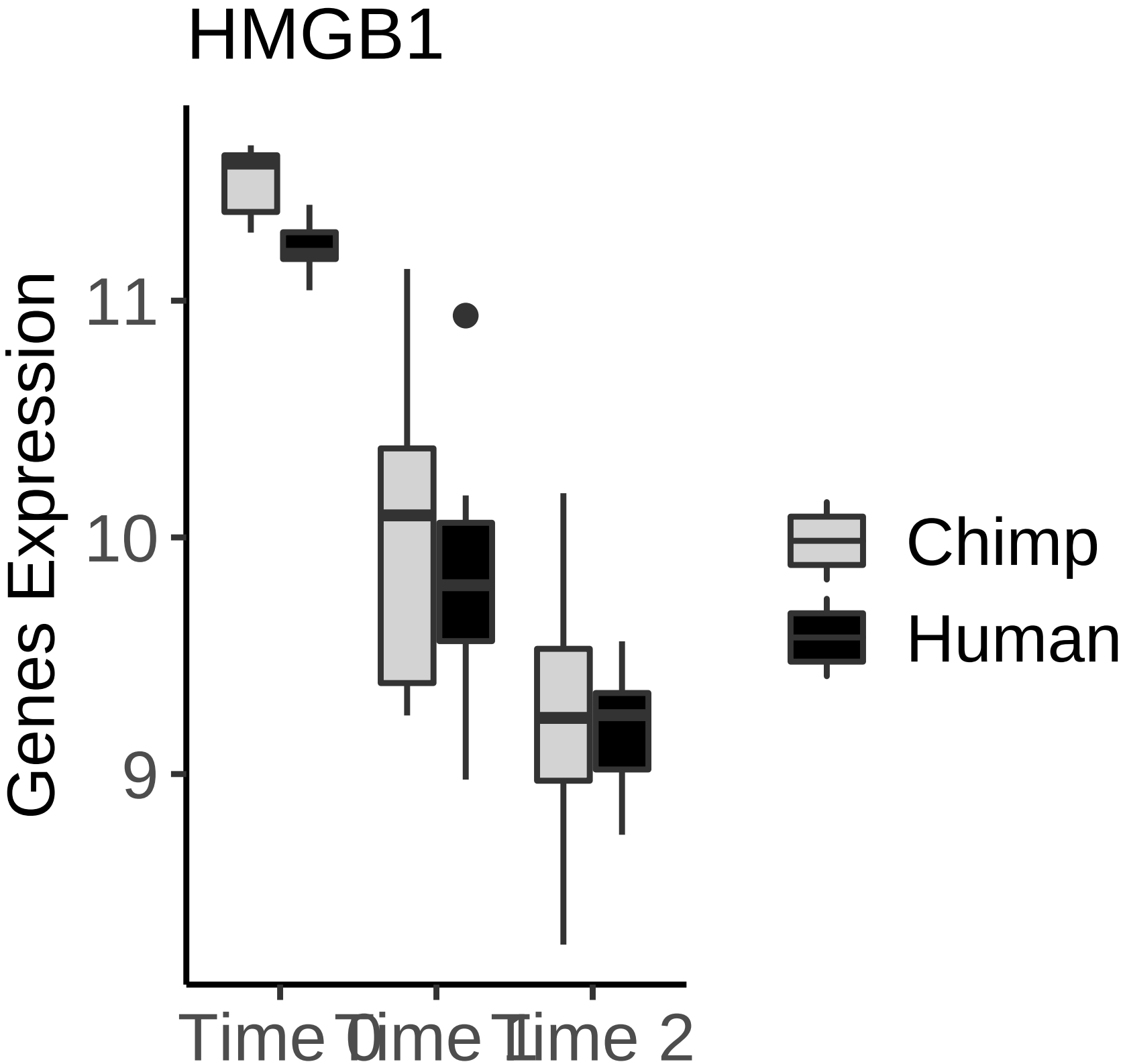
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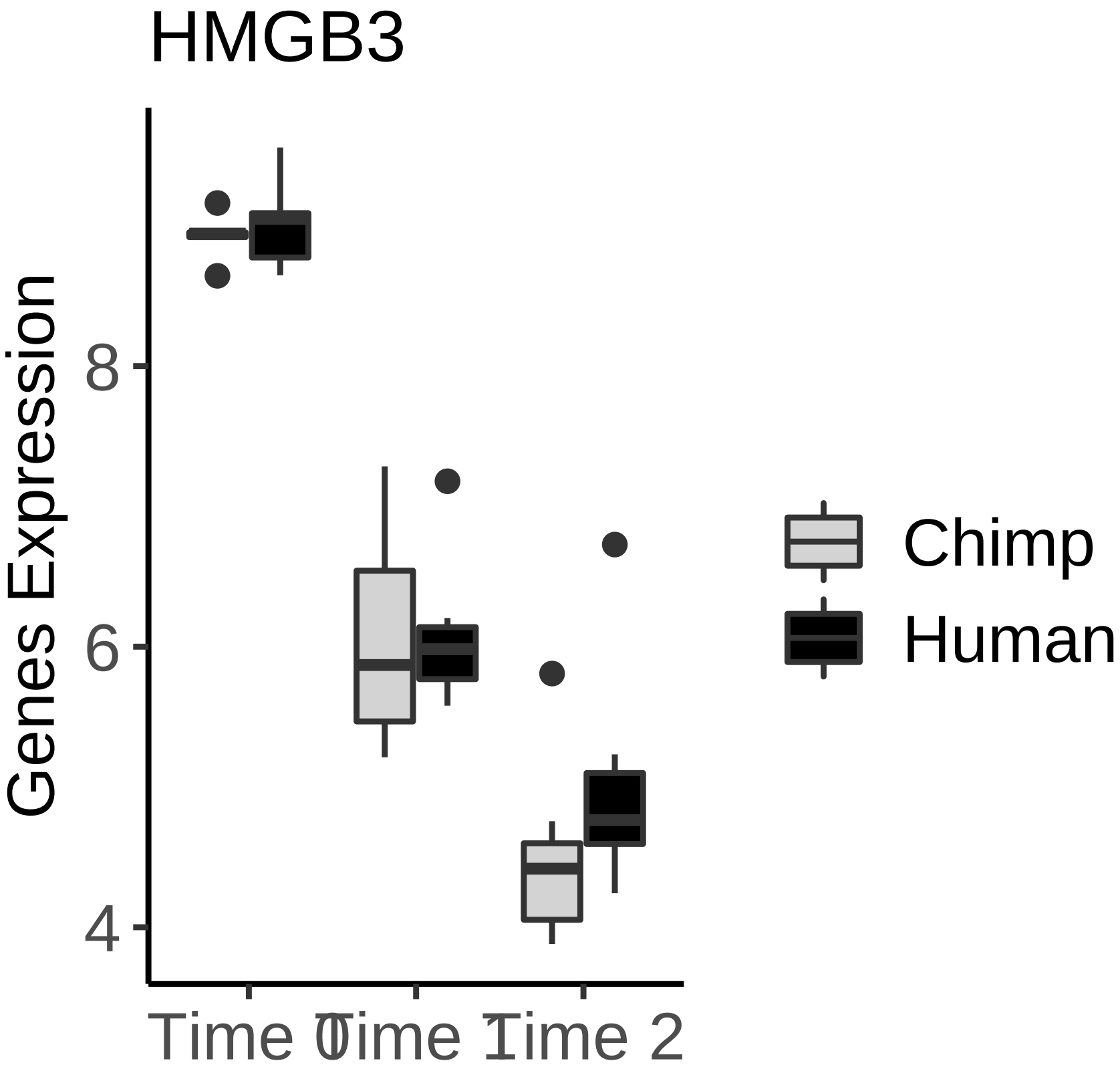
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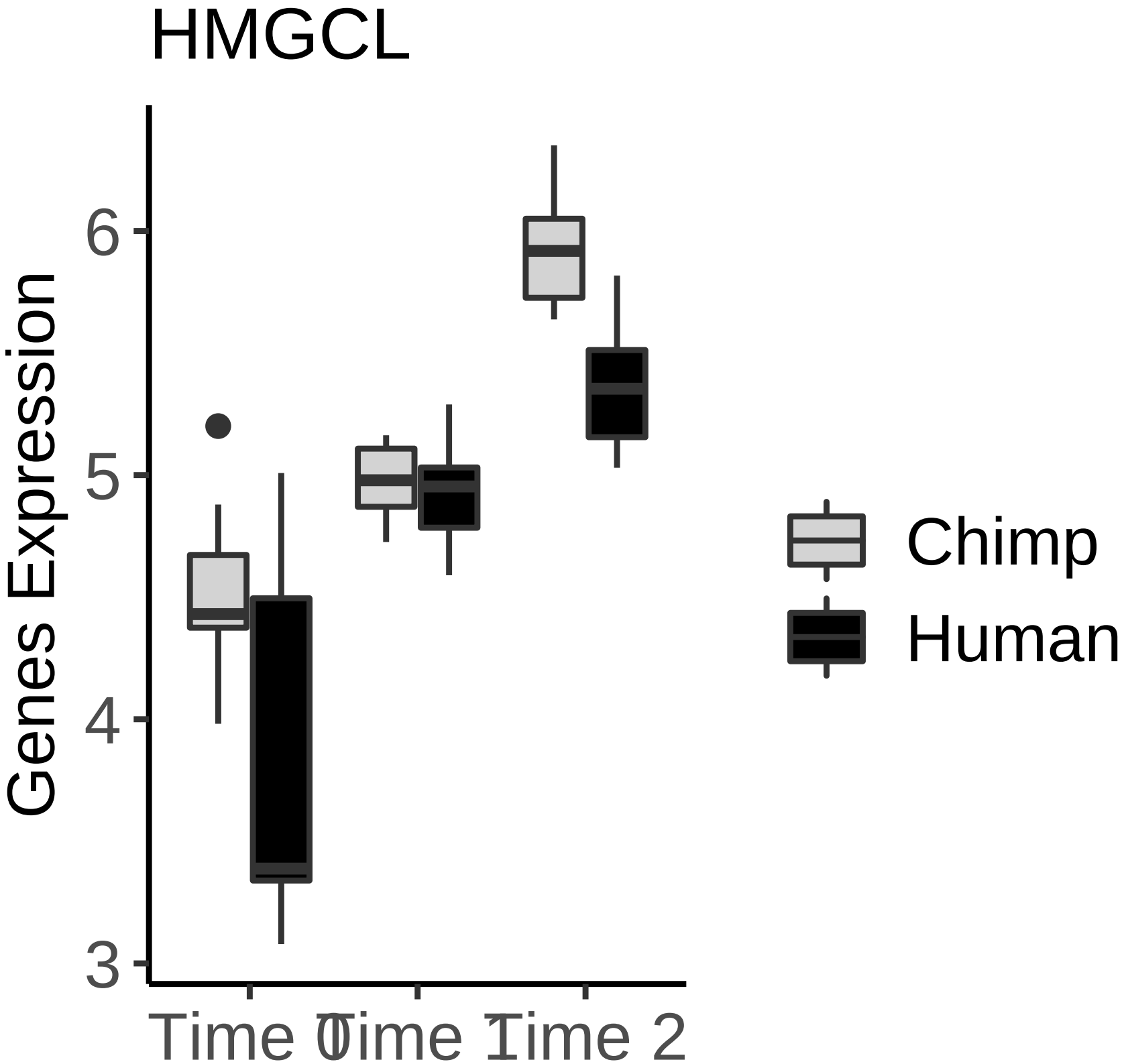
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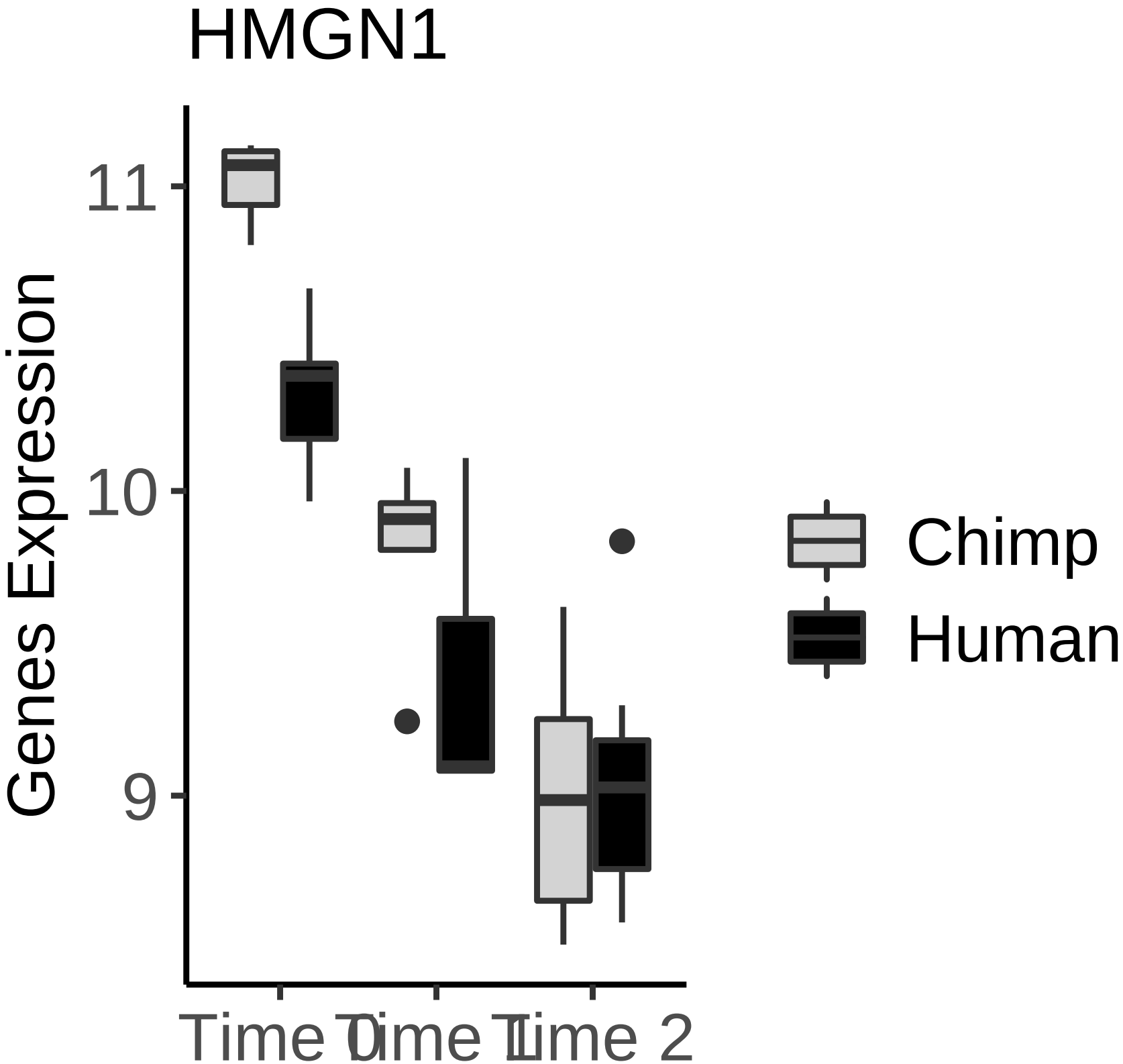
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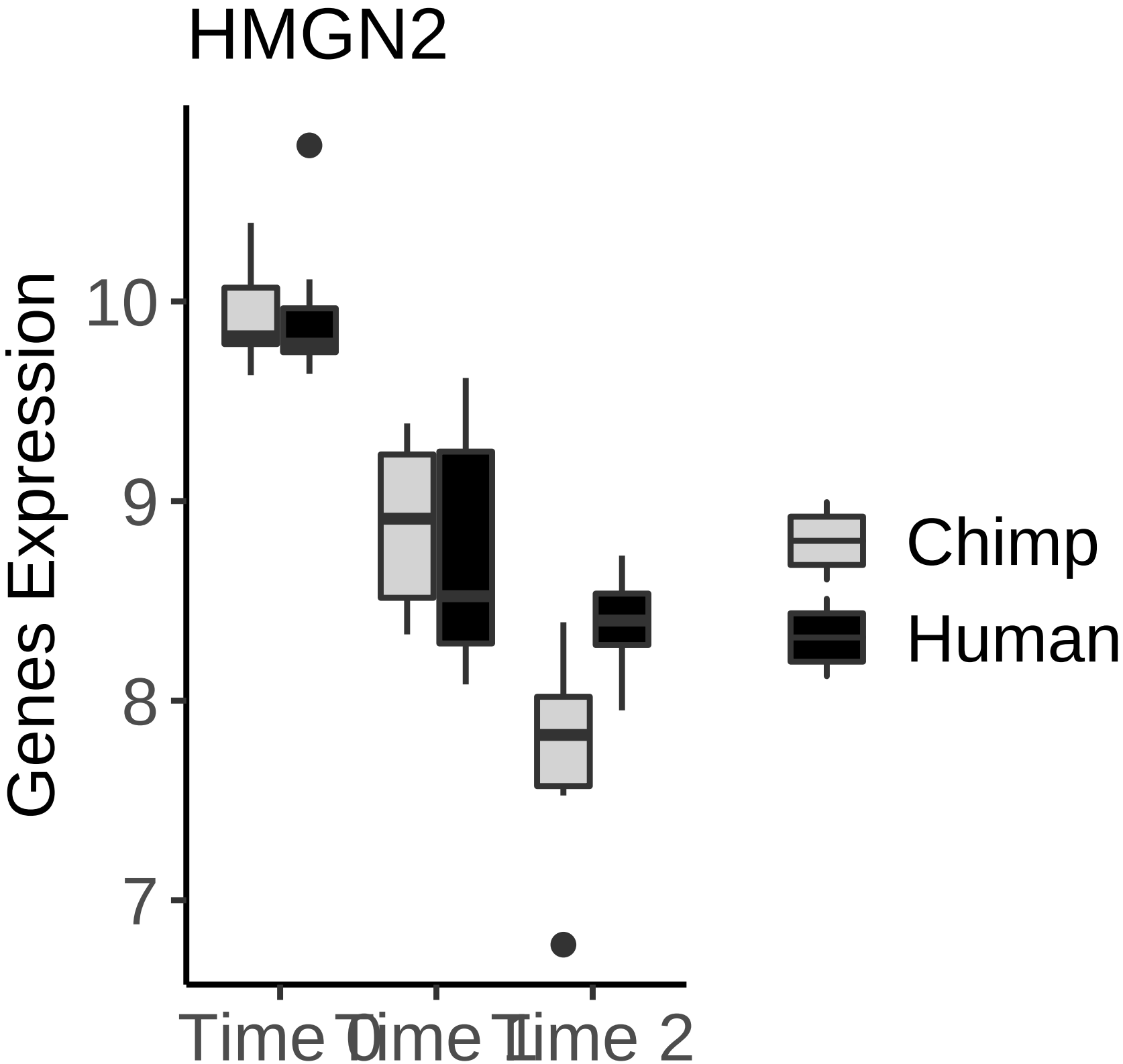
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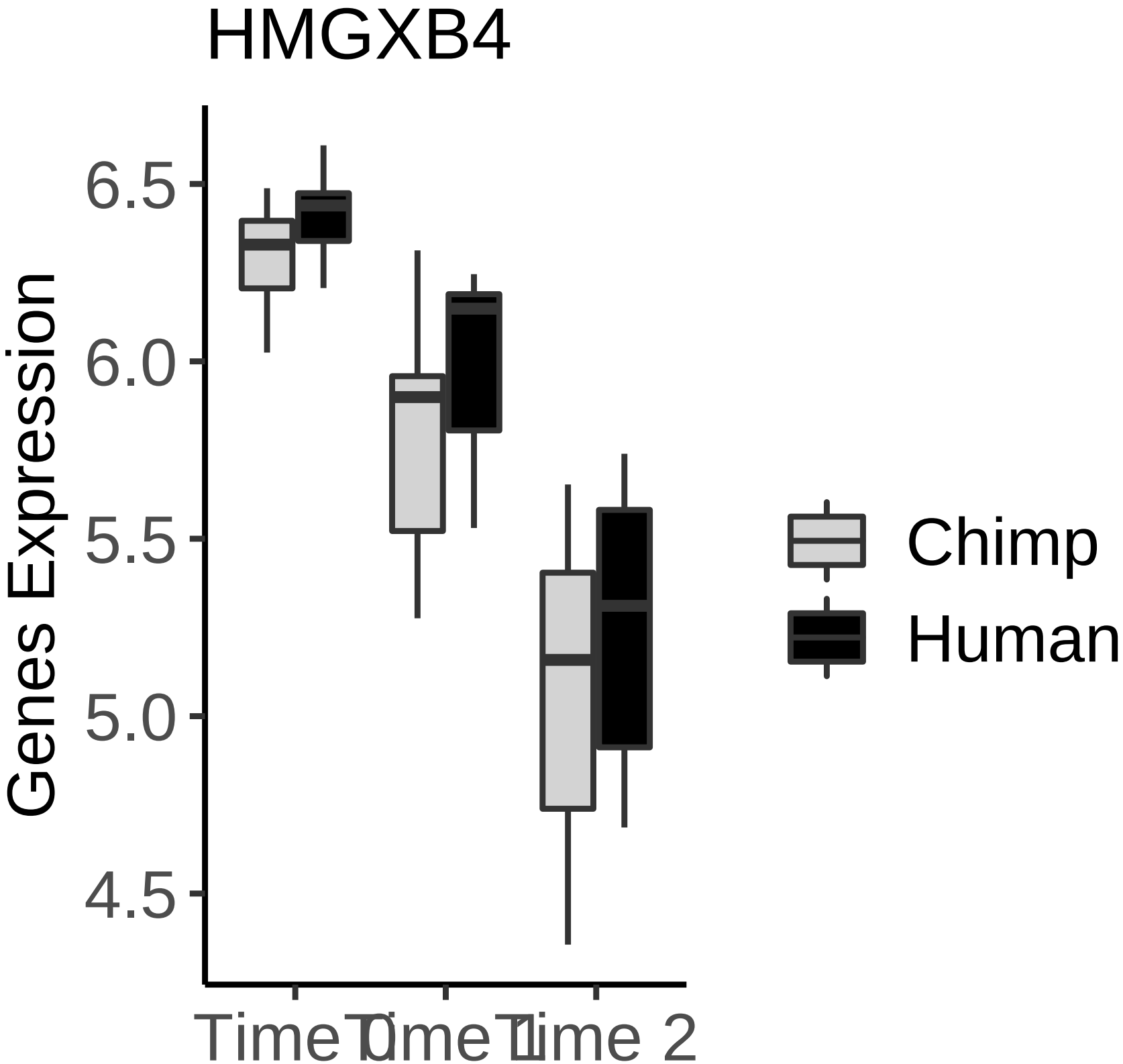
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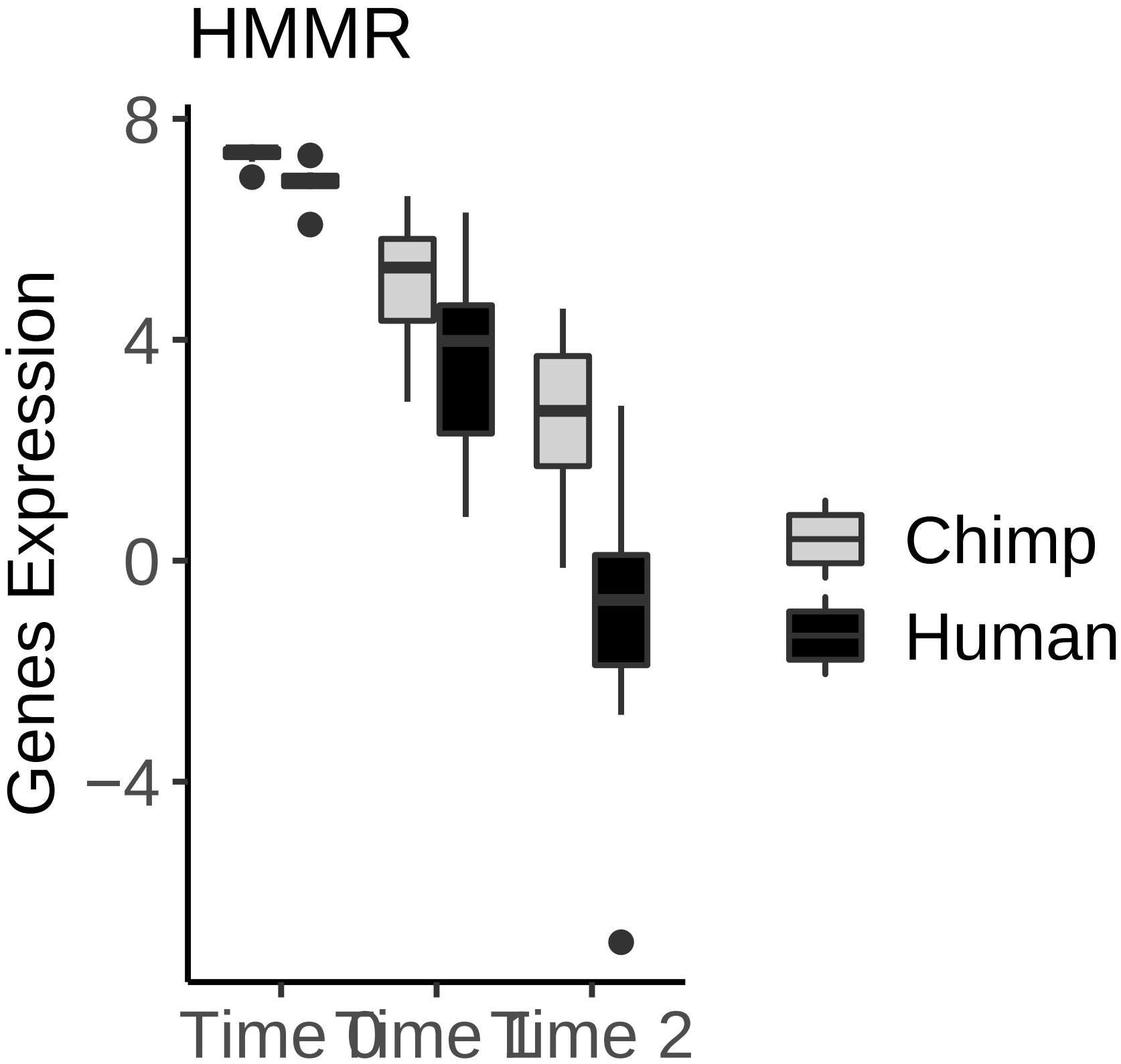
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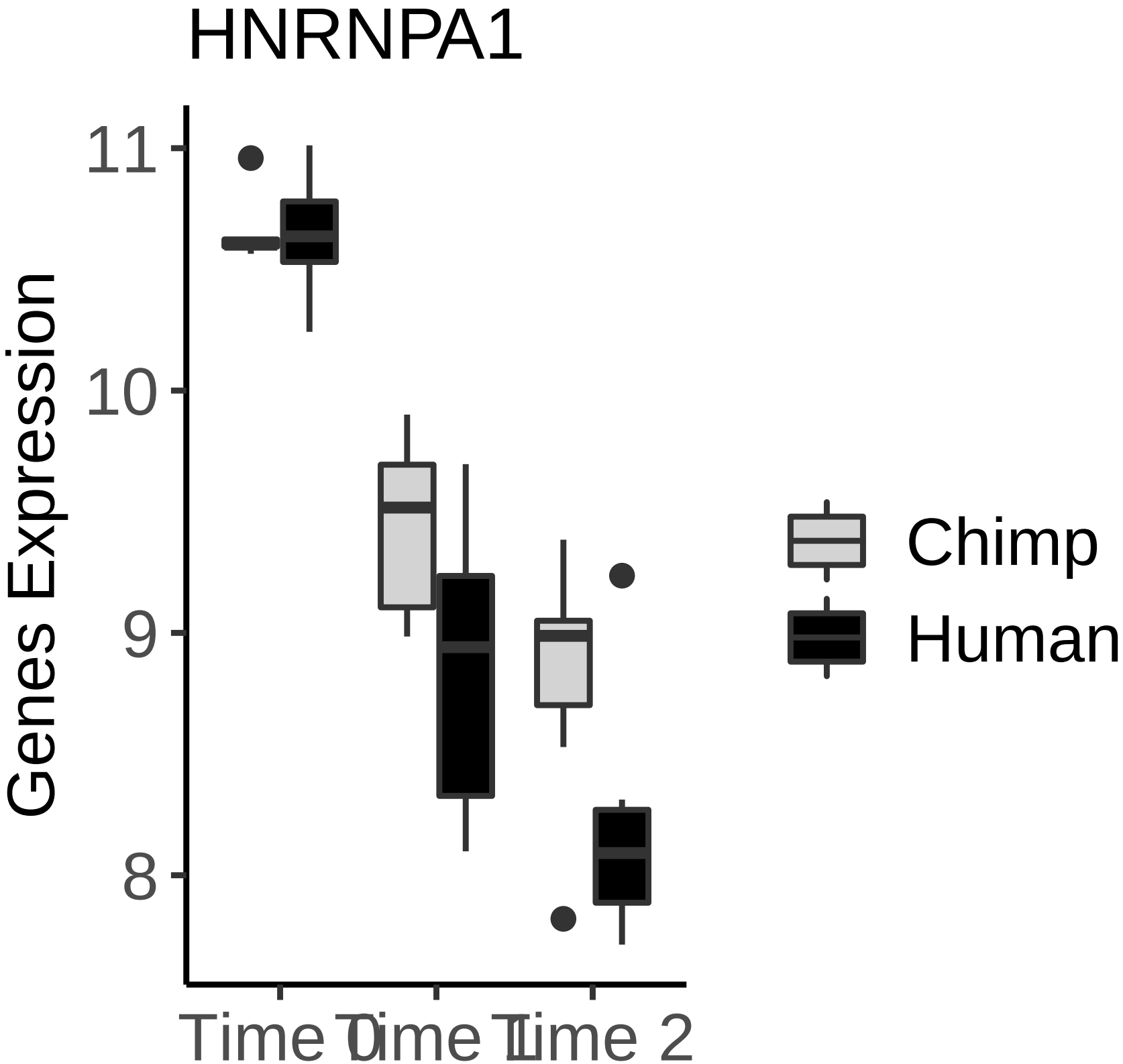
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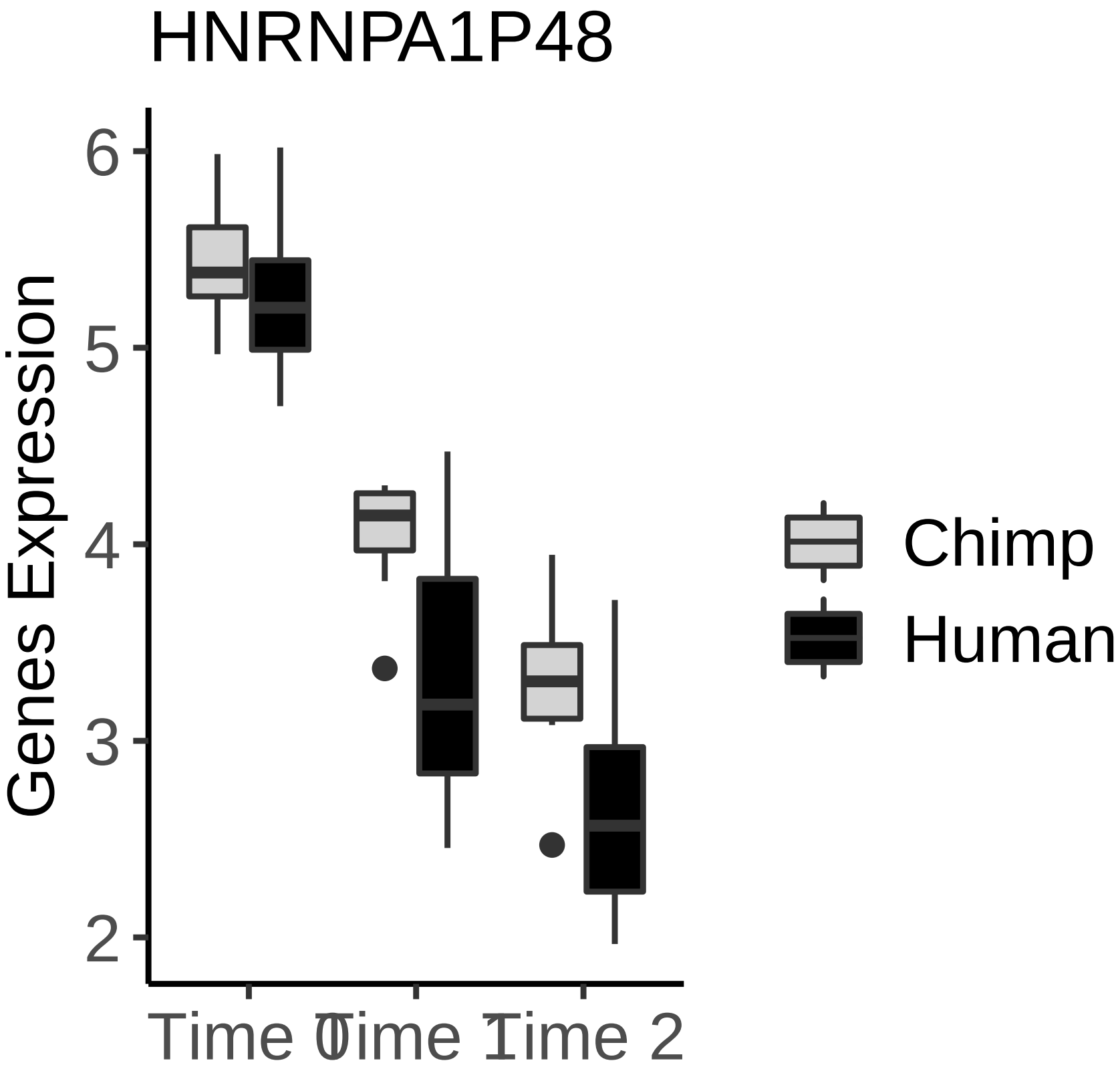
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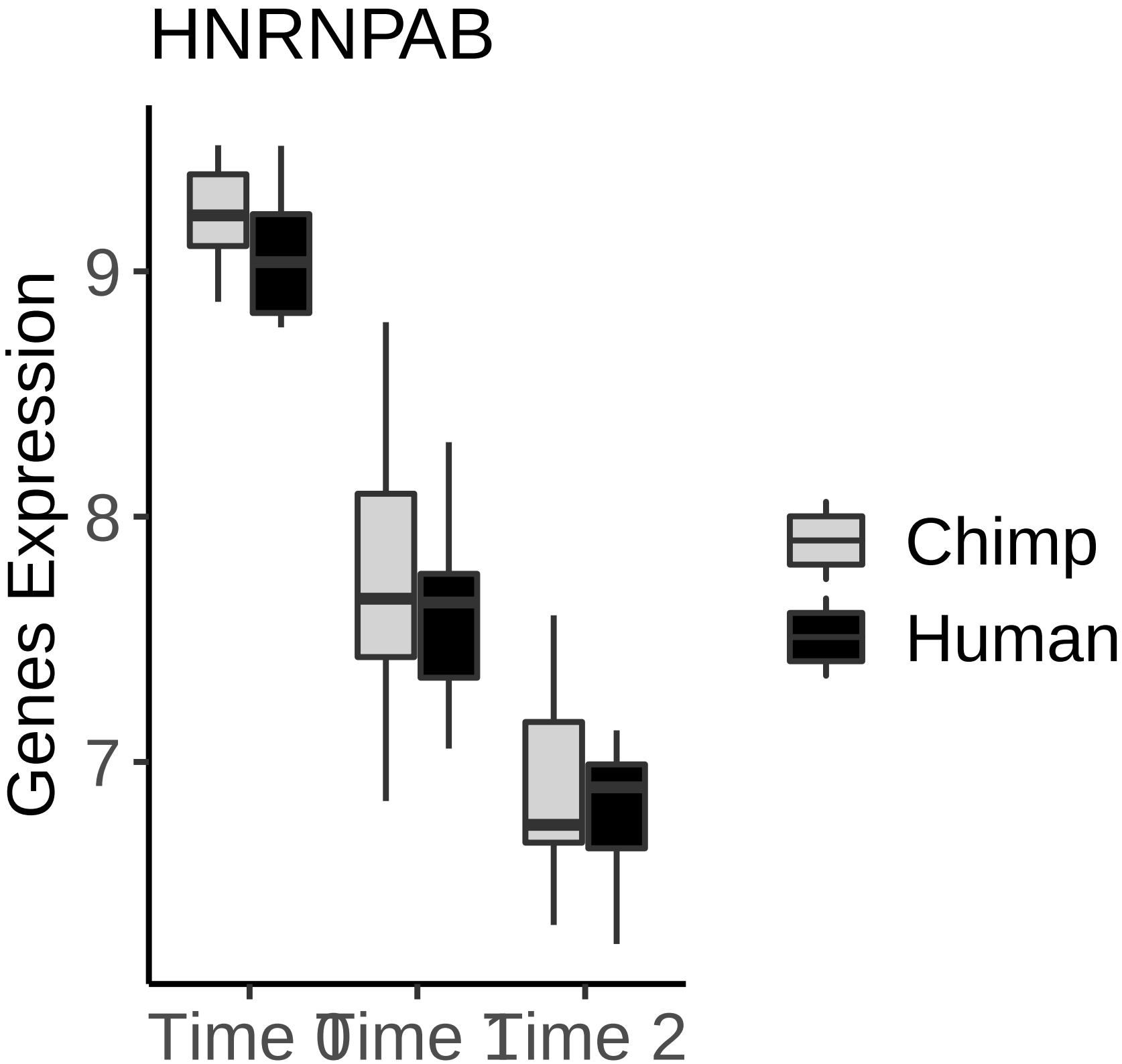
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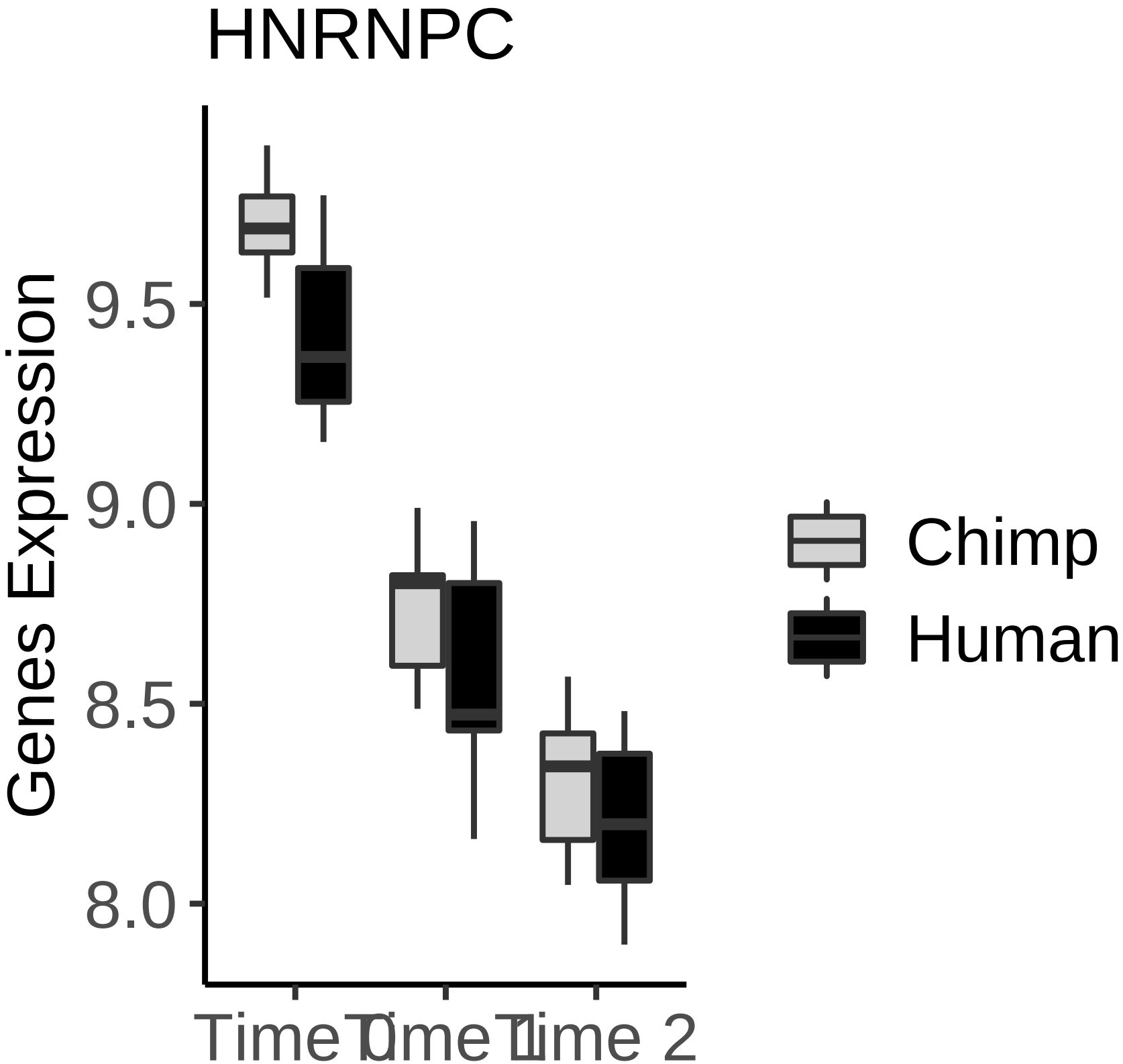
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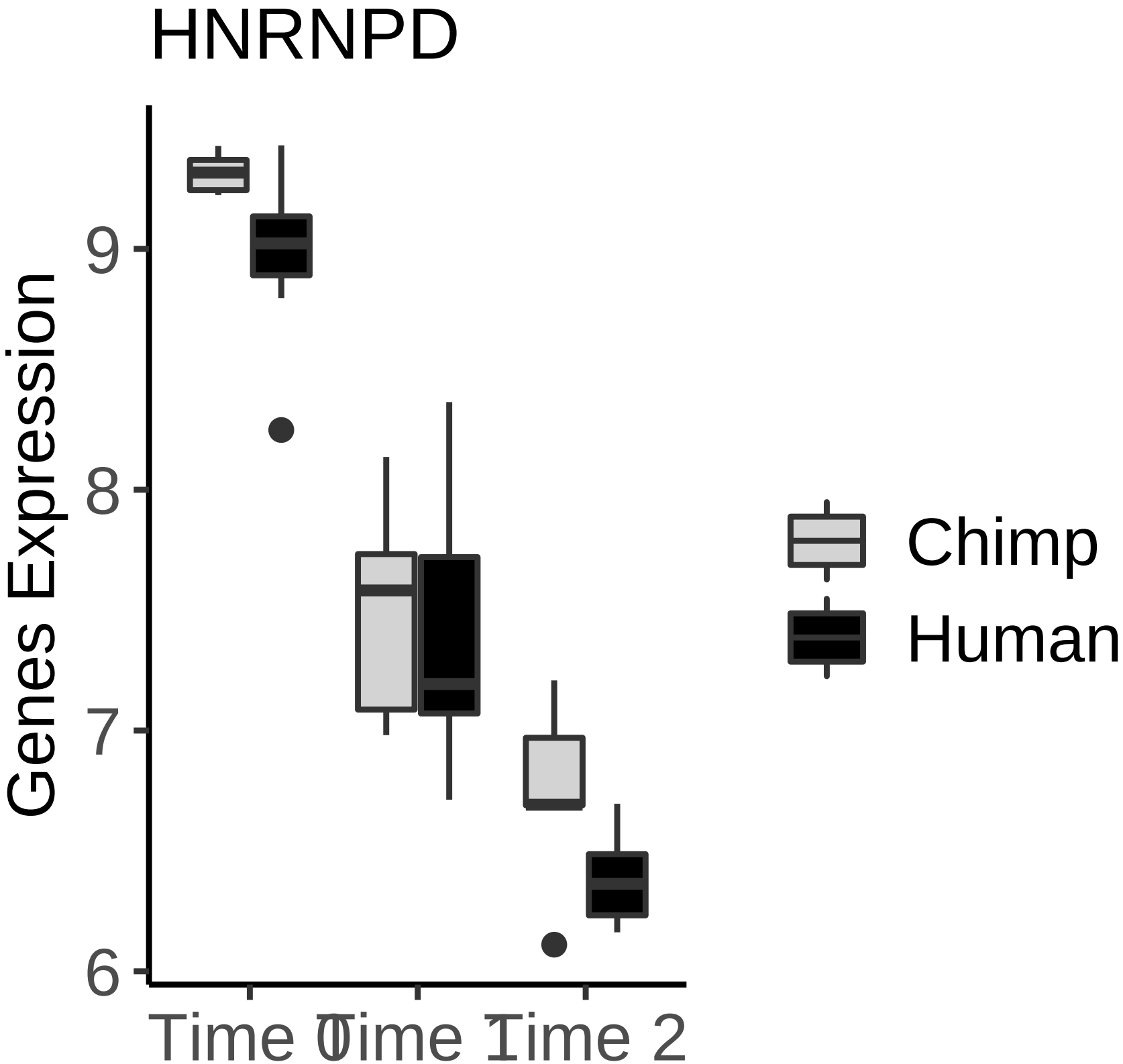
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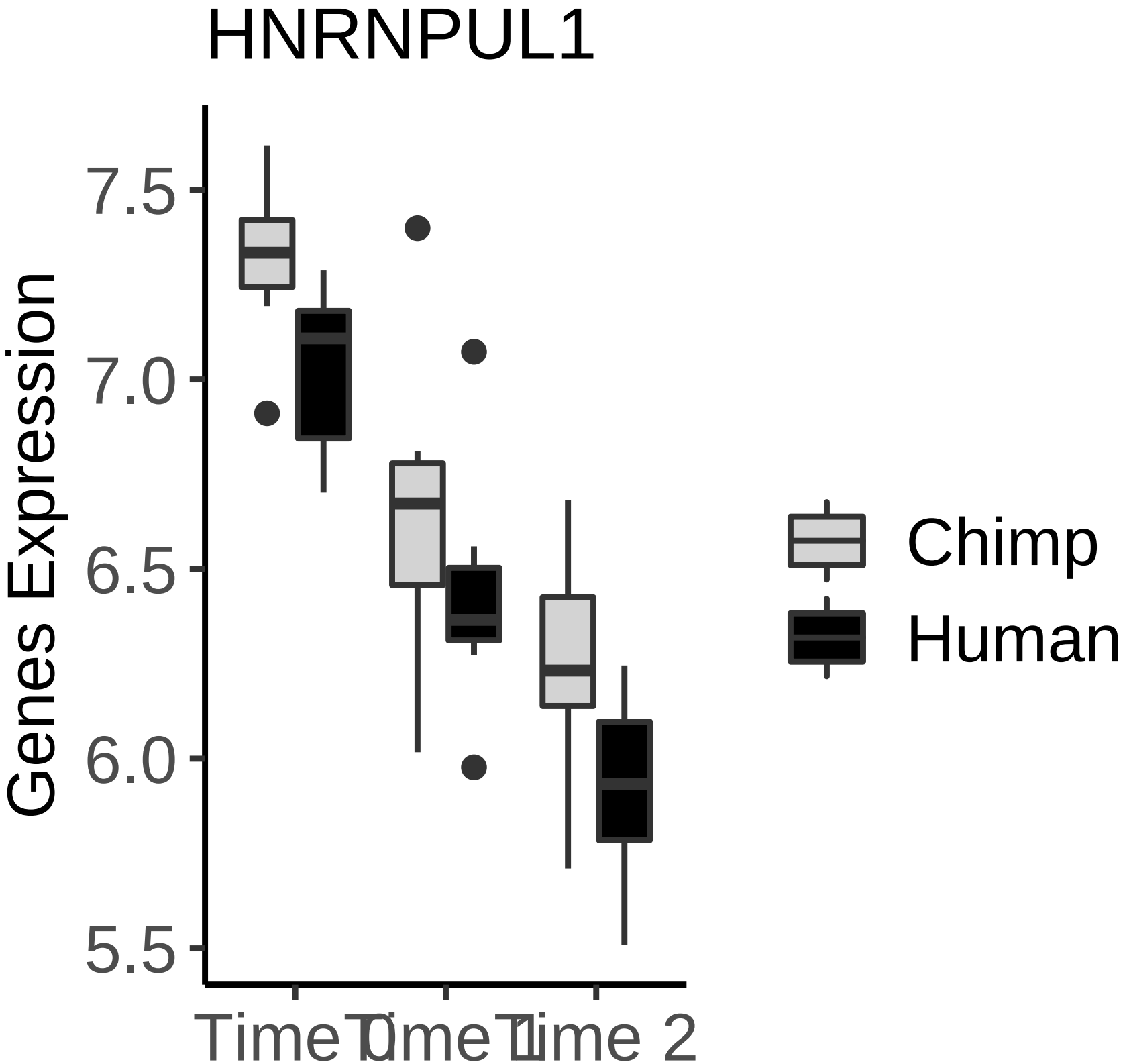
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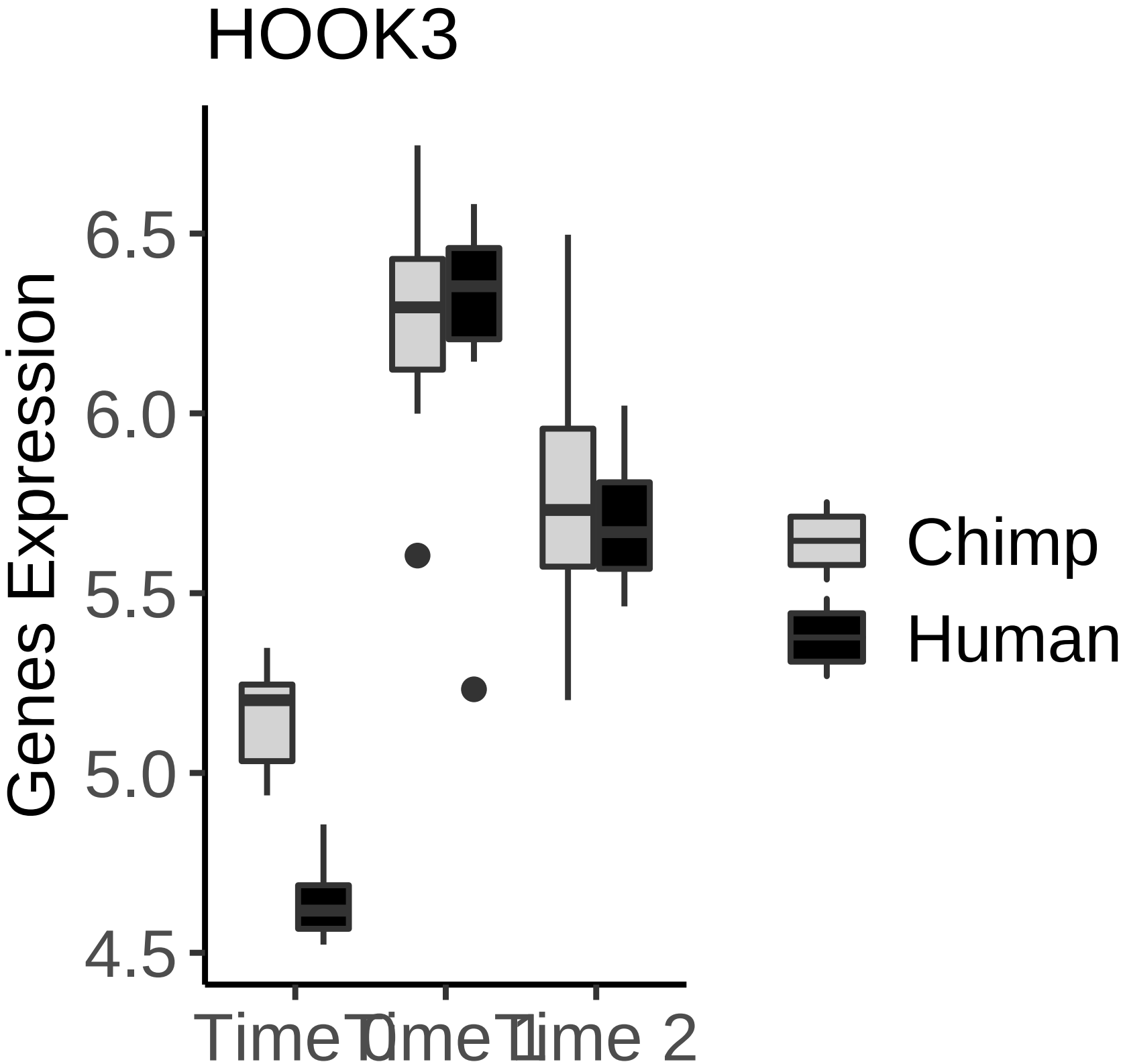
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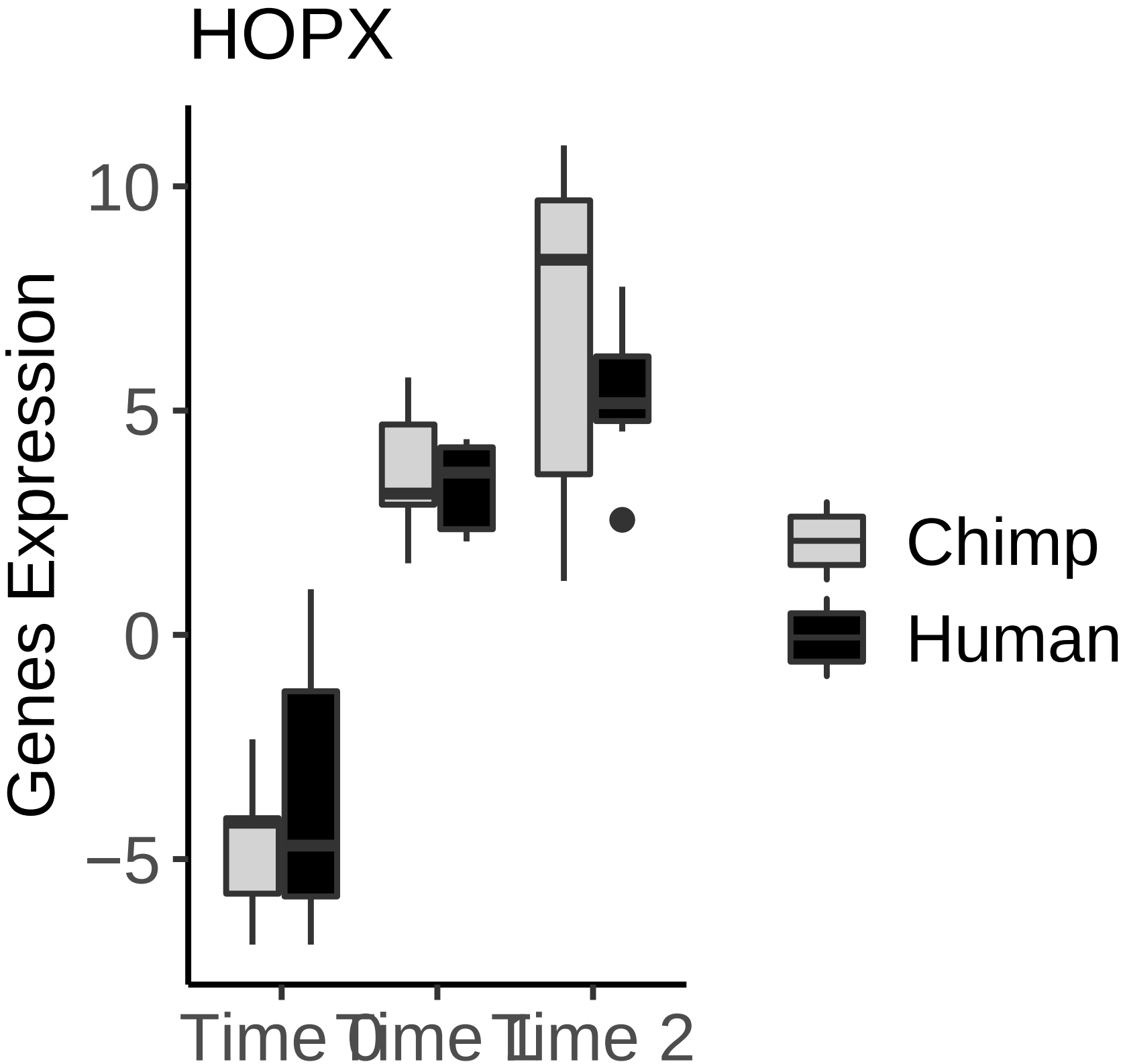
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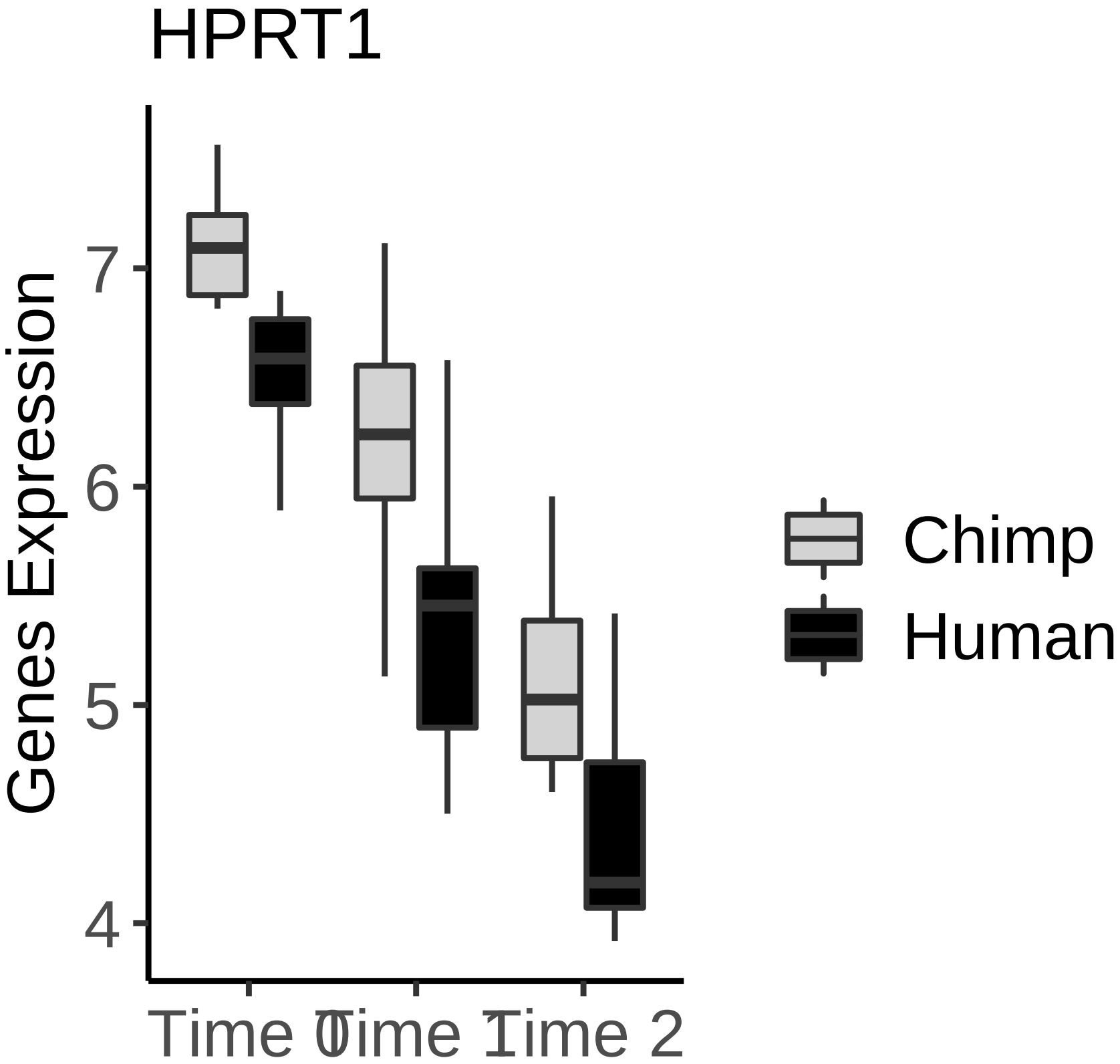
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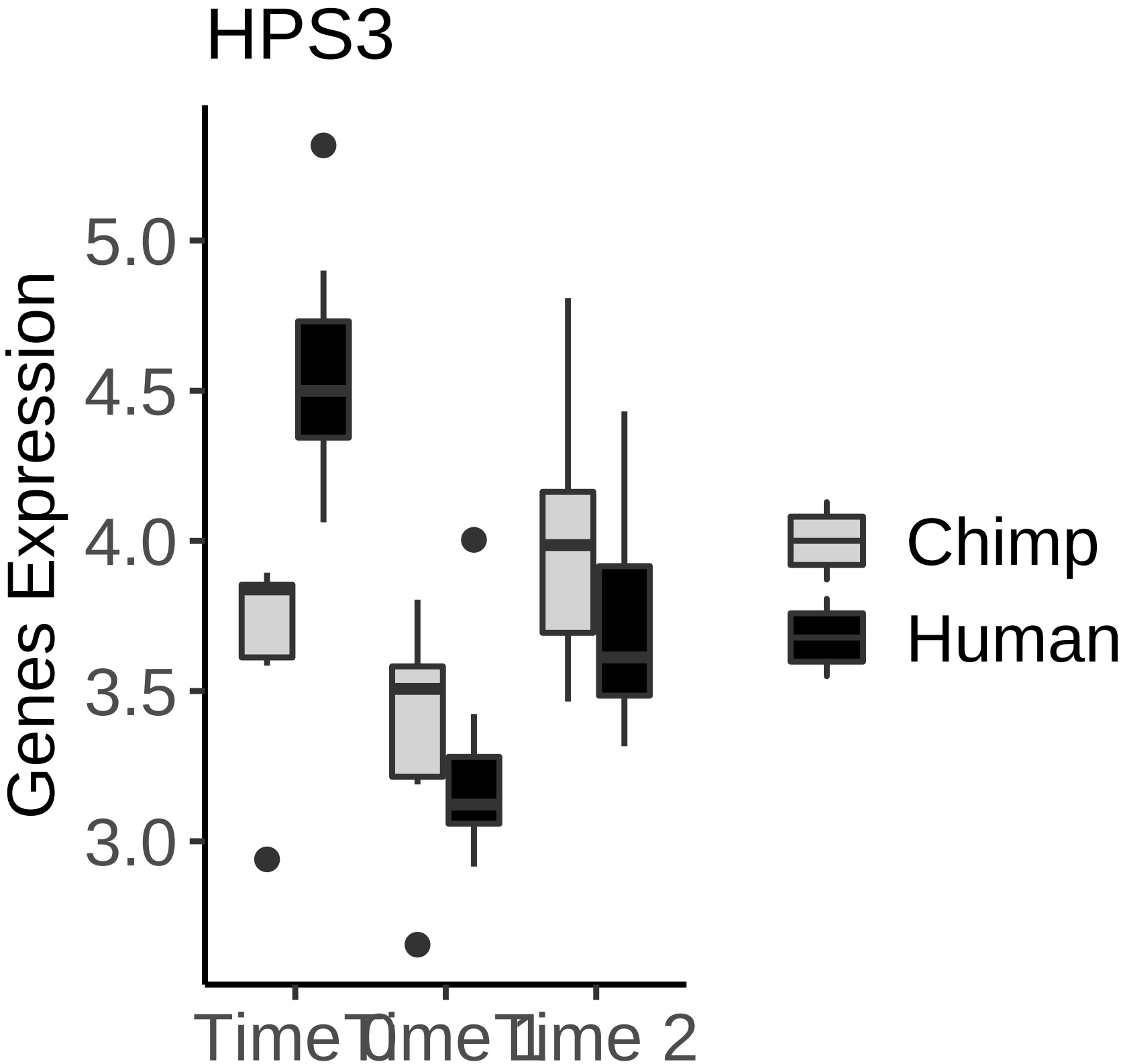
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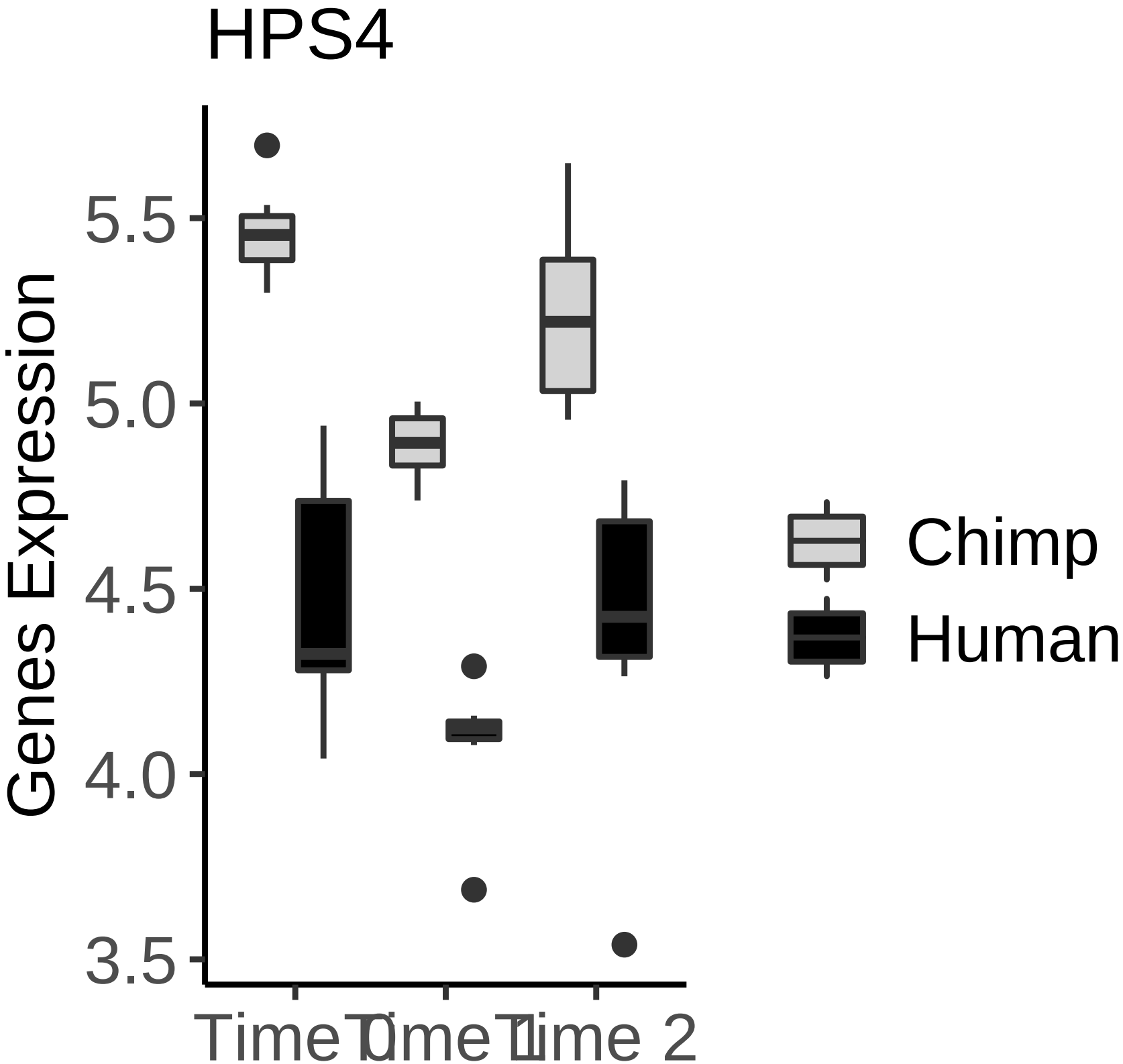
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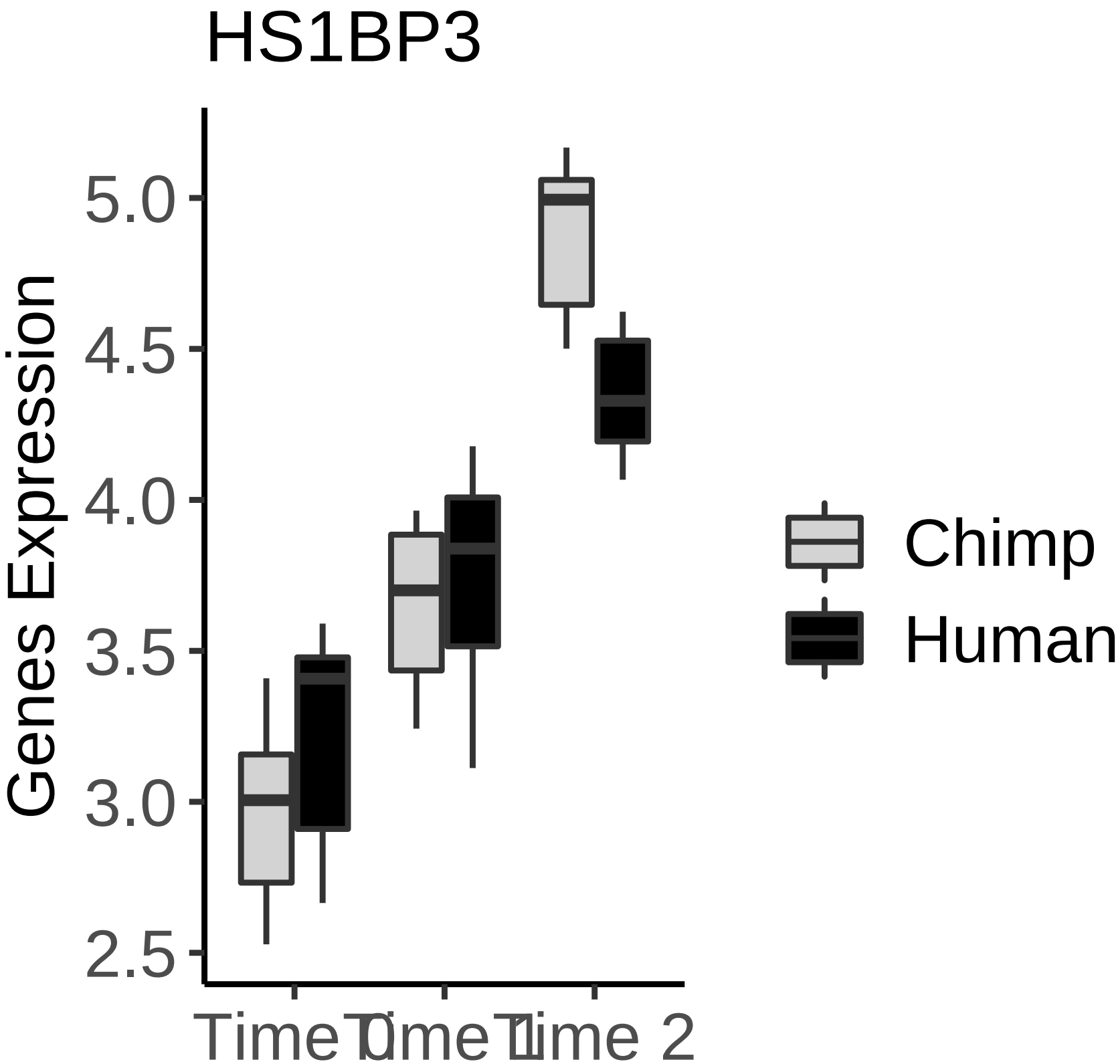
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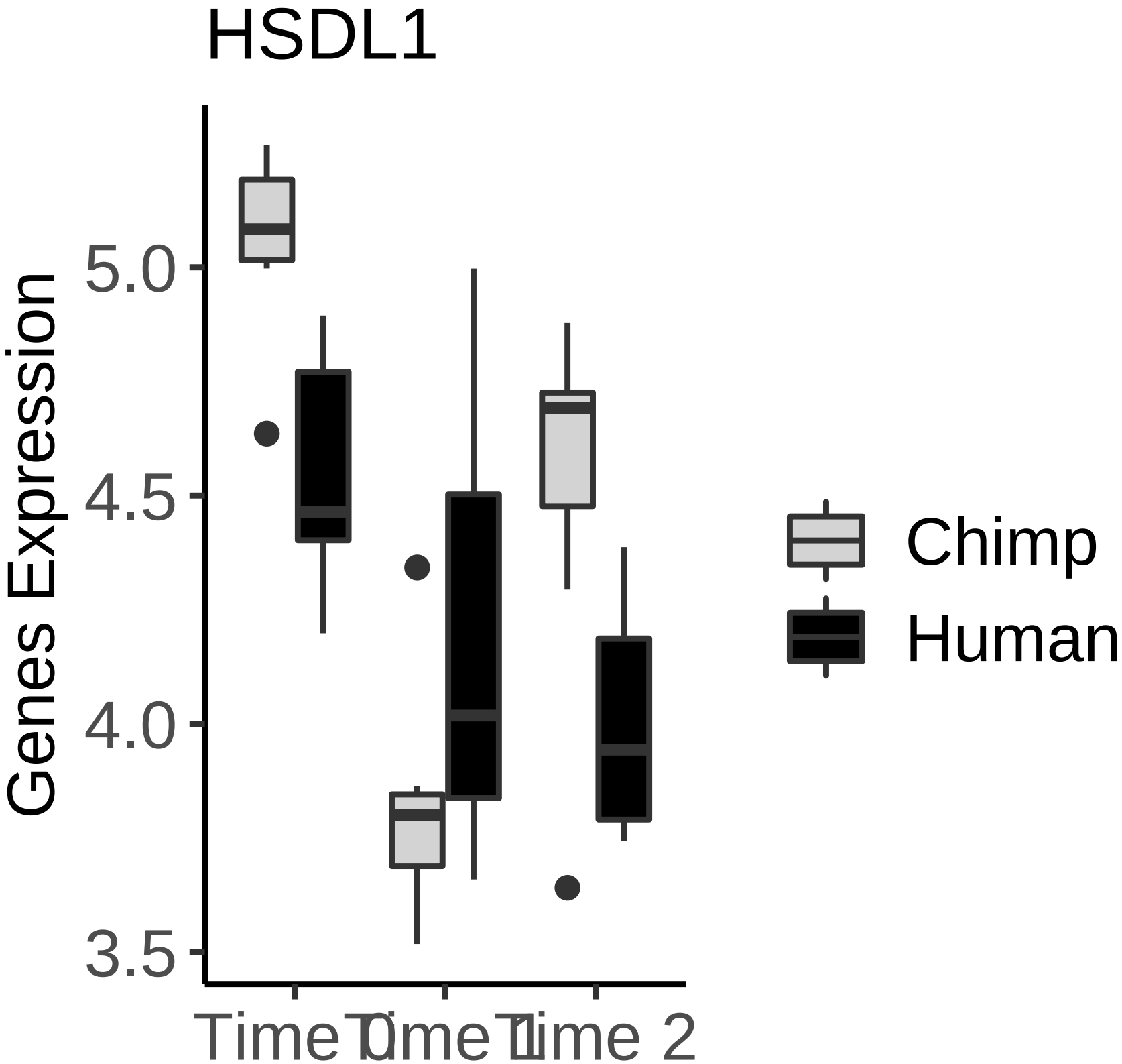
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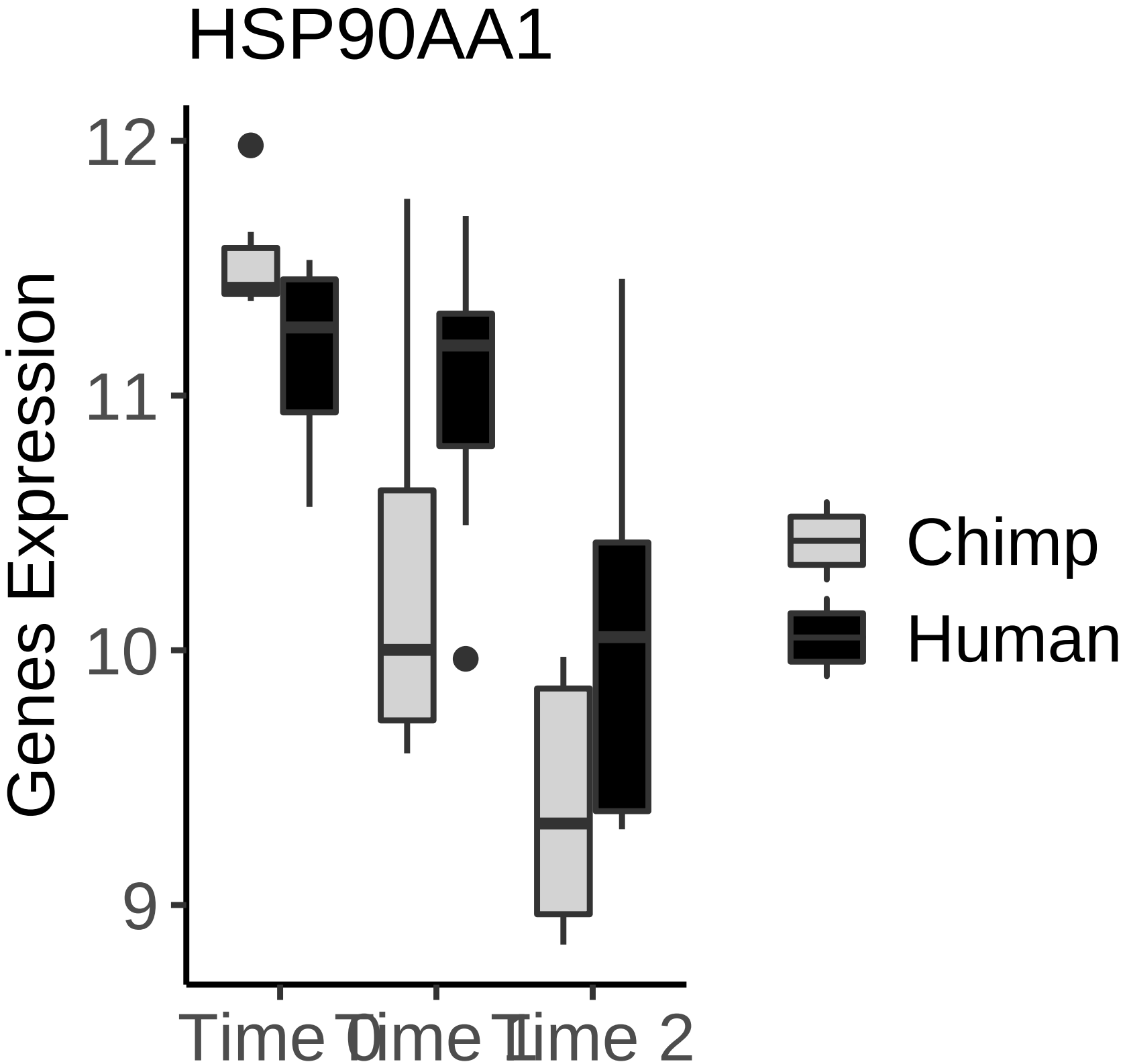
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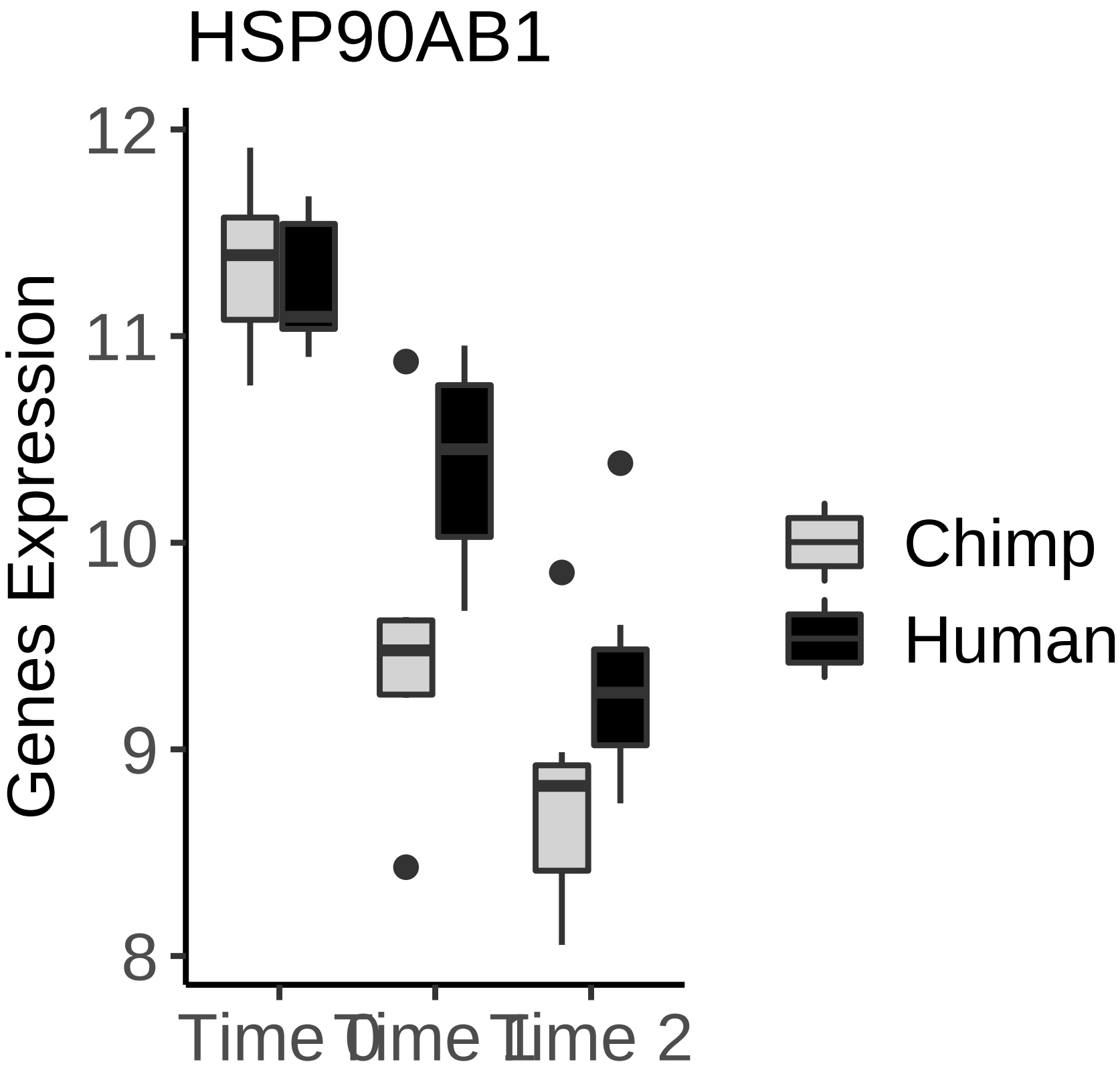
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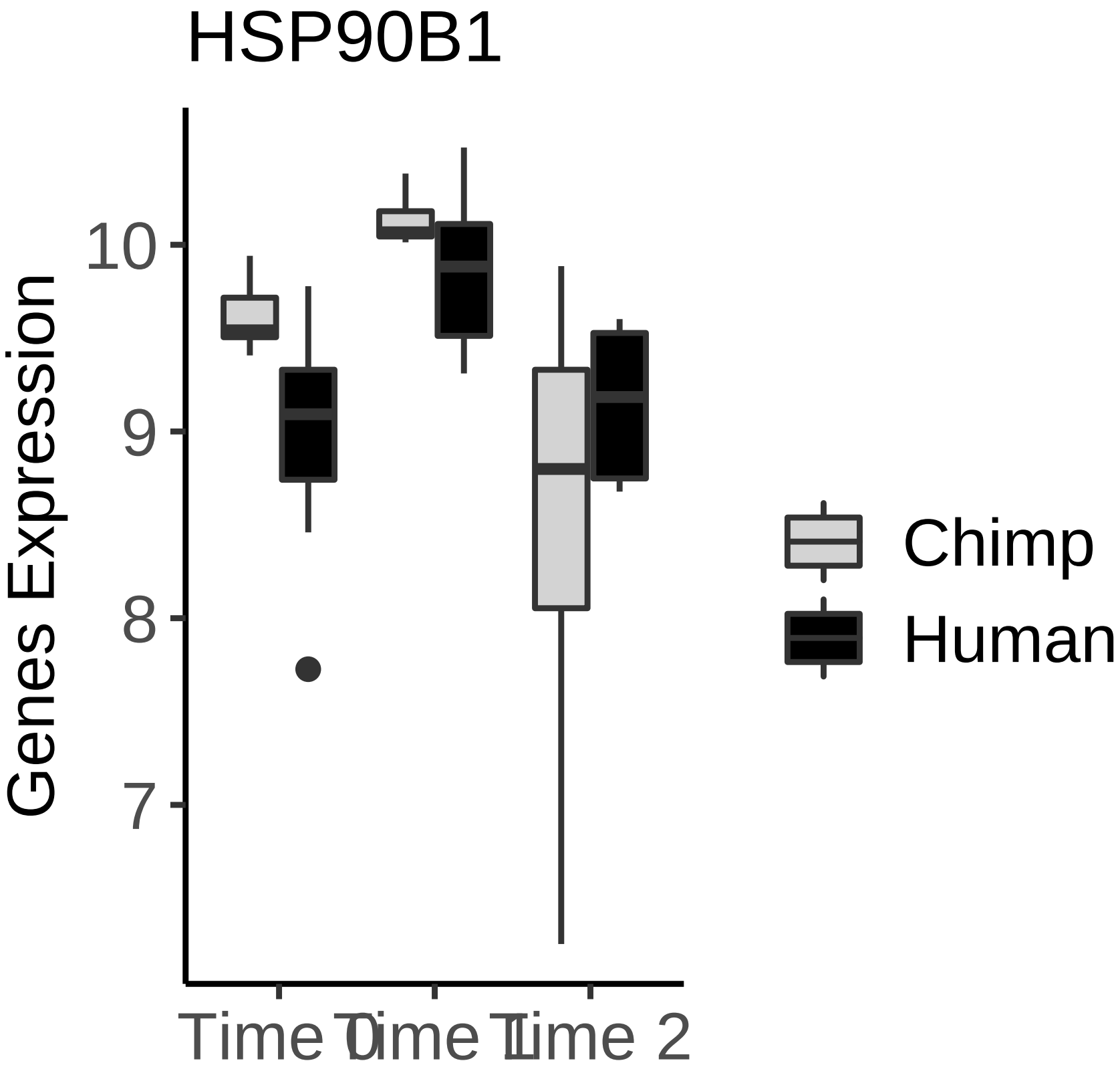
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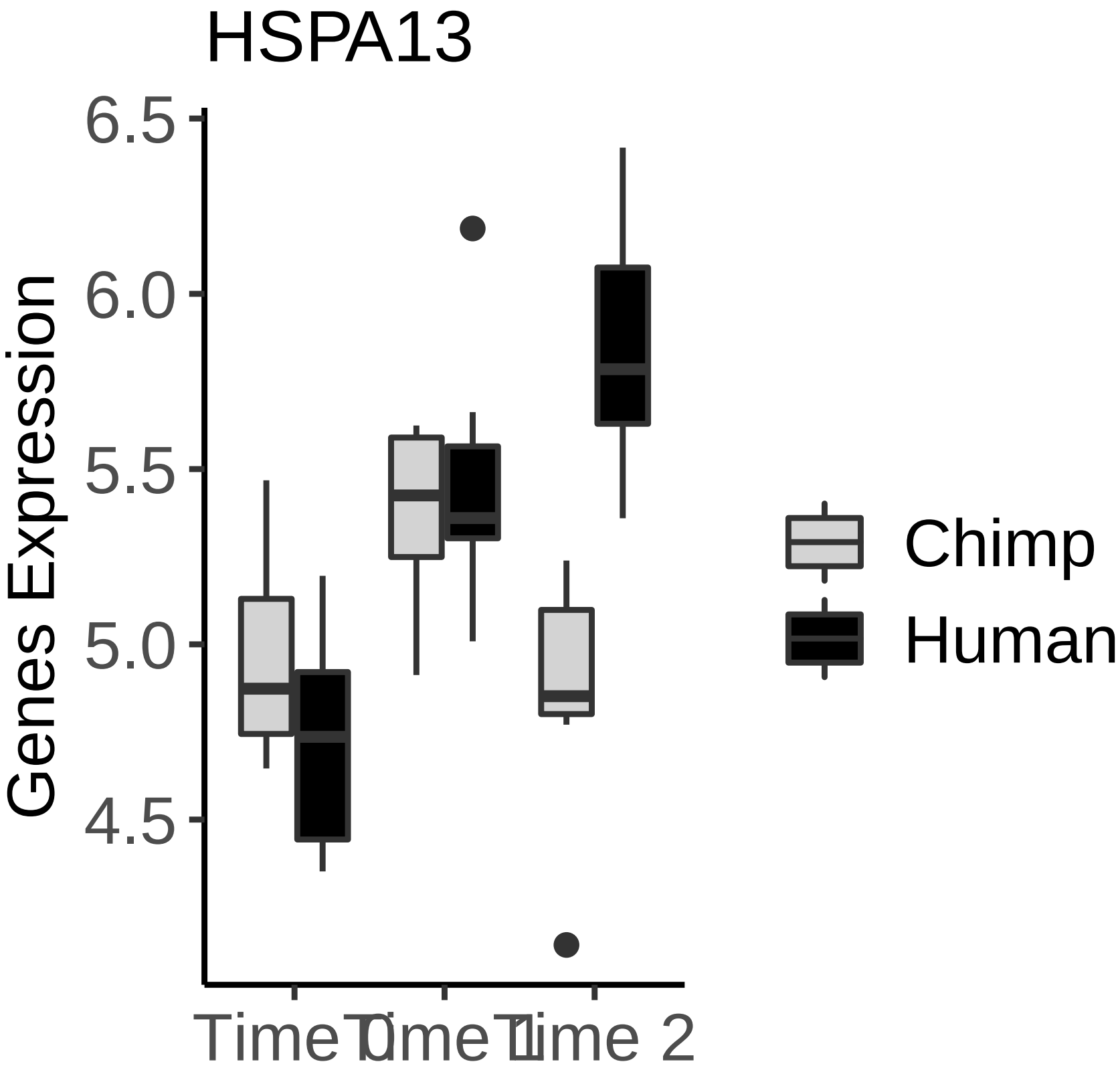
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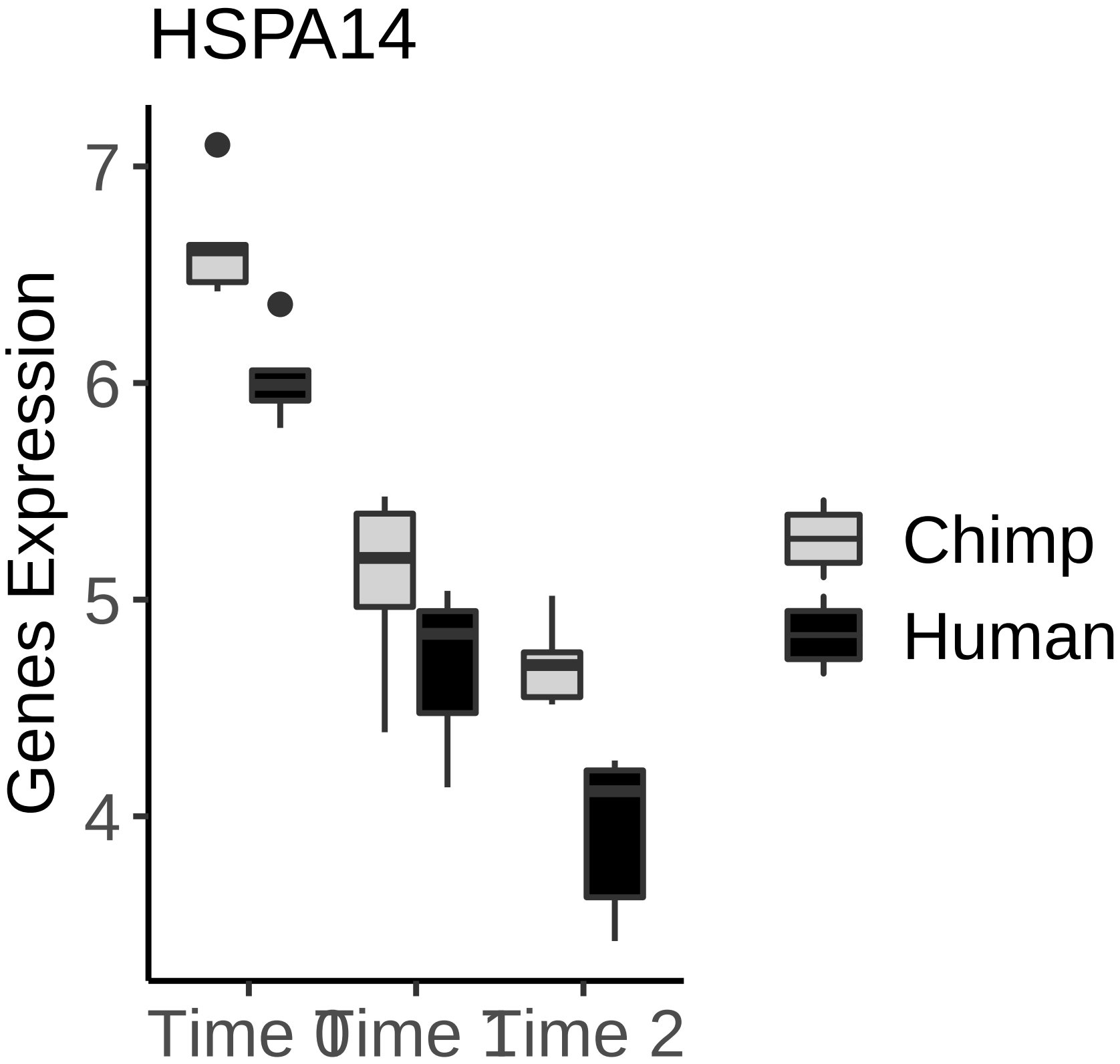
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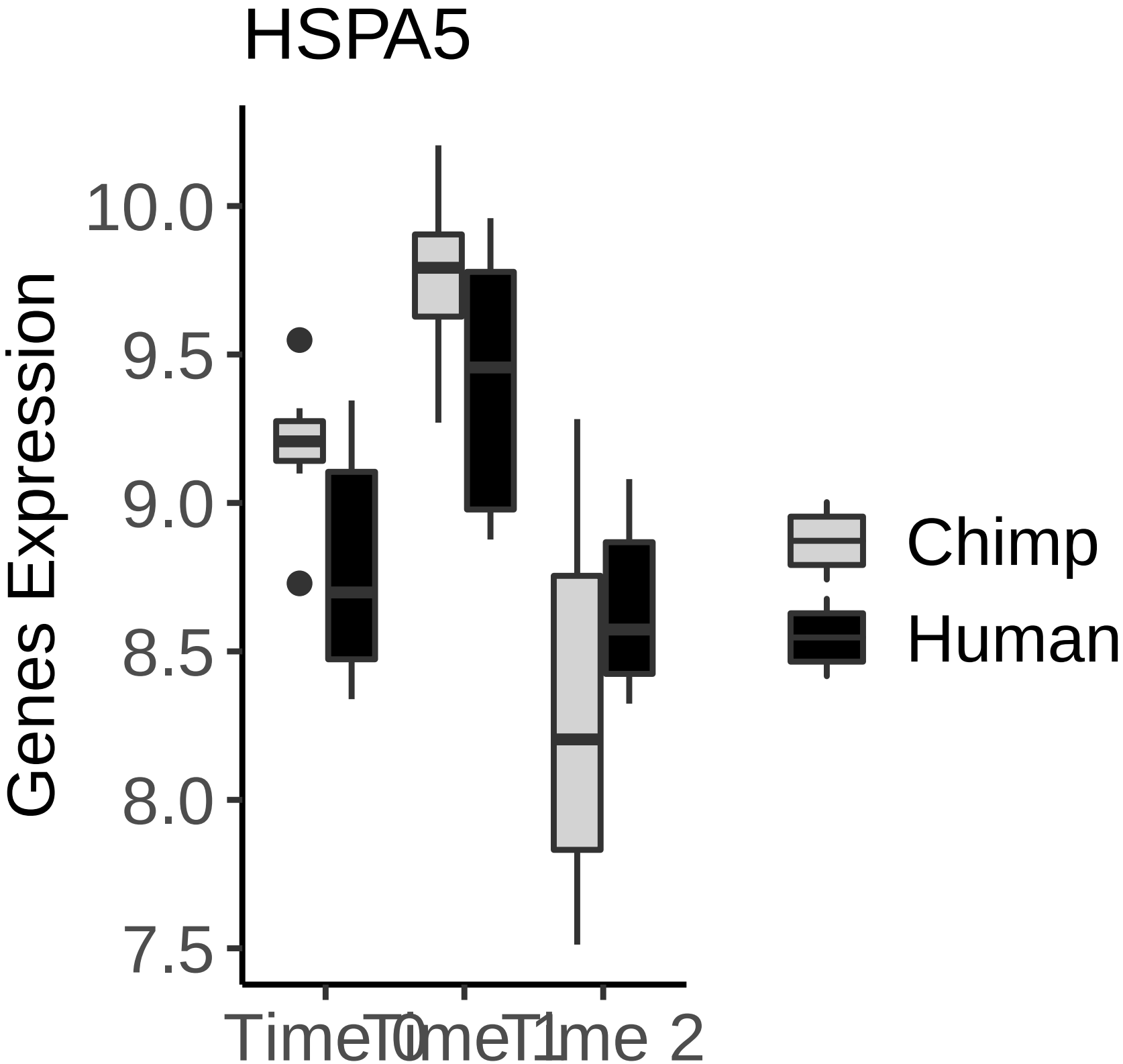
Time 1
Time 2
Chimp
Human


HSPA5
Genes Expression
10.0
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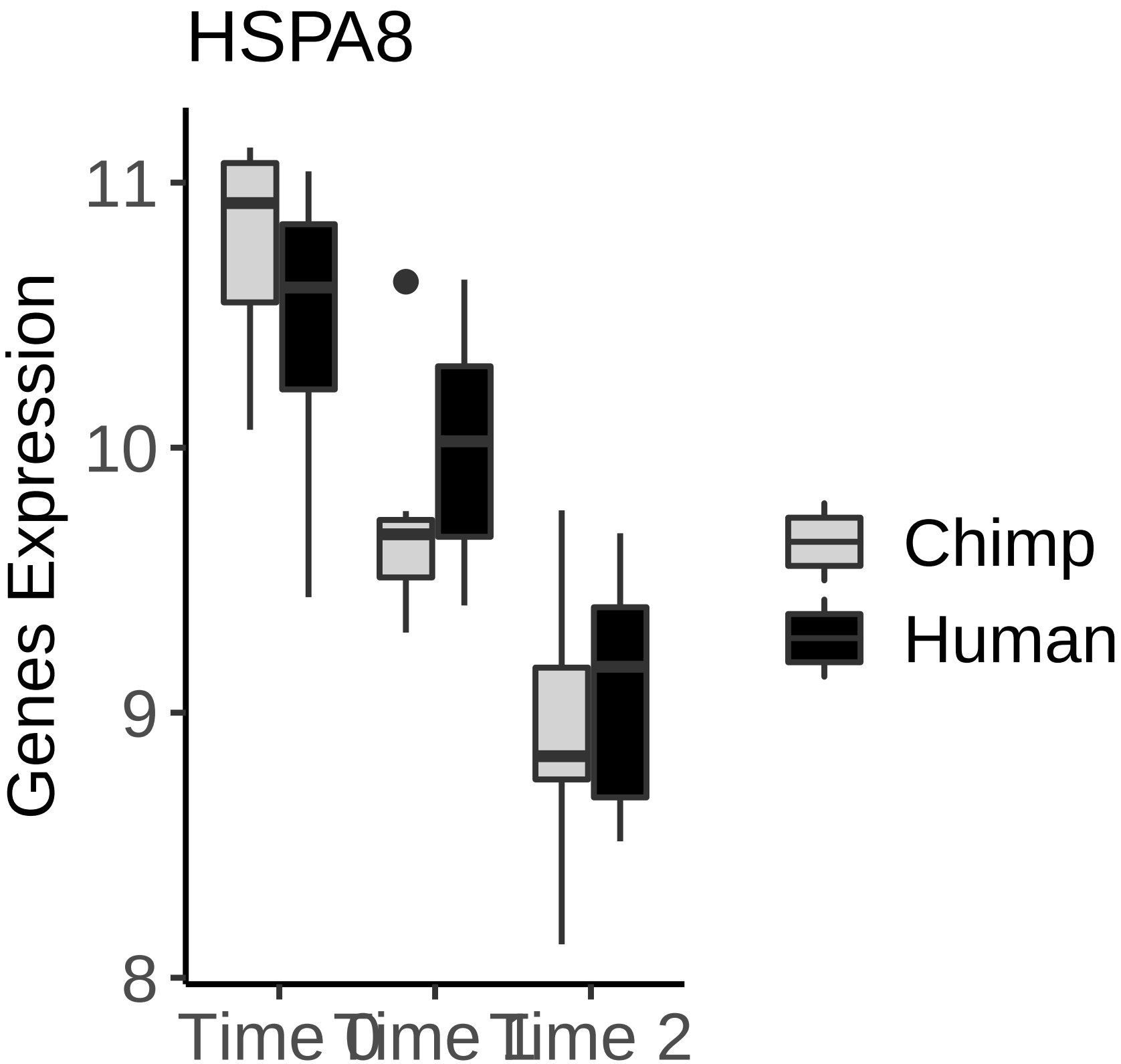
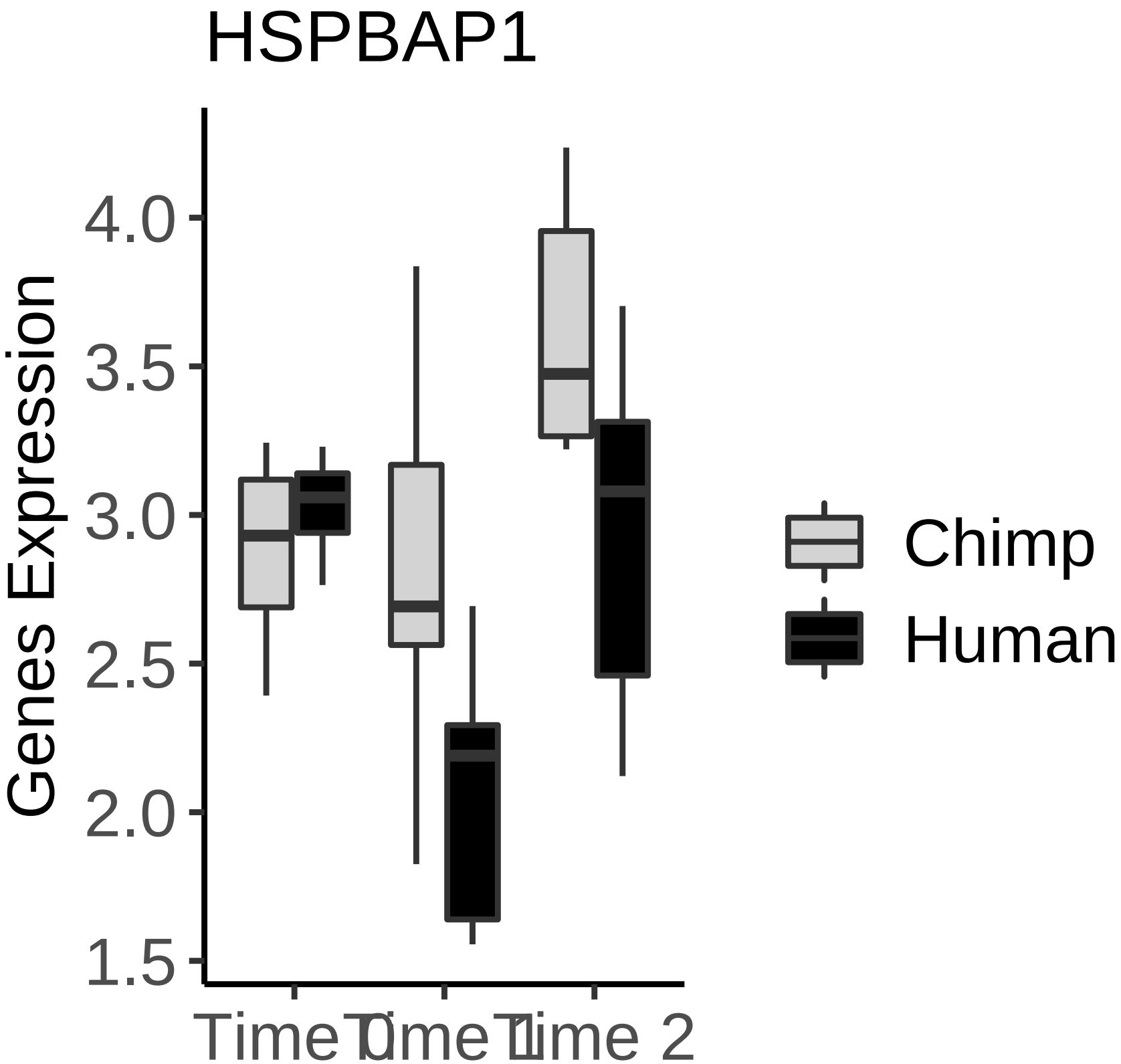
8.0
7.5
Time 0
Time 1
Time 2
Chimp
Human


HSPA8
Genes Expression
11
10
9
8
Time 0
Time 1
Time 2
Chimp
Human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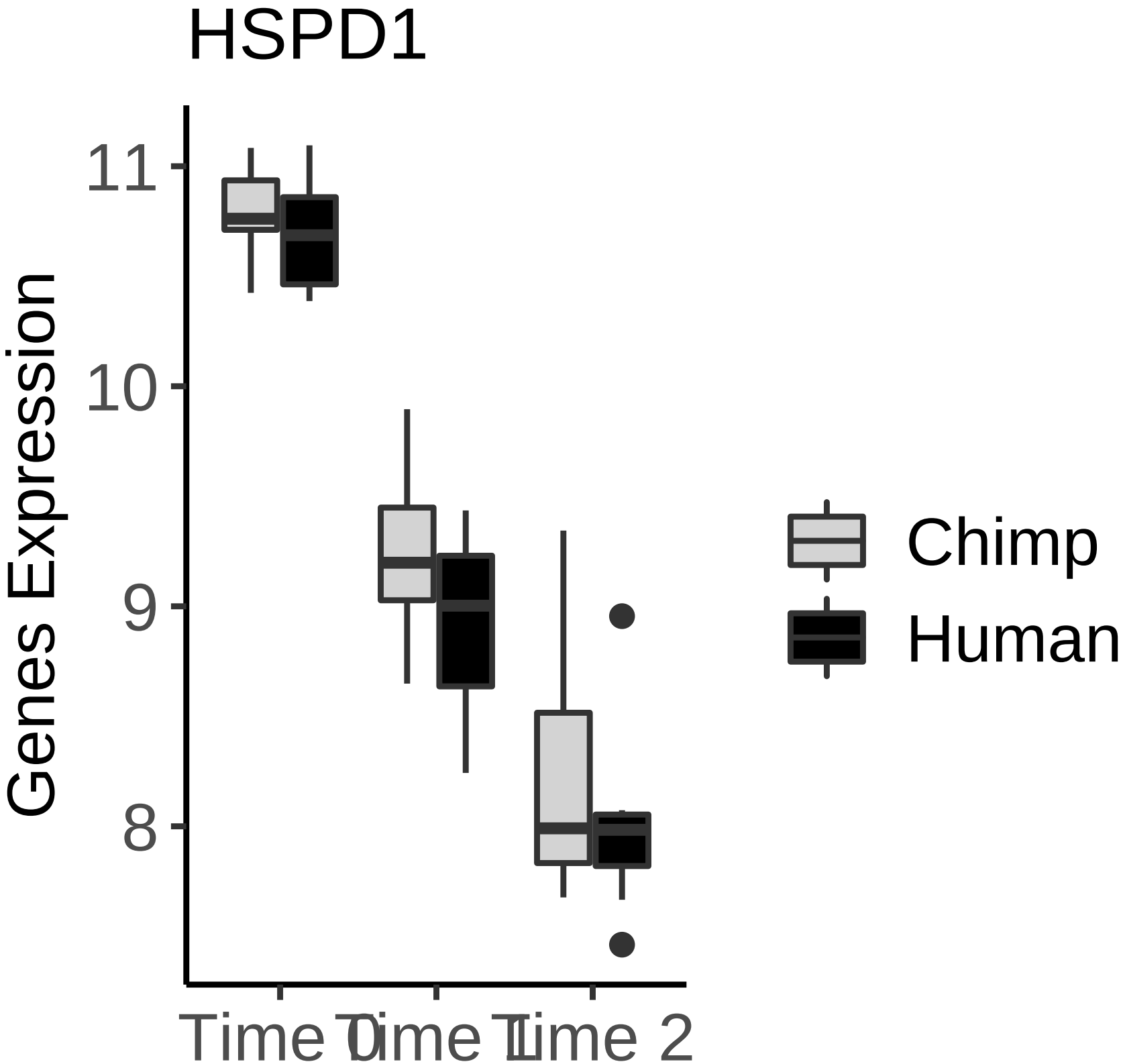
2.5
2.0
1.5
Time 0
Time 1
Time 2
Chimp
Human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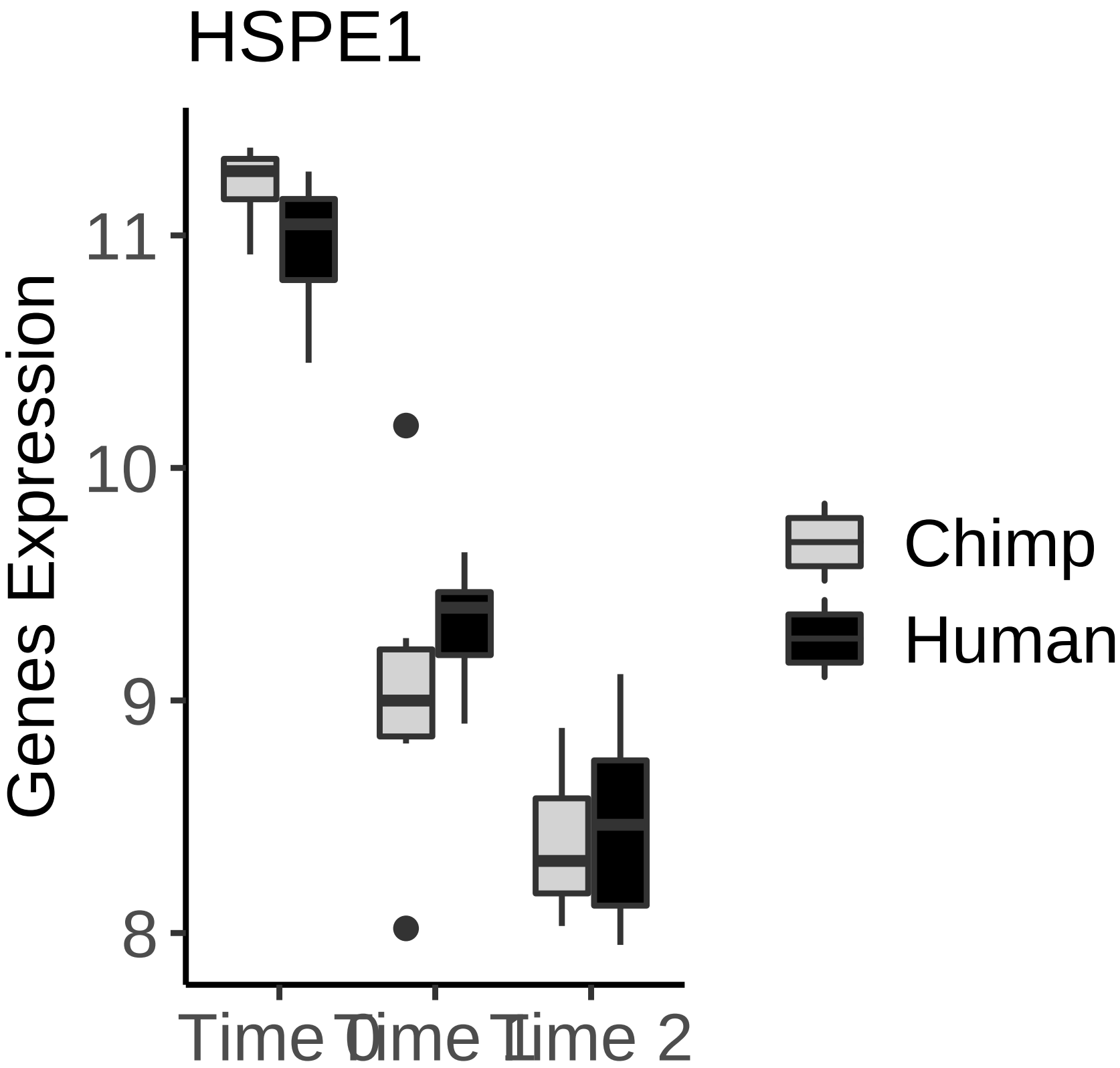
9
8
Time 0
Time 1
Time 2
Chimp
Human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Time 2
Chimp
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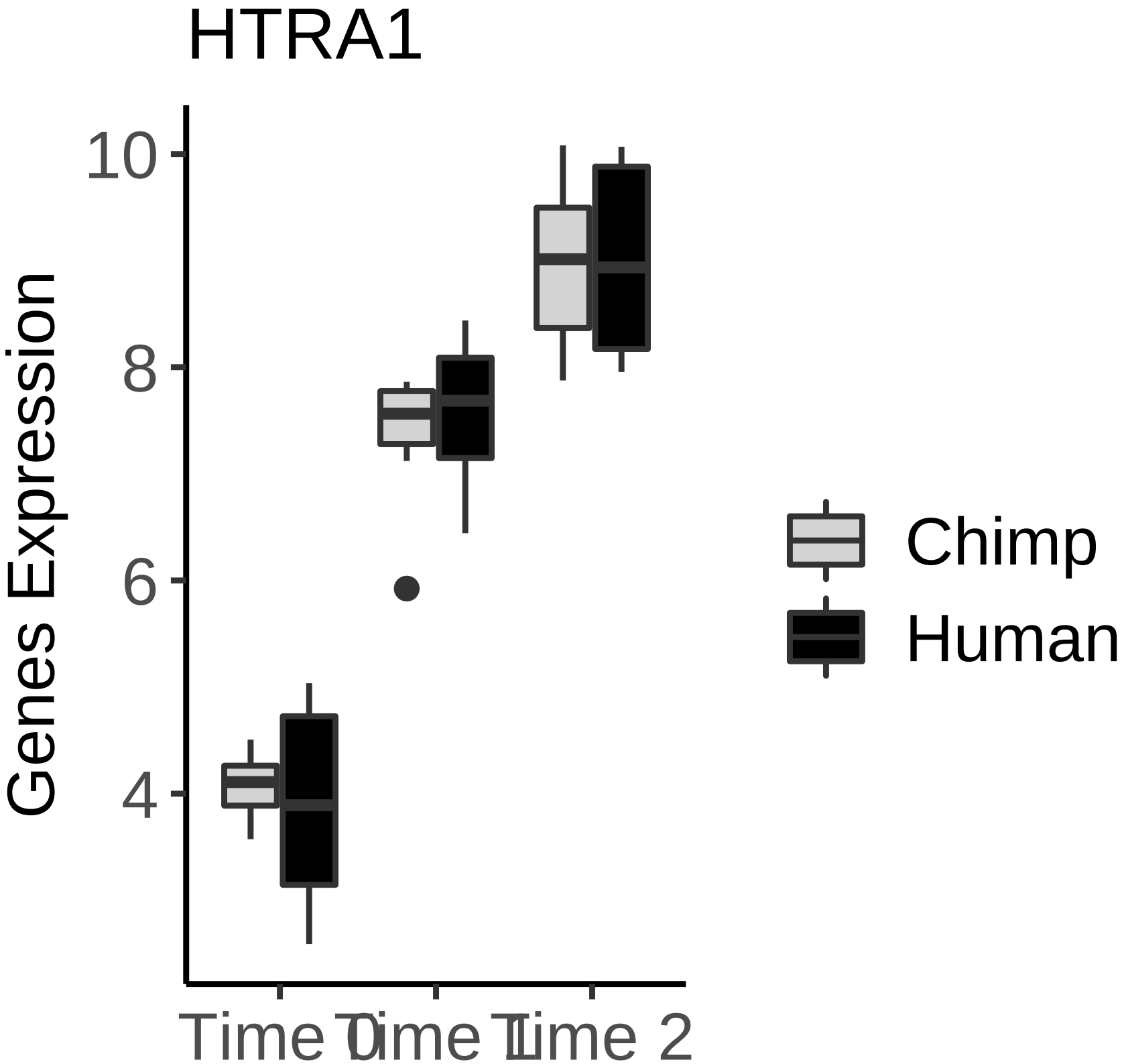
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10
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6
4
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Time 2
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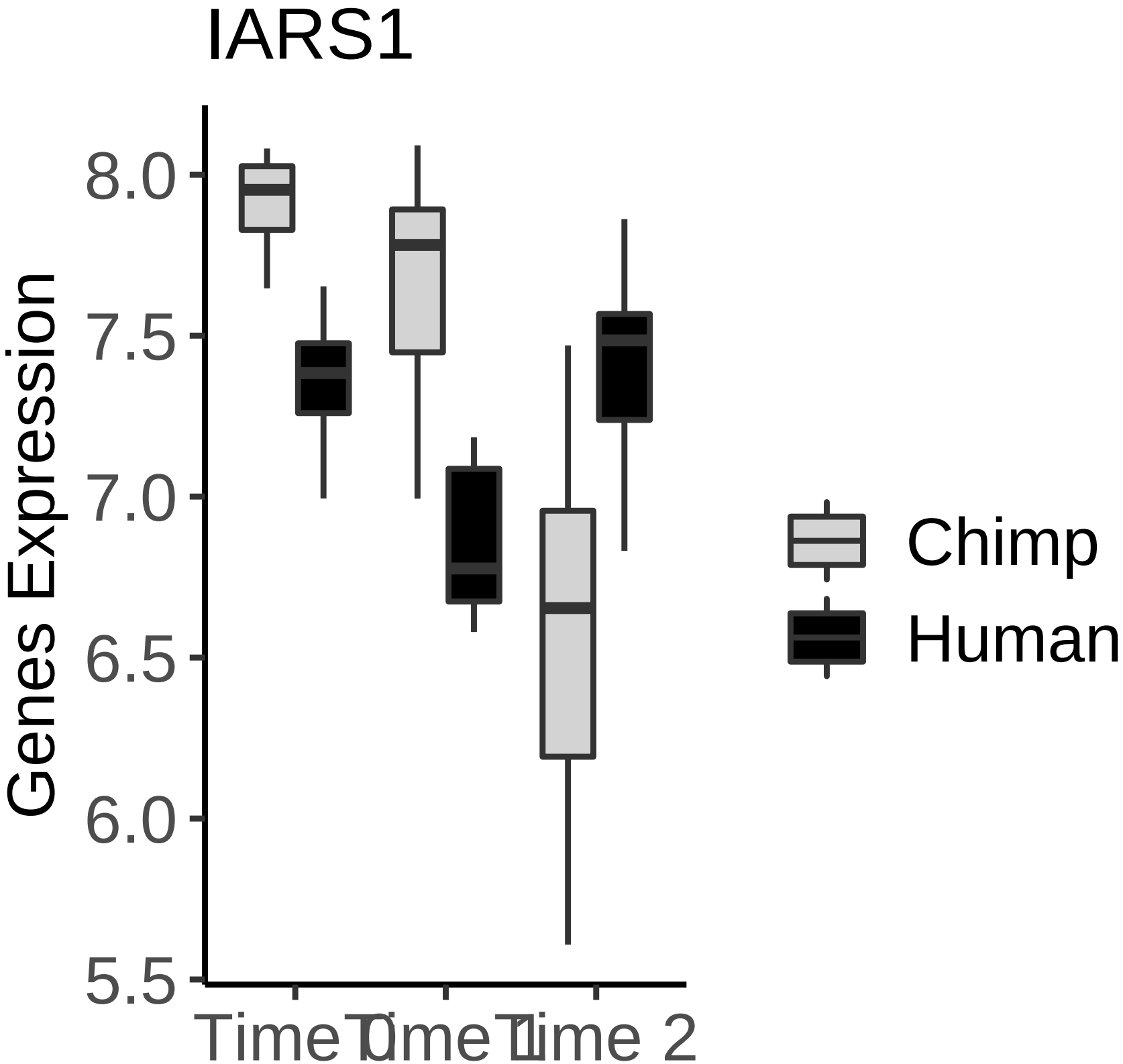
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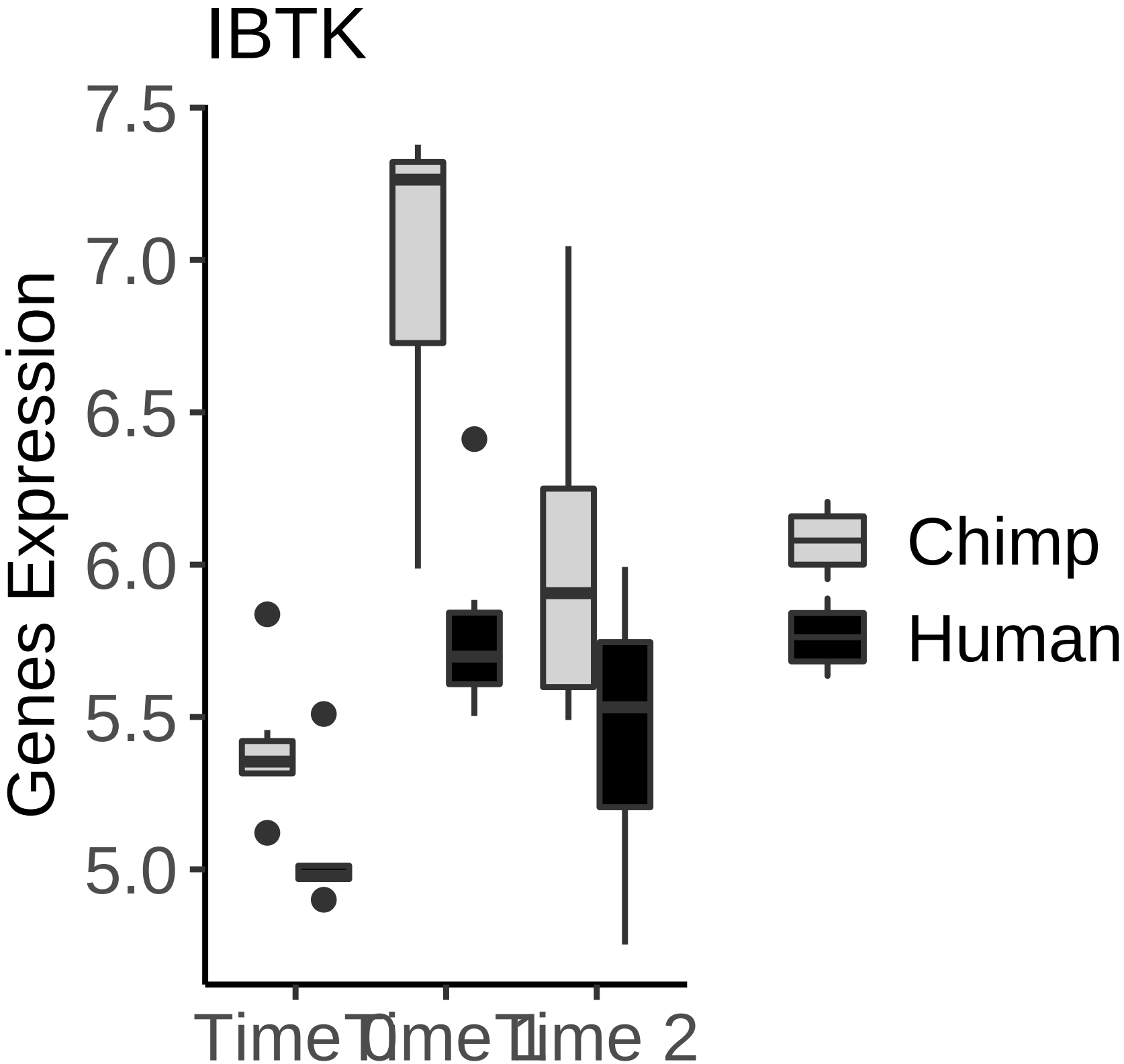
6.0
5.5
Time 0
Time 1
Time 2
Chimp
Human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5.5
5.0
Time 0
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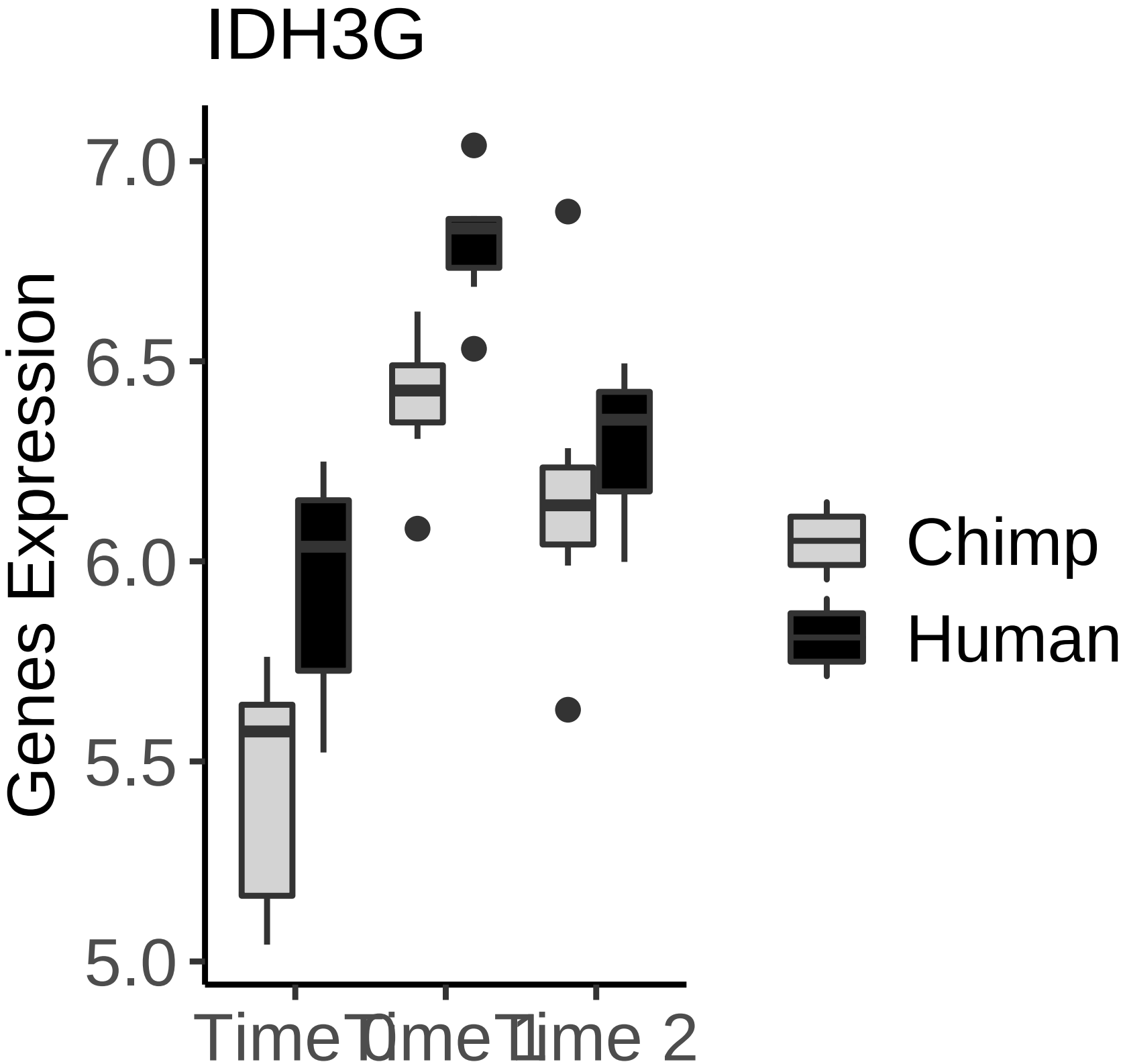
Time 2
Chimp
Human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Time 0
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Time 2
Chimp
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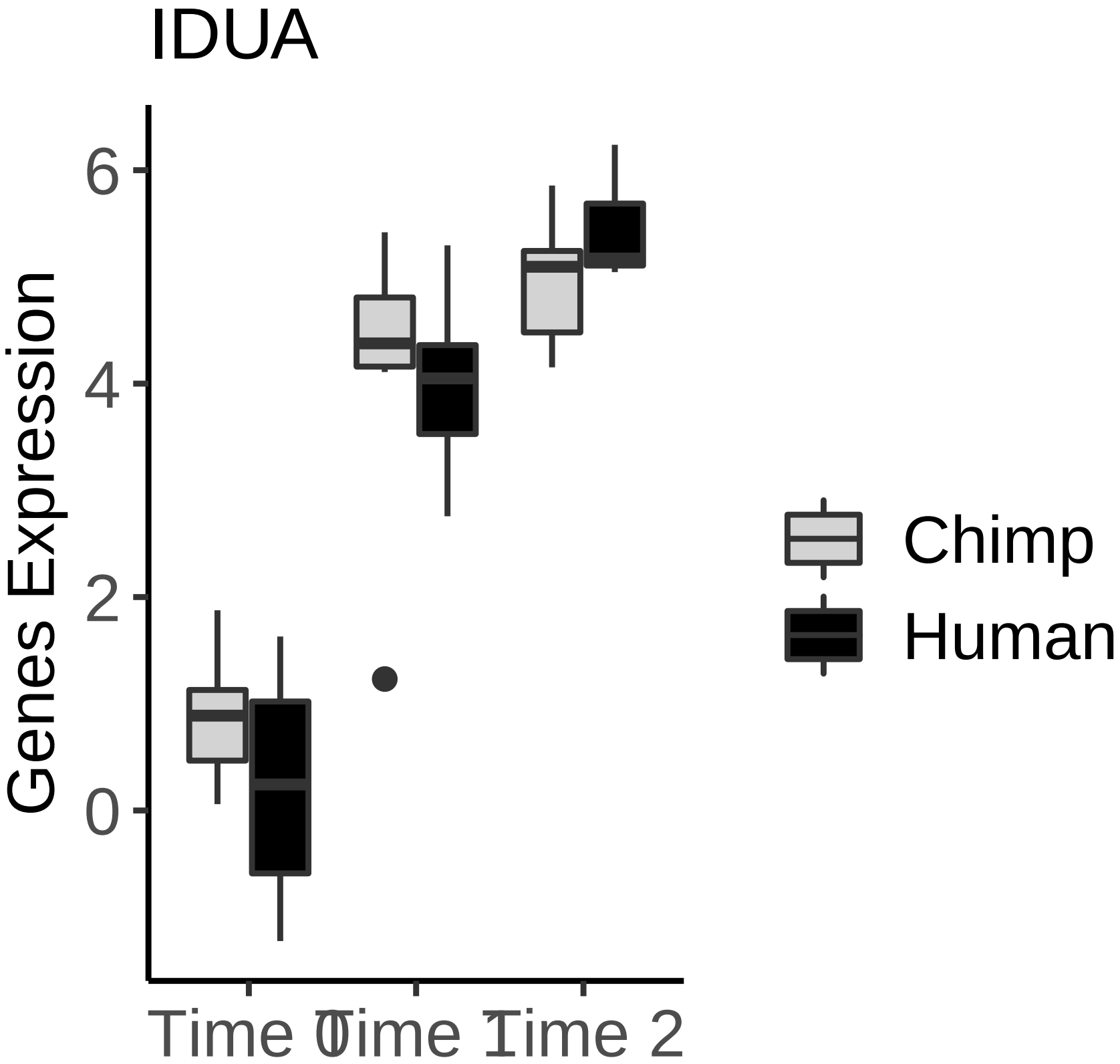
IDUA
Genes Expression
6
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2
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Time 2
Chimp
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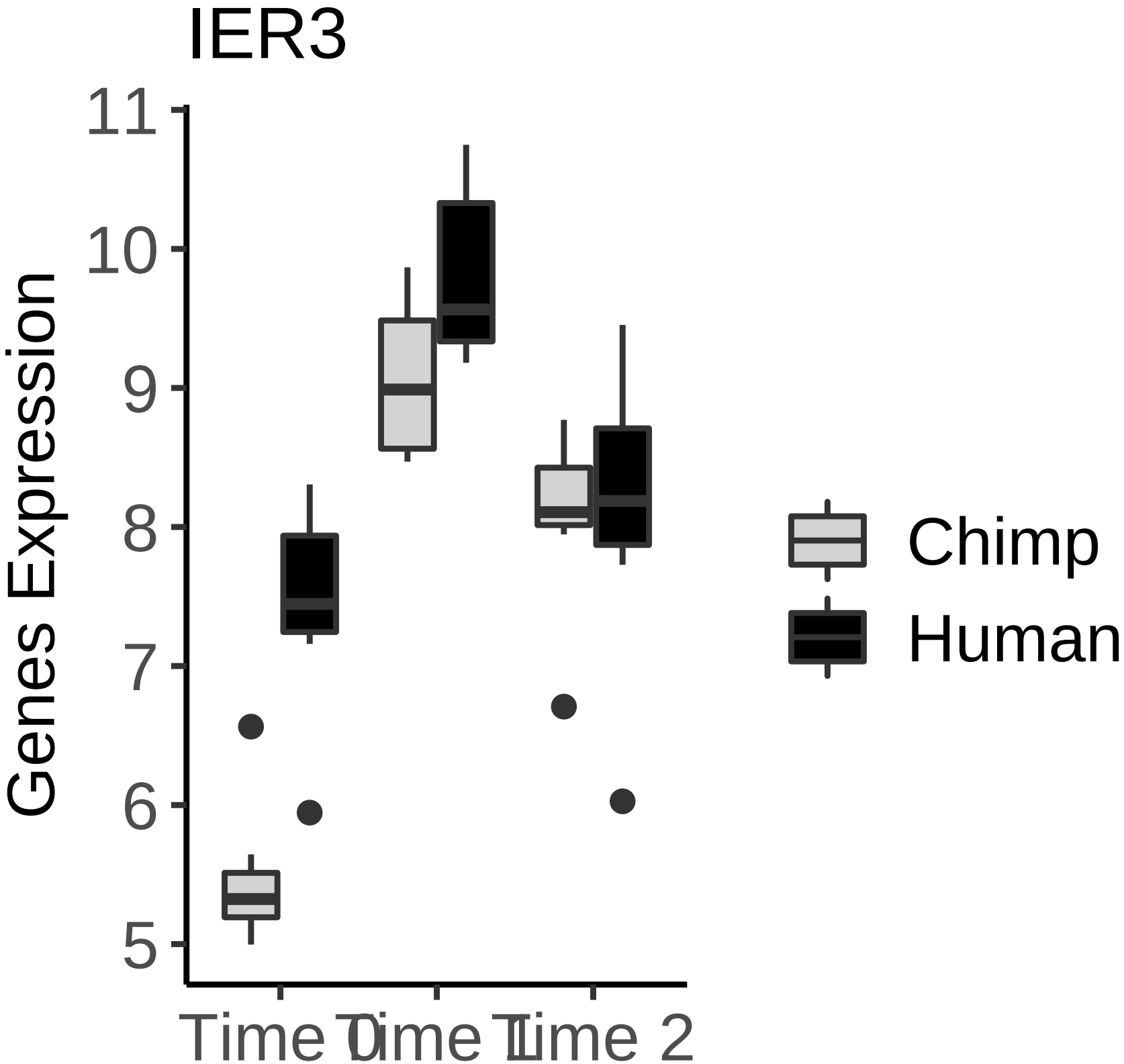
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Genes Expression
11
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Time 2
Chimp
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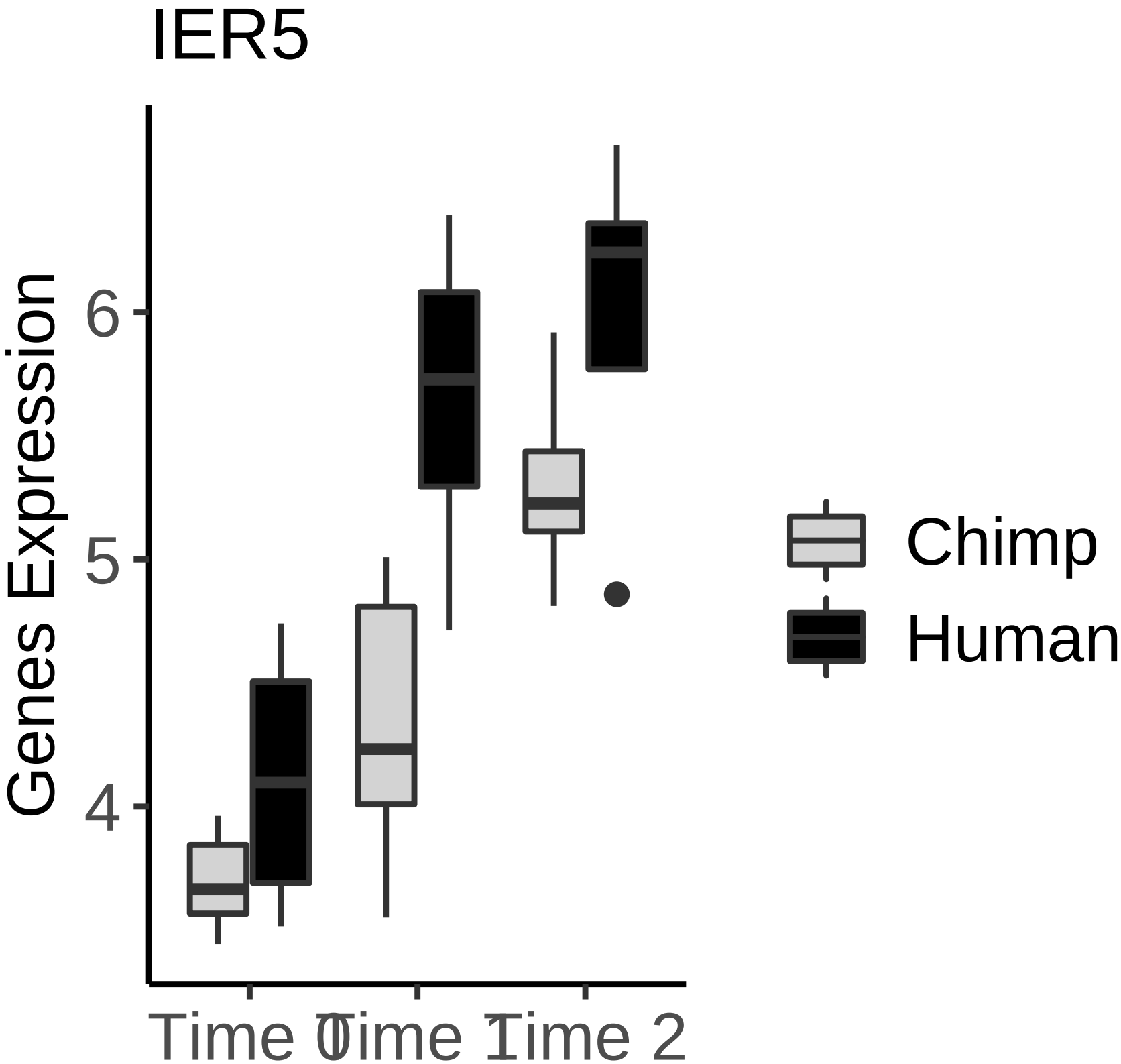
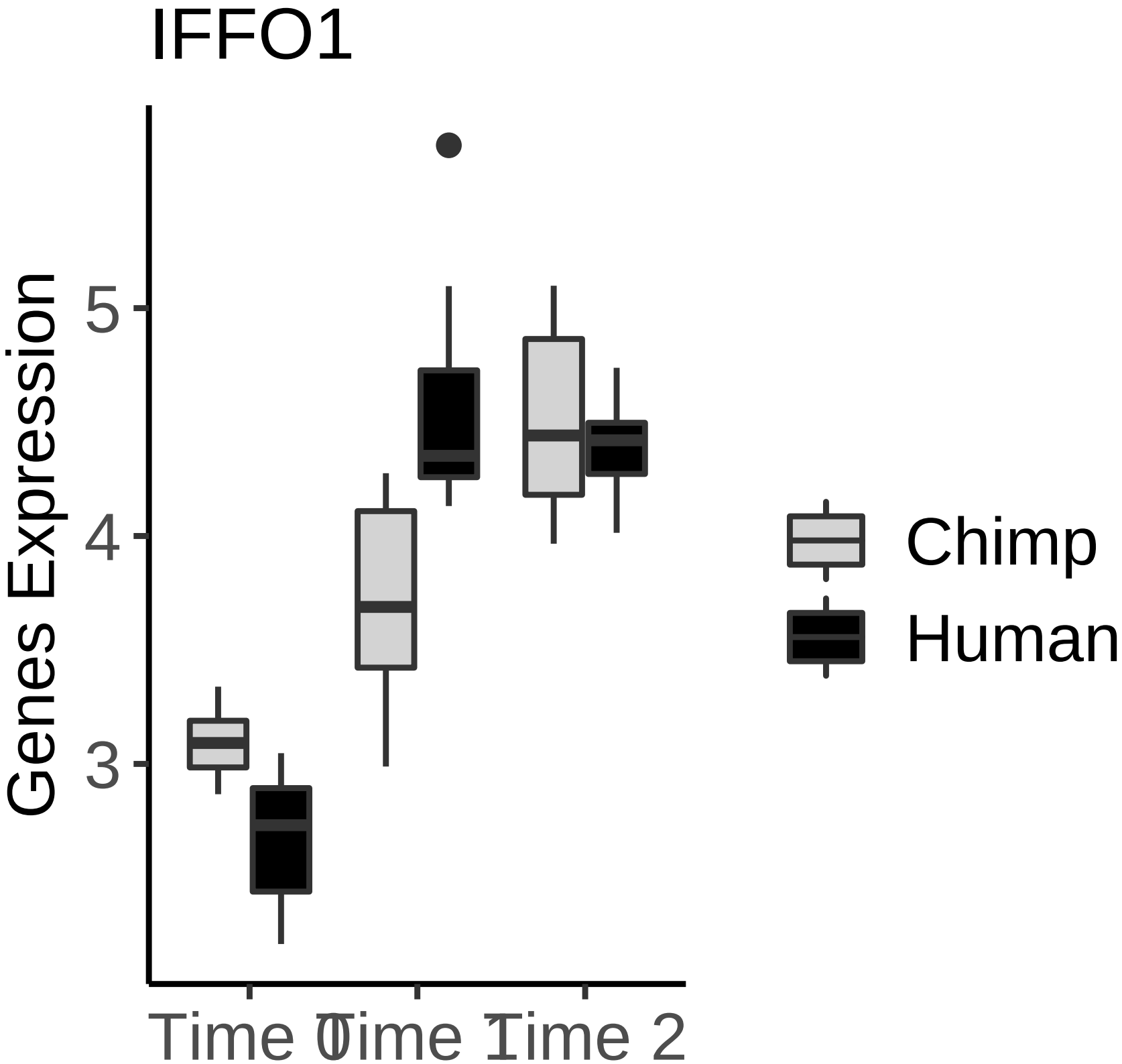

IER5
Genes Expression
6
5
4
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
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4
3
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Time 1
Time 2
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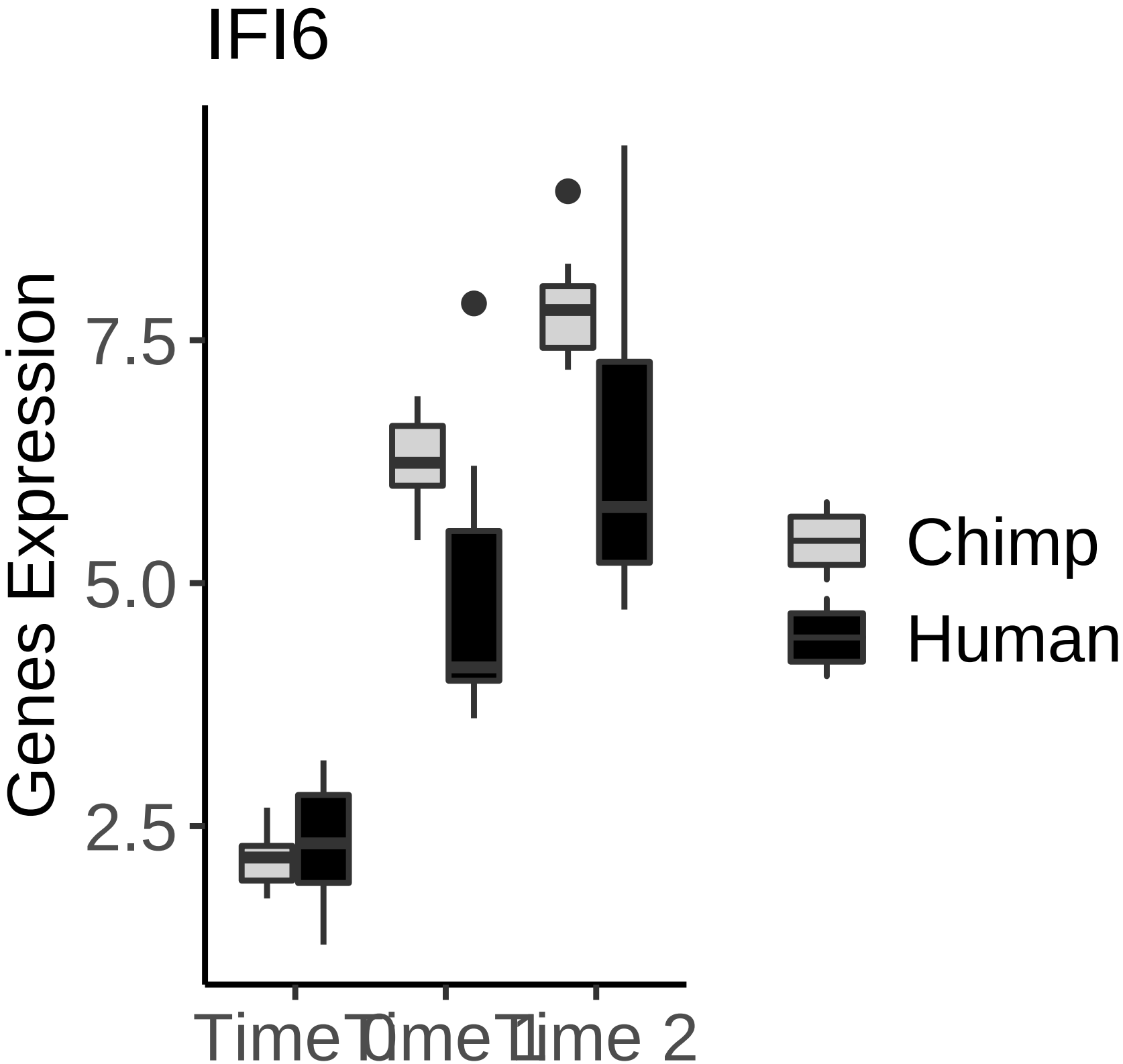
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Genes Expression
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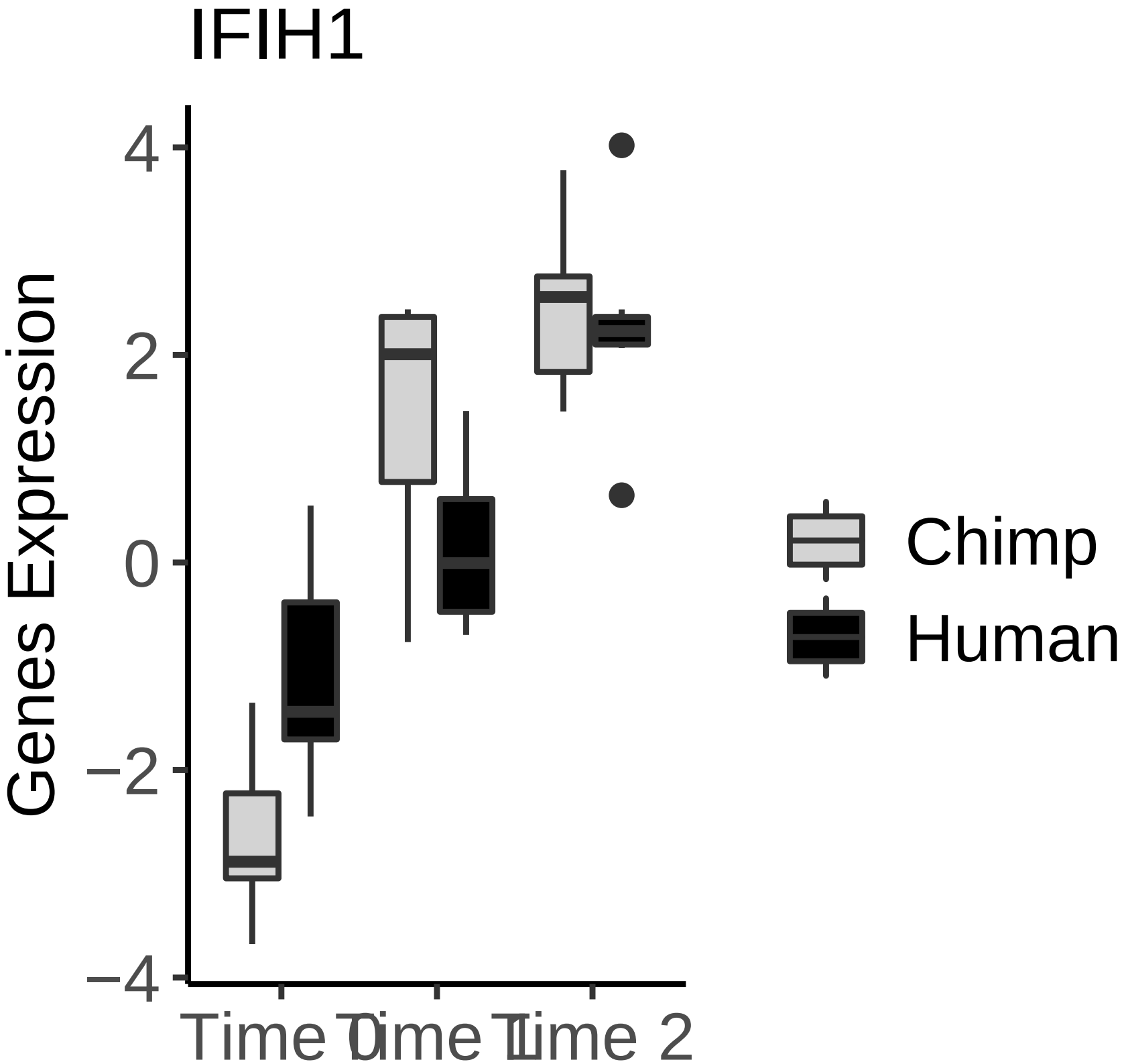
2.5
Time 0
Time 1
Time 2
Chimp
Human


IFIH1
Genes Expression
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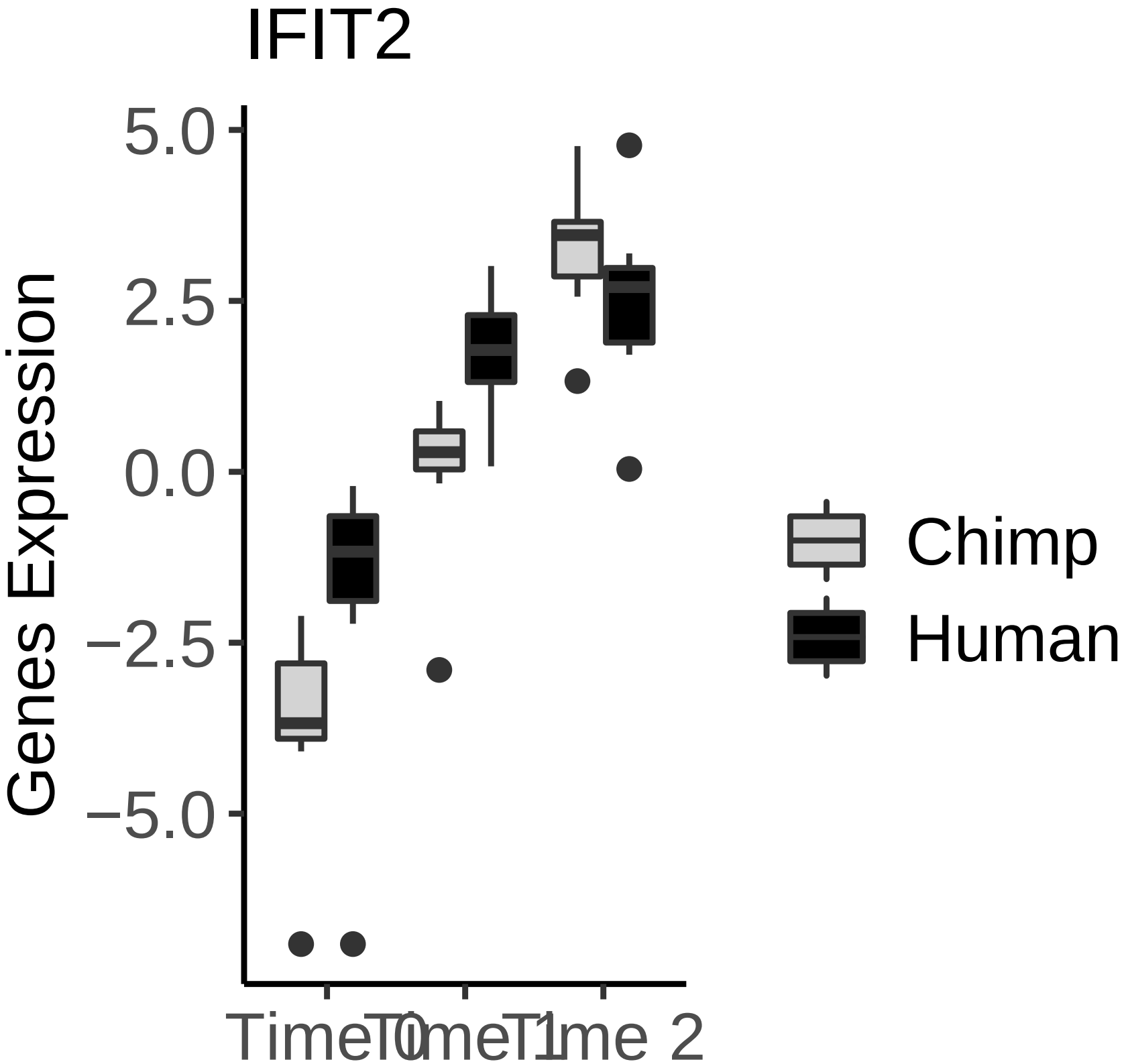
−2
−4
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
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−5.0
Time 0
Time 1
Time 2
Chimp
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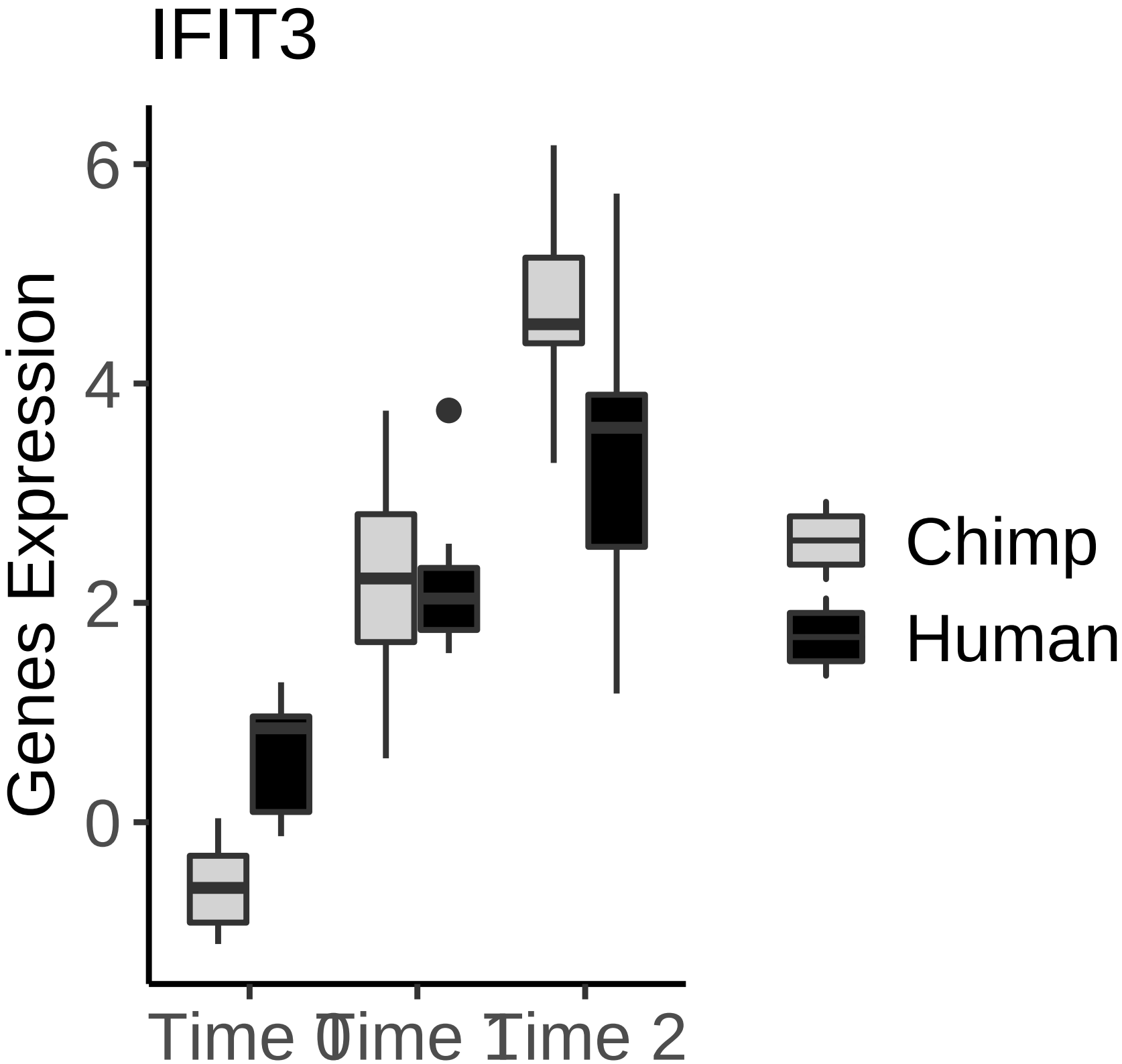
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Genes Expression
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4
2
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Time 2
Chimp
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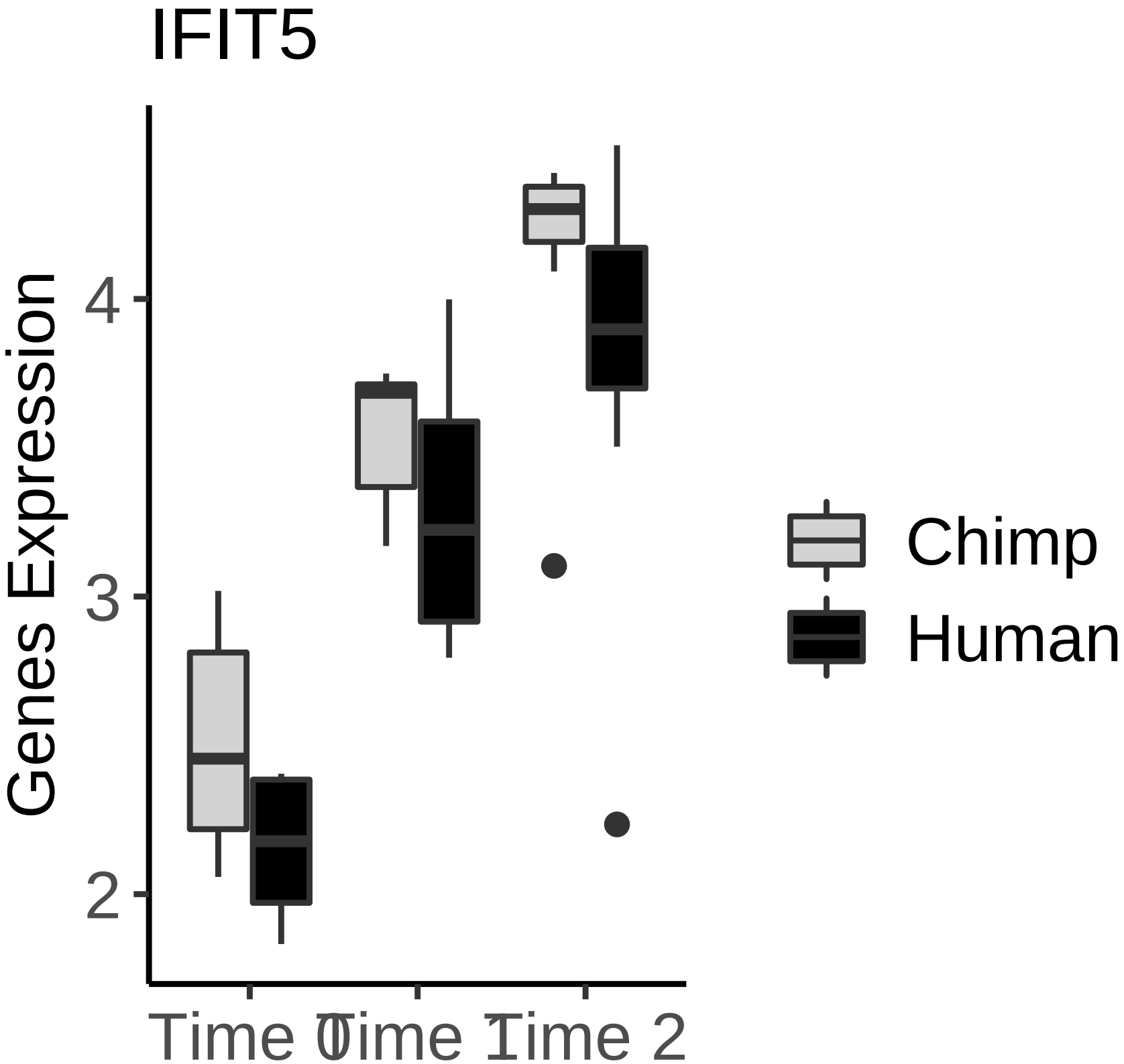
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Genes Expression
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3
2
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Time 1
Time 2
Chimp
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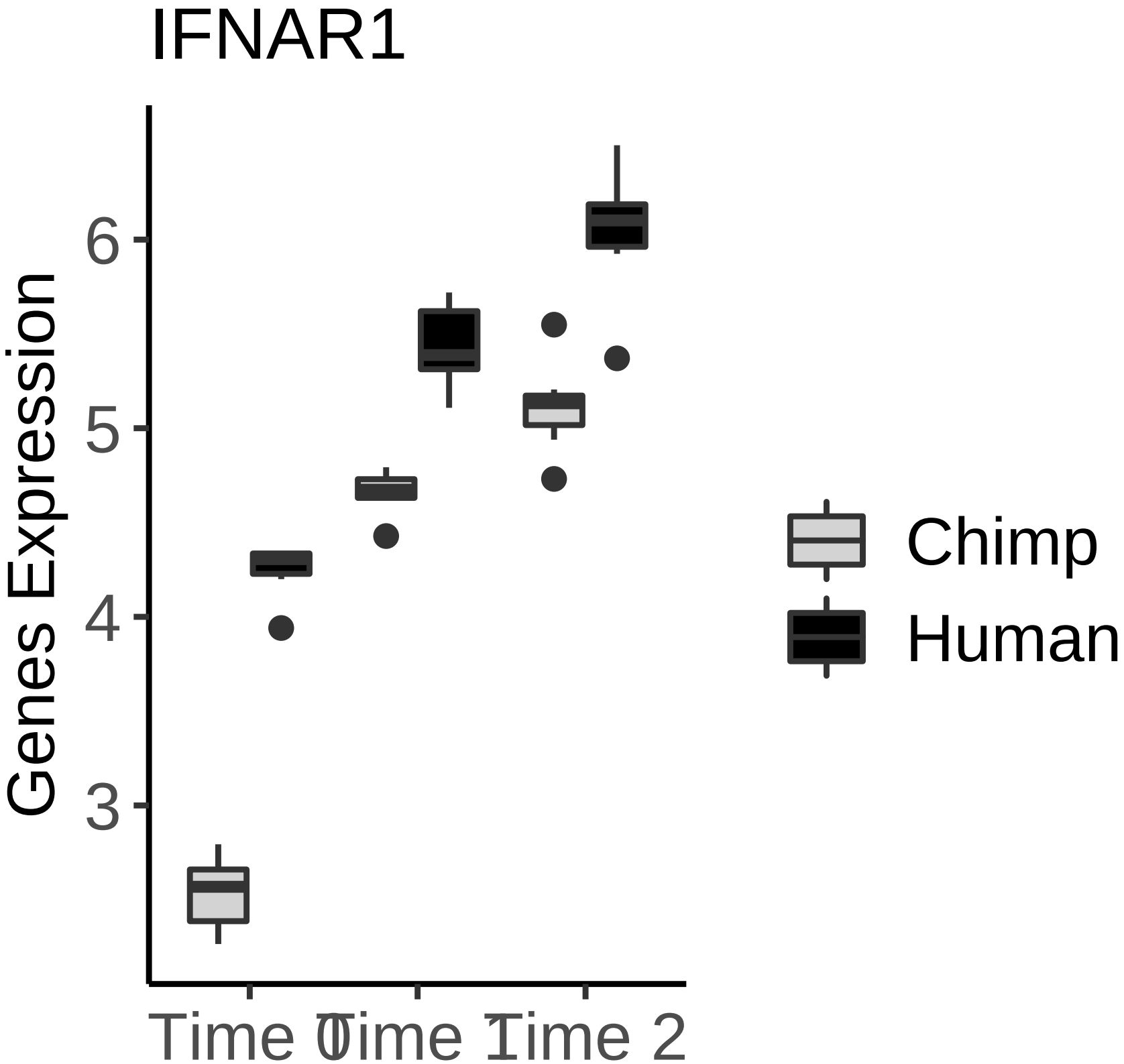
IFNAR1
Genes Expression
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Time 2
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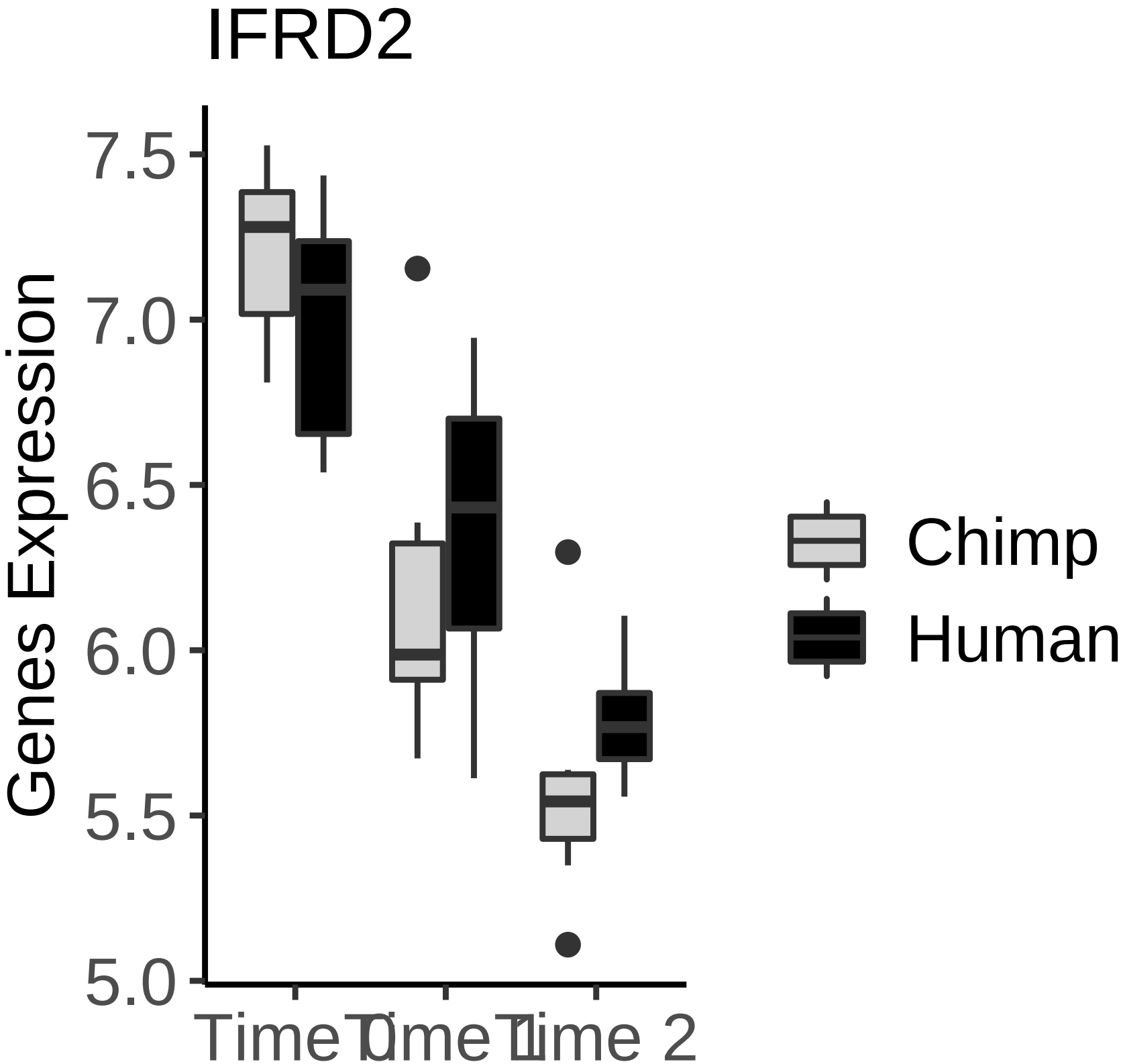
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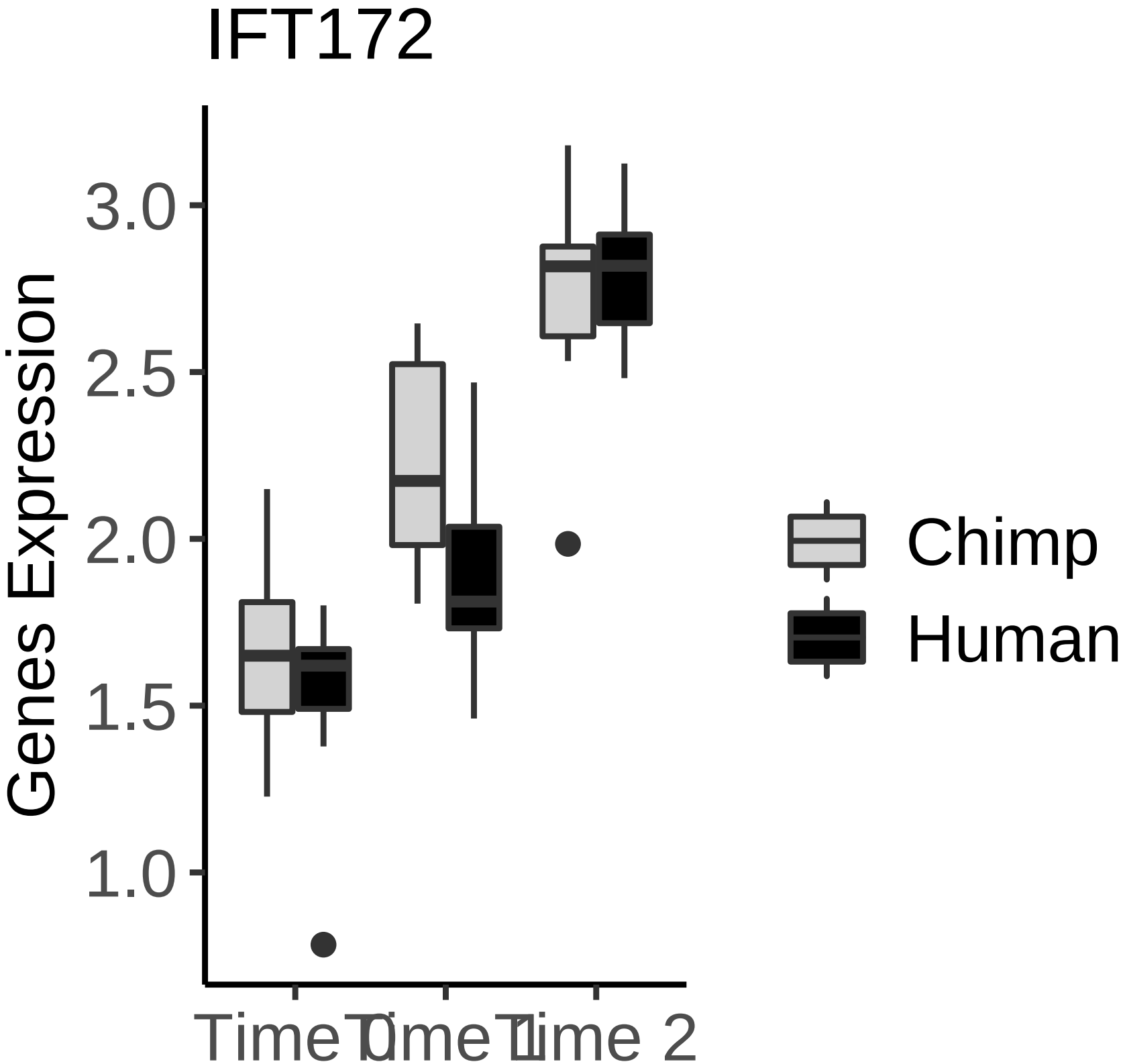
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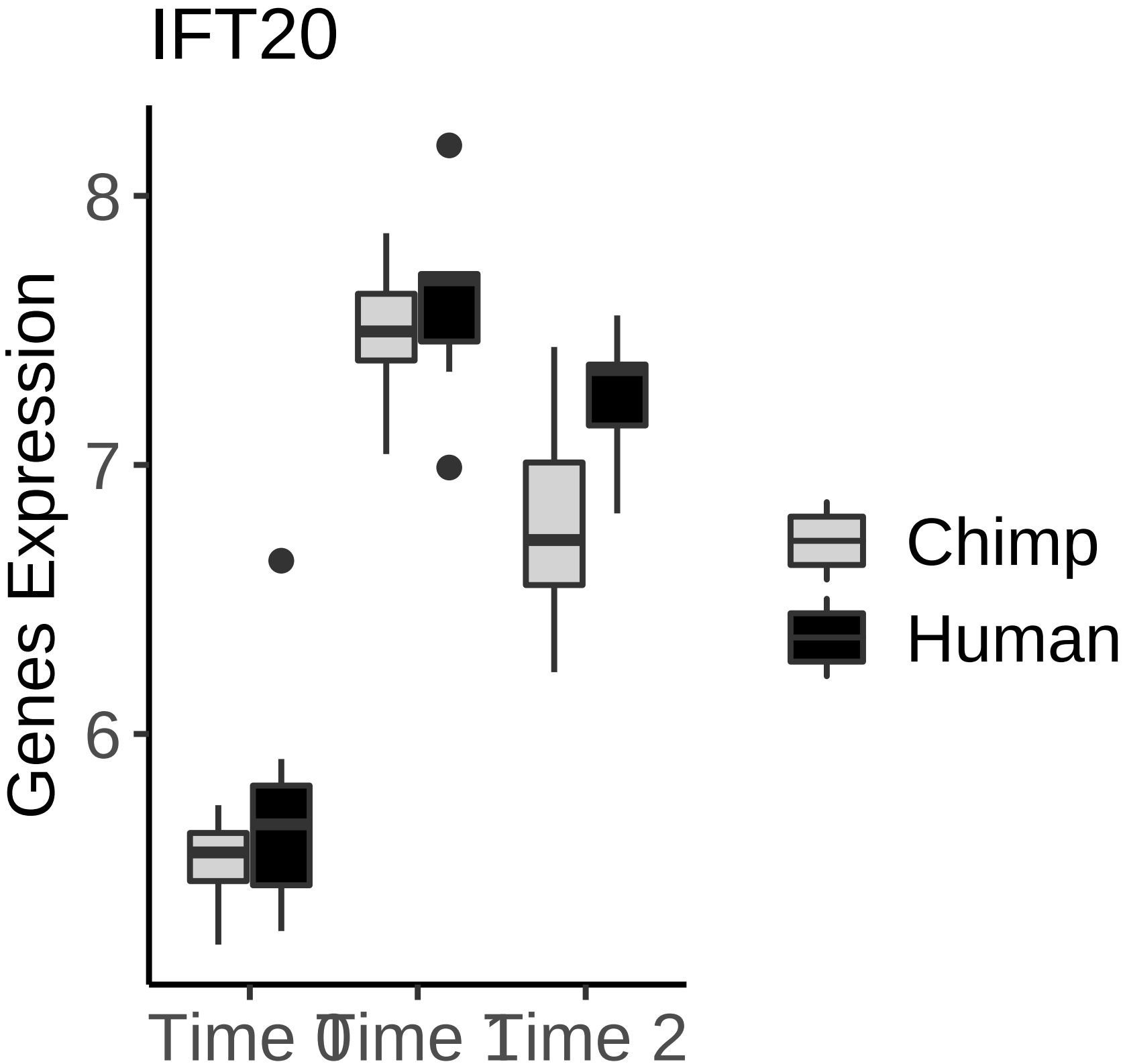
IFT20
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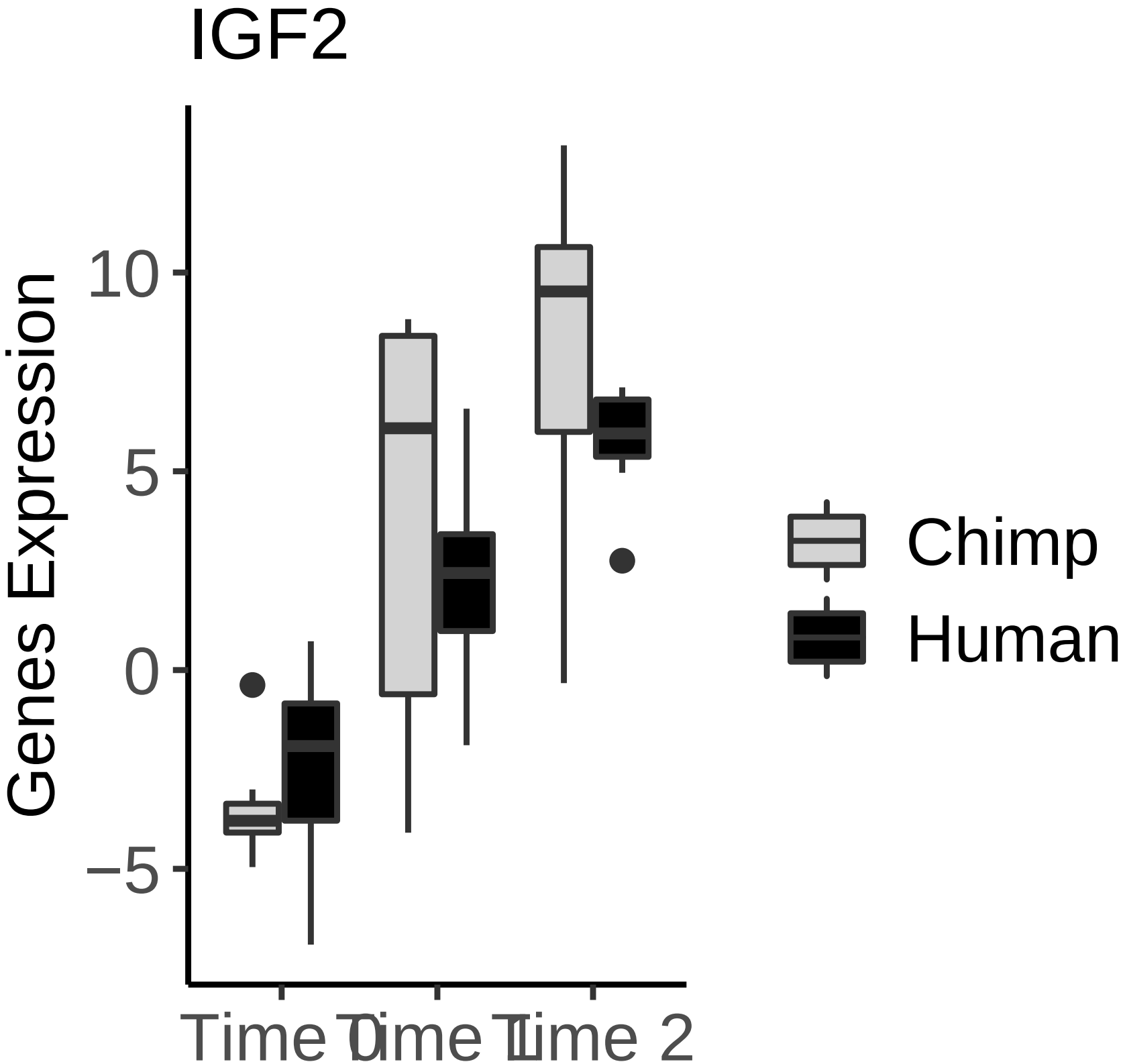
IGF2
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Time 2
Chimp
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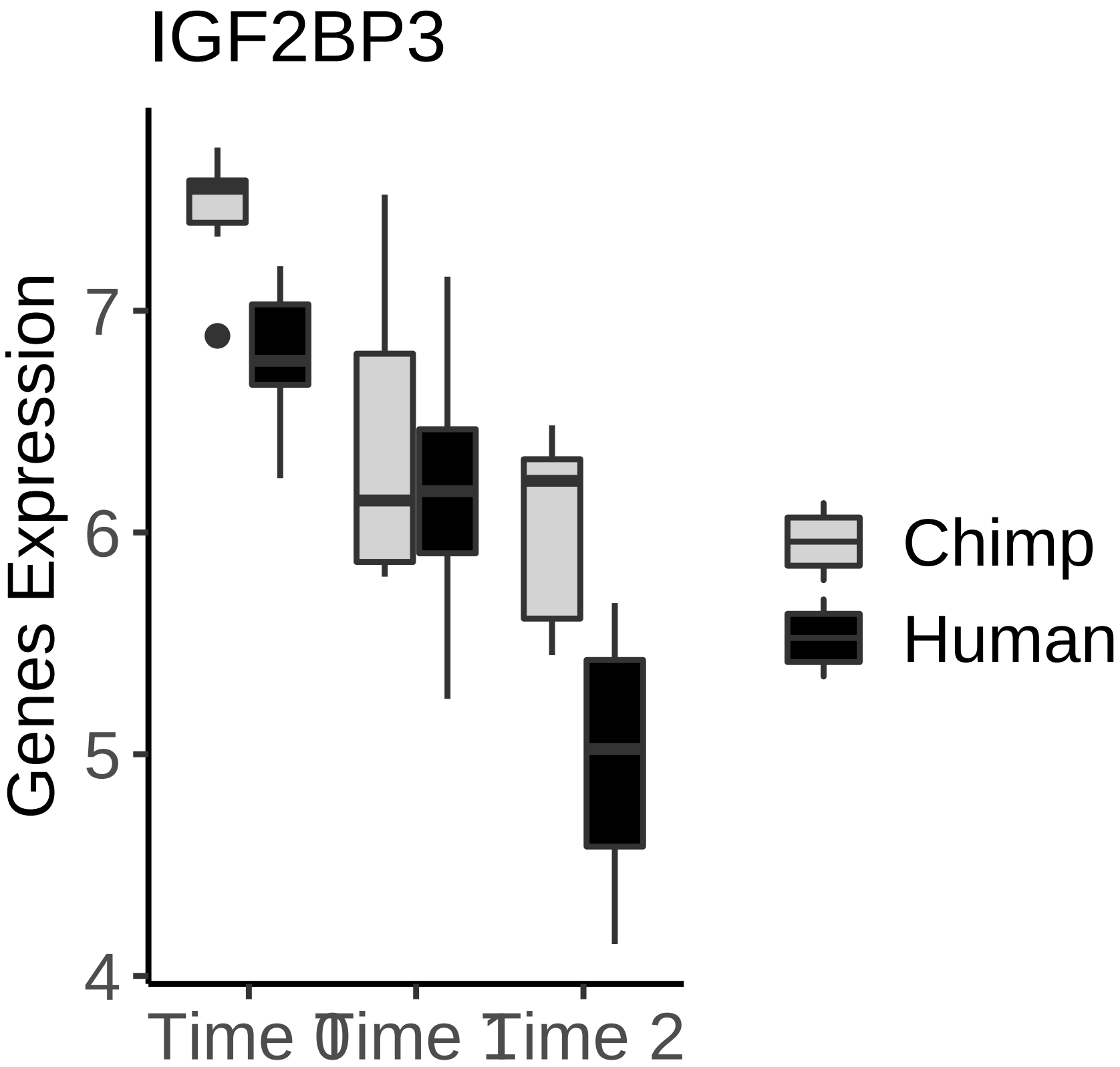
IGF2BP3
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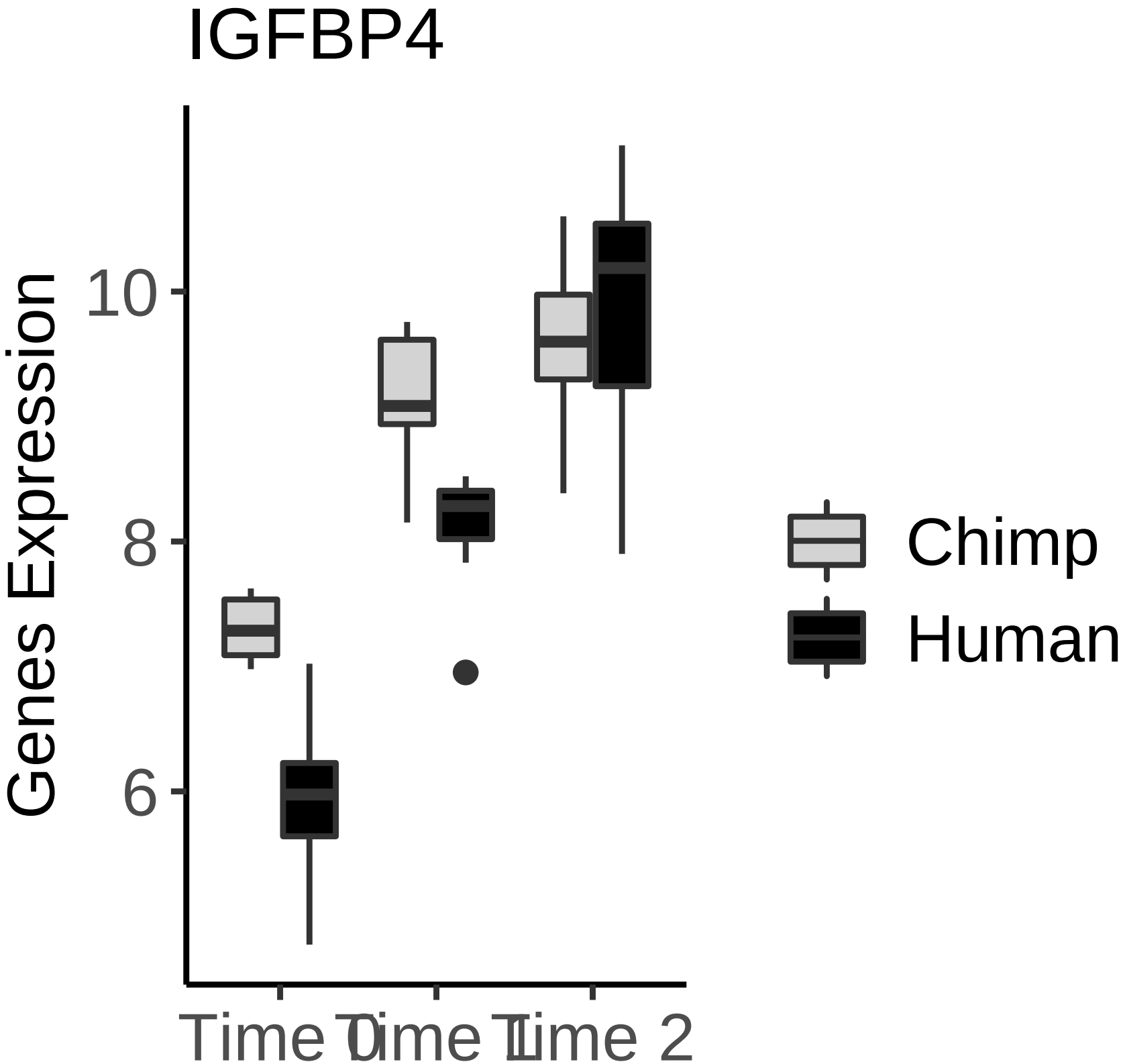
IGFBP4
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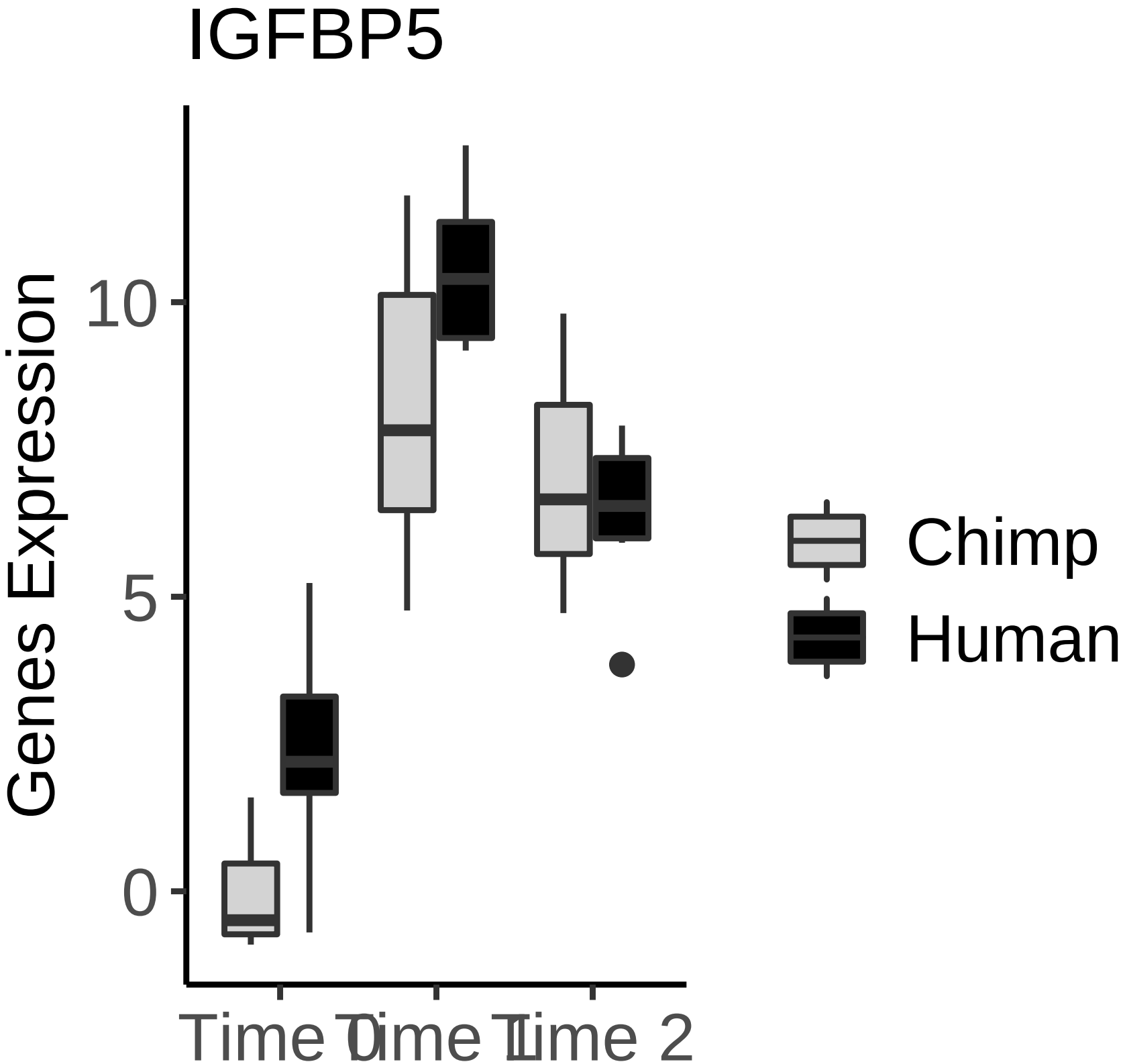
IGFBP5
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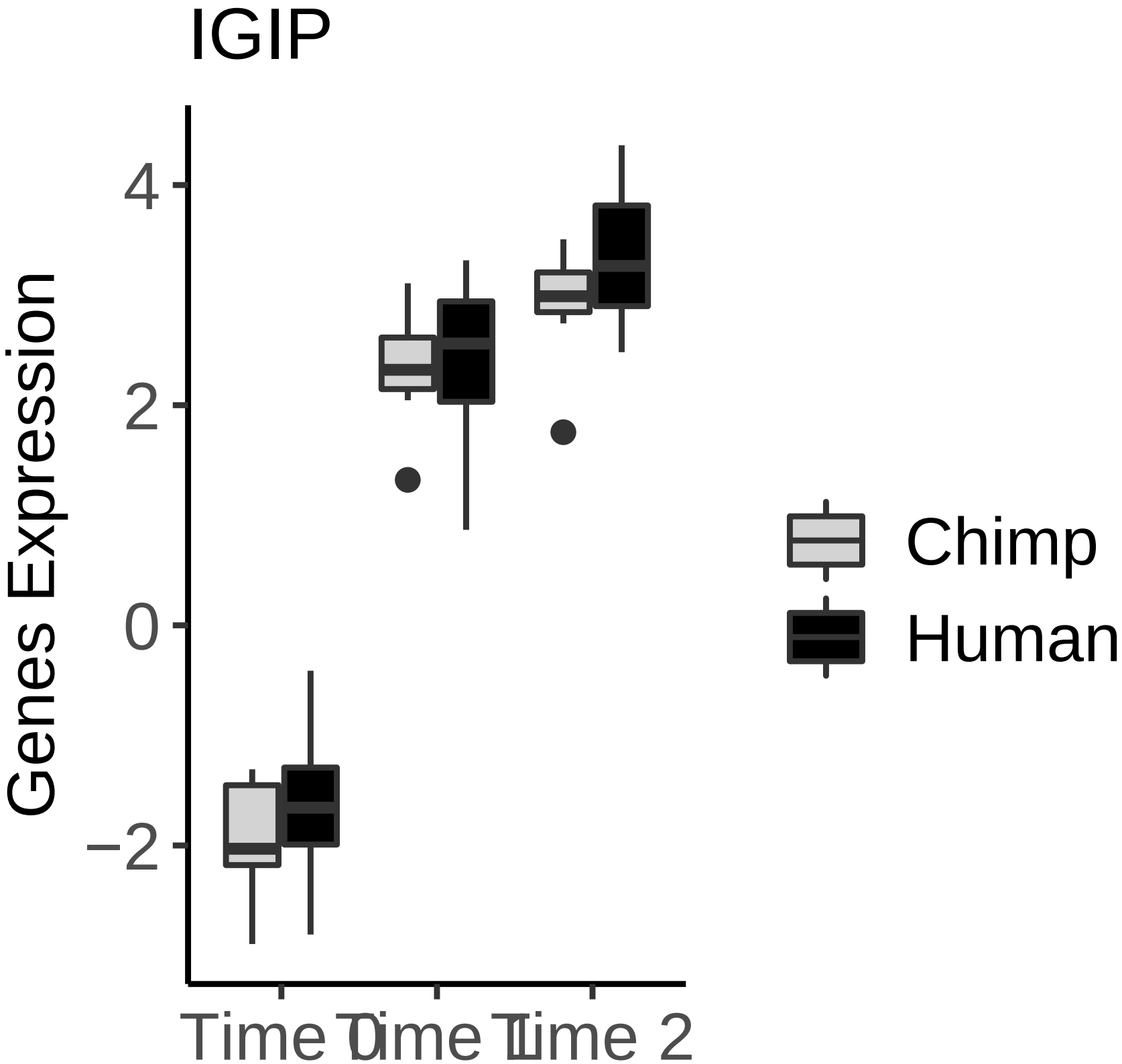
IGIP
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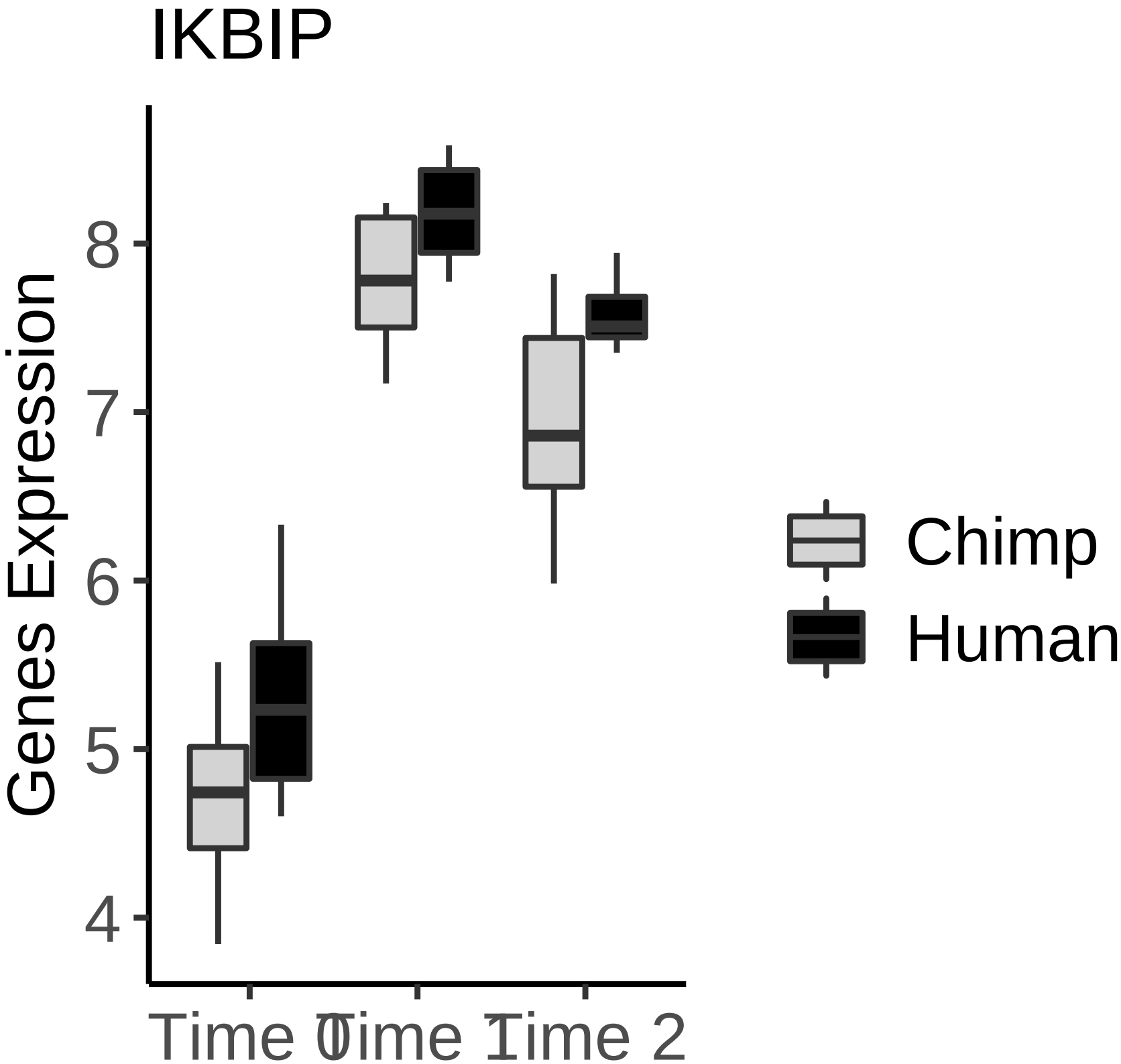
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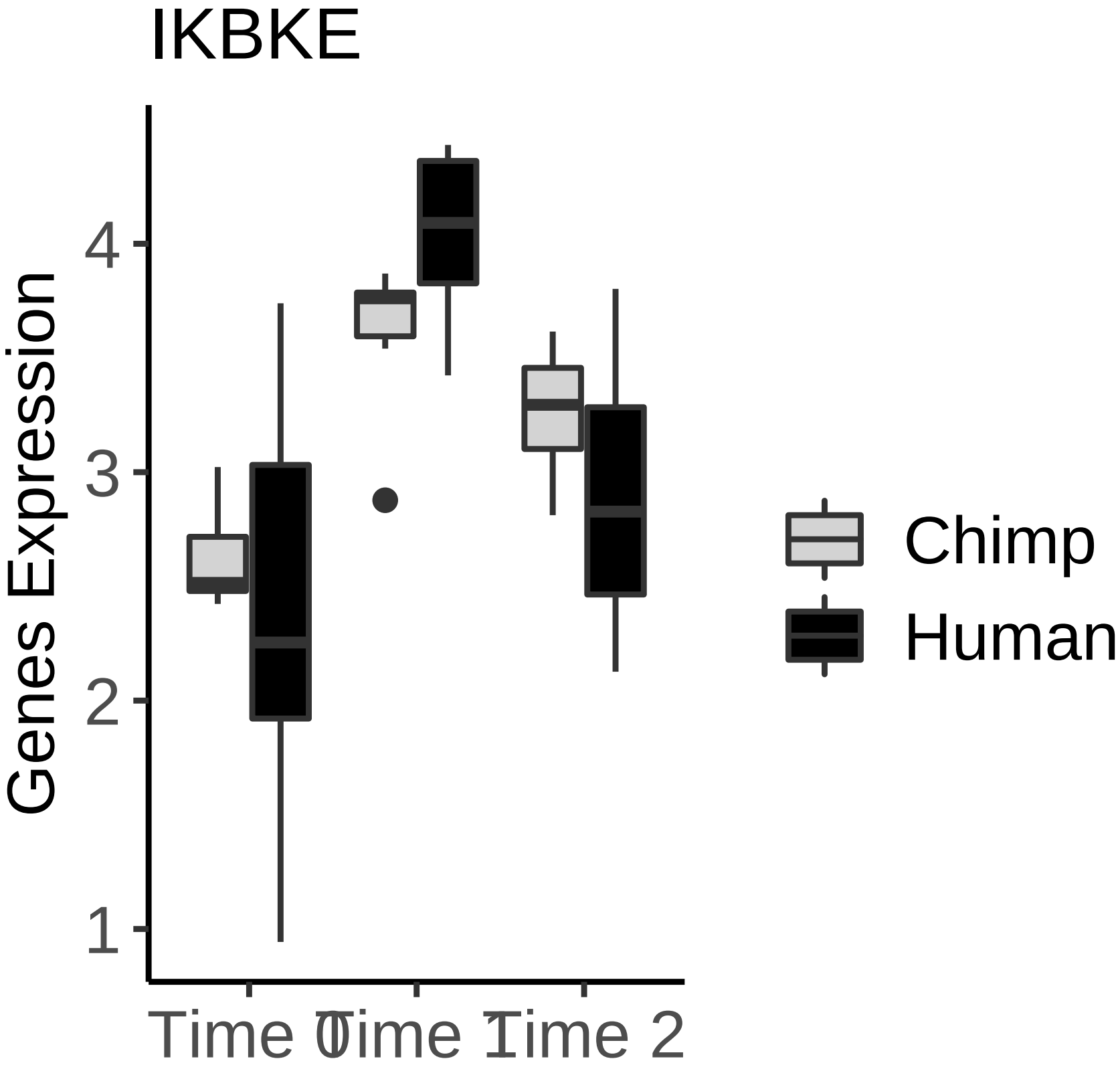
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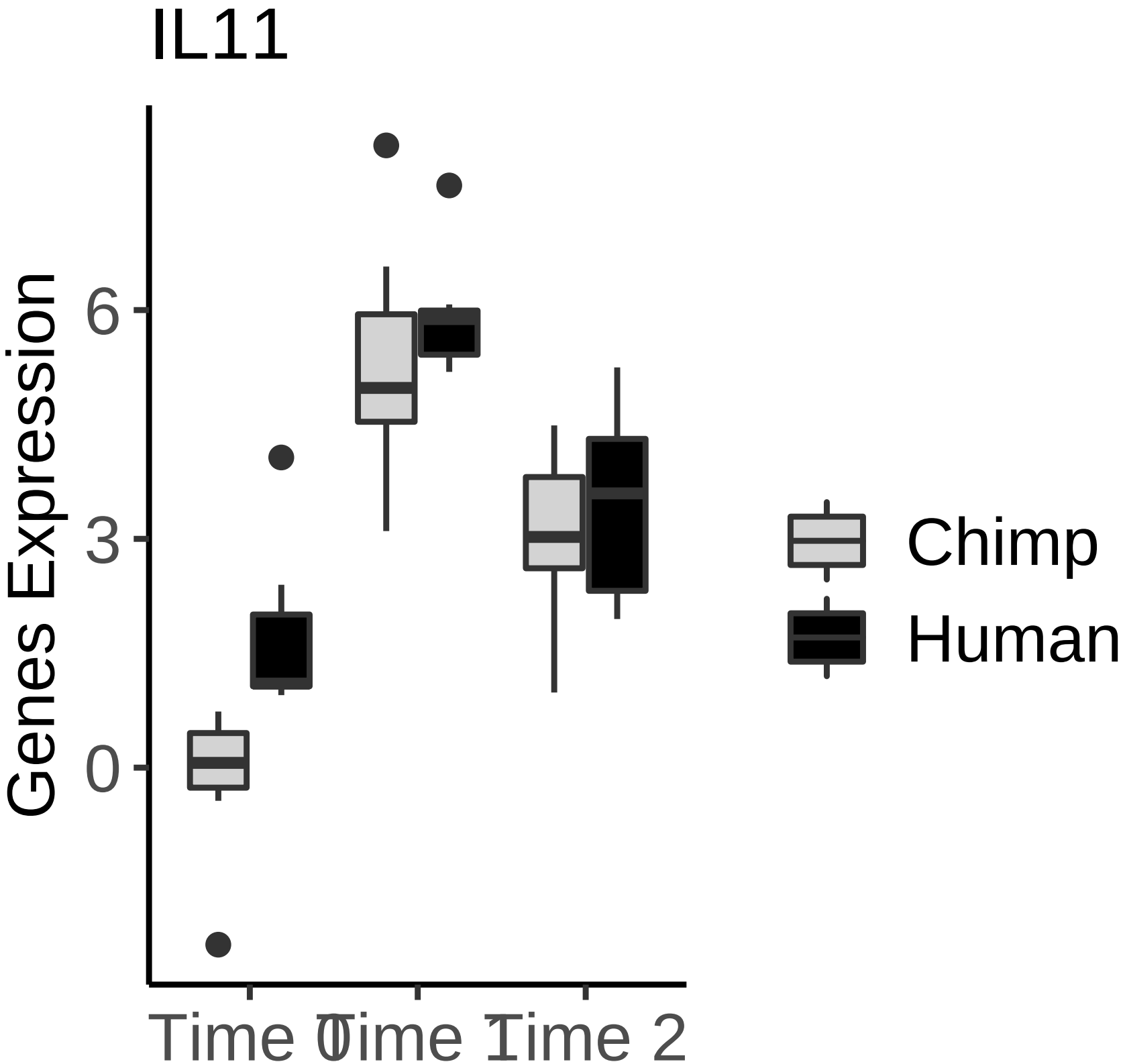
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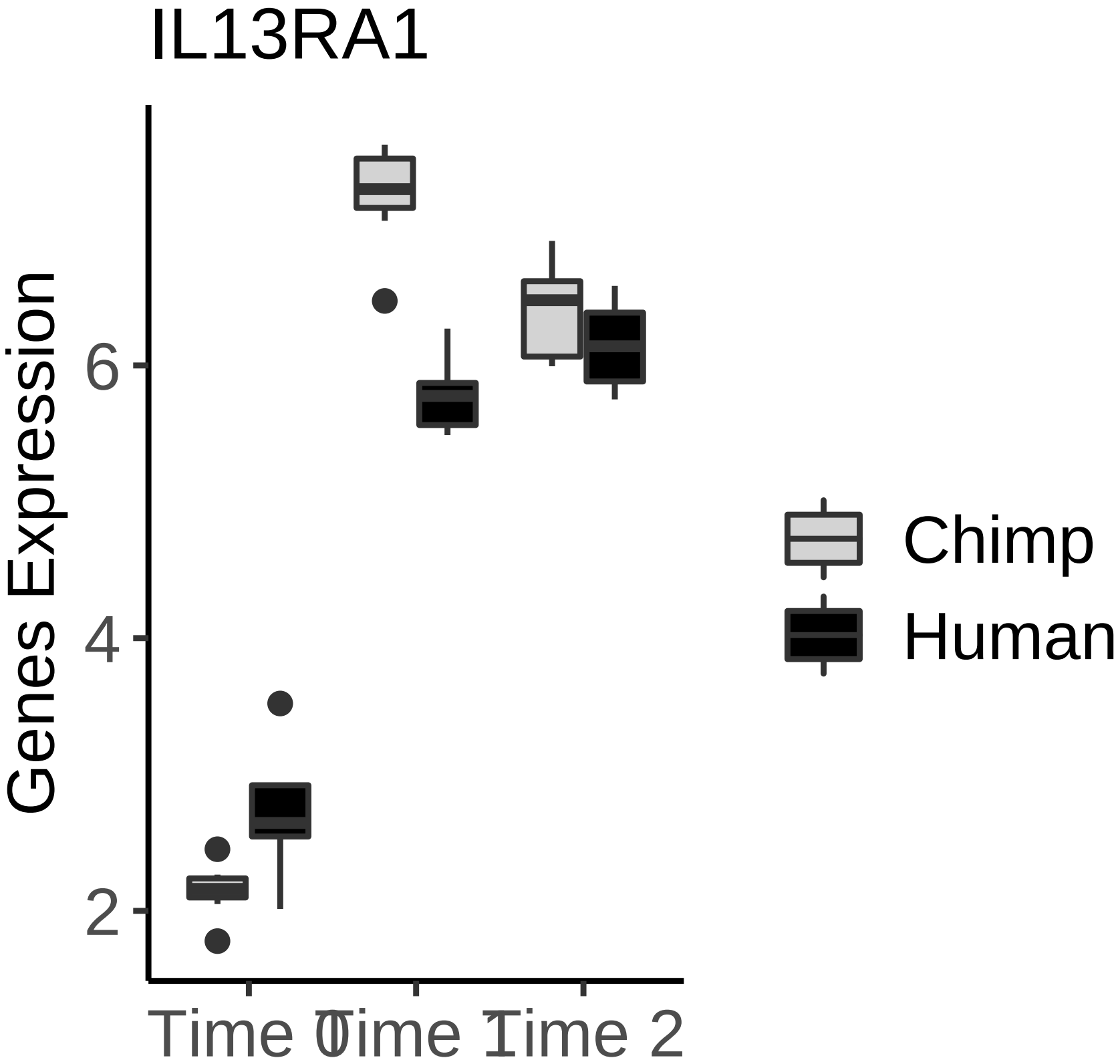
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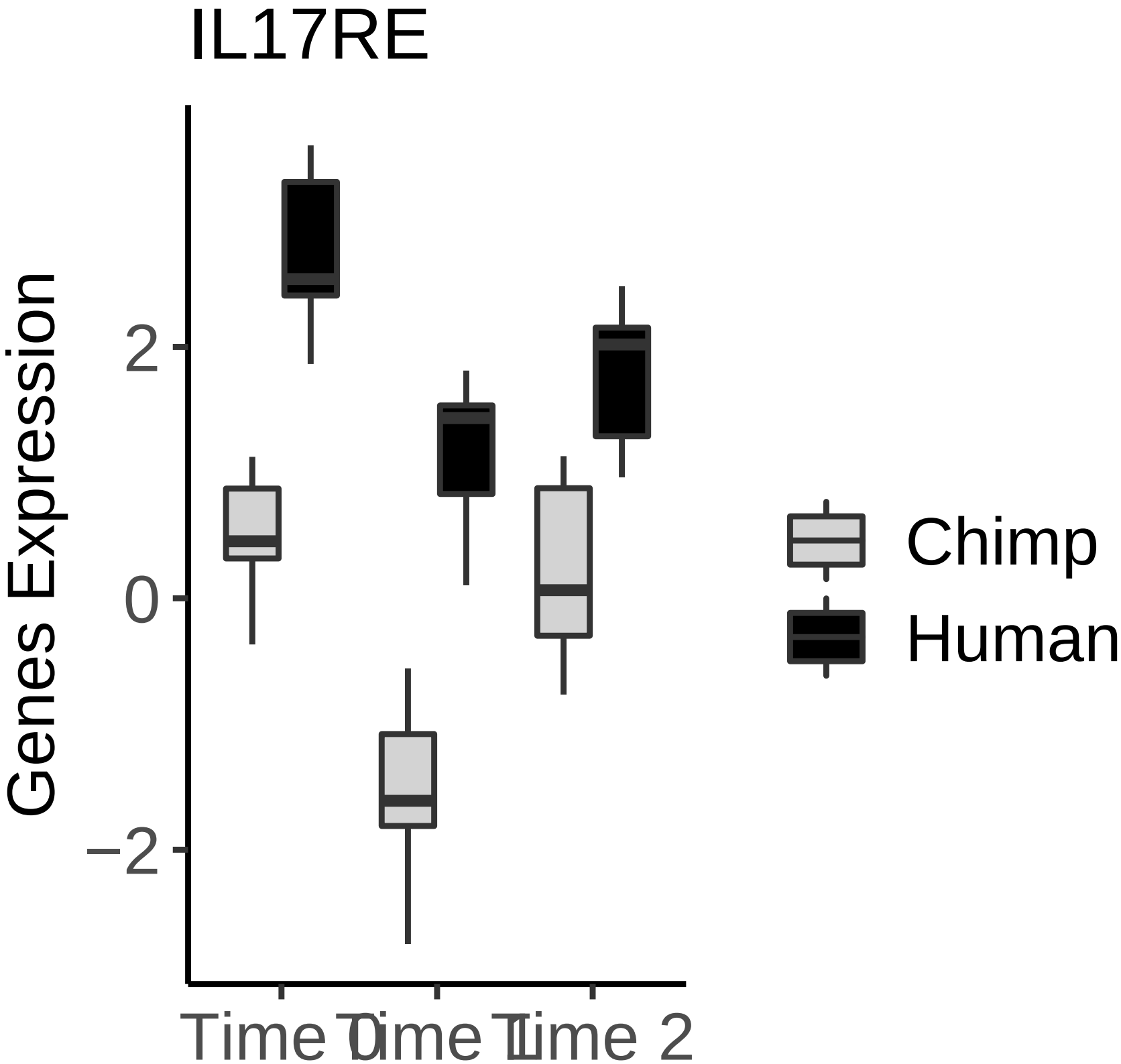
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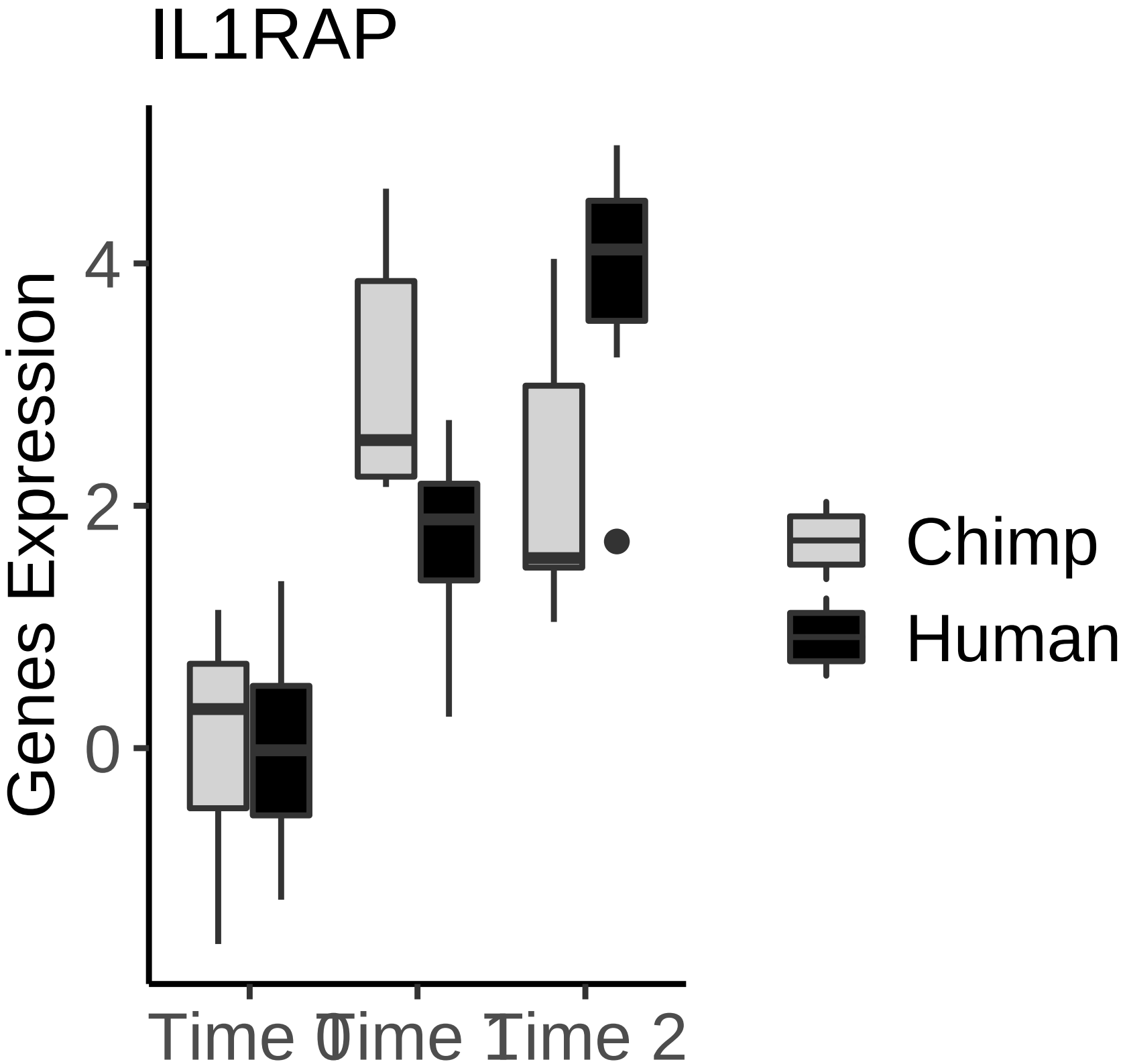
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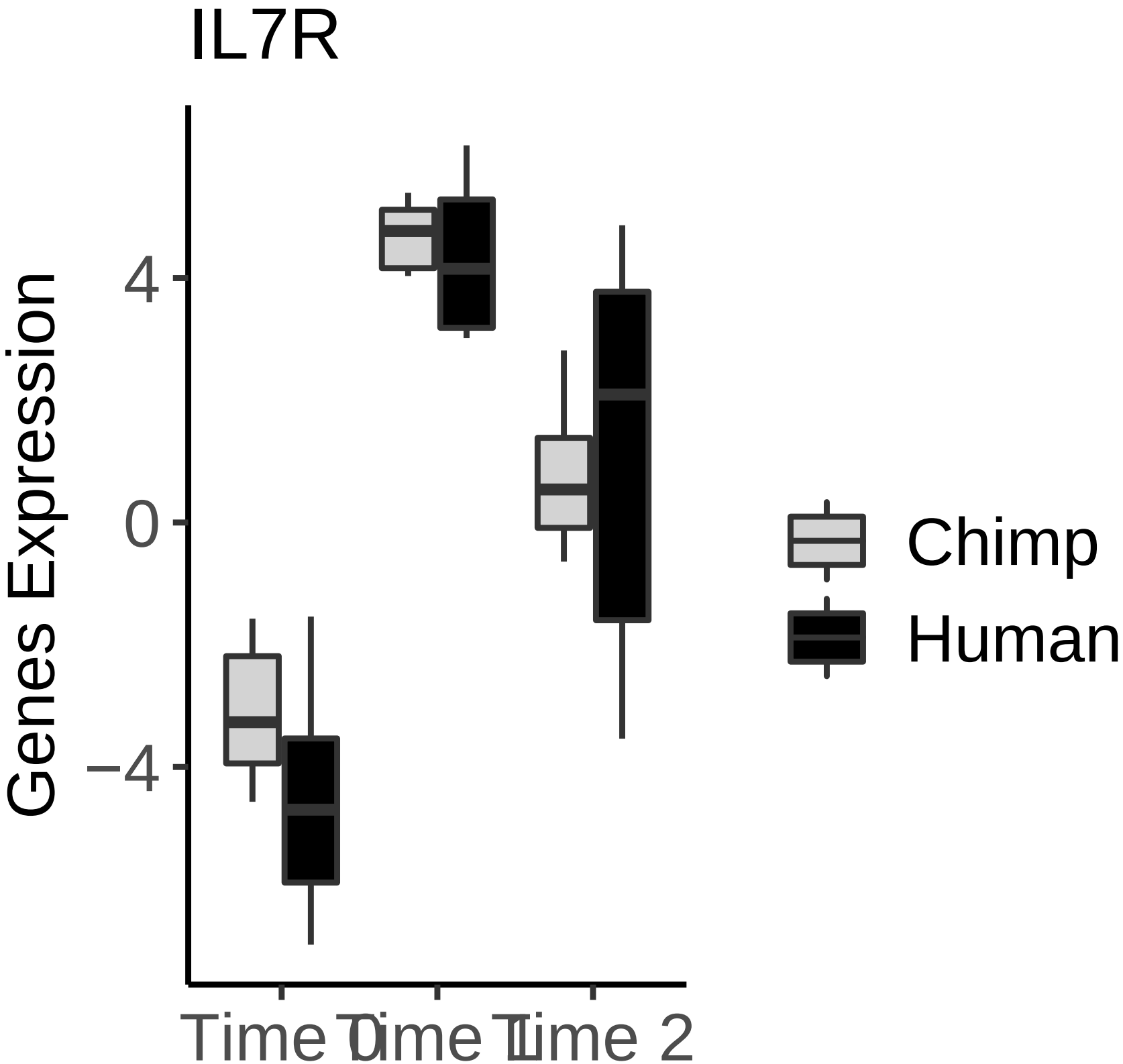
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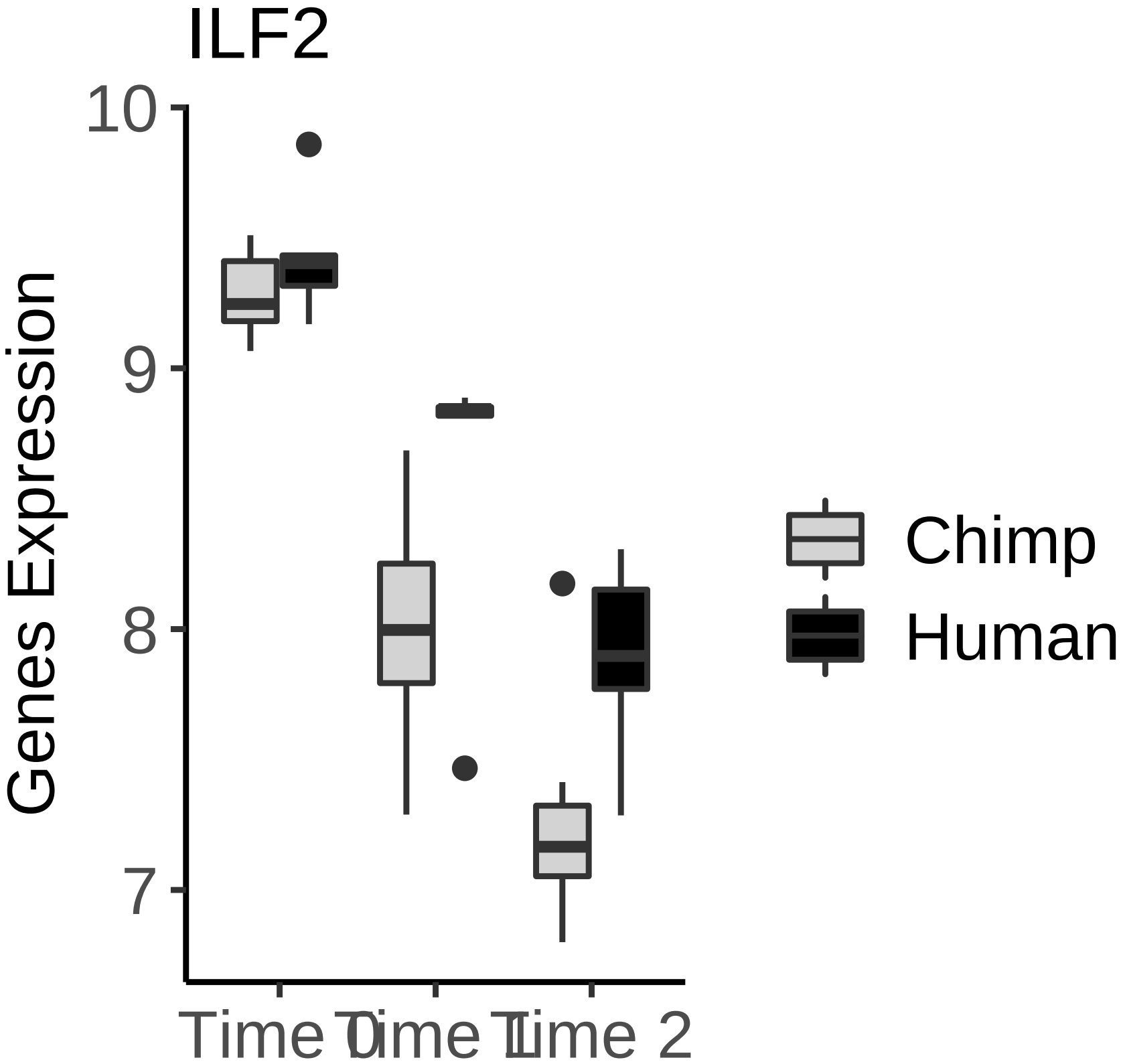
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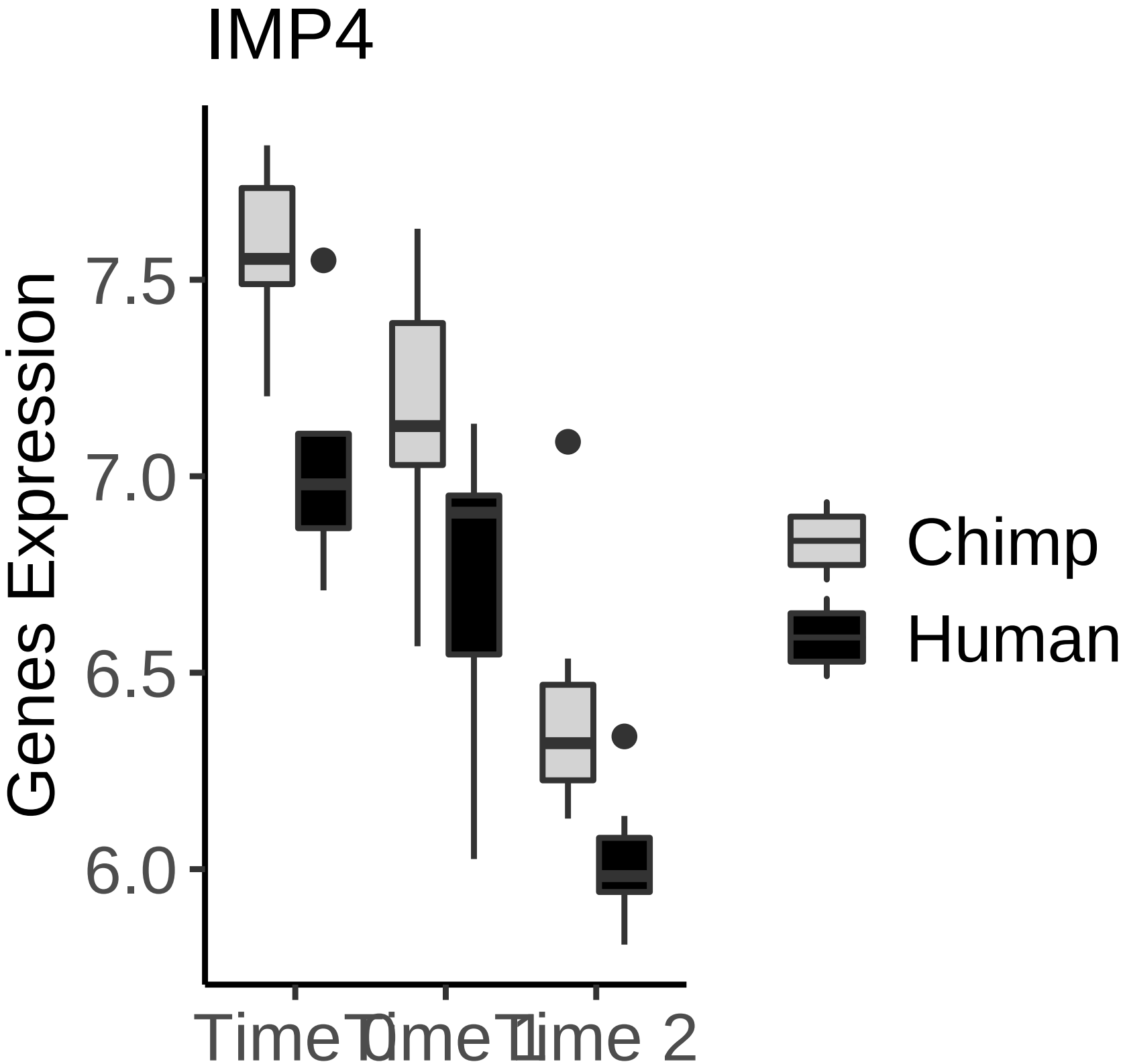
IMP4
Genes Expression
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Time 1
Time 2
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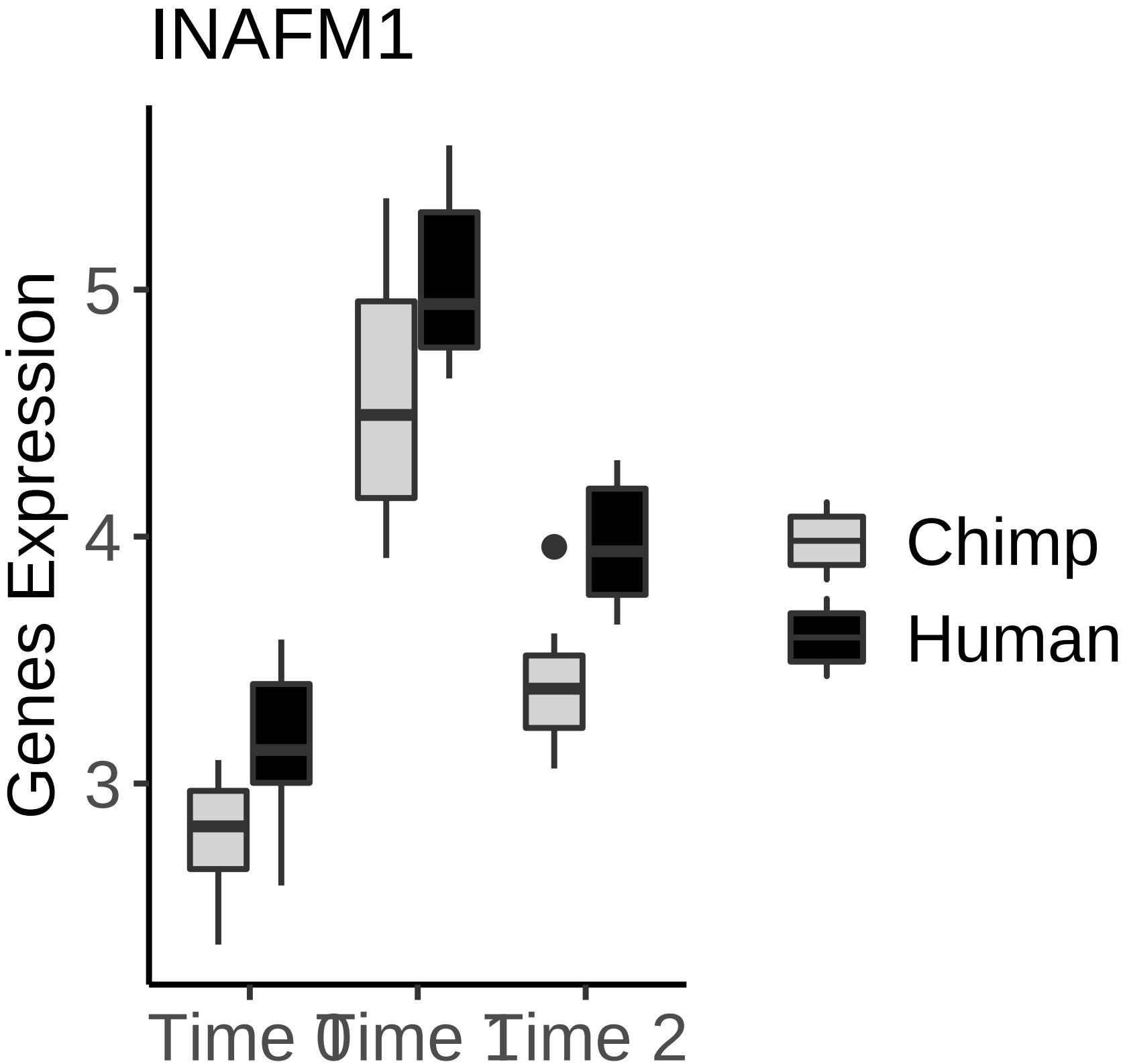
INAFM1
Genes Expression
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3
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Time 1
Time 2
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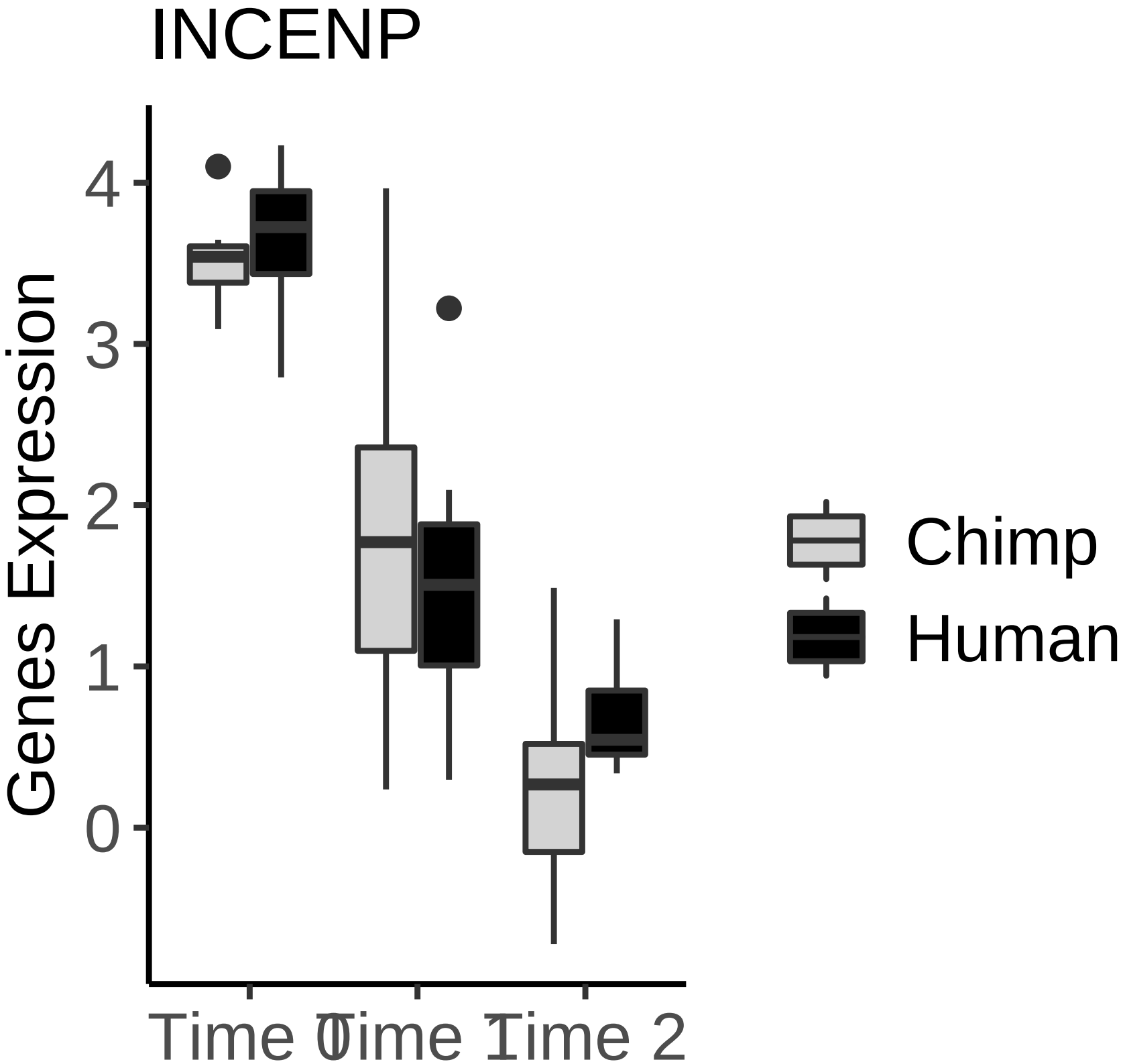
INCENP
Genes Expression
4
3
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Time 2
Chimp
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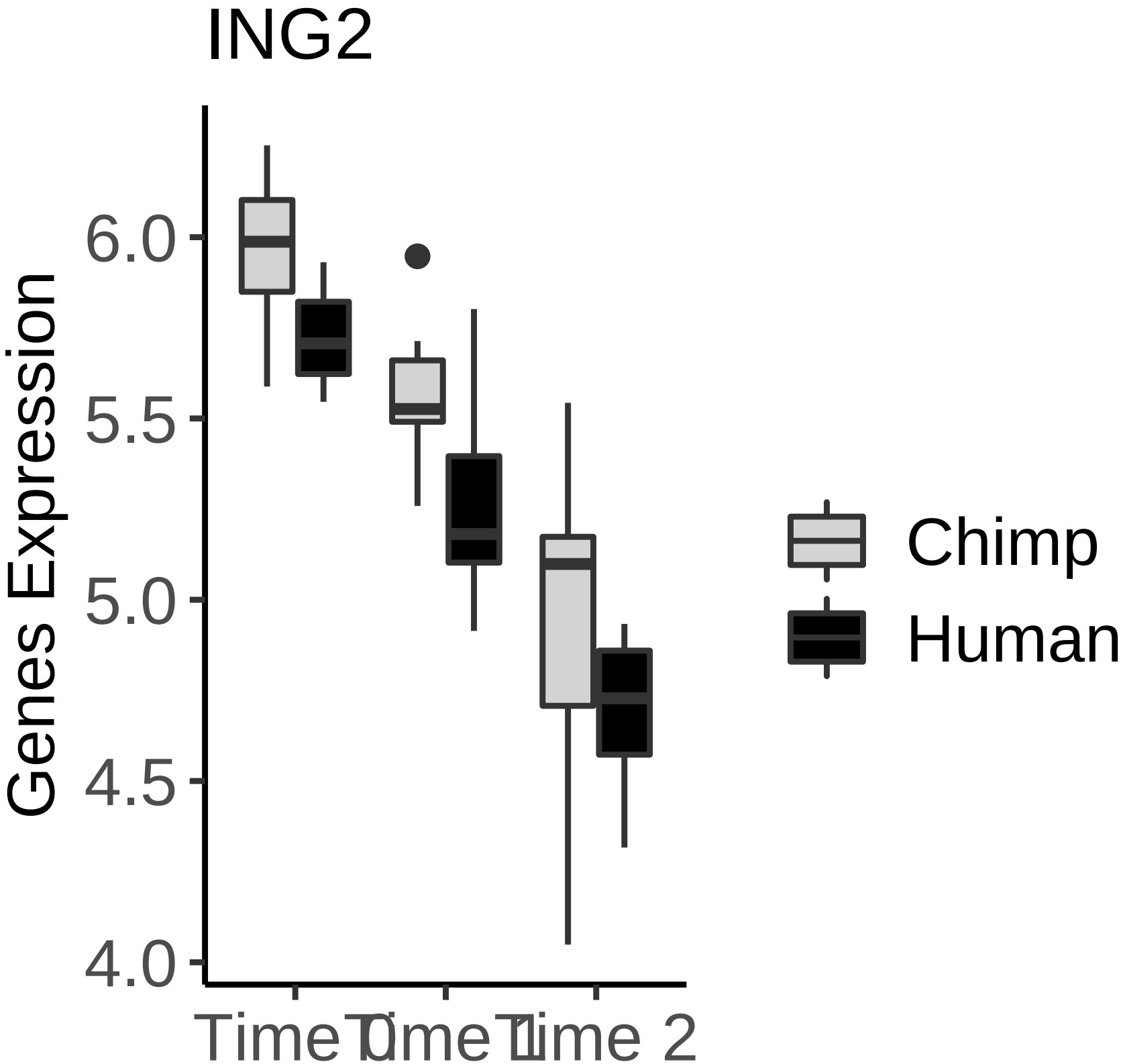
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Genes Expression
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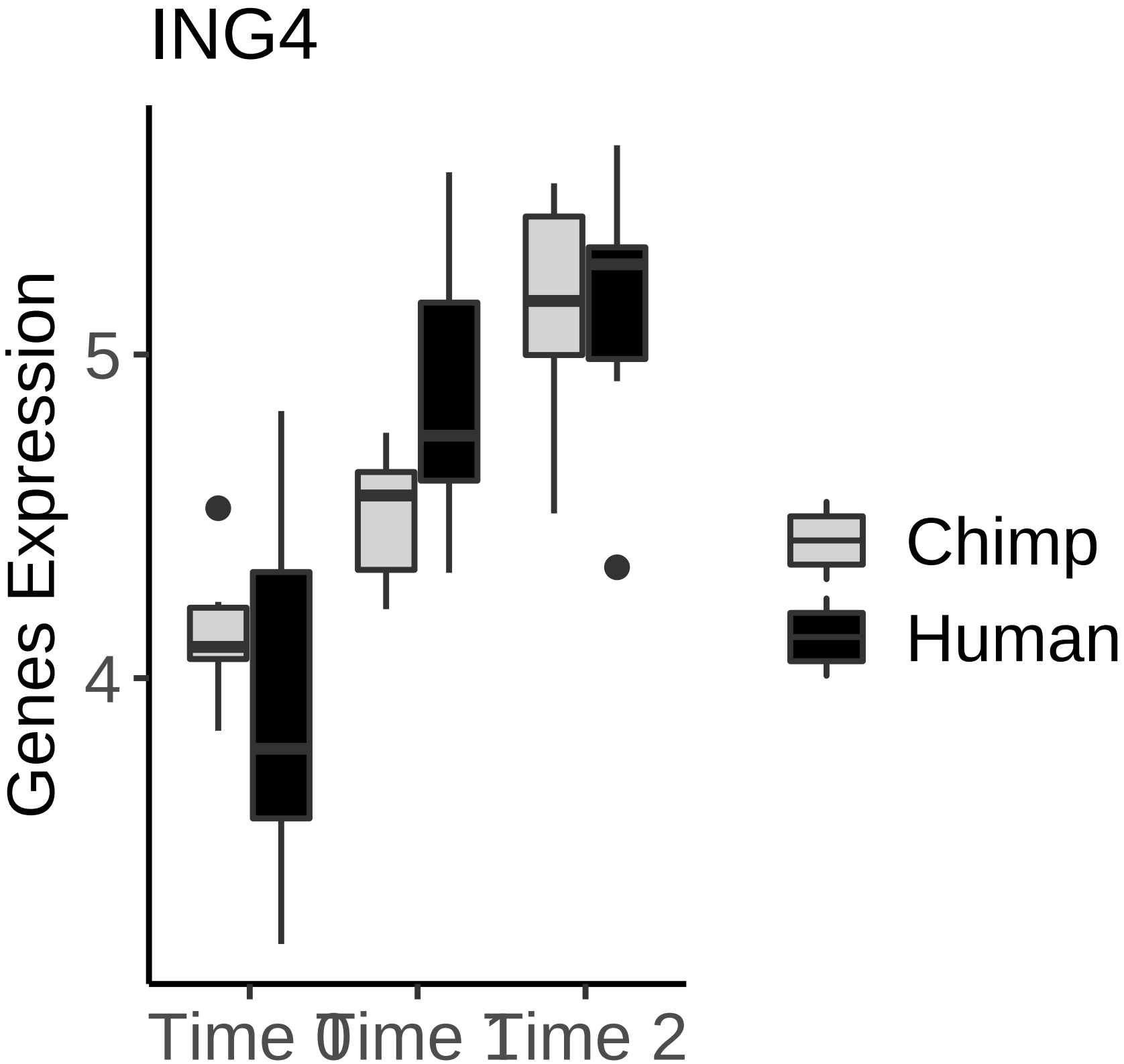
4.0
Time 0
Time 1
Time 2
Chimp
Human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Time 1
Time 2
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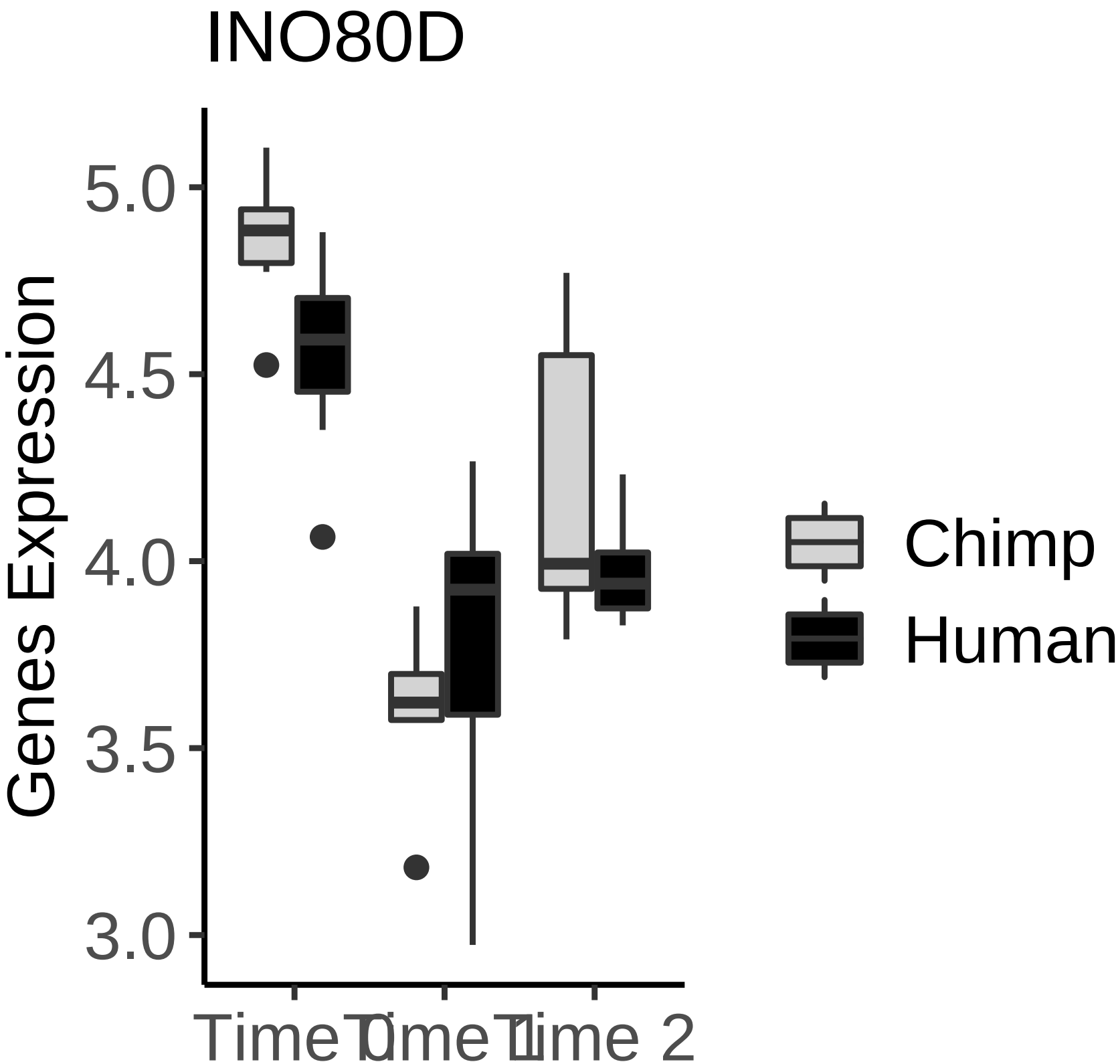
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Time 2
Chimp
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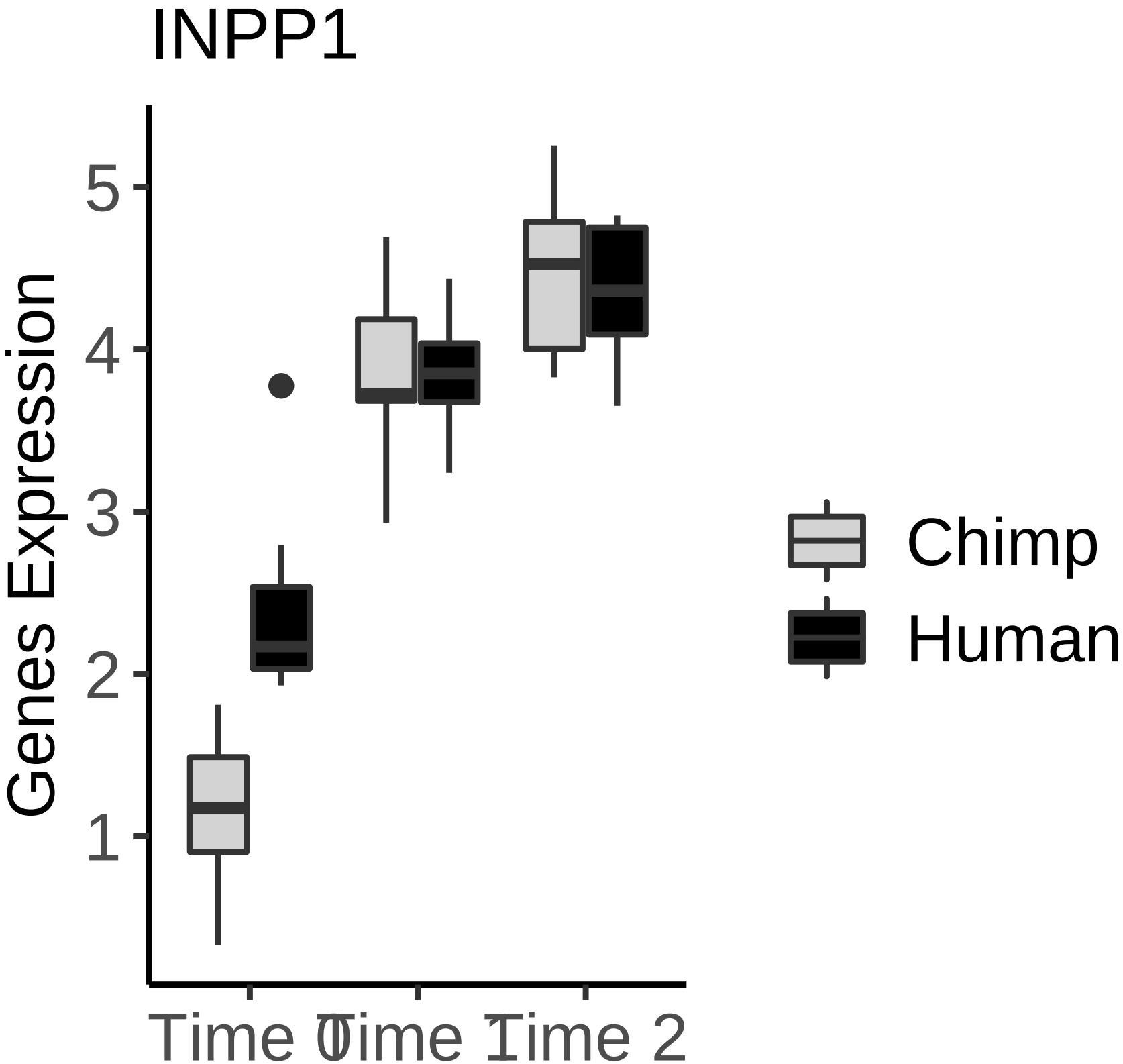
INPP1
Genes Expression
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4
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2
1
Time 0
Time 1
Time 2
Chimp
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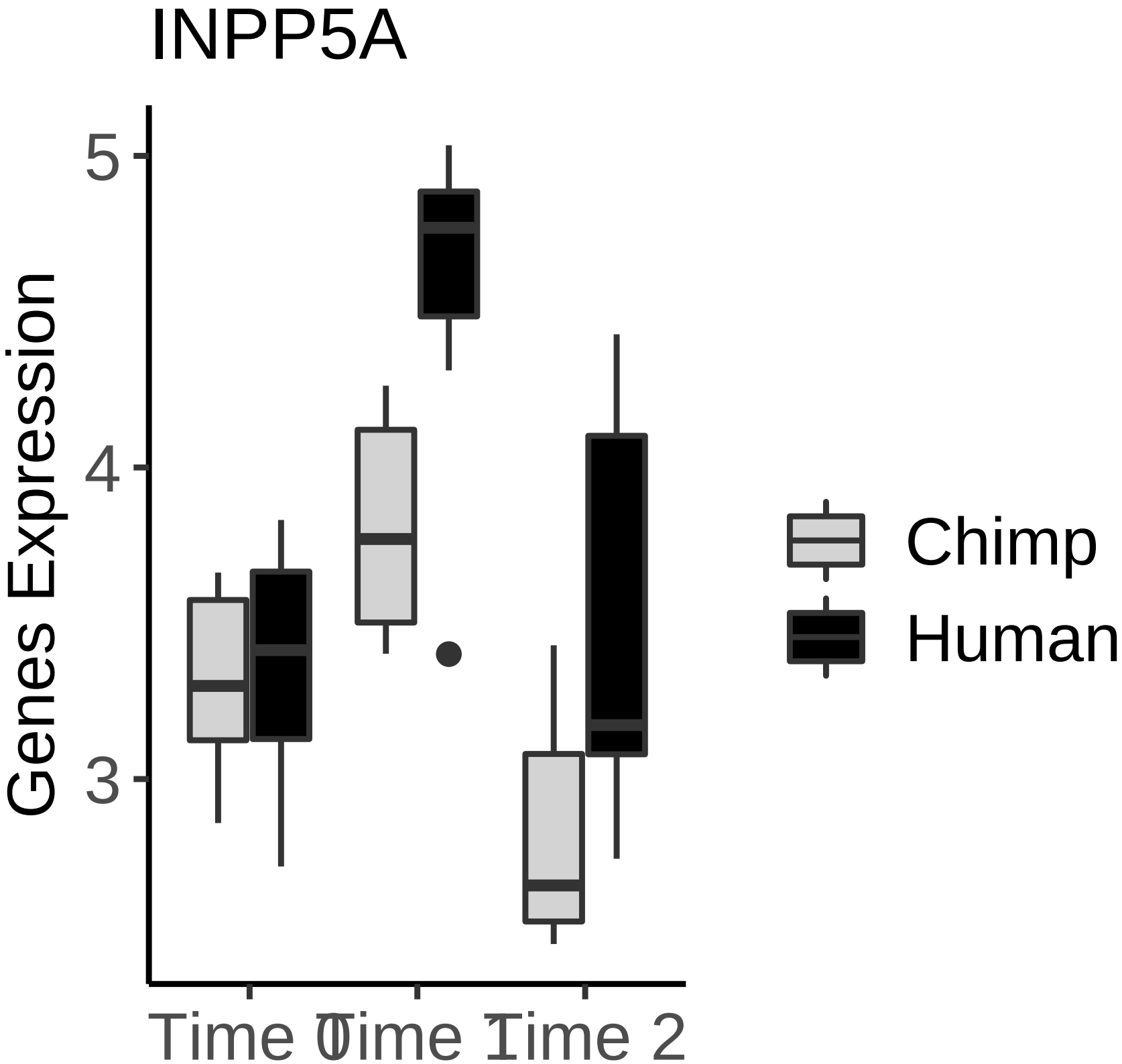
INPP5A
Genes Expression
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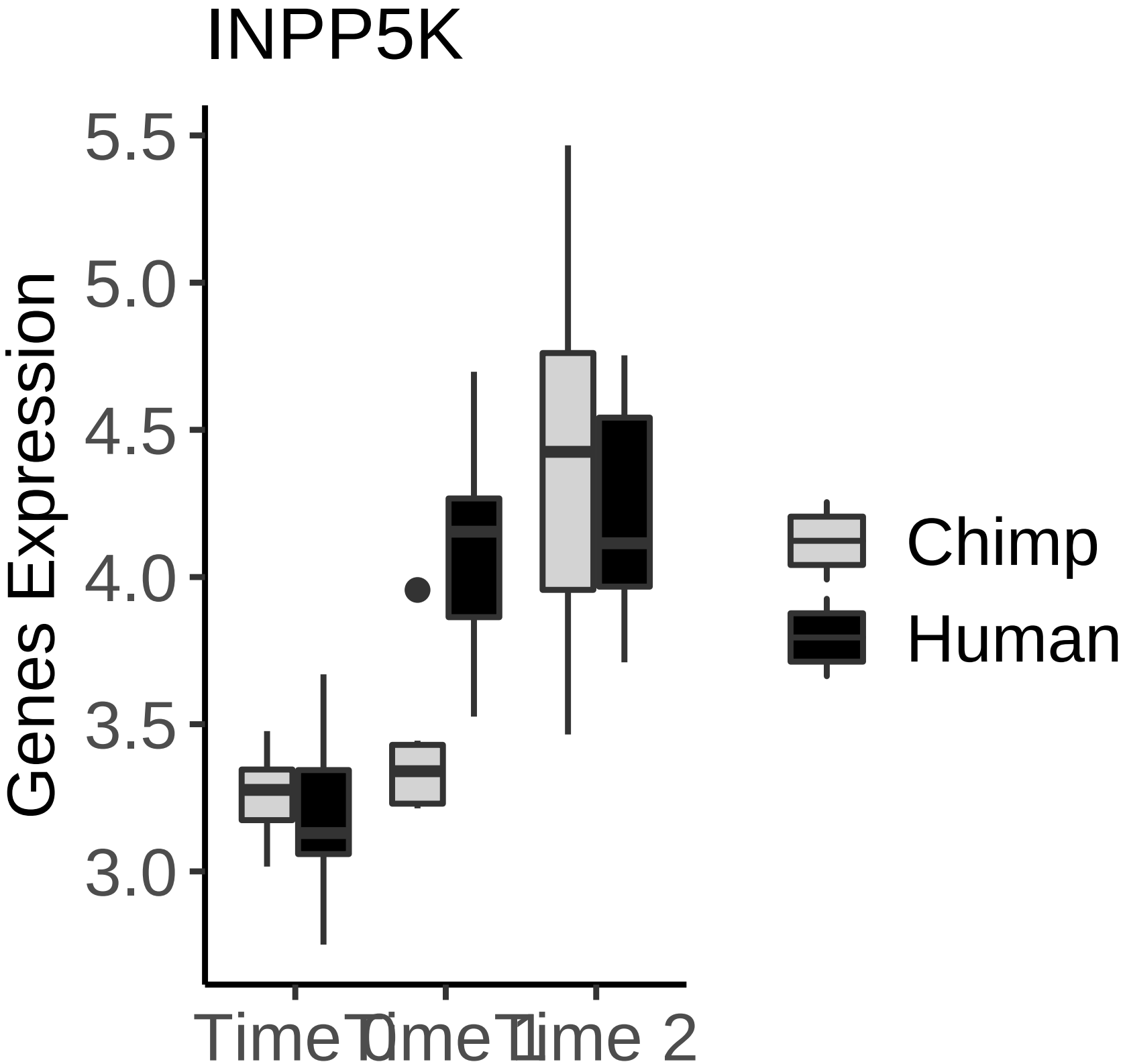
4
3
Time 0
Time 1
Time 2
Chimp
Human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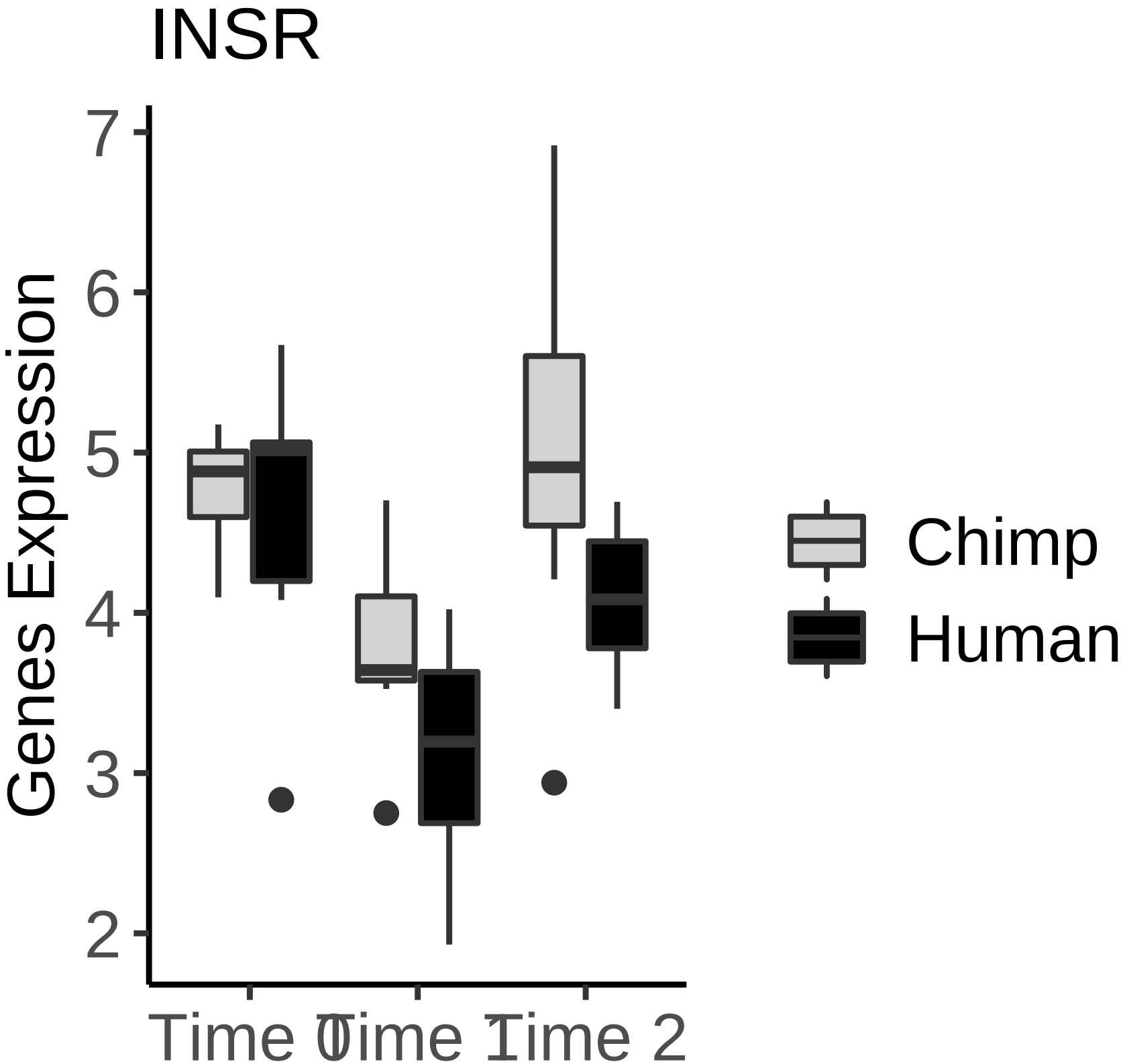
3.0
Time 0
Time 1
Time 2
Chimp
Human


INSR
Genes Expression
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Time 1
Time 2
Chimp
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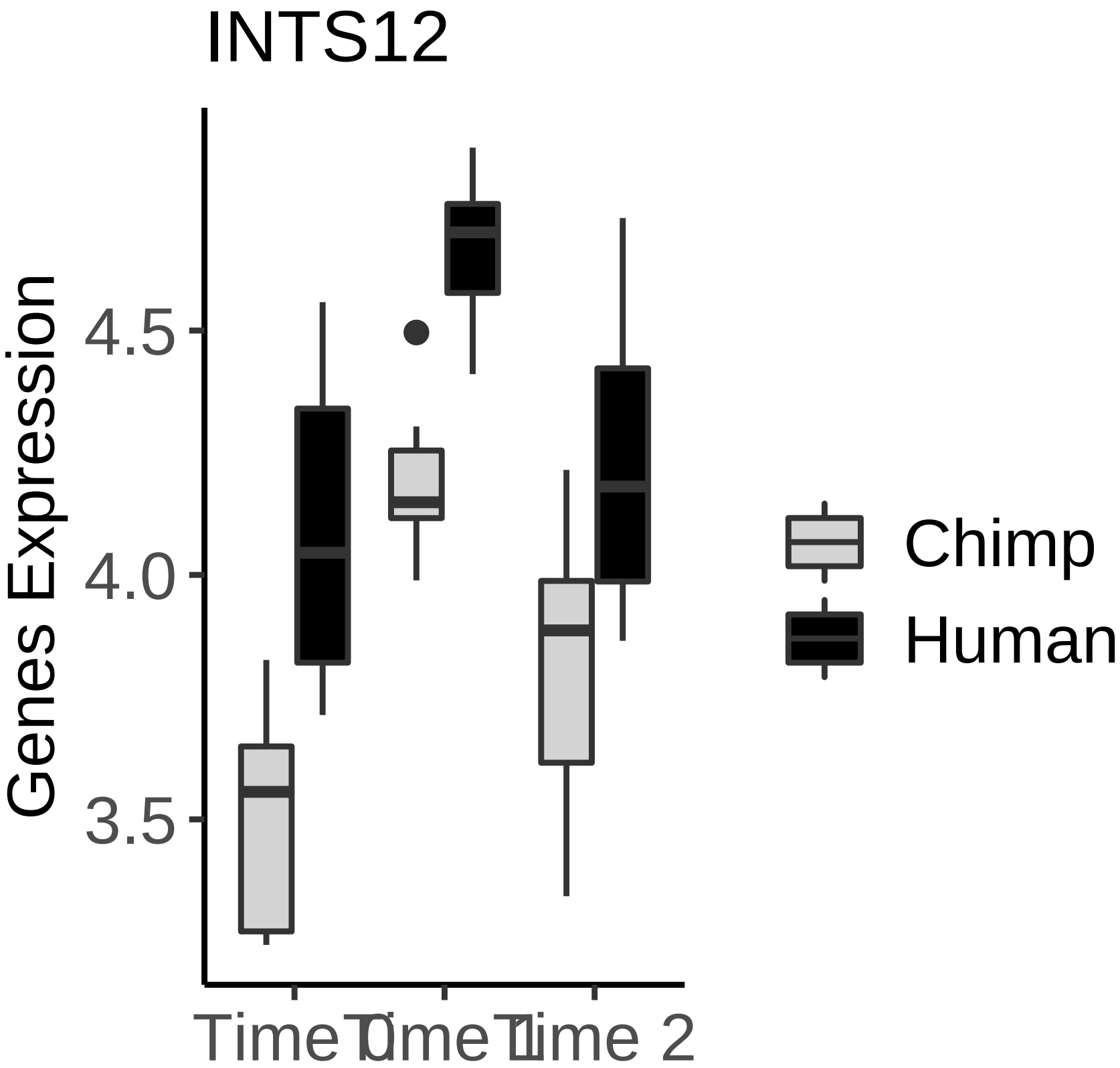
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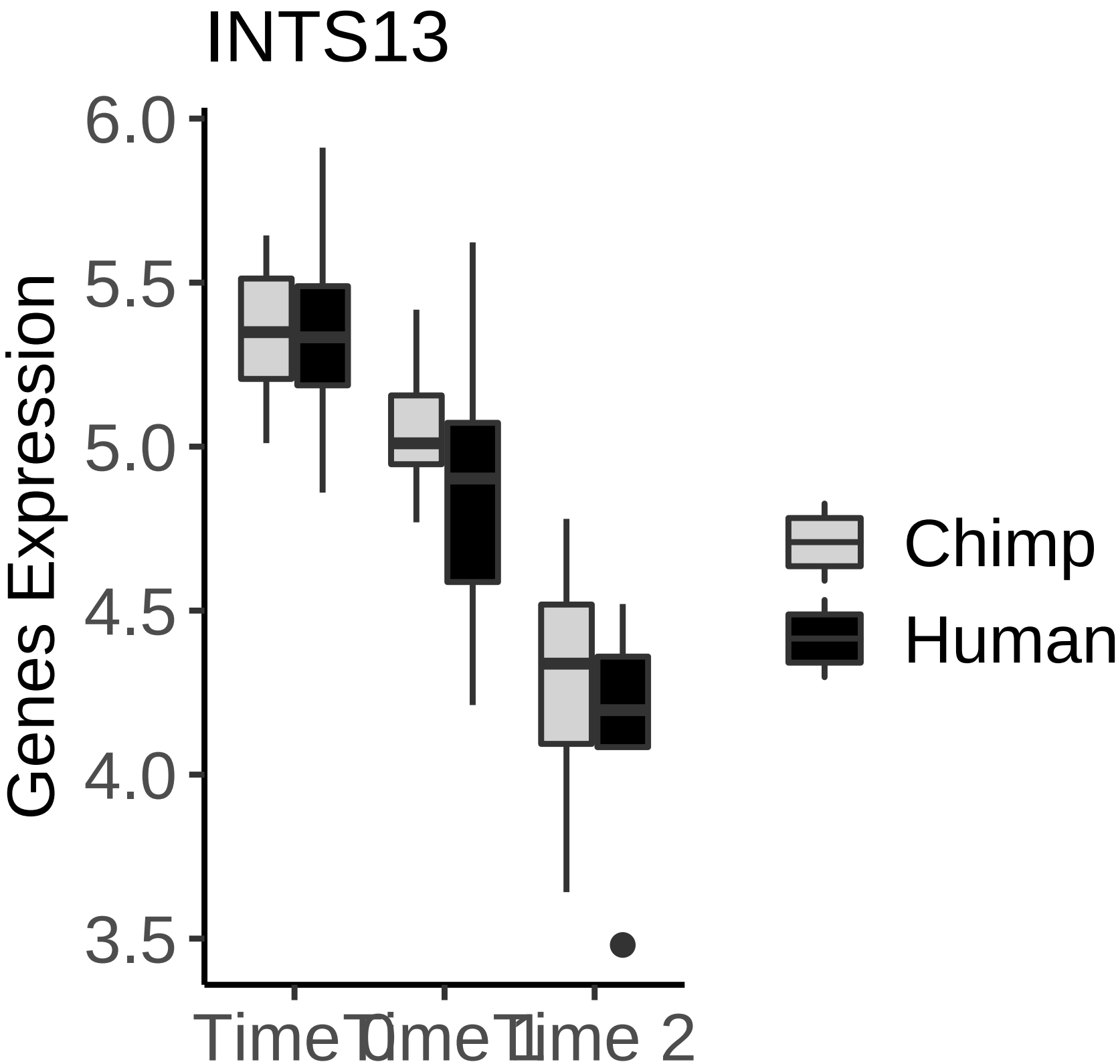
Time 2
Chimp
Human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4.5
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3.5
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Time 2
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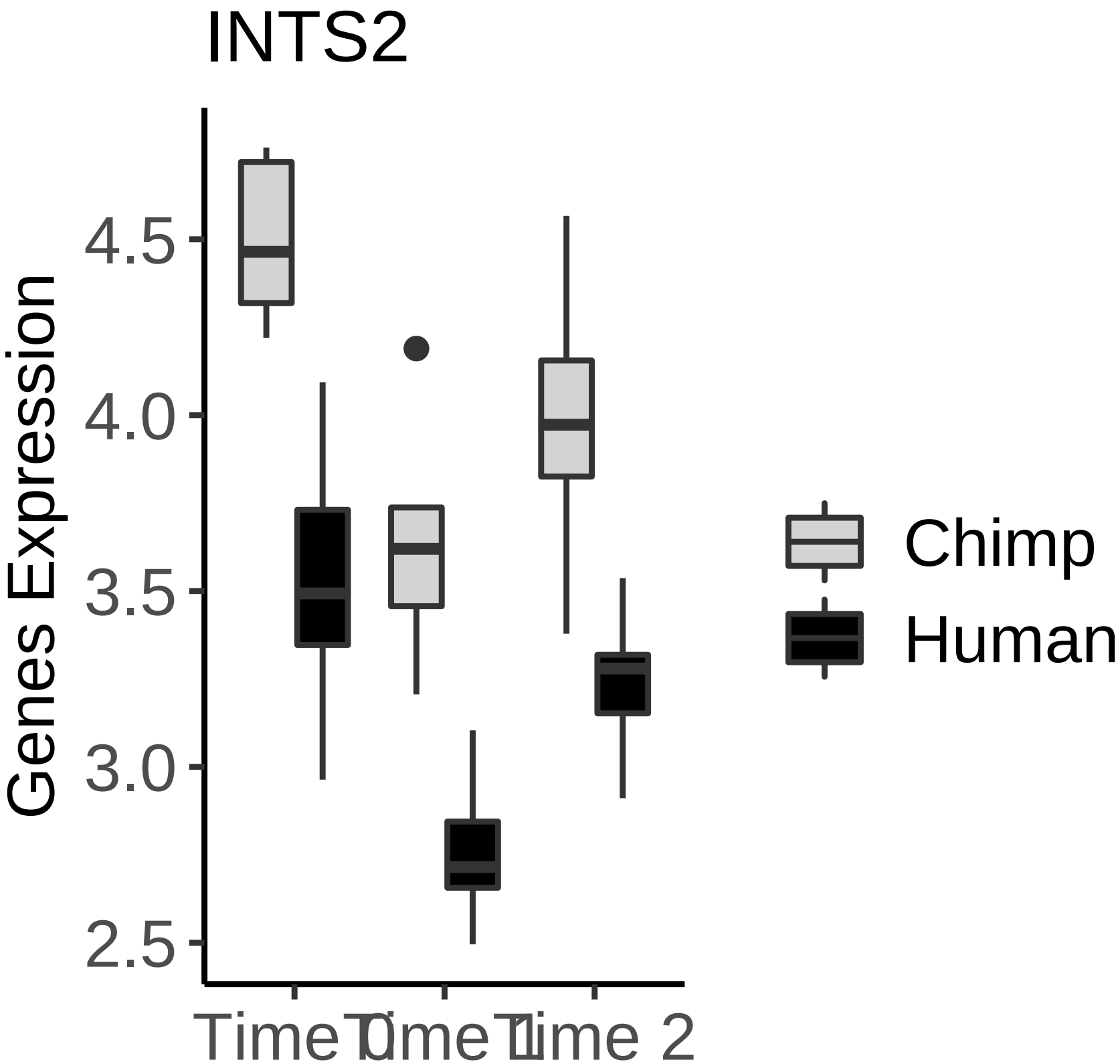
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Time 1
Time 2
Chimp
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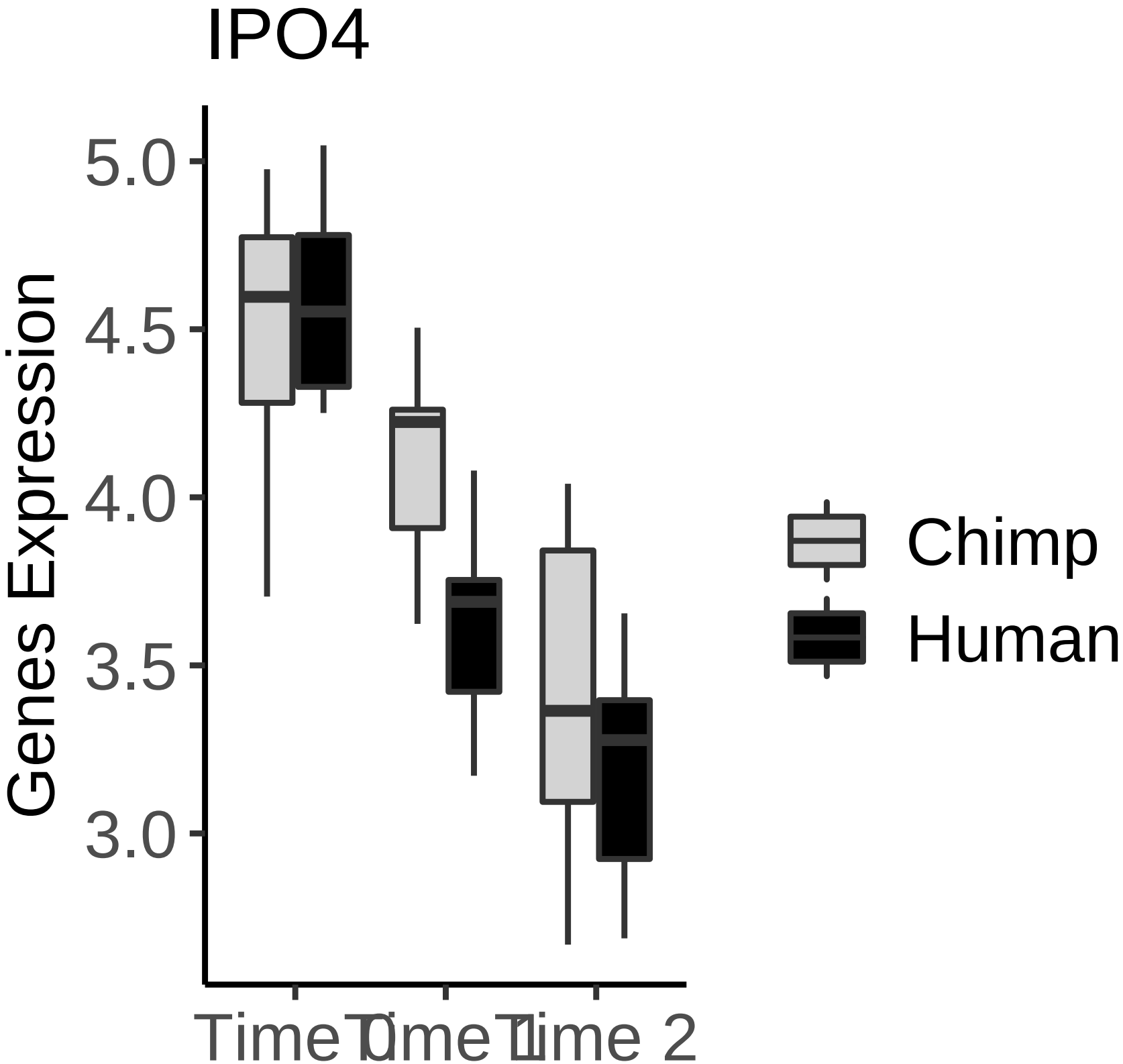
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Genes Expression
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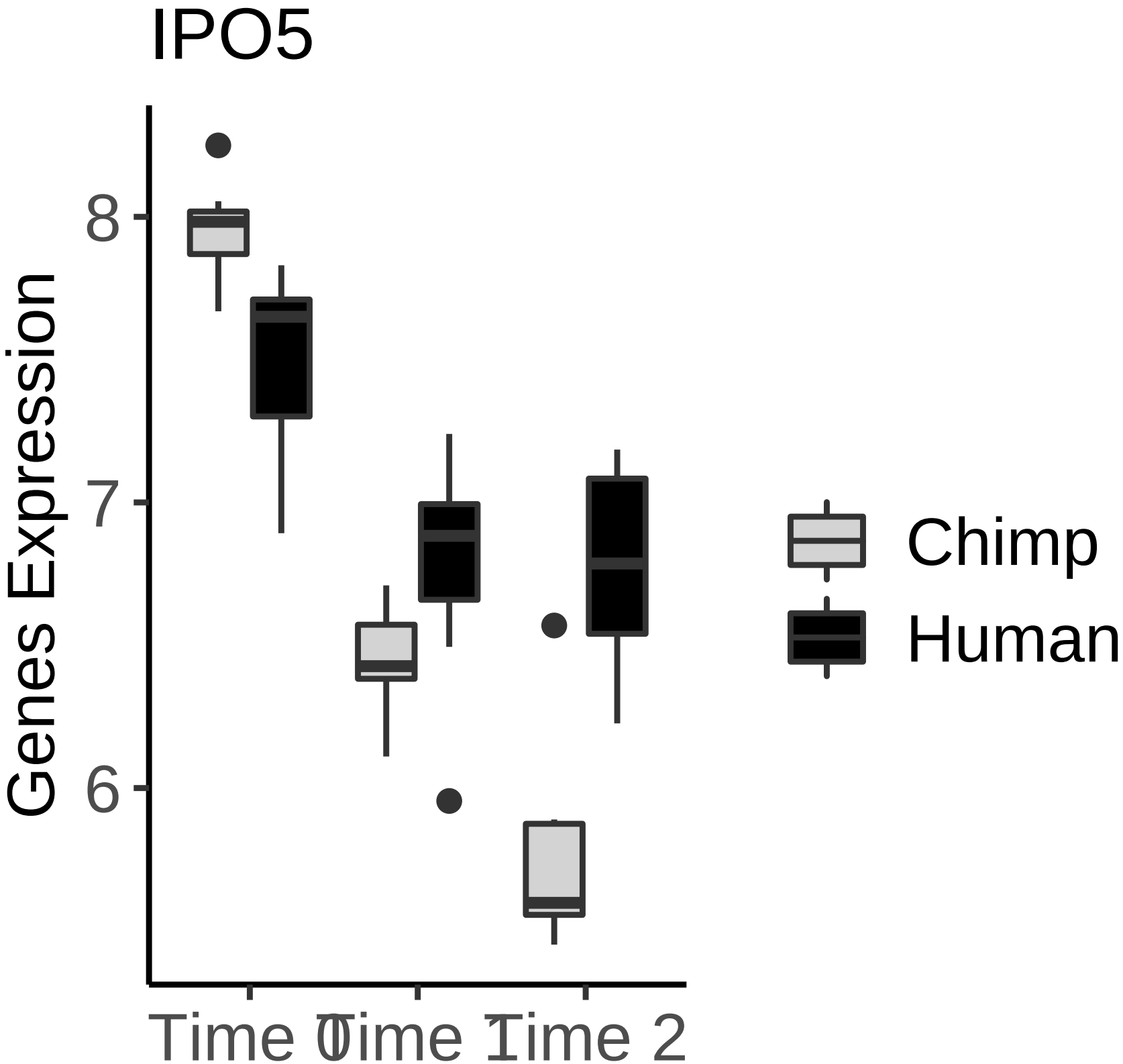
4.0
3.5
3.0
Time 0
Time 1
Time 2
Chimp
Human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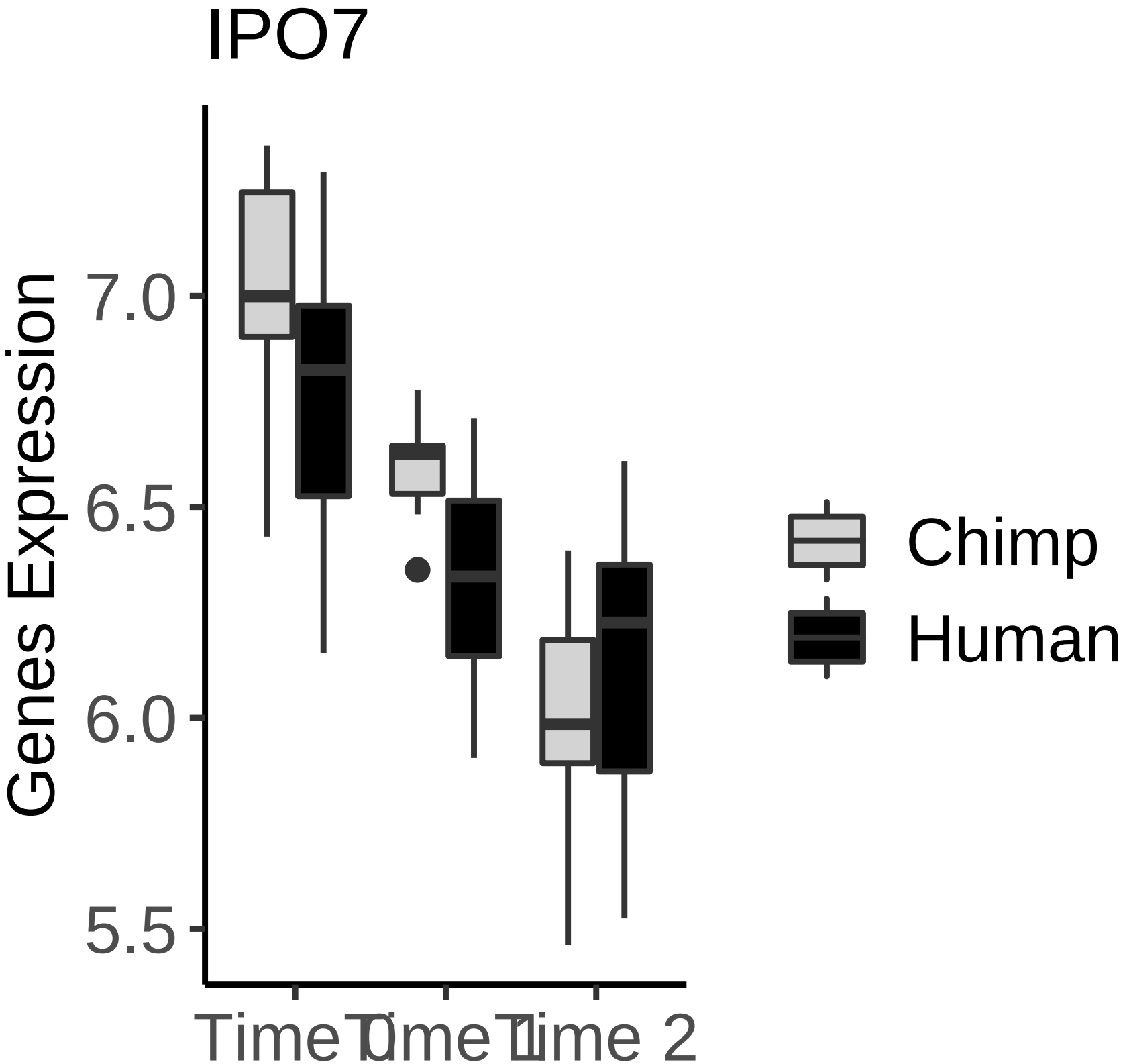
Genes Expression
8
7
6
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
7.0
6.5
6.0
5.5
Time 0
Time 1
Time 2
Chimp
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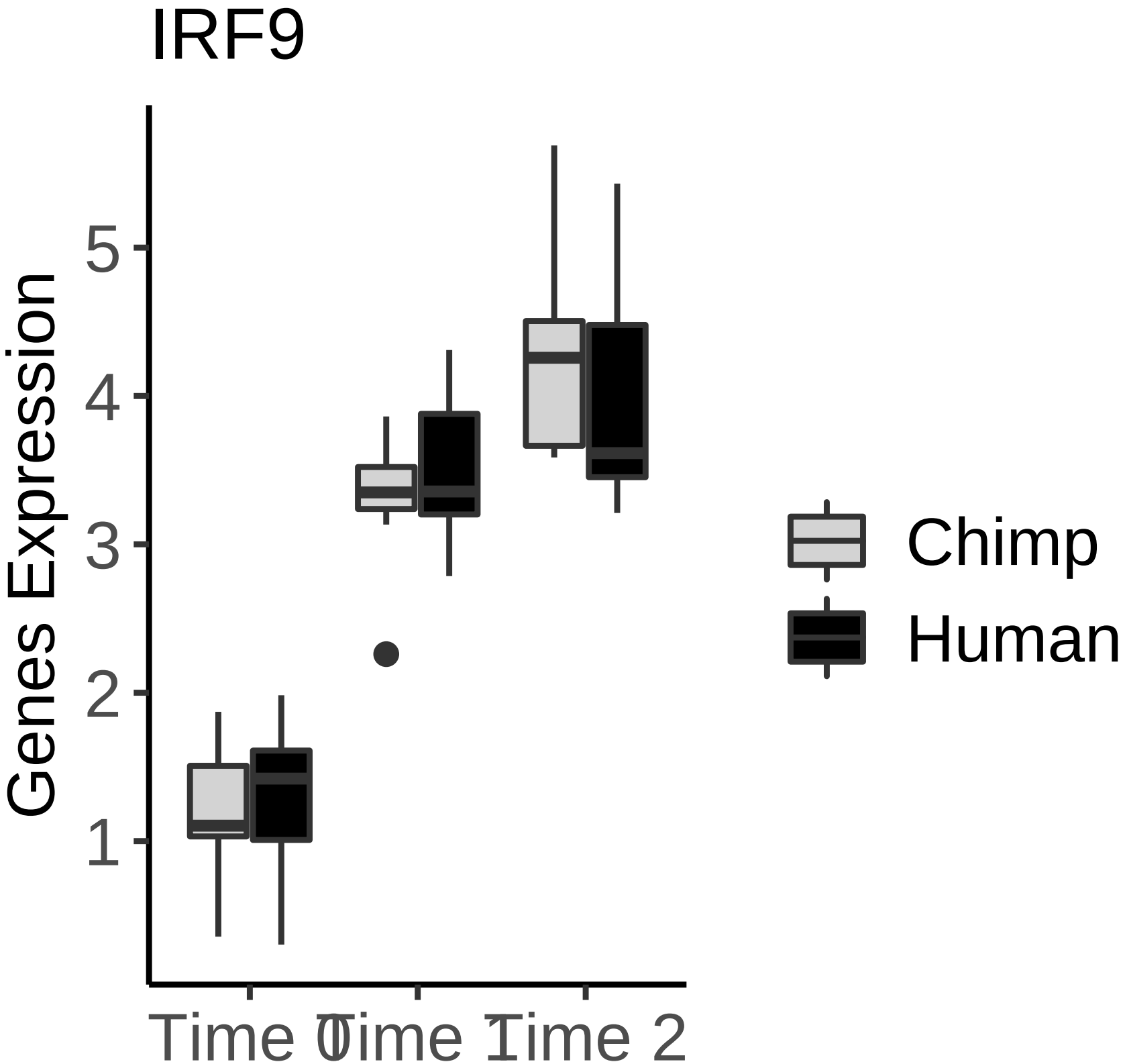
IRF9
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5
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Time 2
Chimp
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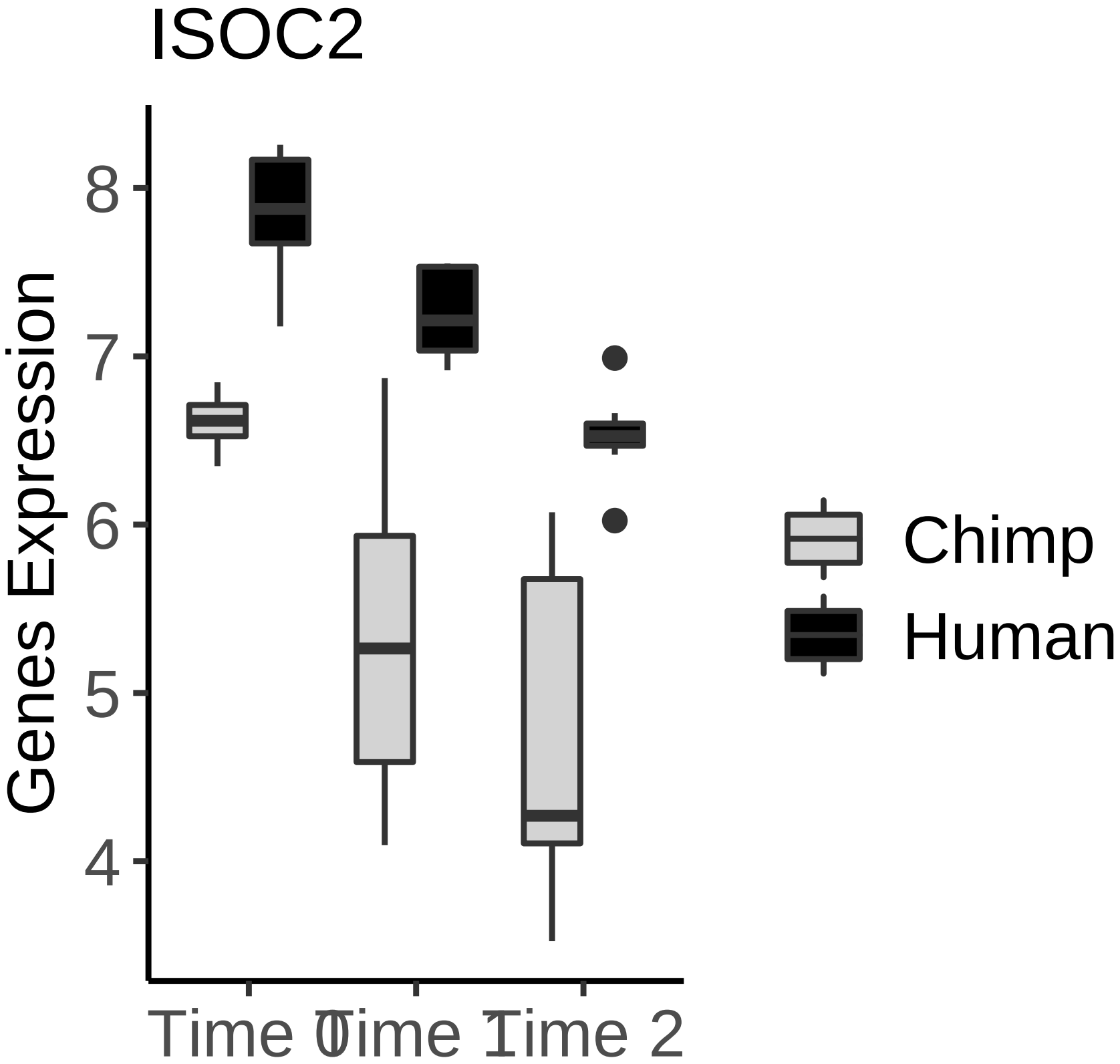
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Genes Expression
8
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4
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Time 2
Chimp
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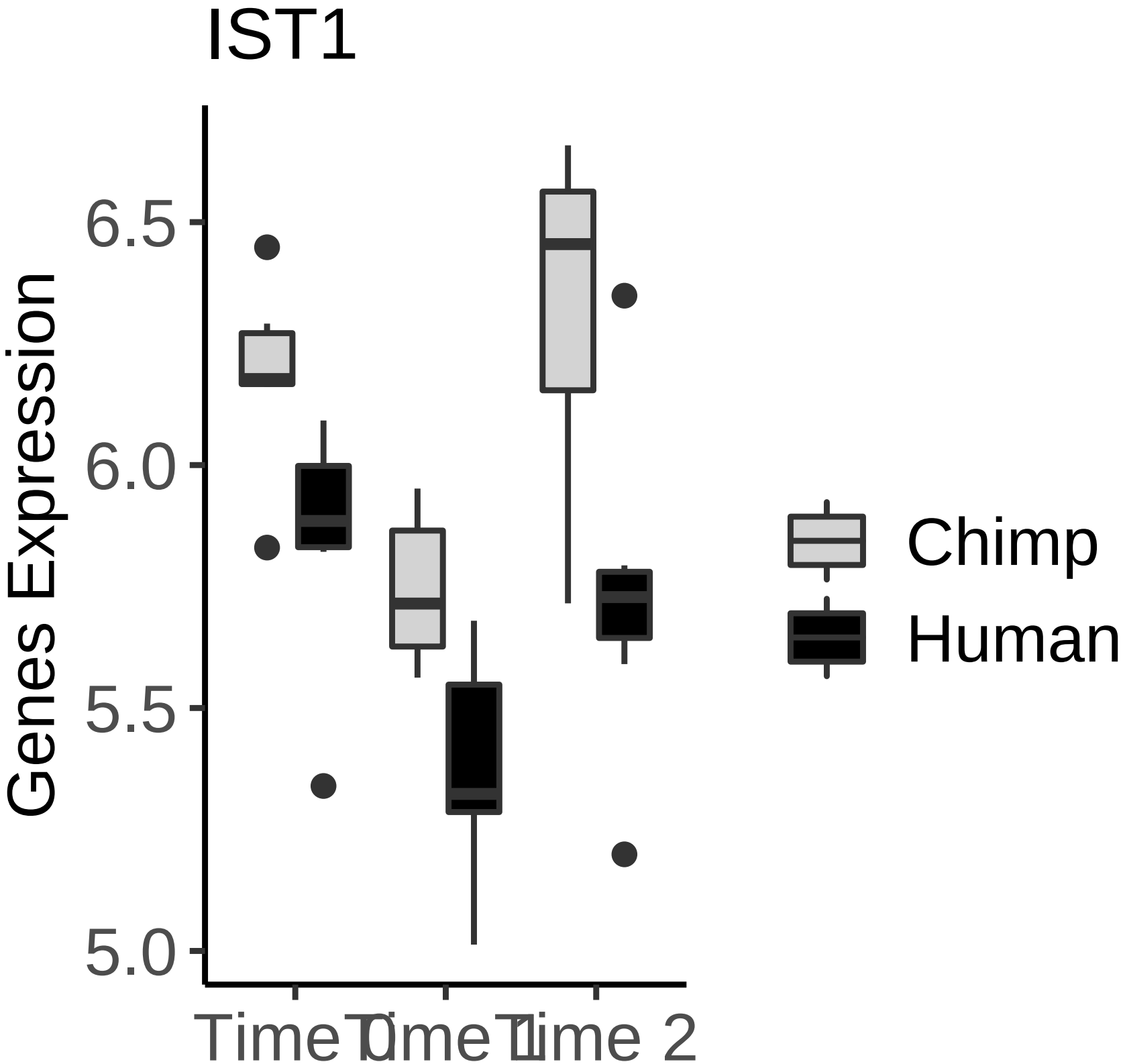
IST1
Genes Expression
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5.0
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Time 1
Time 2
Chimp
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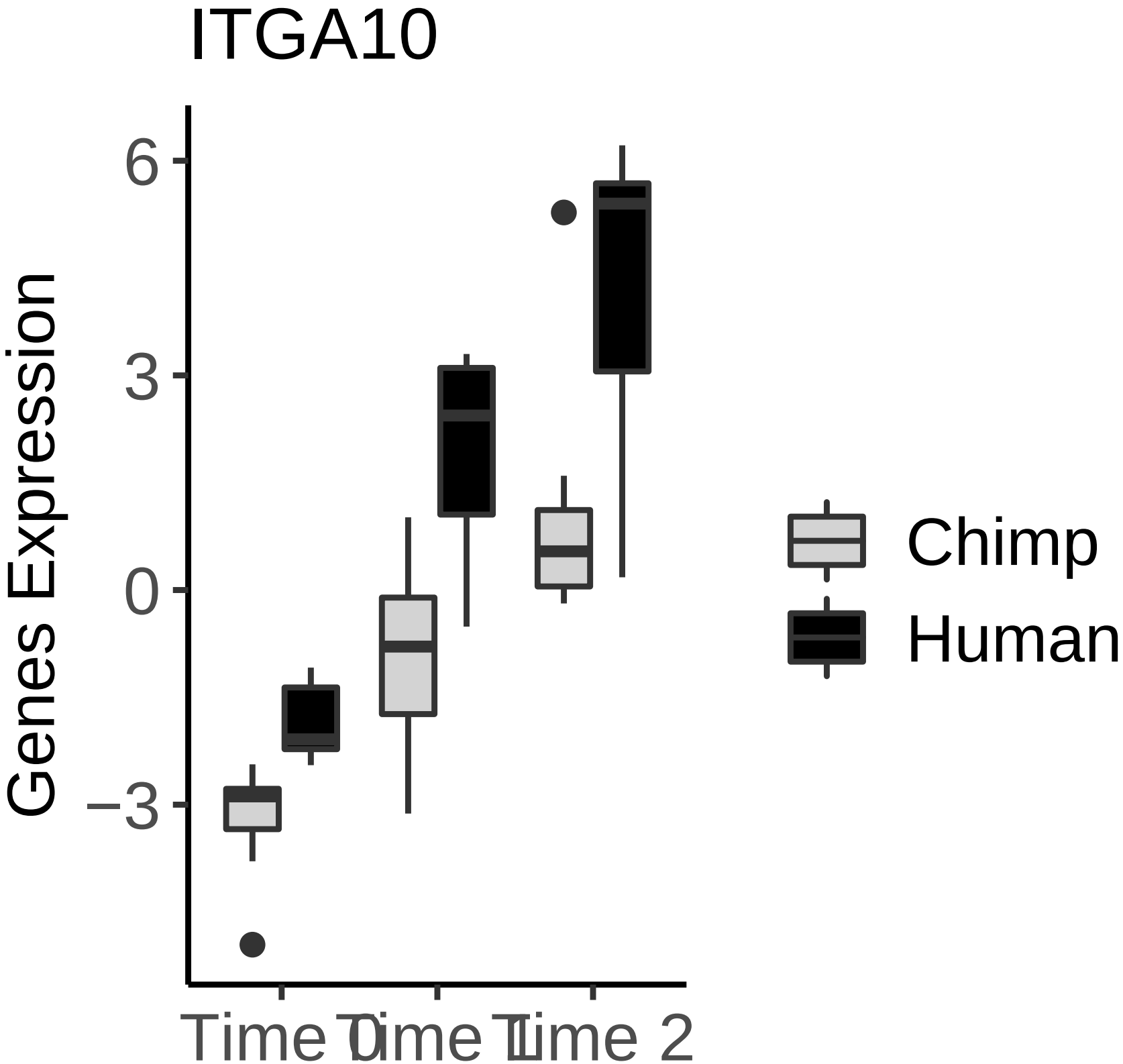
ITGA10
Genes Expression
6
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0
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Time 1
Time 2
Chimp
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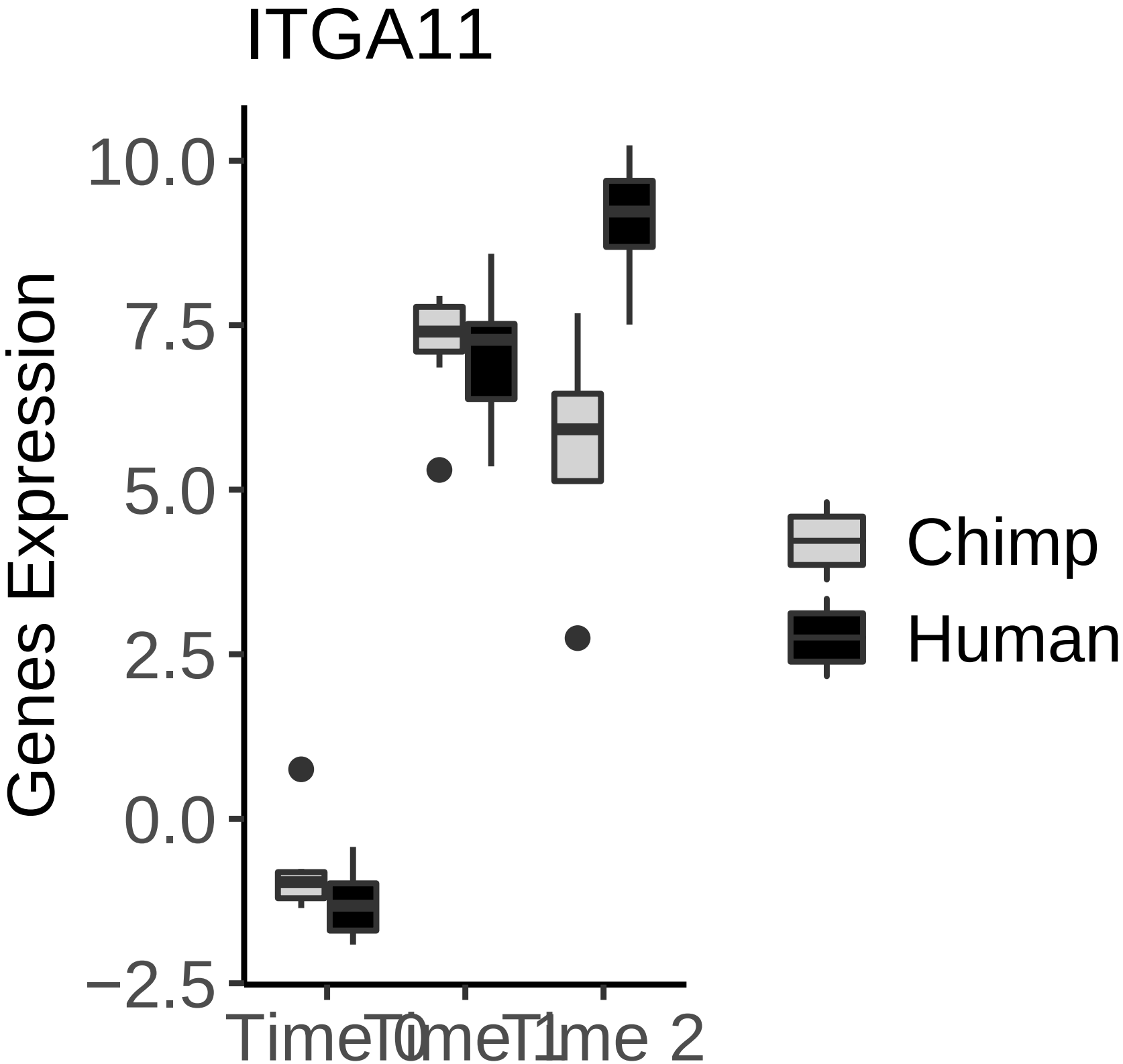
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−2.5
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Time 1
Time 2
Chimp
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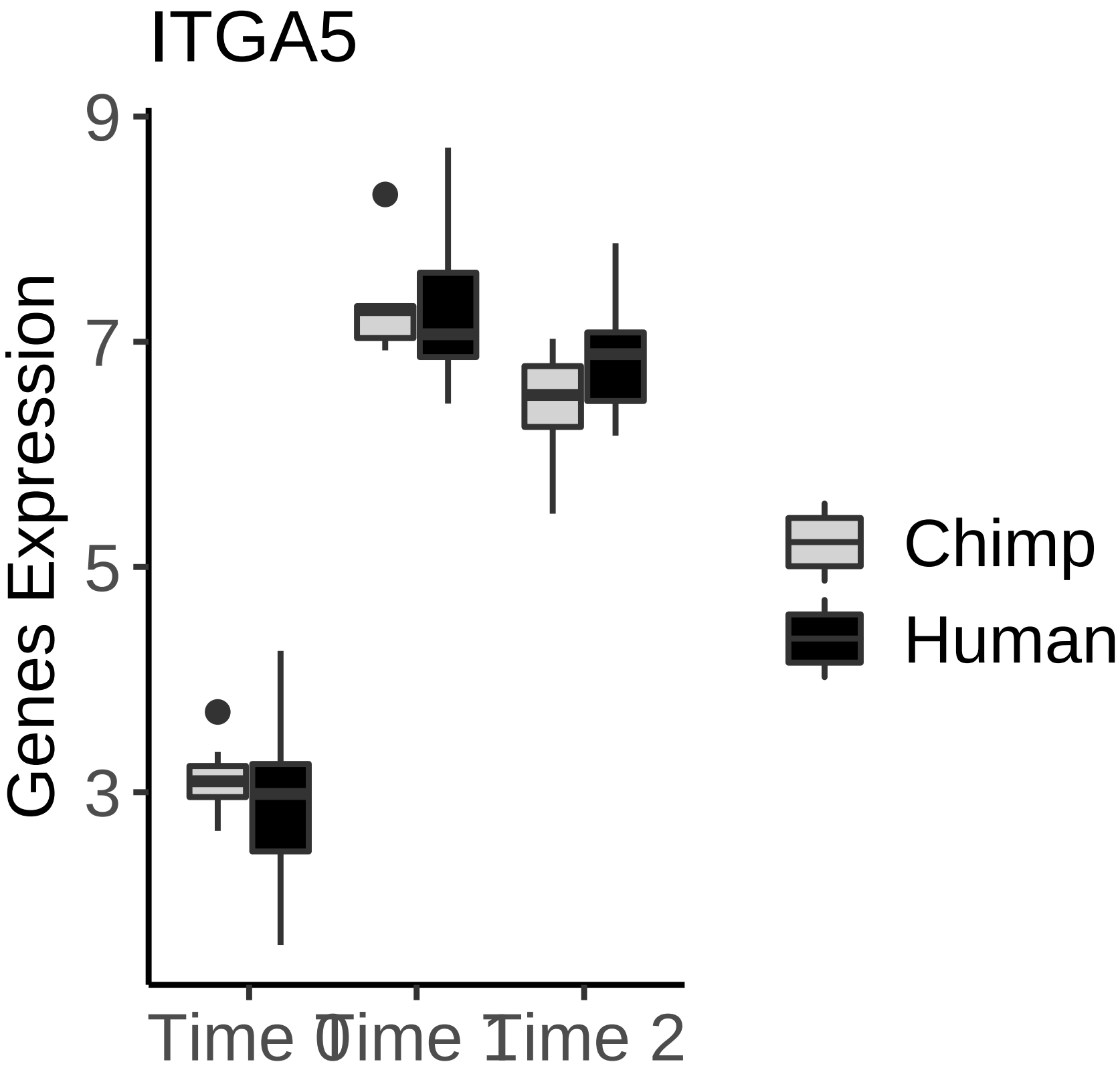
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5
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Time 2
Chimp
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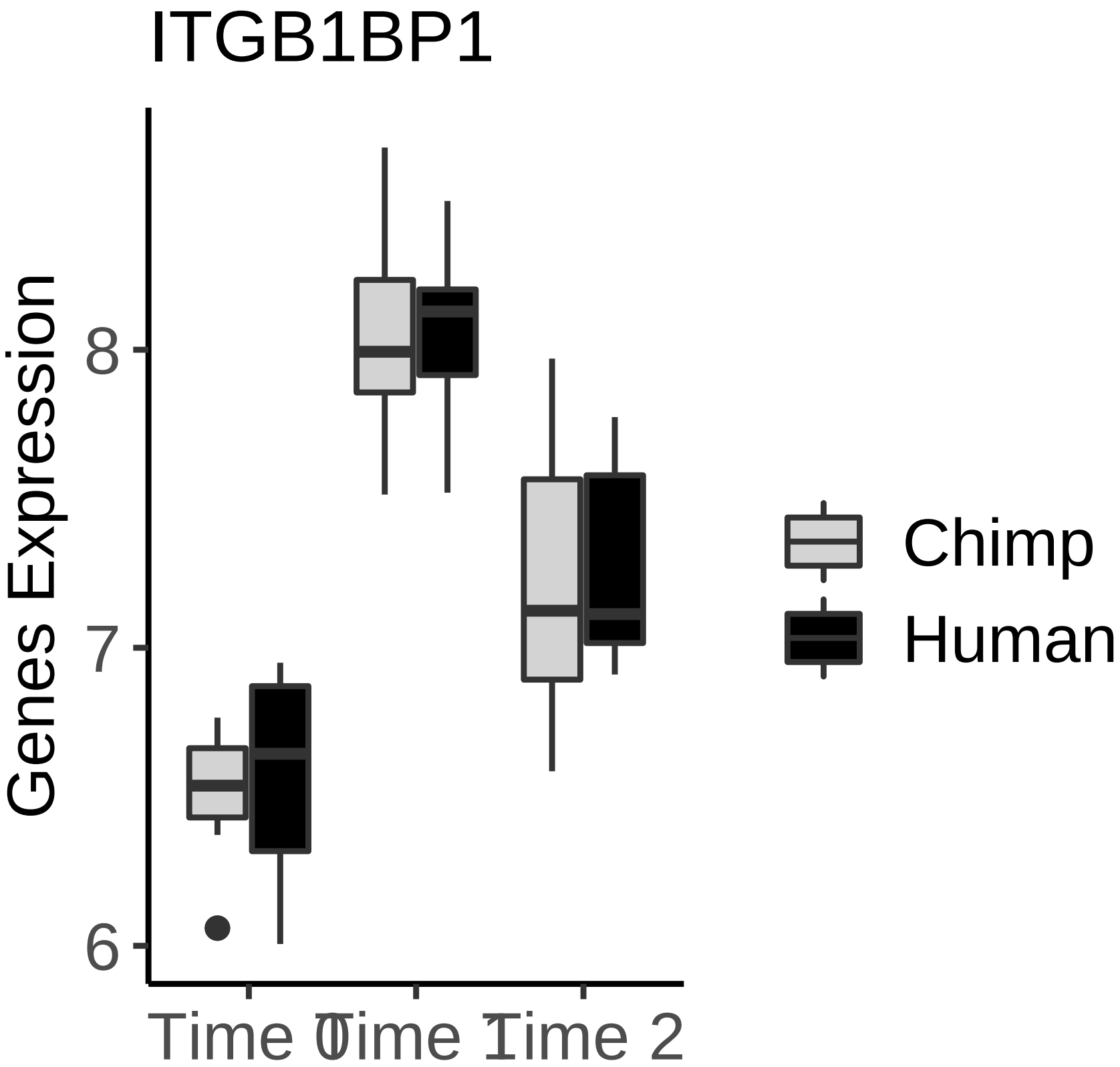
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Time 2
Chimp
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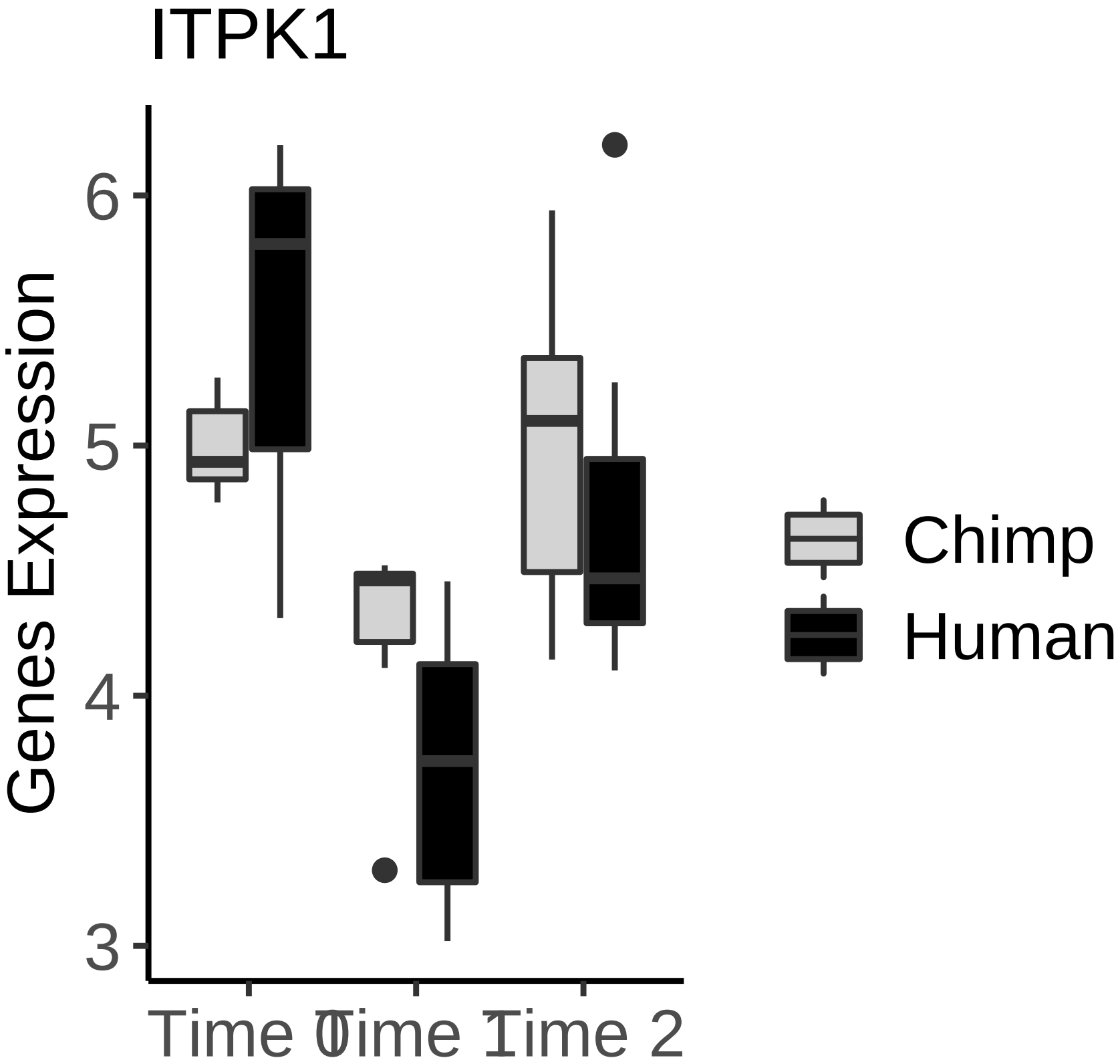
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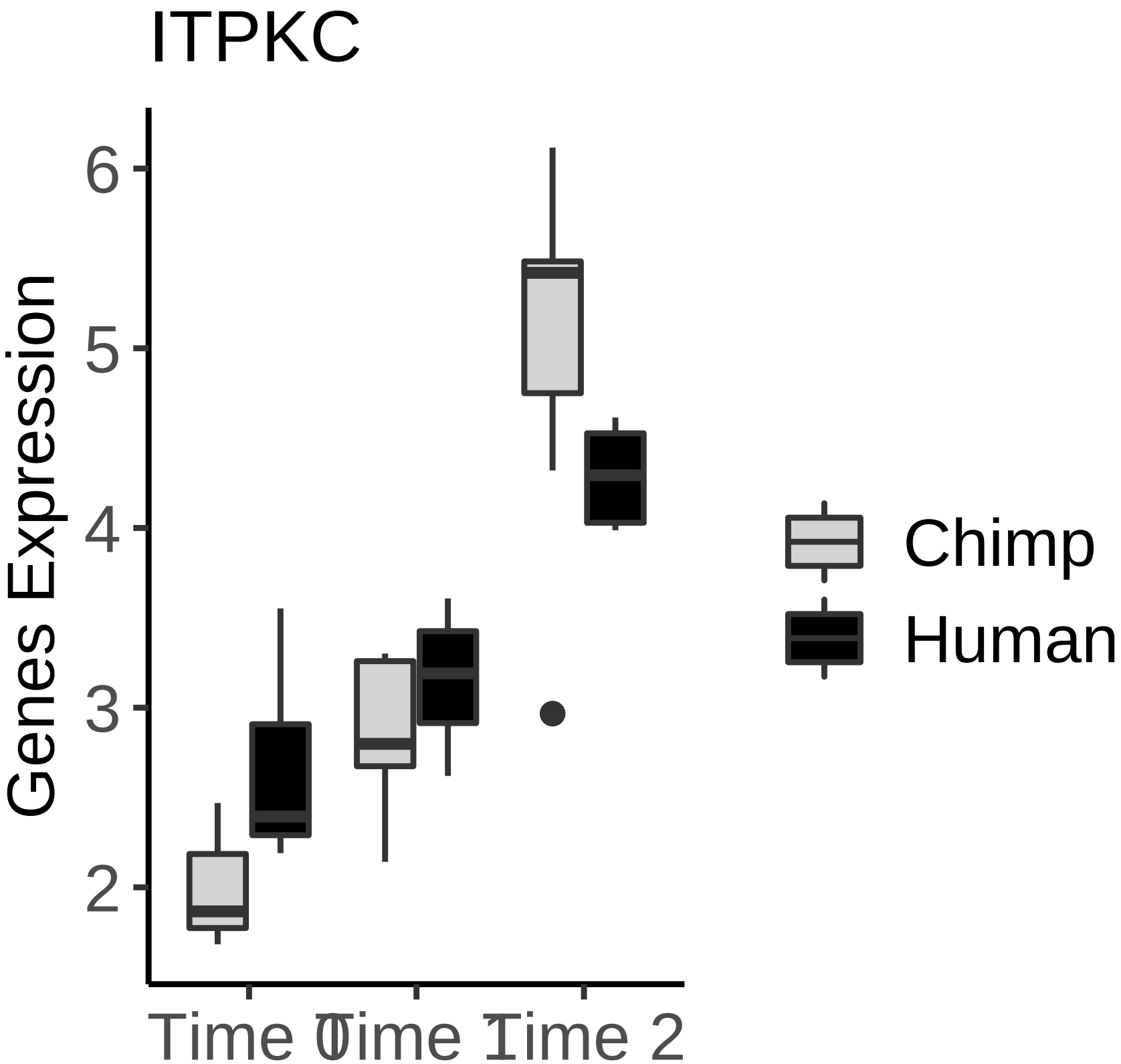
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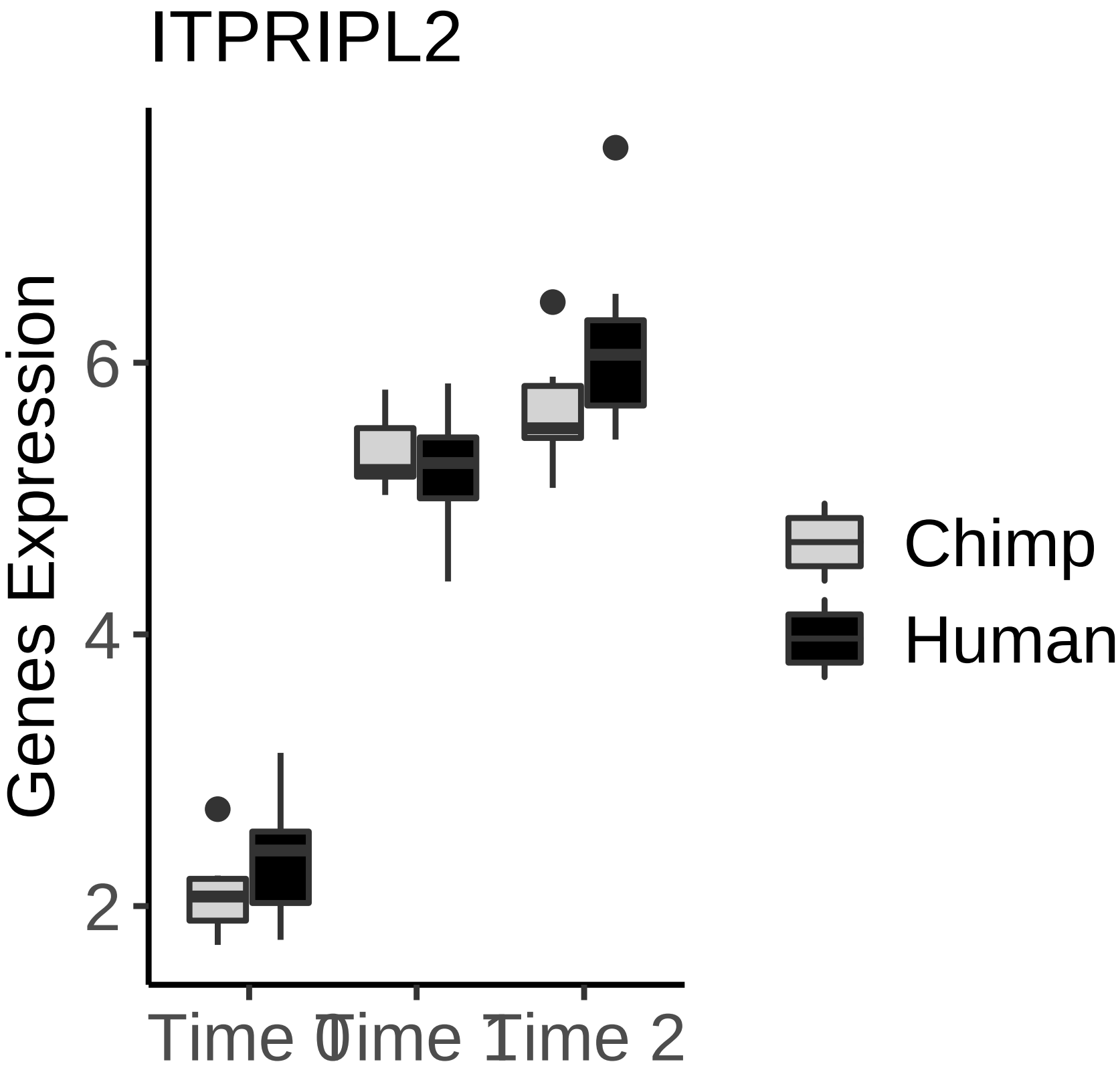
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Genes Expression
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Time 2
Chimp
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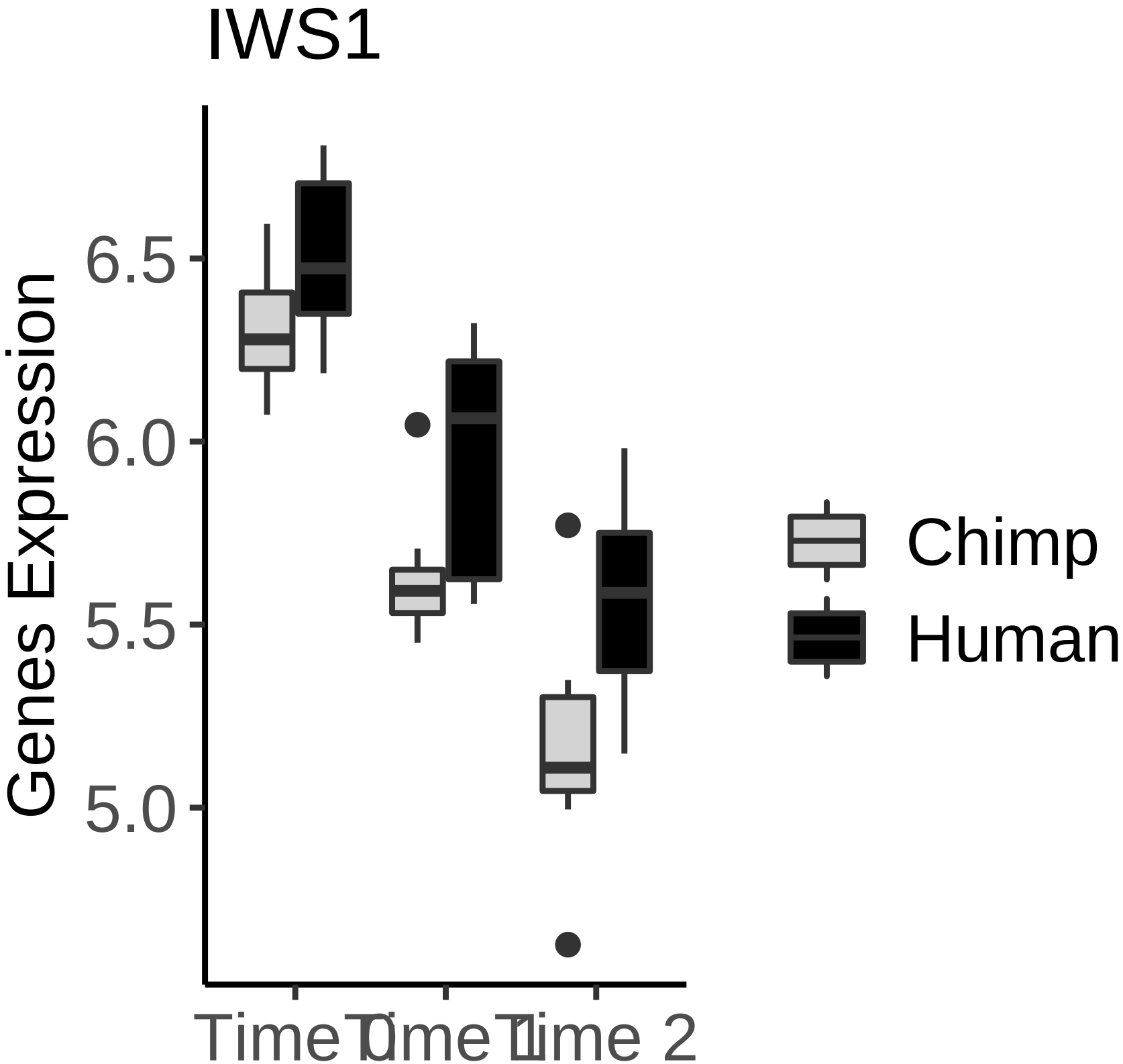
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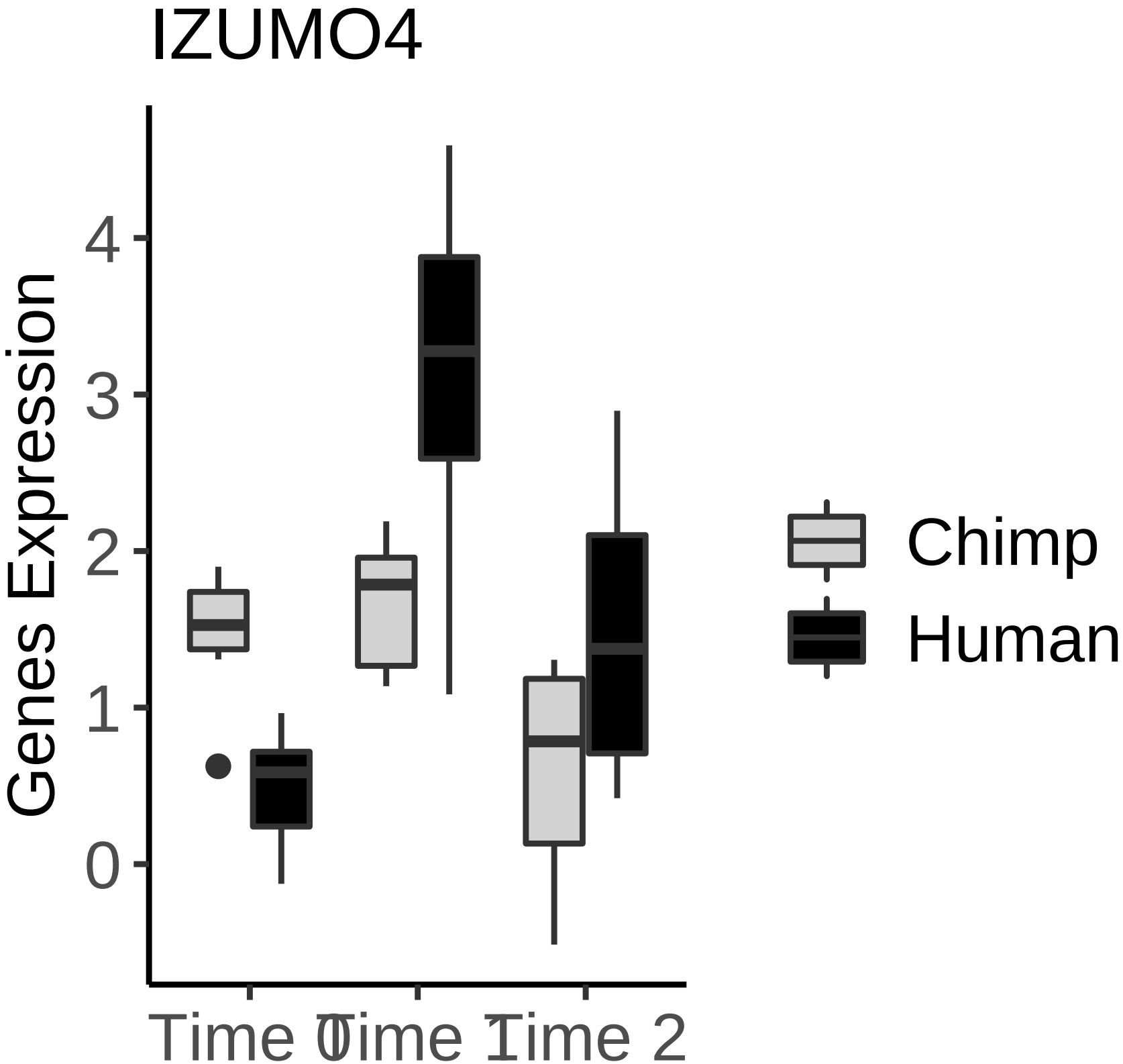
IZUMO4
Genes Expression
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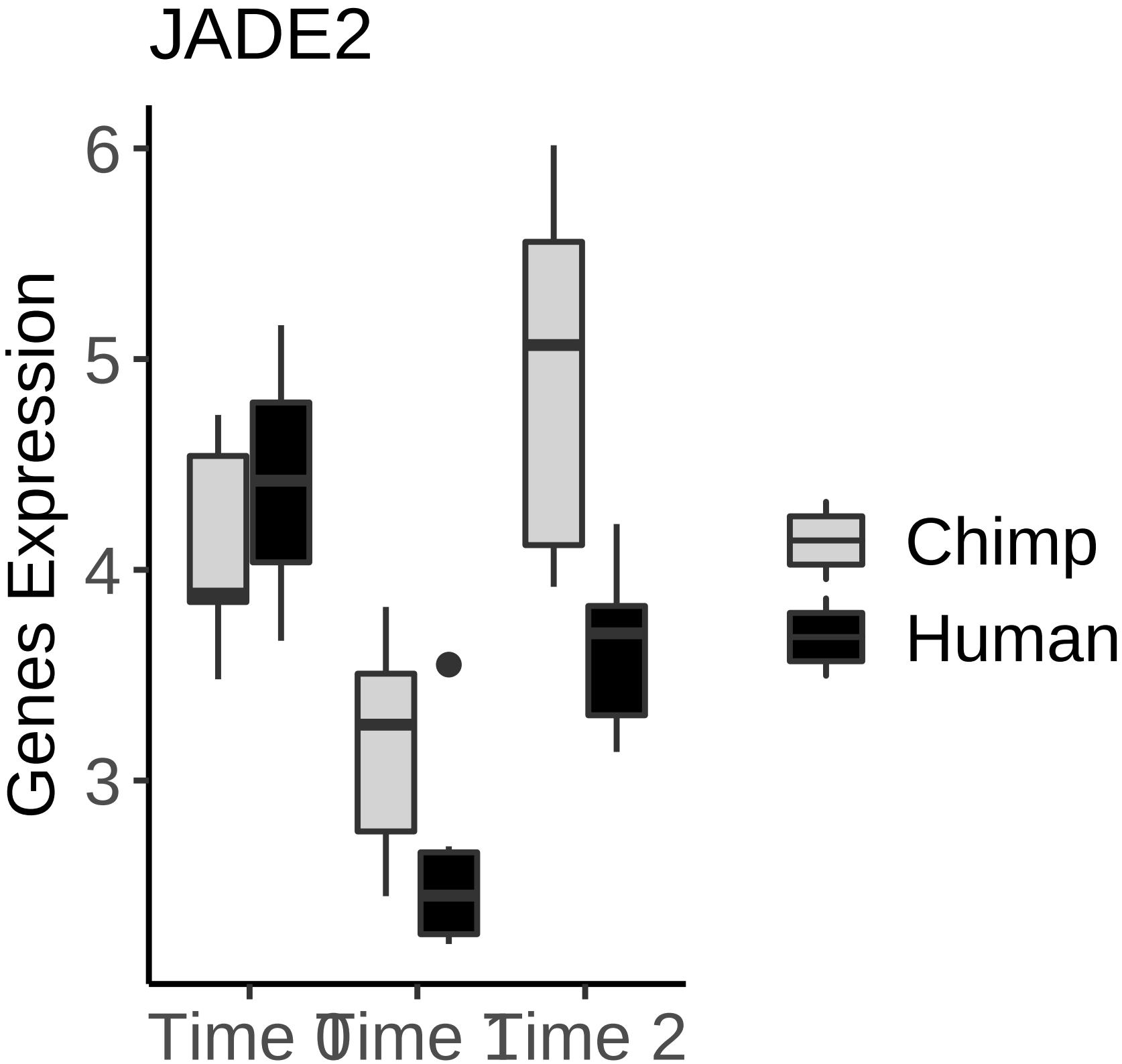
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Time 2
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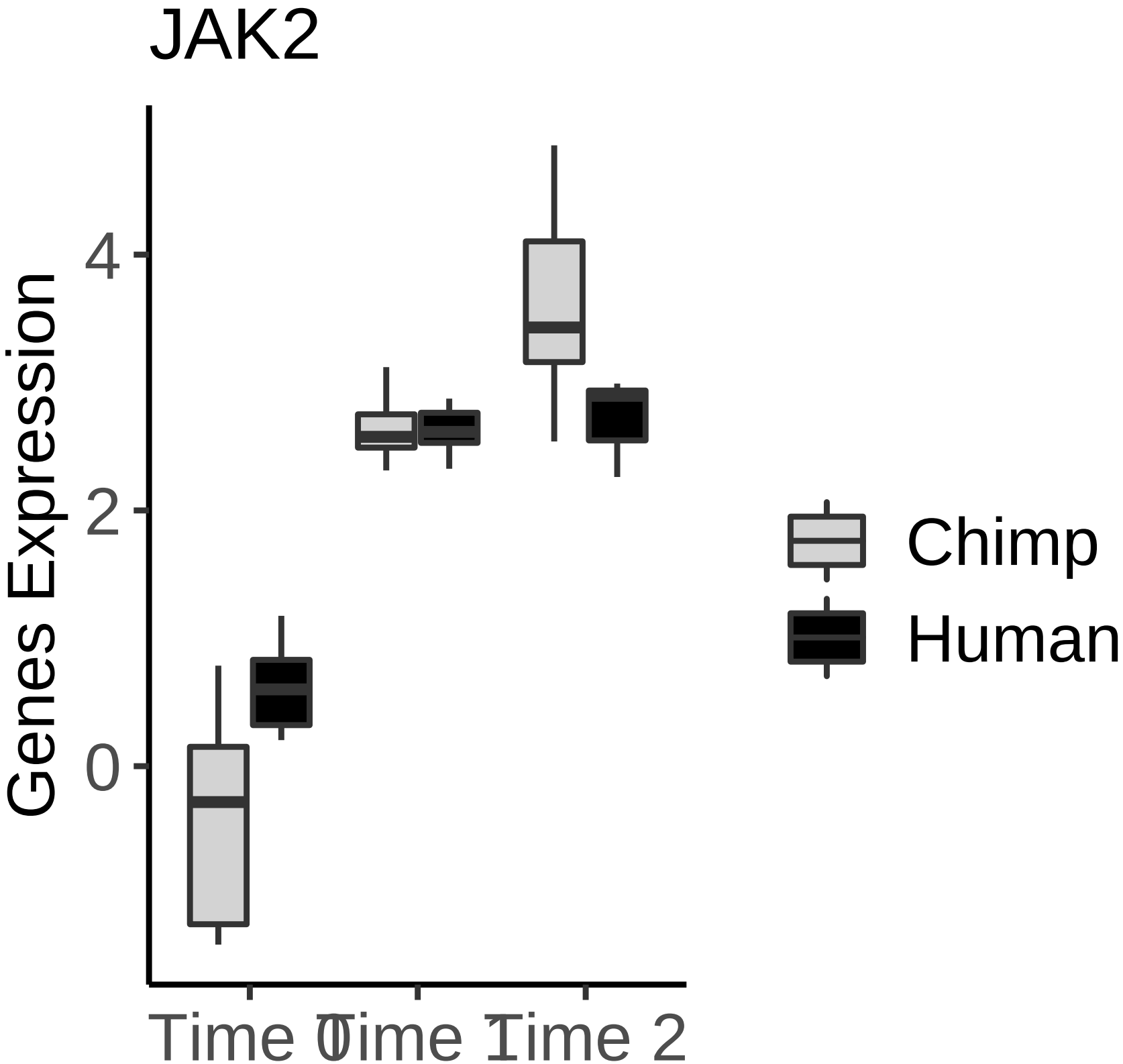
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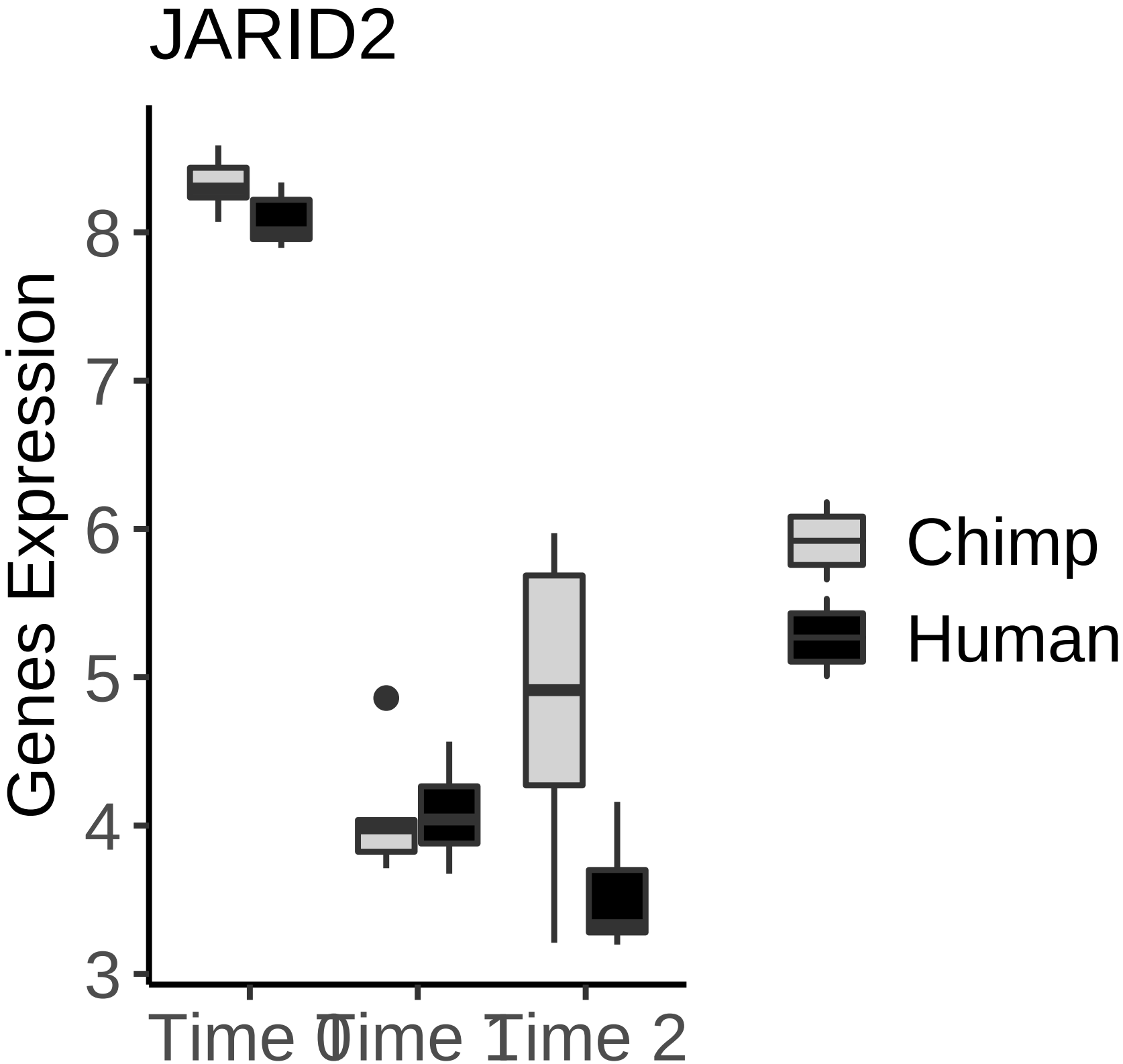
JARID2
Genes Expression
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Time 1
Time 2
Chimp
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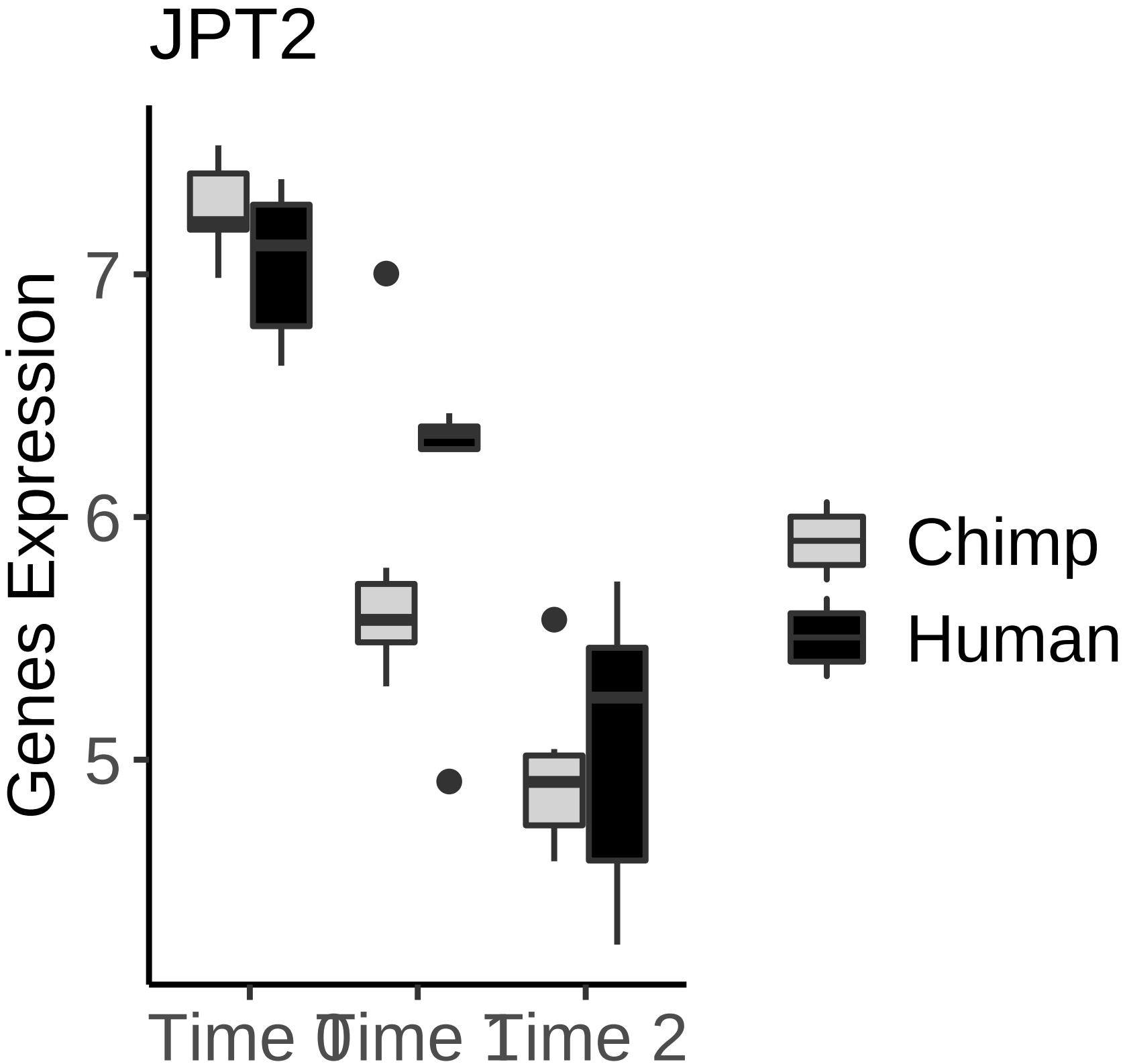
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Genes Expression
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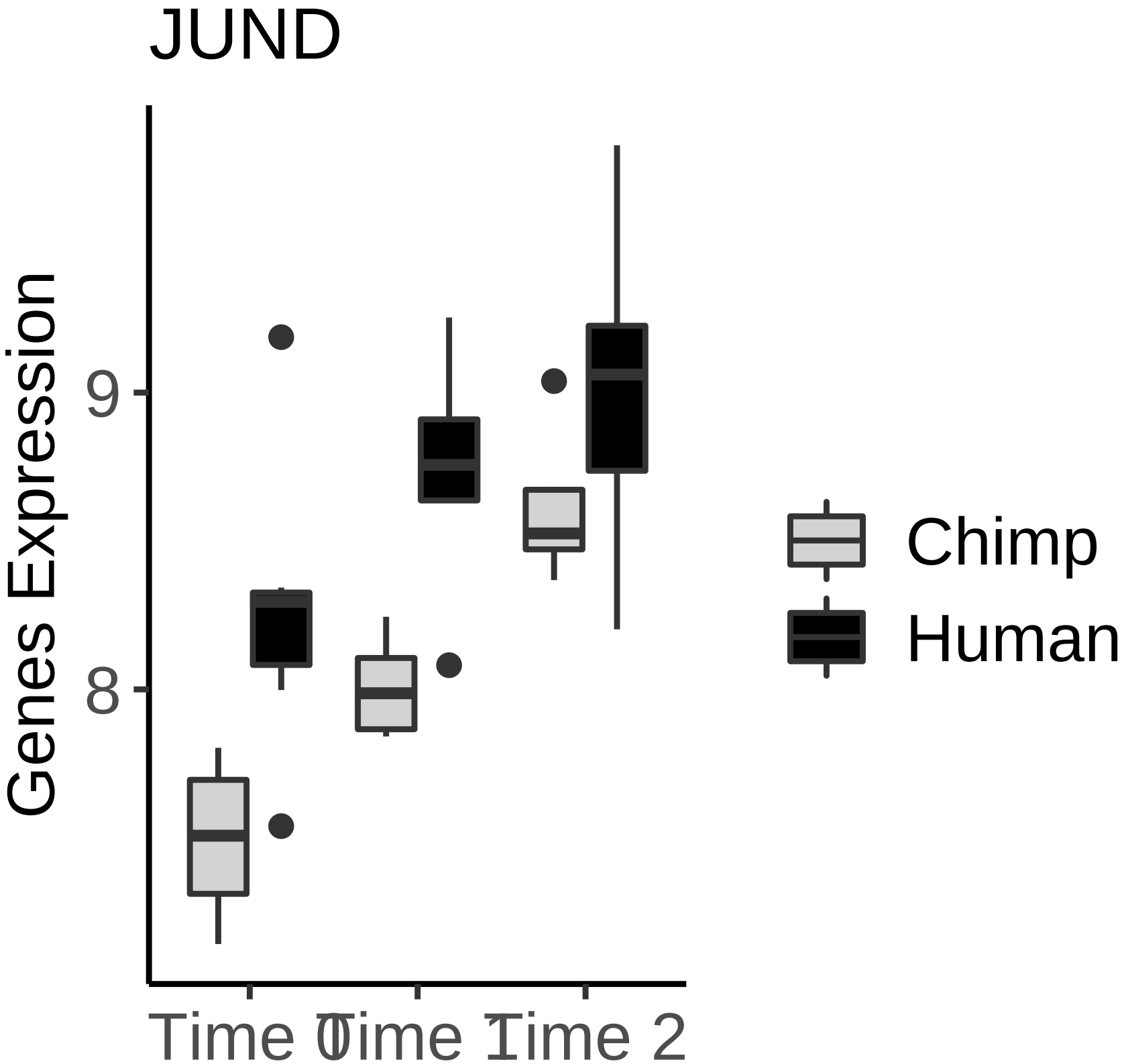
JUND
Genes Expression
9
8
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Time 1
Time 2
Chimp
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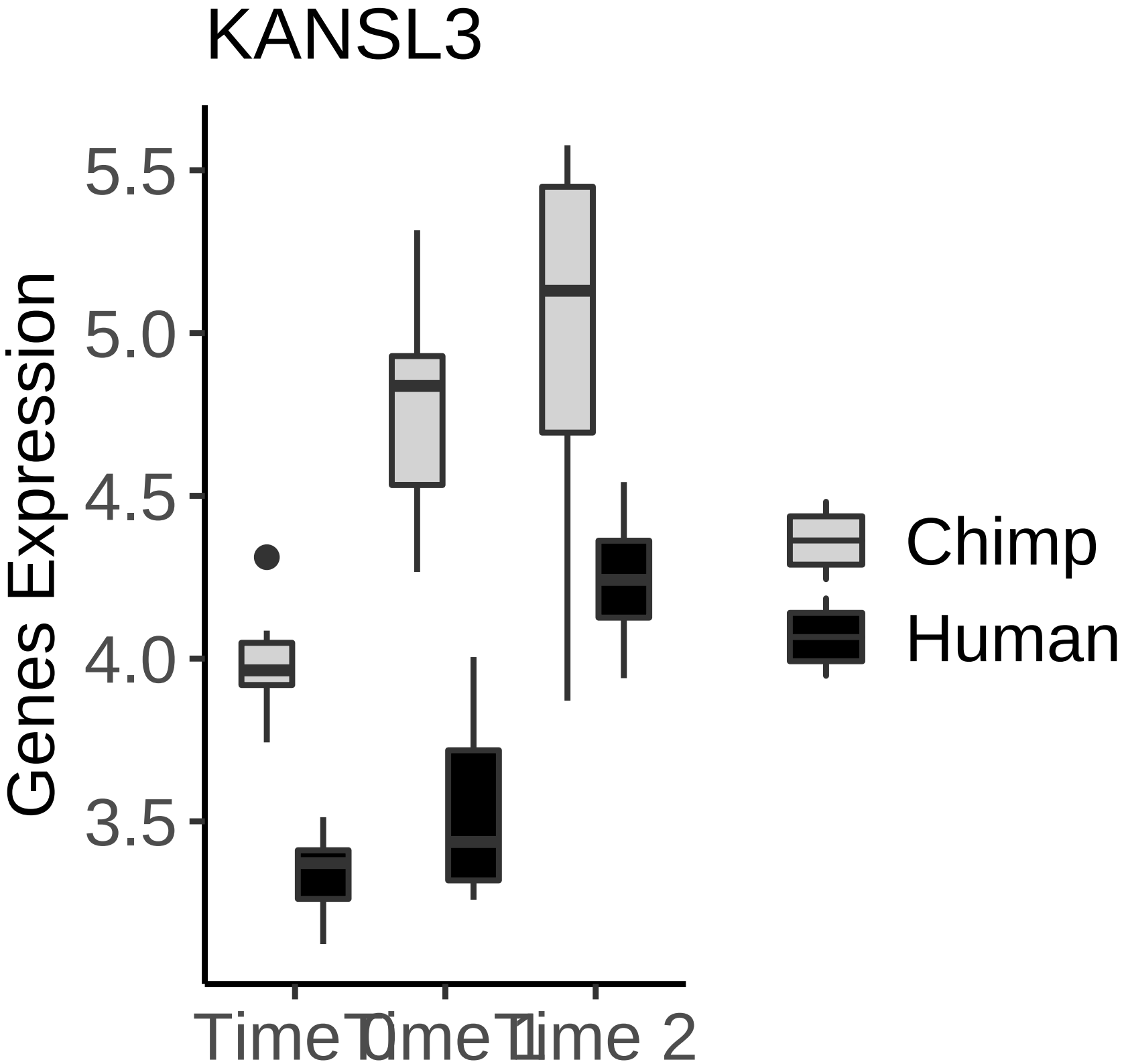
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3.5
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Time 1
Time 2
Chimp
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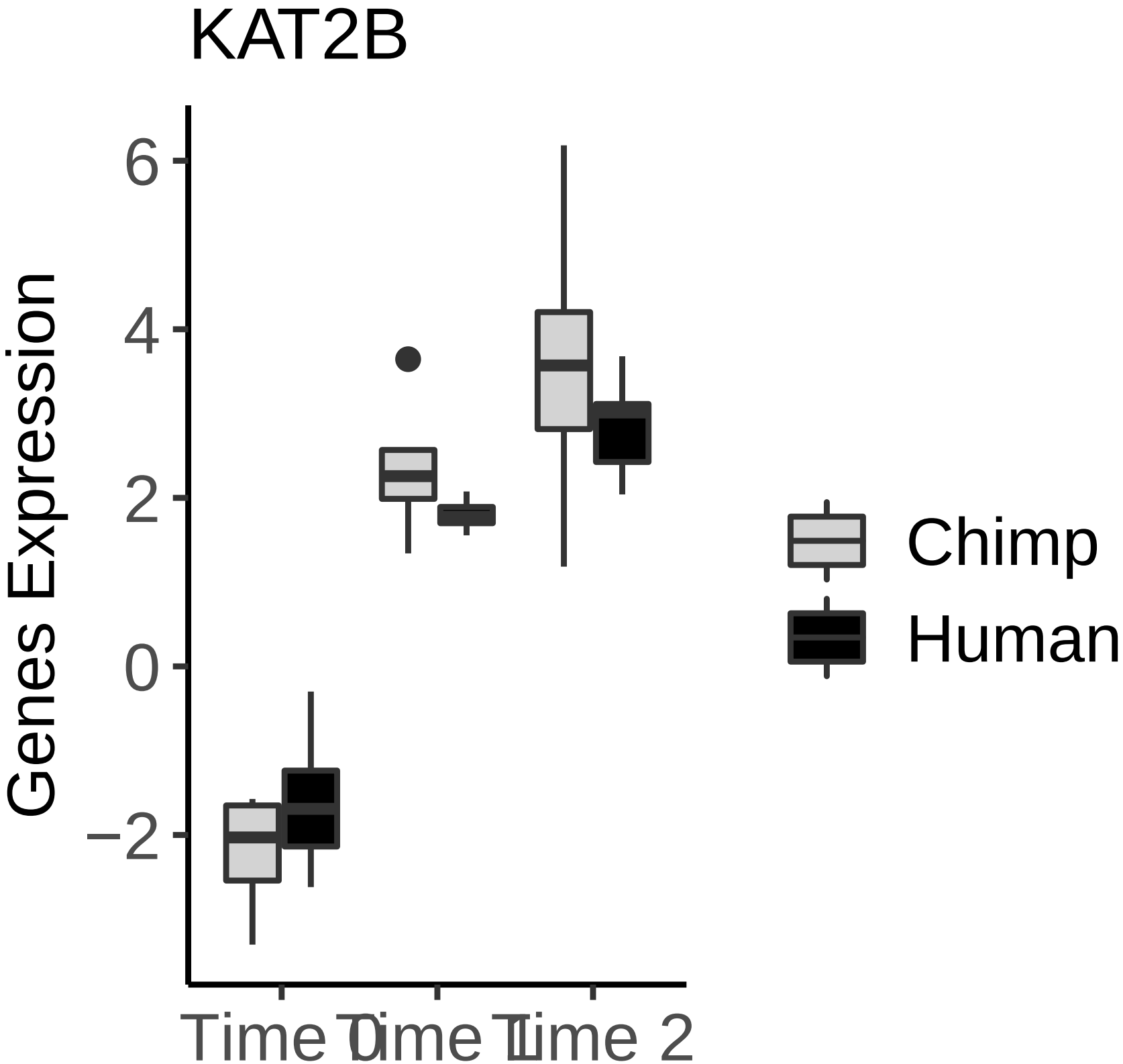
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Time 2
Chimp
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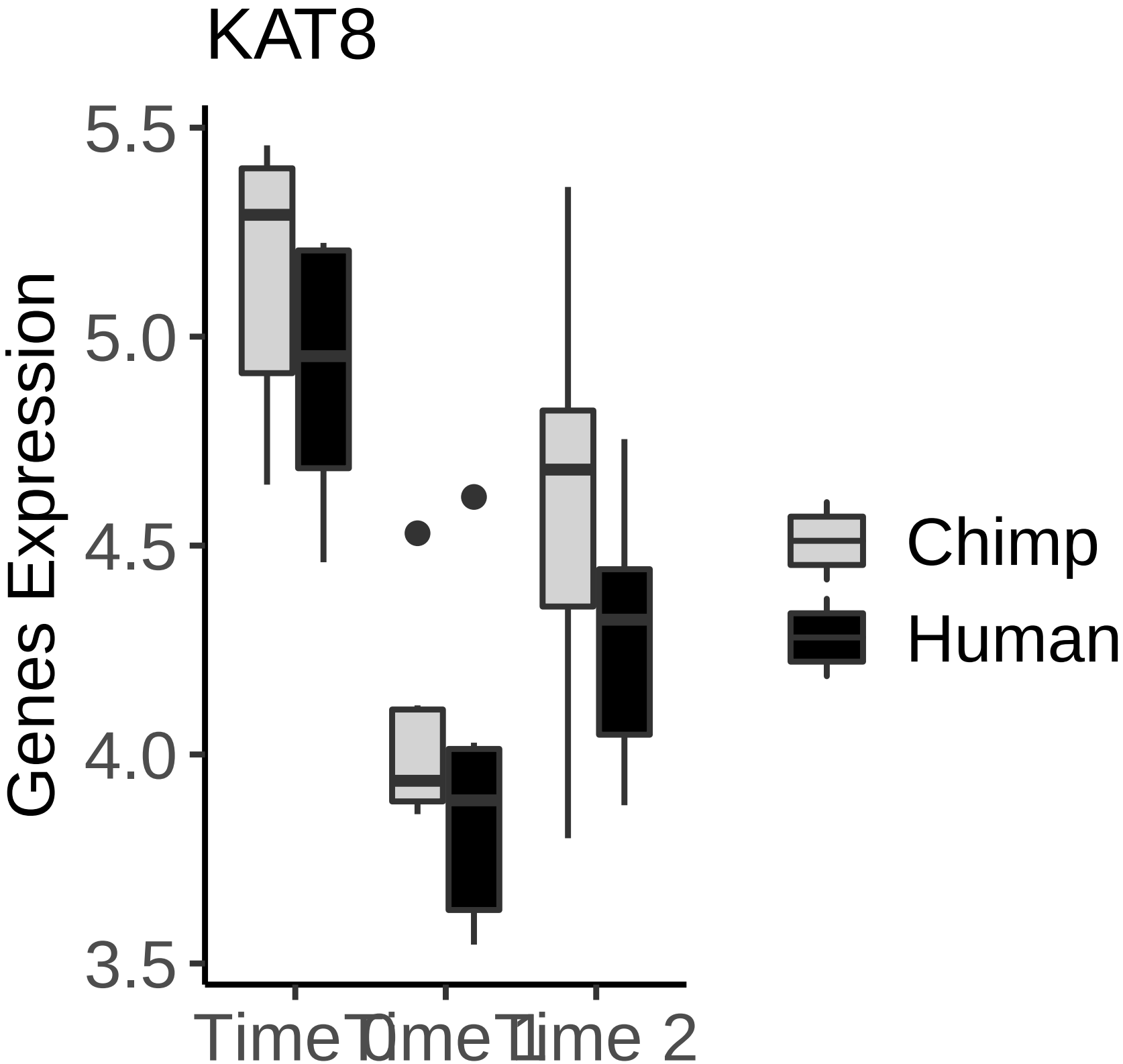
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Genes Expression
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Chimp
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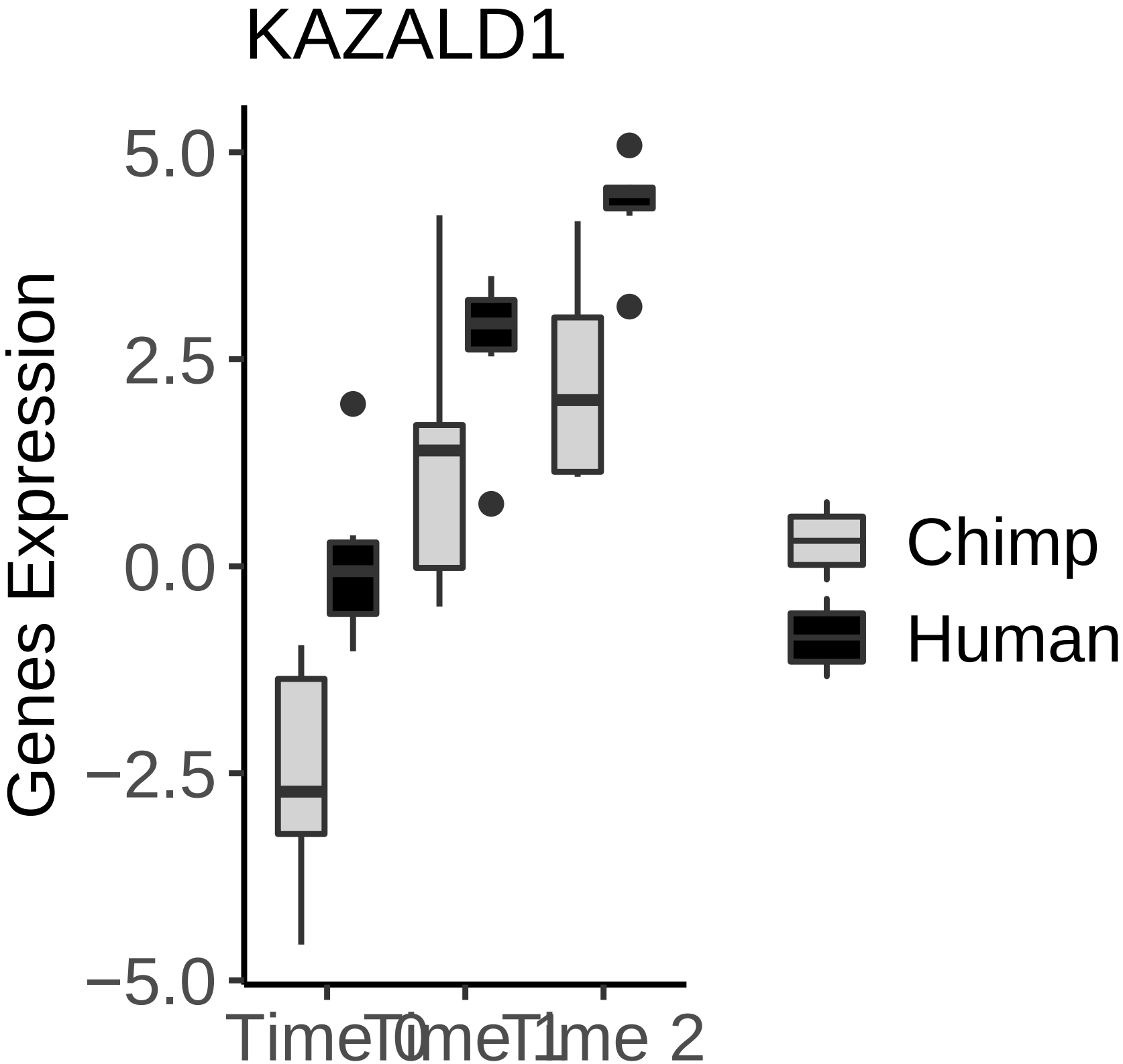
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−5.0
Time 0
Time 1
Time 2
Chimp
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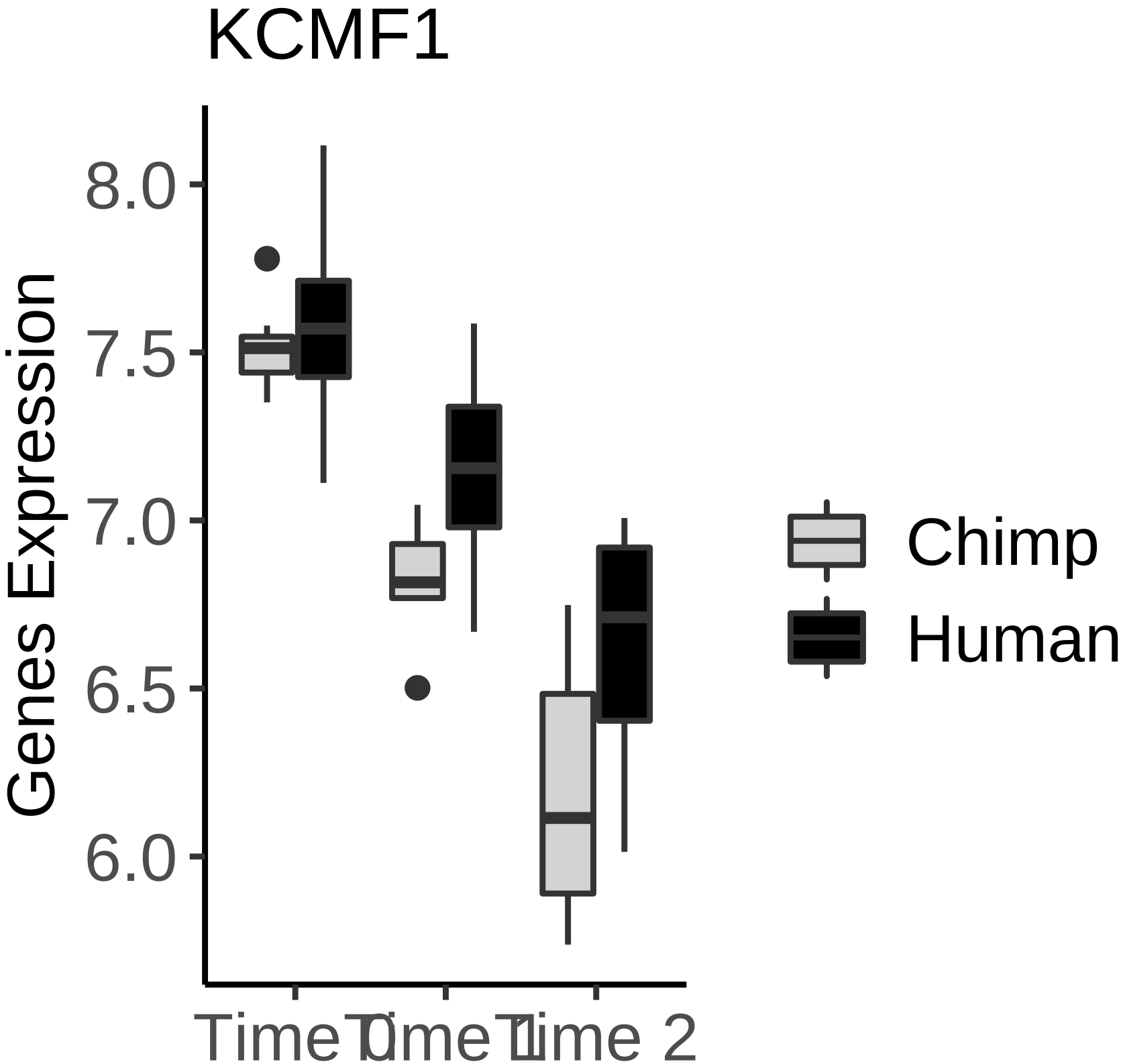
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Chimp
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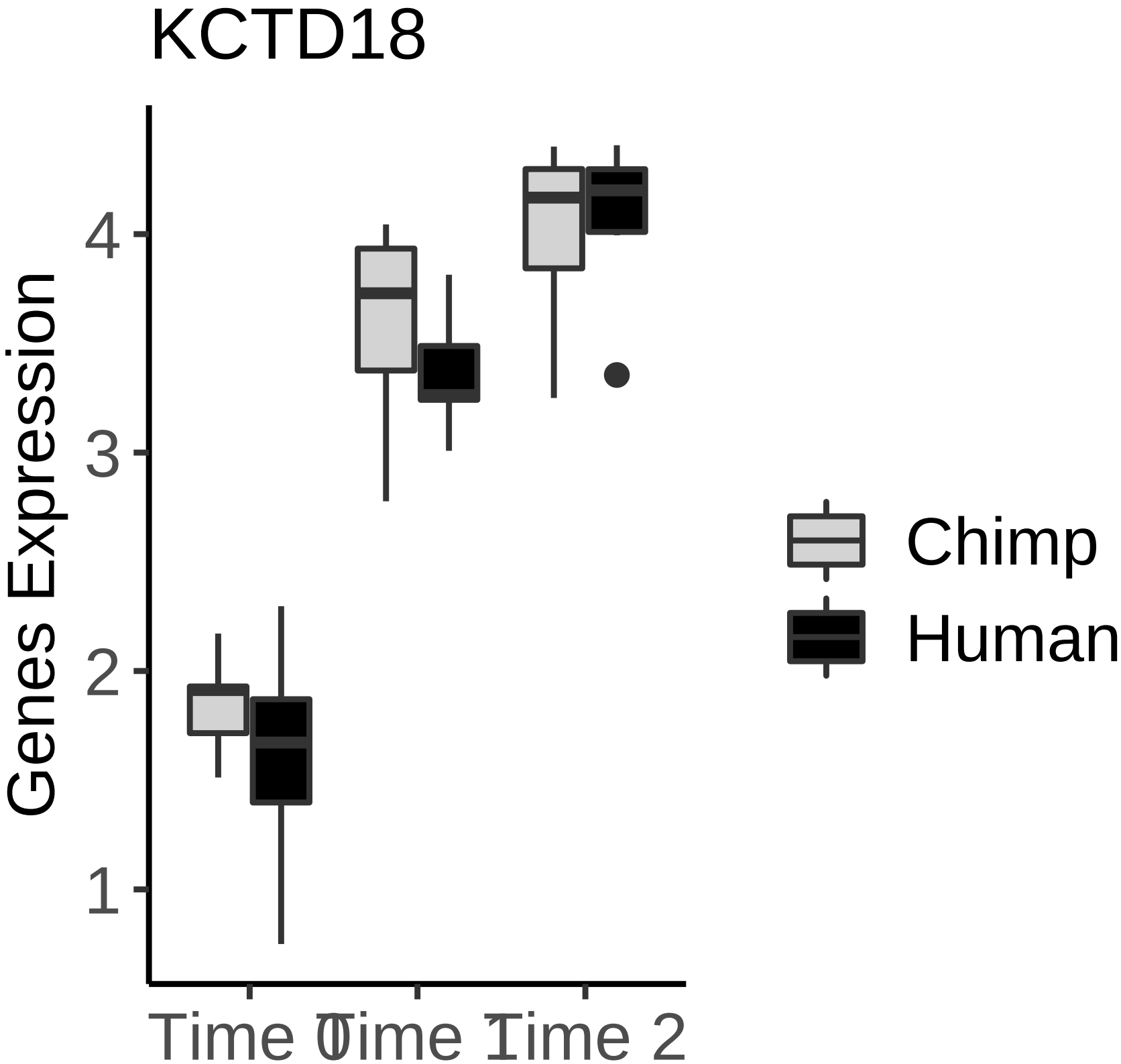
KCTD18
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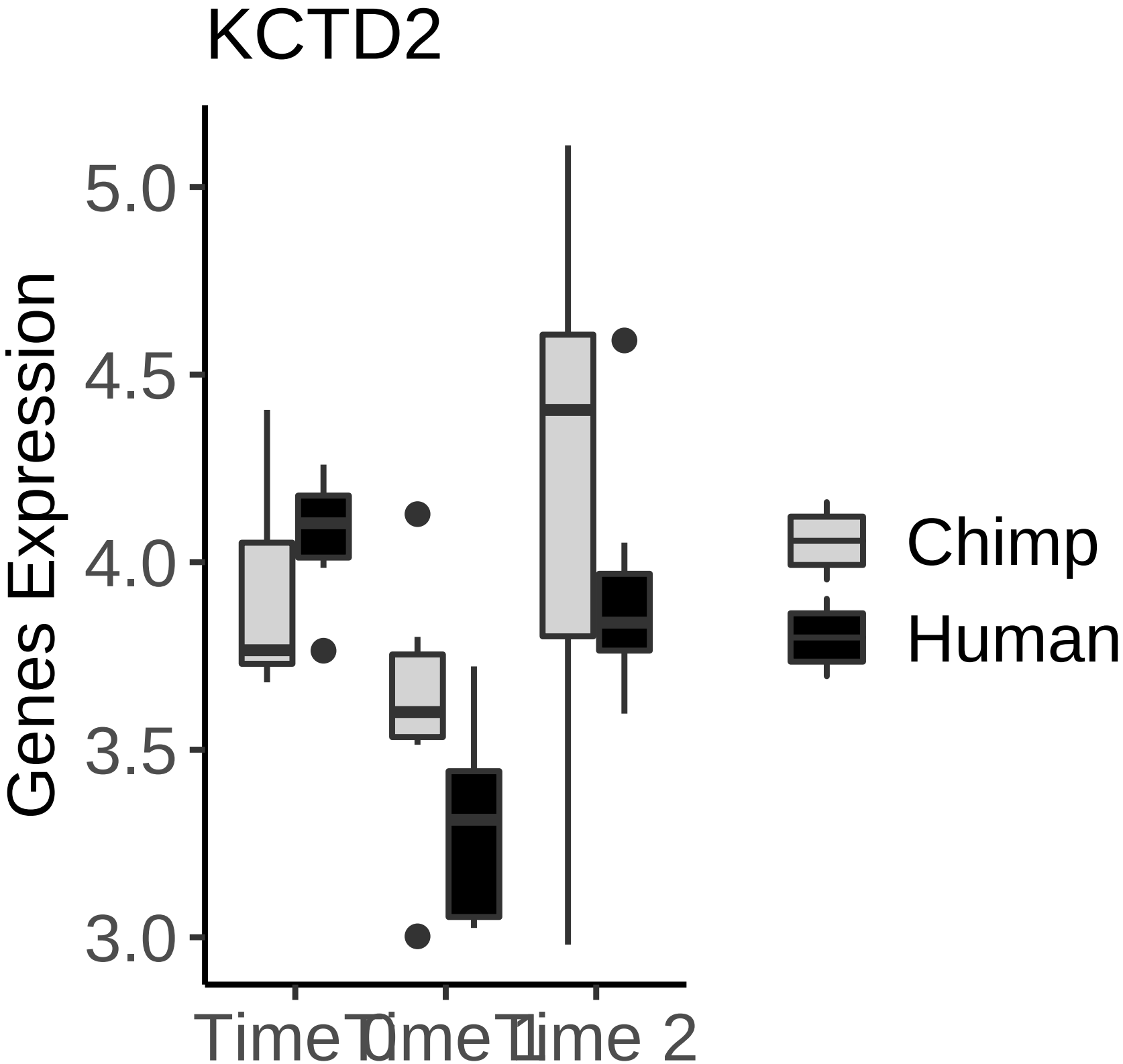
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Chimp
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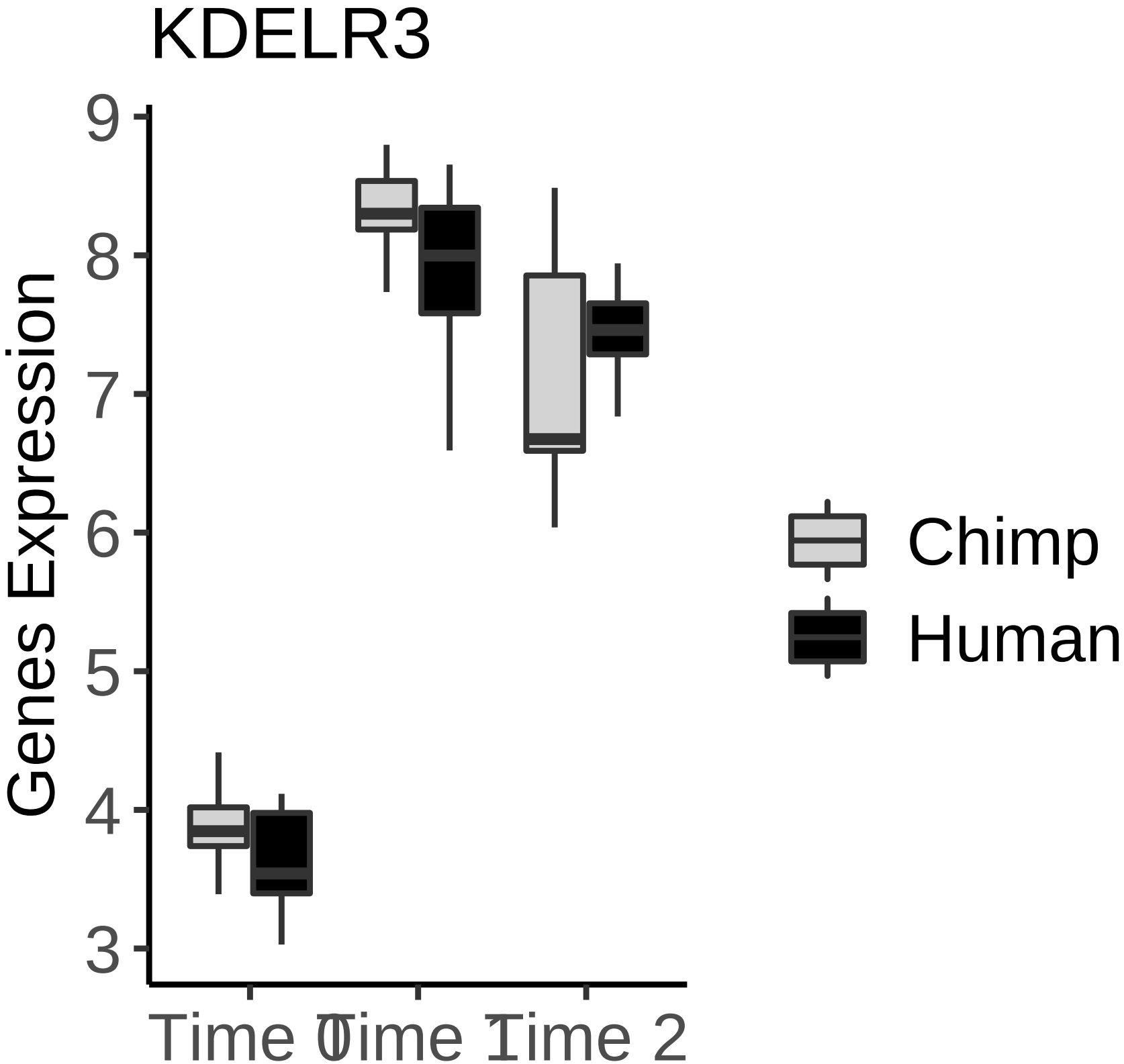
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Genes Expression
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Time 2
Chimp
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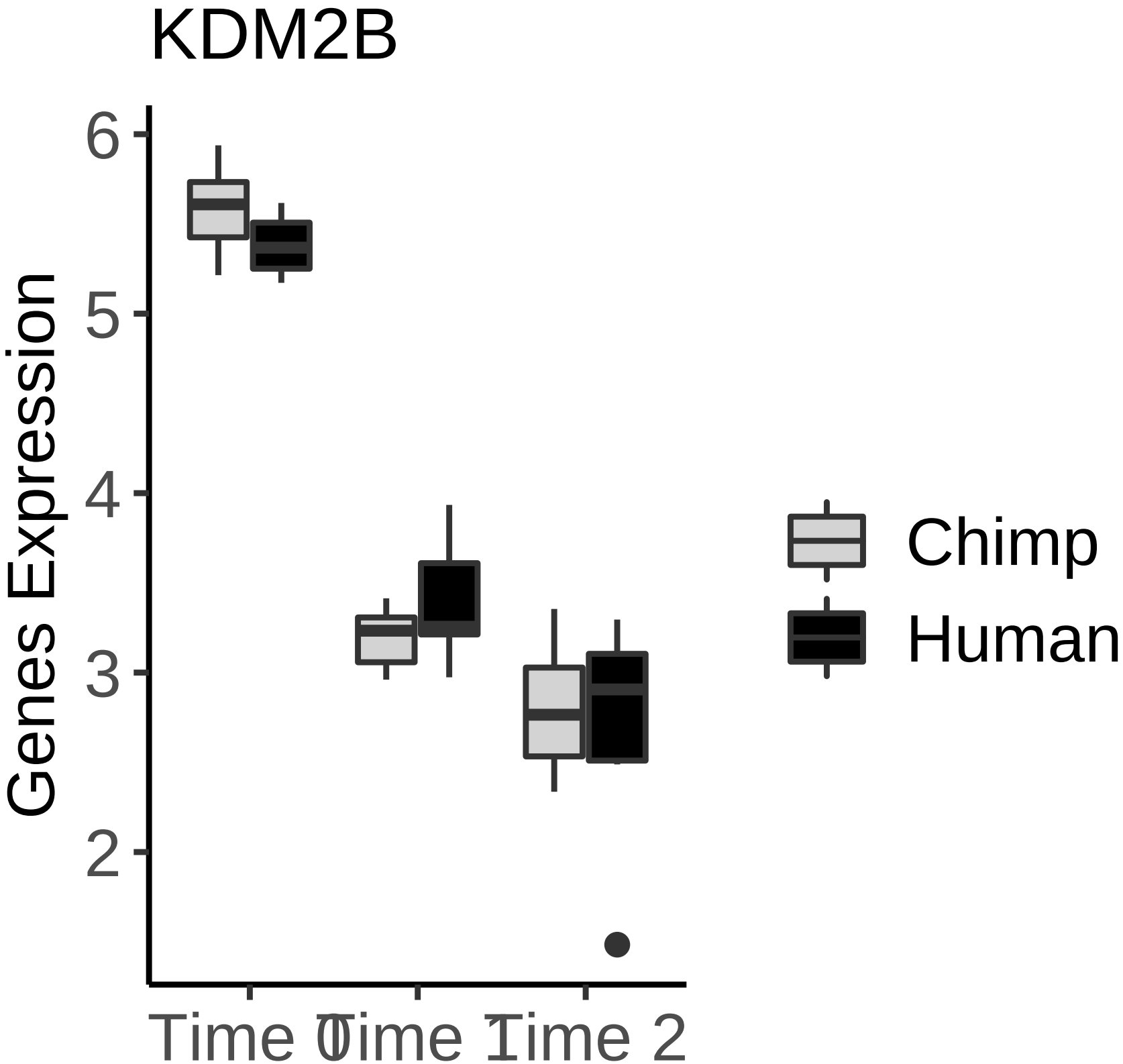
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Genes Expression
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Time 2
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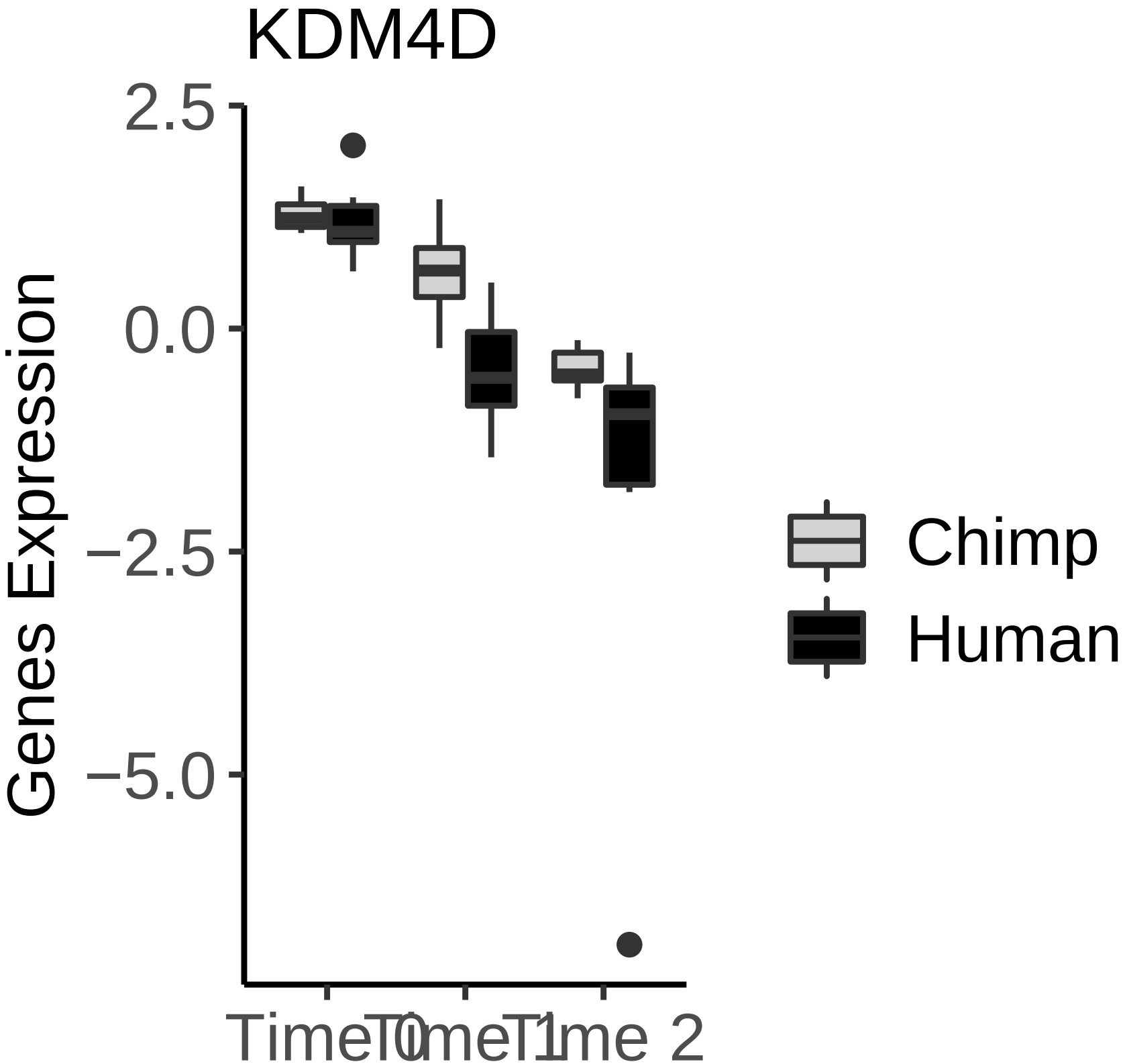
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Genes Expression
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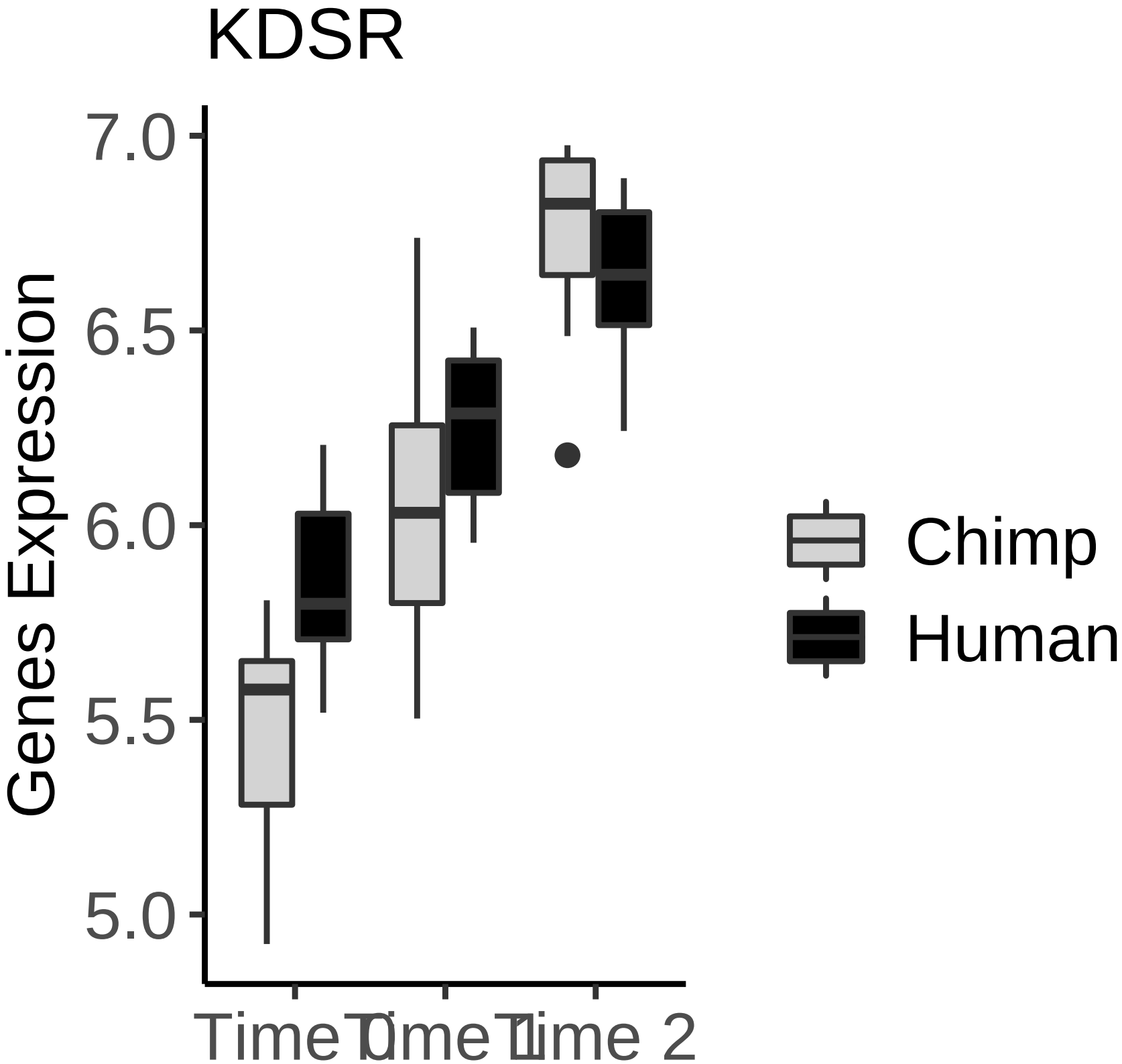
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5.0
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Chimp
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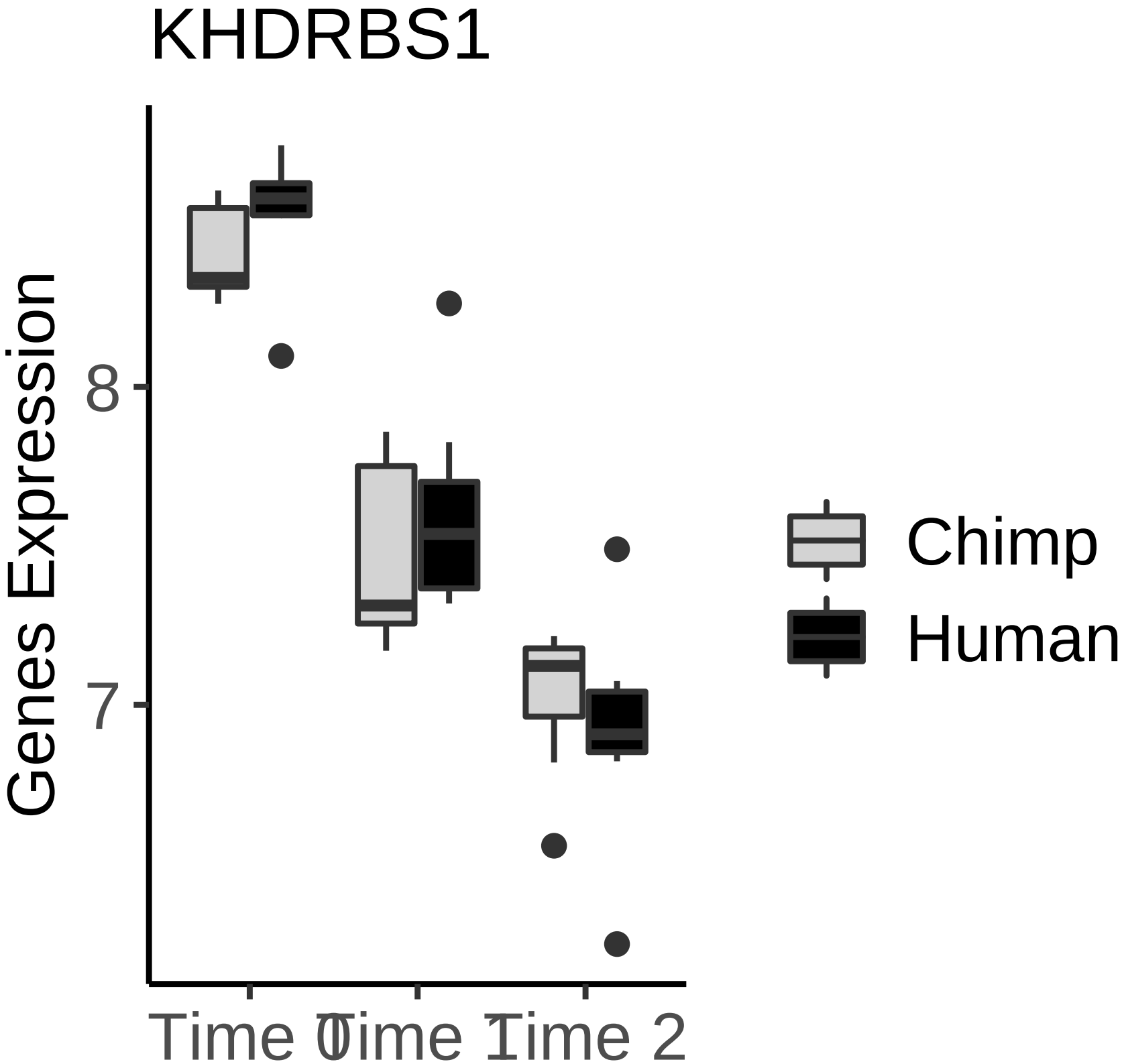
KHDRBS1
Genes Expression
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7
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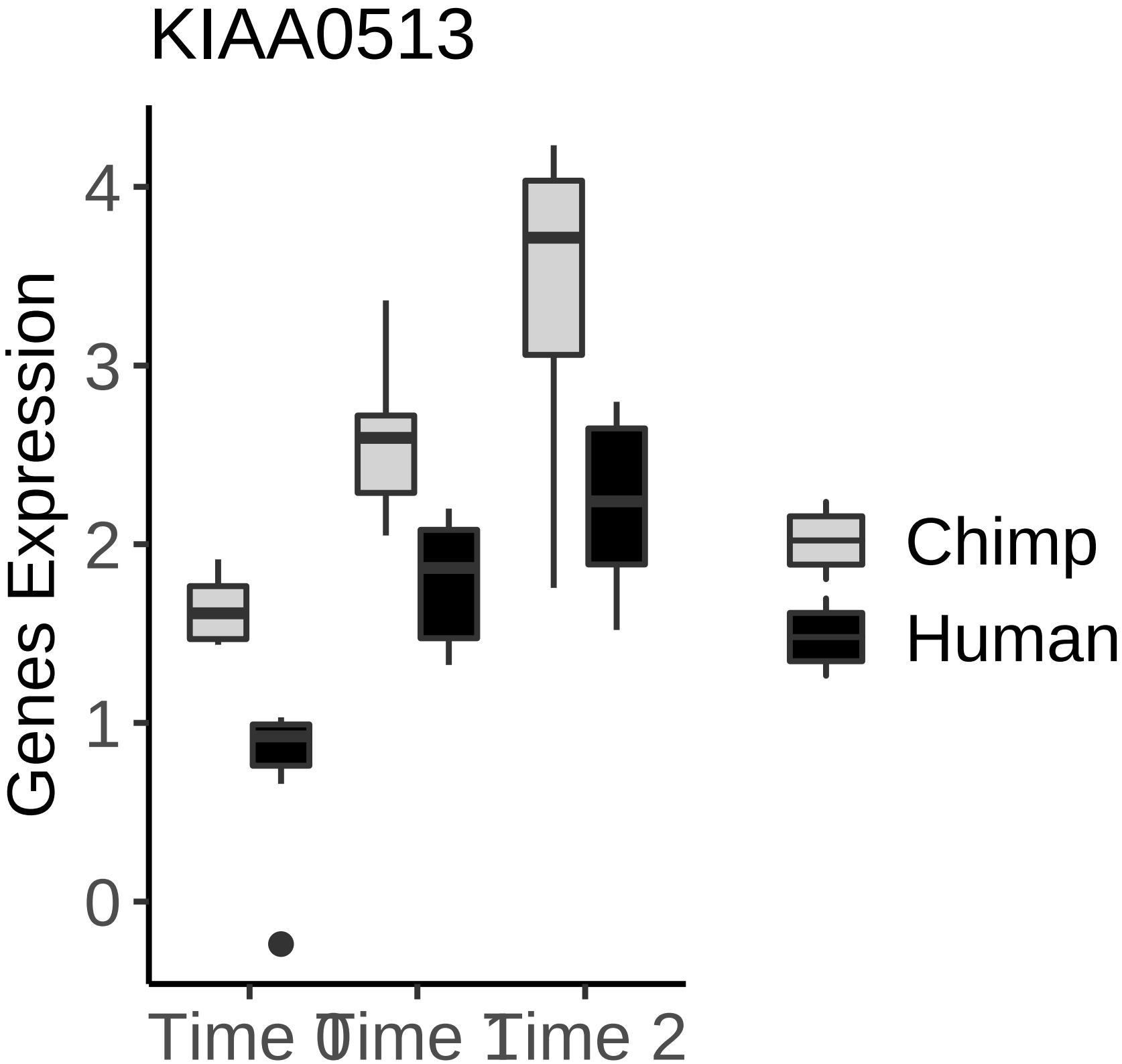
Human


KIAA0513
Genes Expression
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Time 2
Chimp
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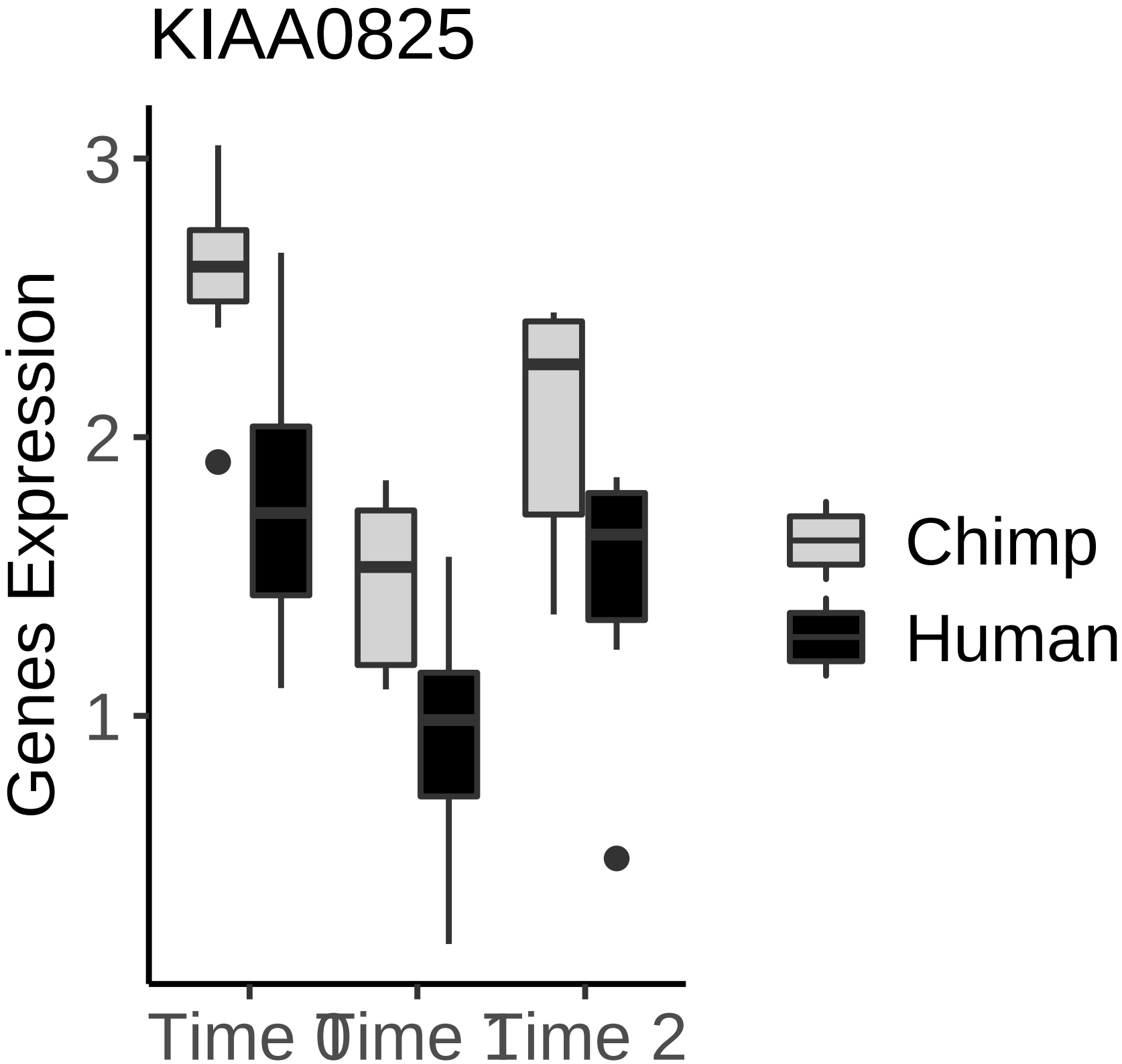
KIAA0825
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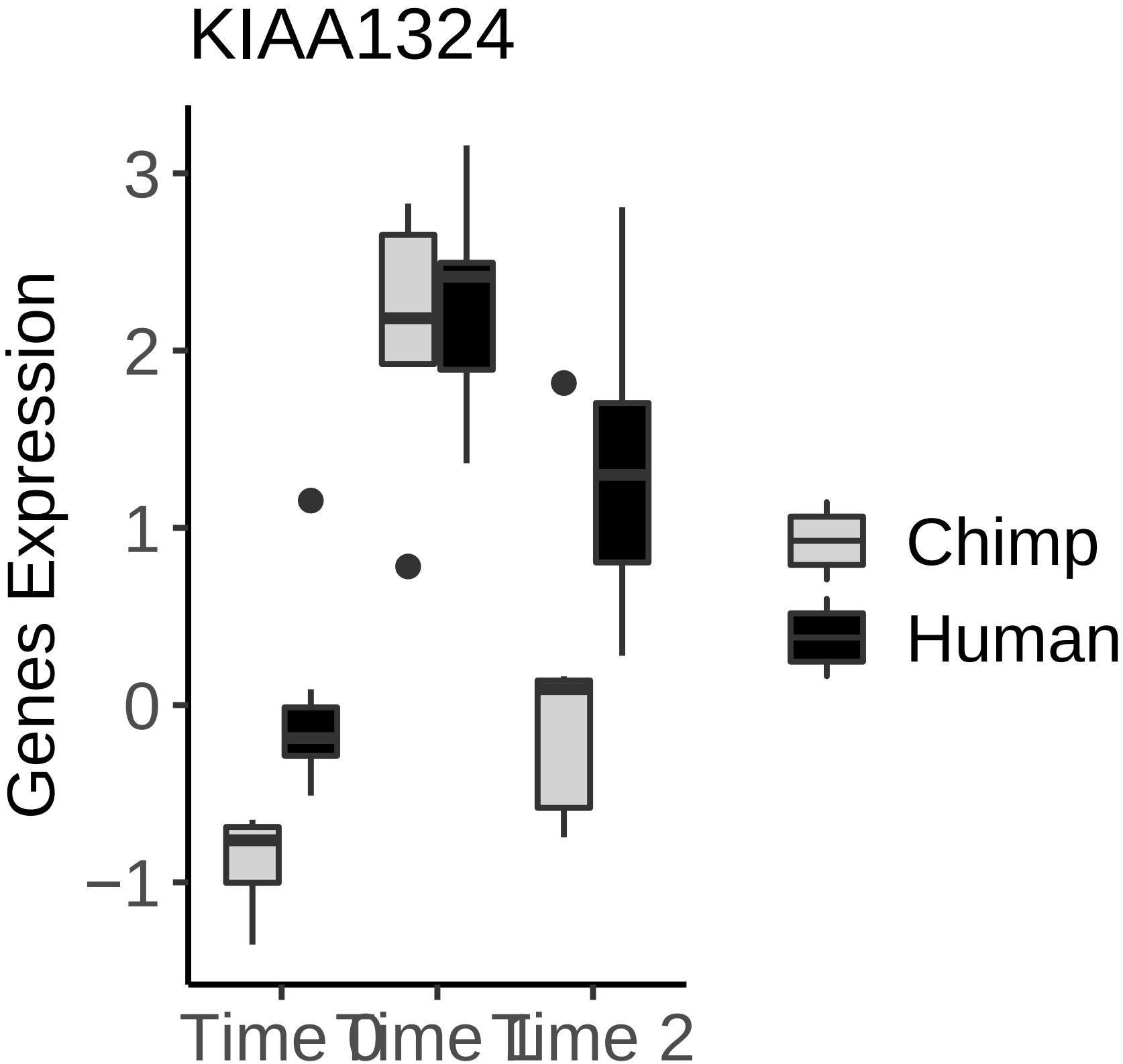
KIAA1324
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Chimp
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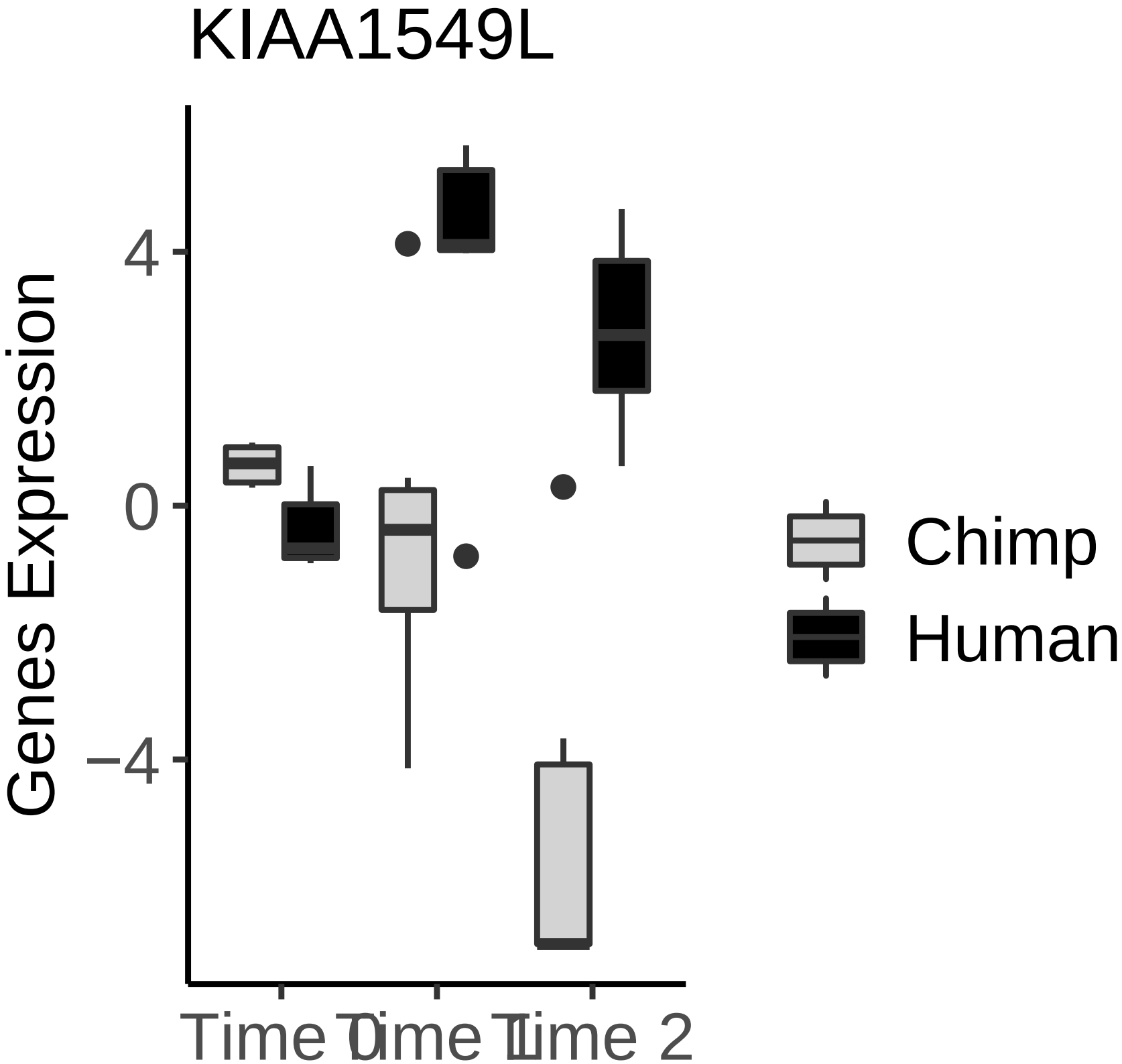
KIAA1549L
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Chimp
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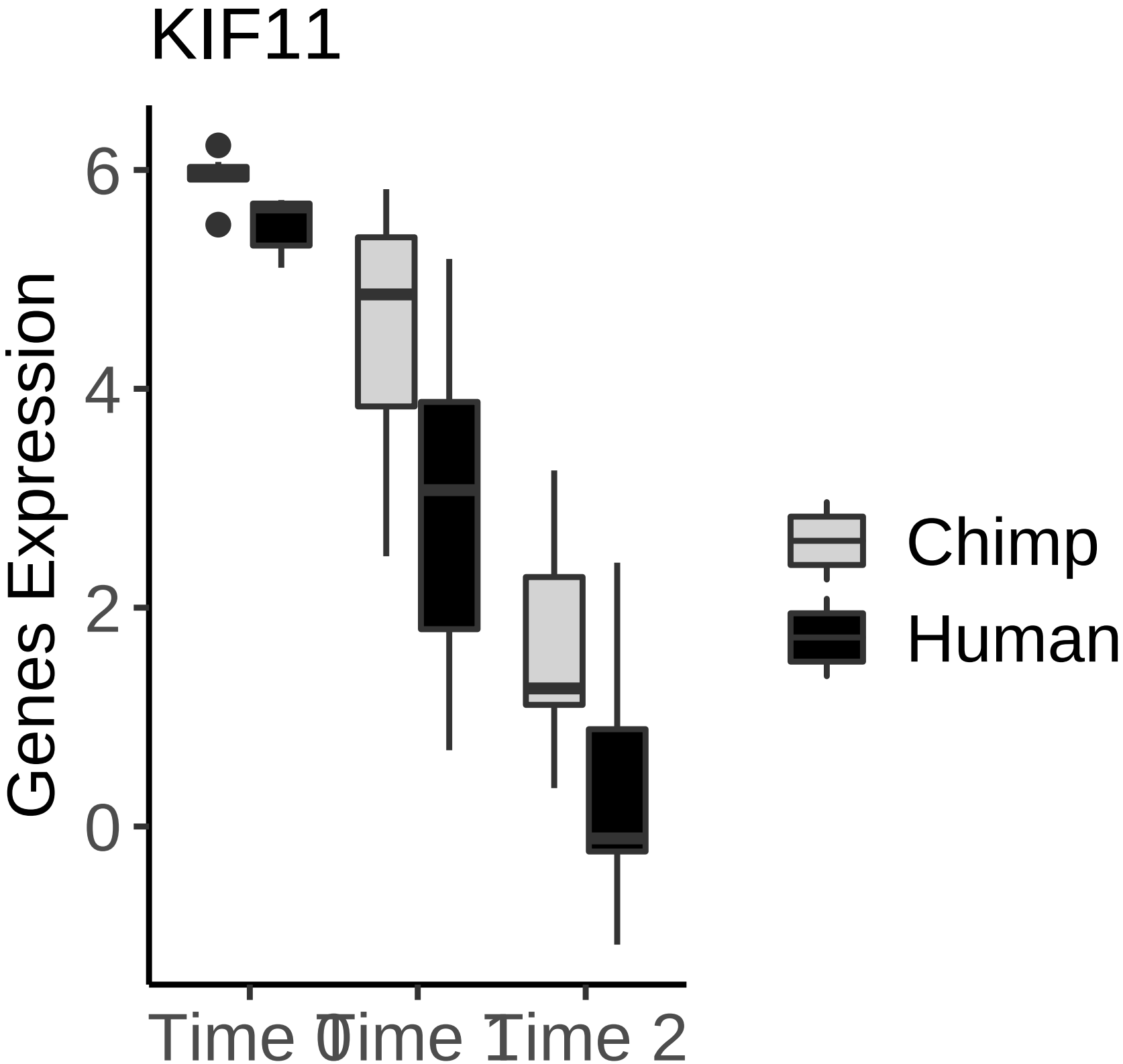
KIF11
Genes Expression
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4
2
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Chimp
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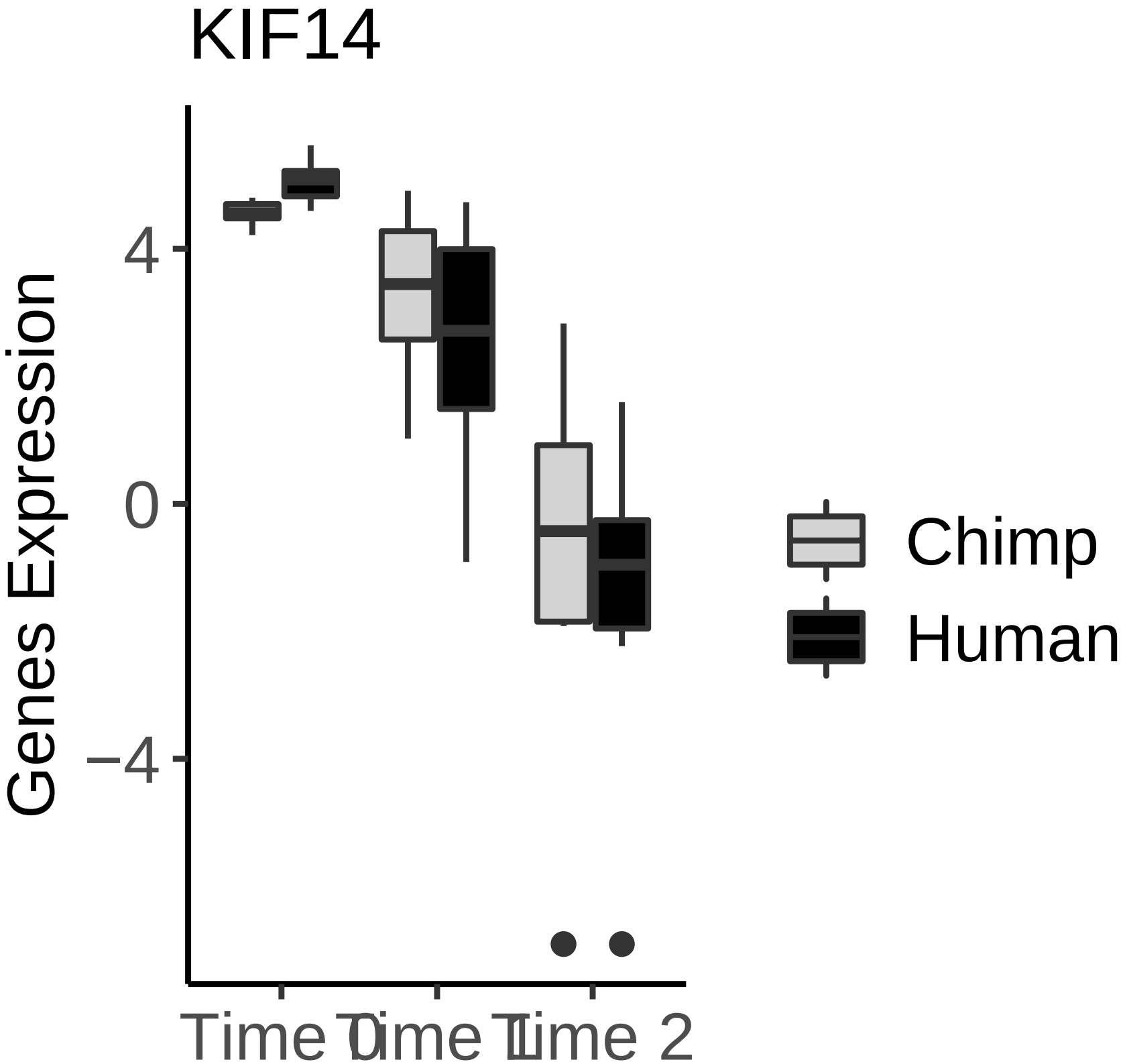
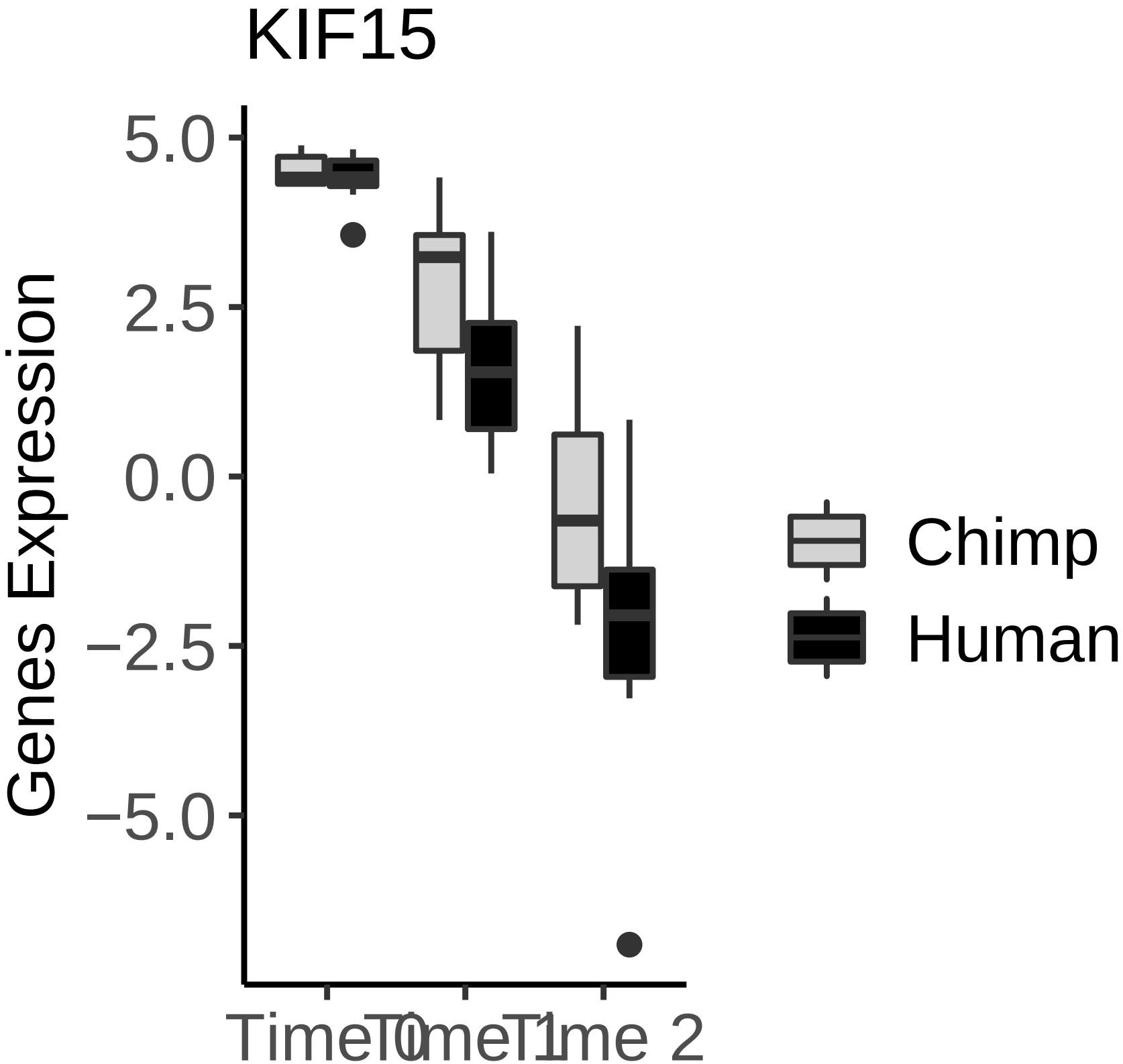
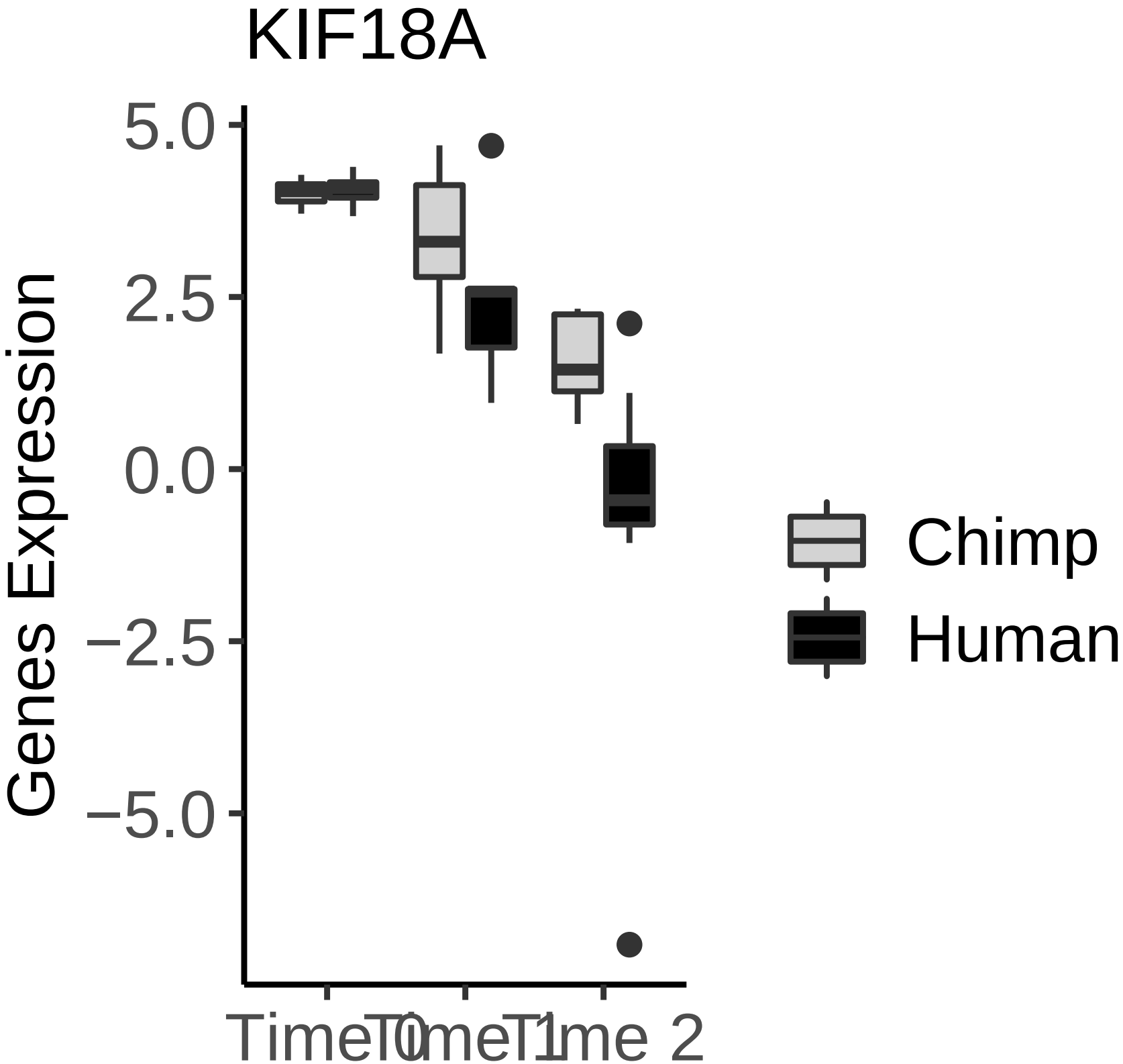
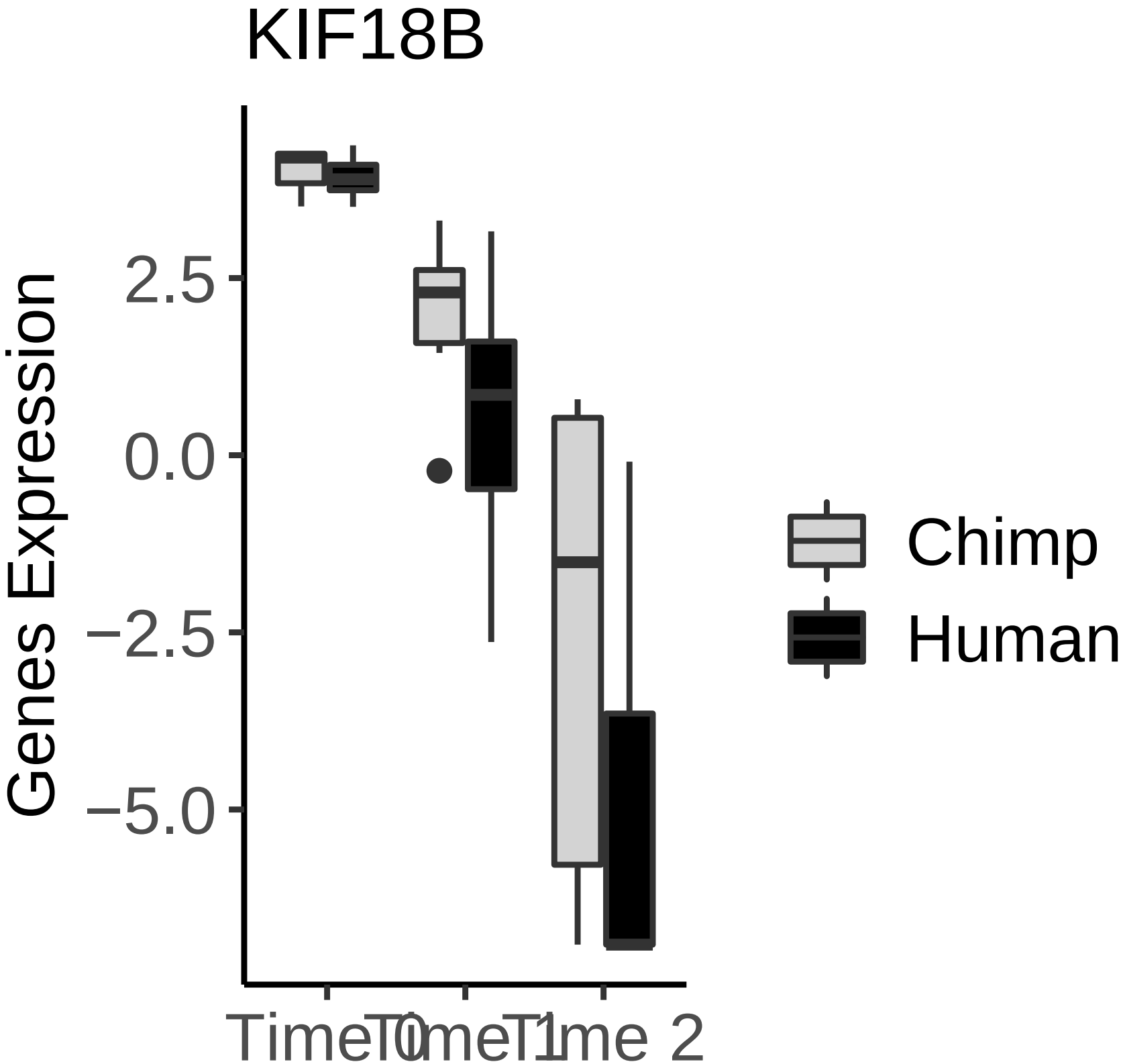
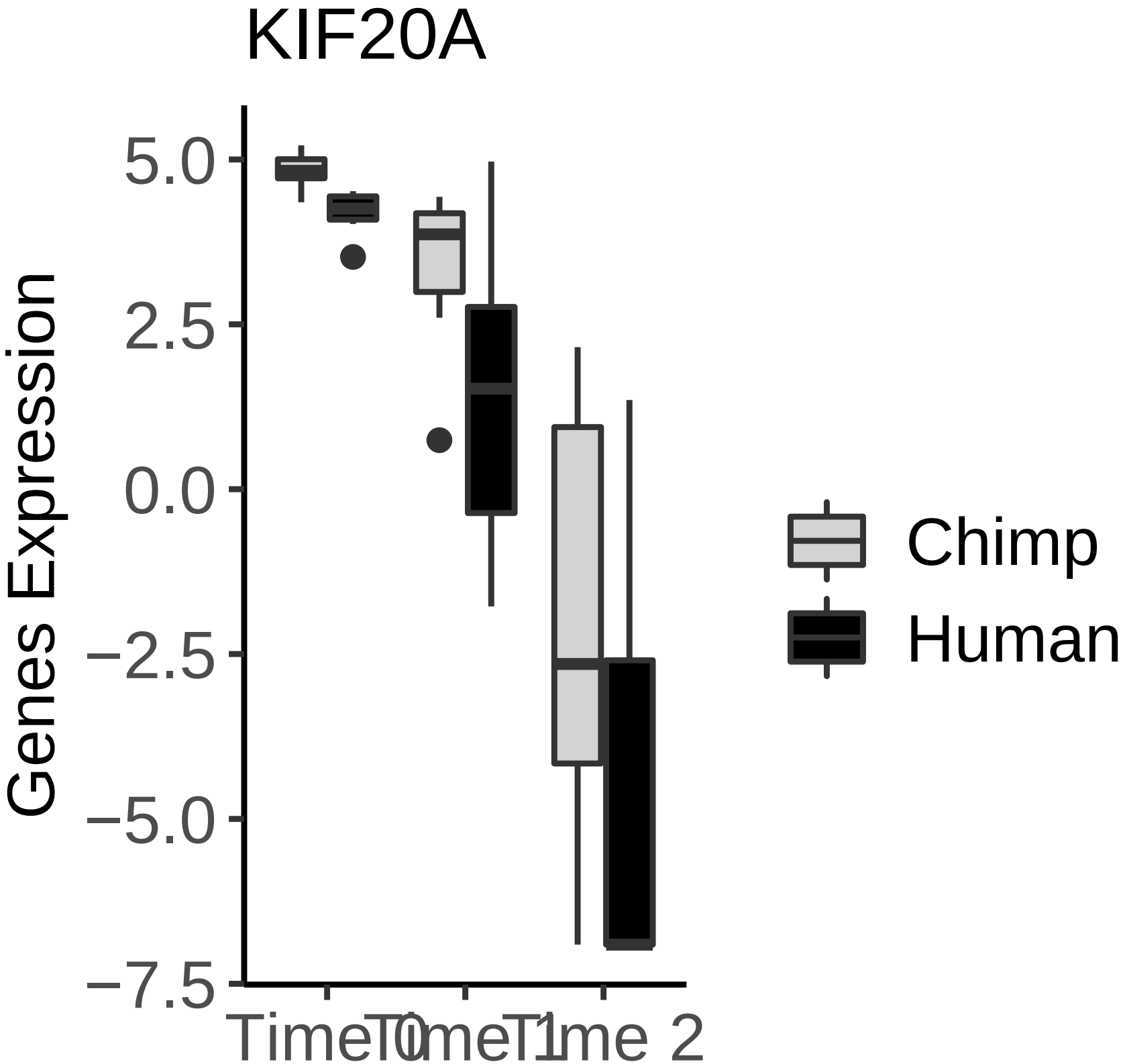
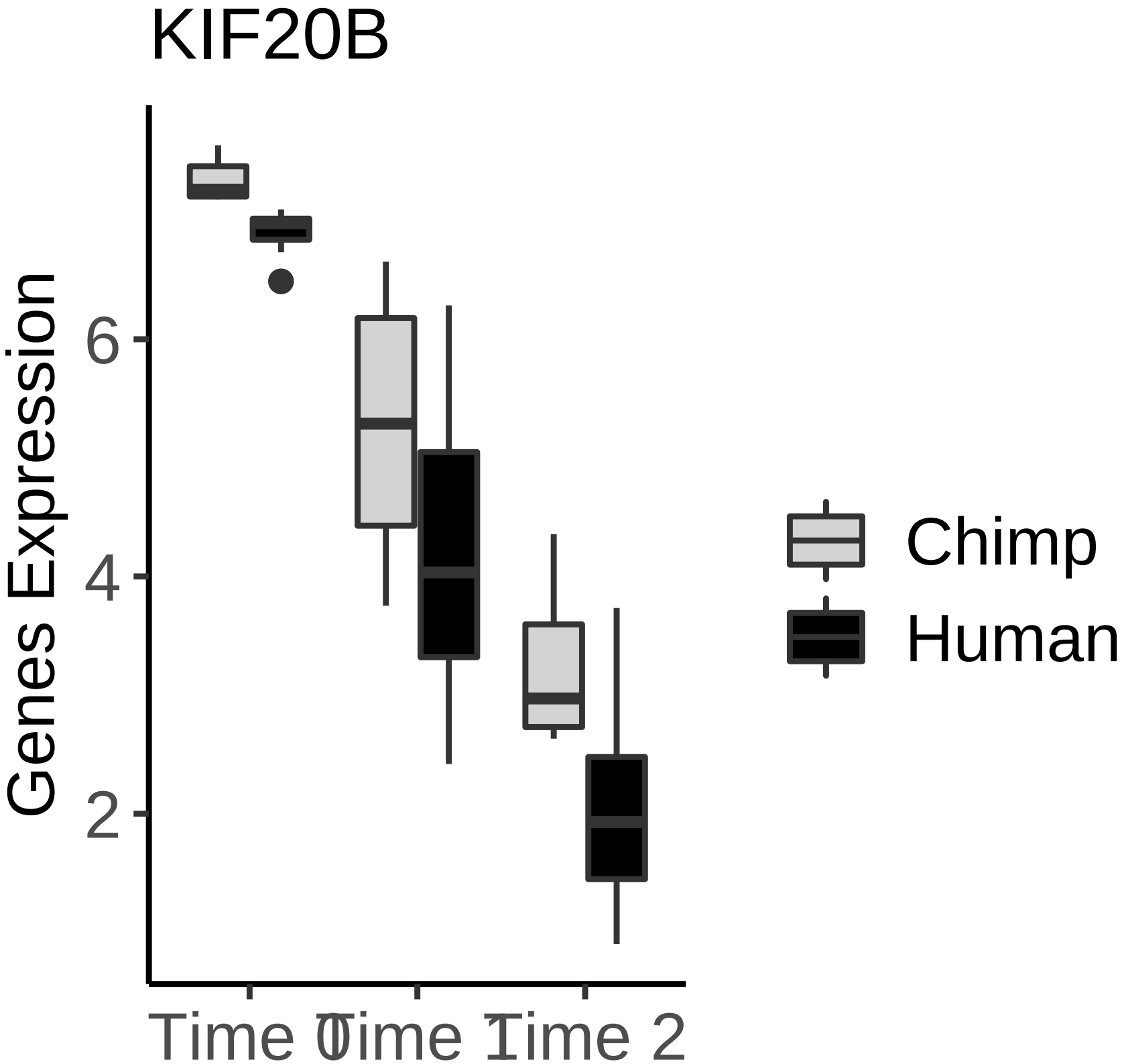

KIF14
Genes Expression
4
0
−4
Time 0
Time 1
Time 2
Chimp
Human

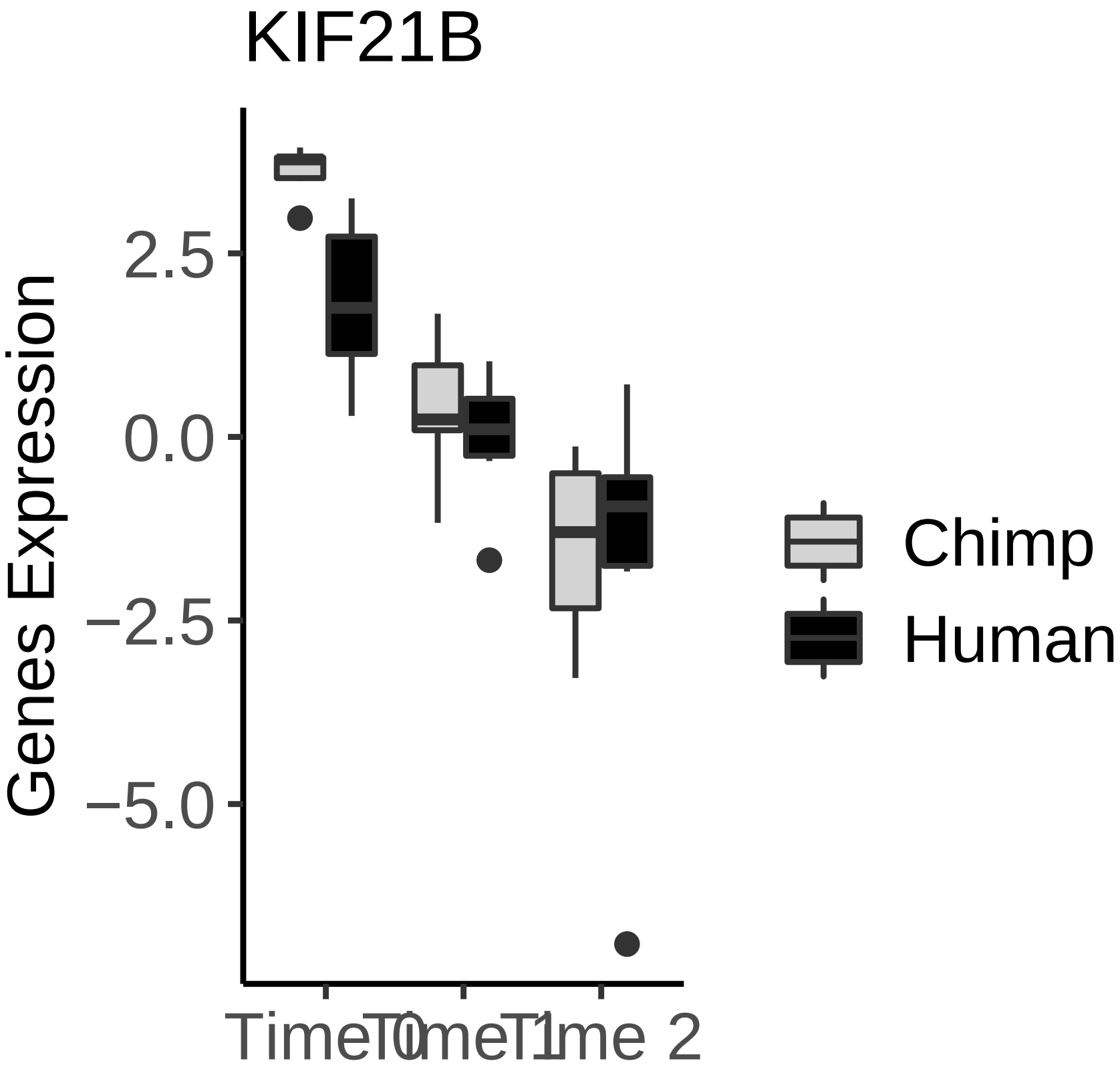

KIF15
Genes Expression
5.0
2.5
0.0
−2.5
−5.0
Time 0
Time 1
Time 2
Chimp
Human

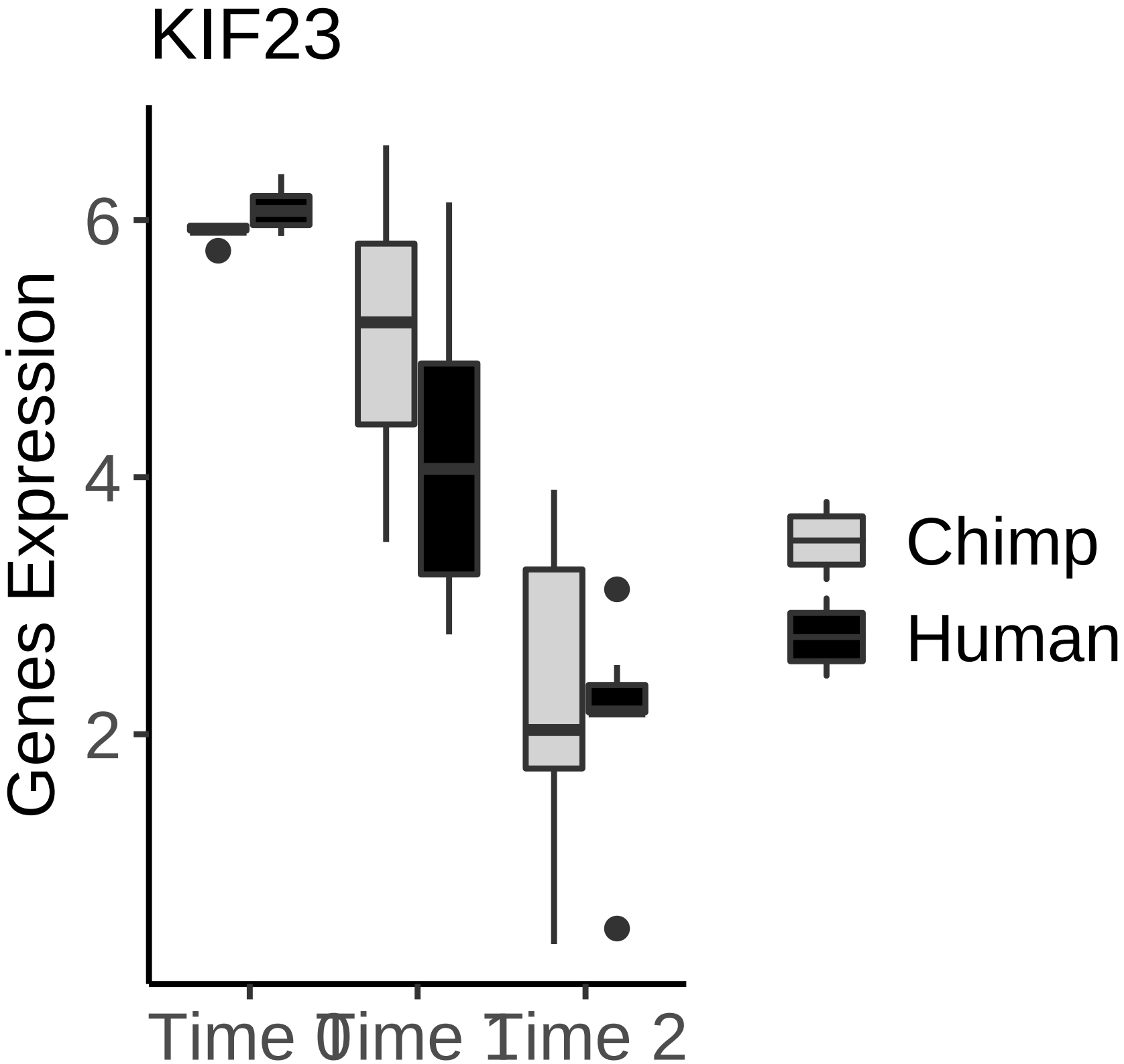

KIF18A
Genes Expression
5.0
2.5
0.0
−2.5
−5.0
Time 0
Time 1
Time 2
Chimp
Human

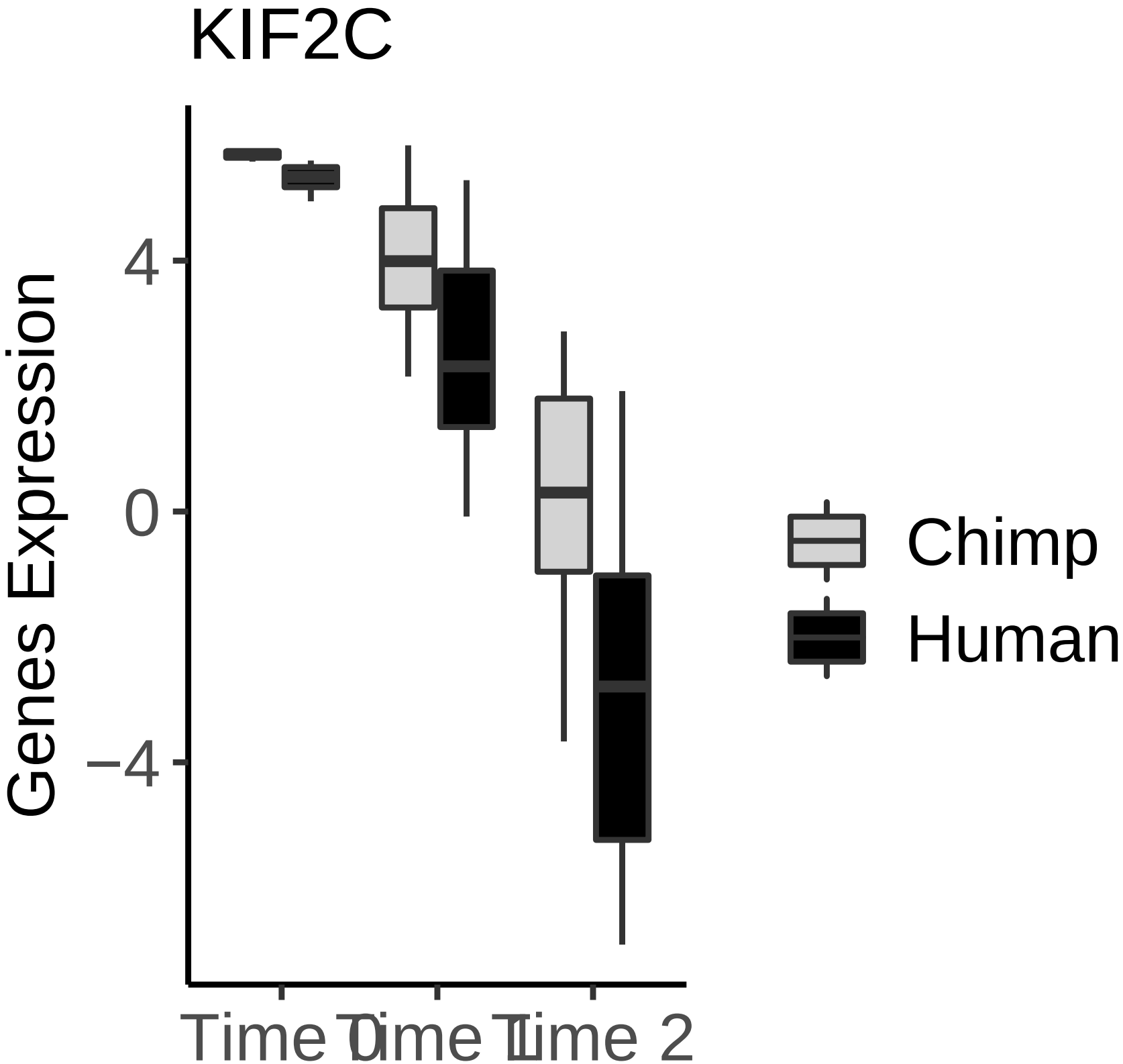

KIF18B
Genes Expression
2.5
0.0
−2.5
−5.0
Time 0
Time 1
Time 2
Chimp
Human

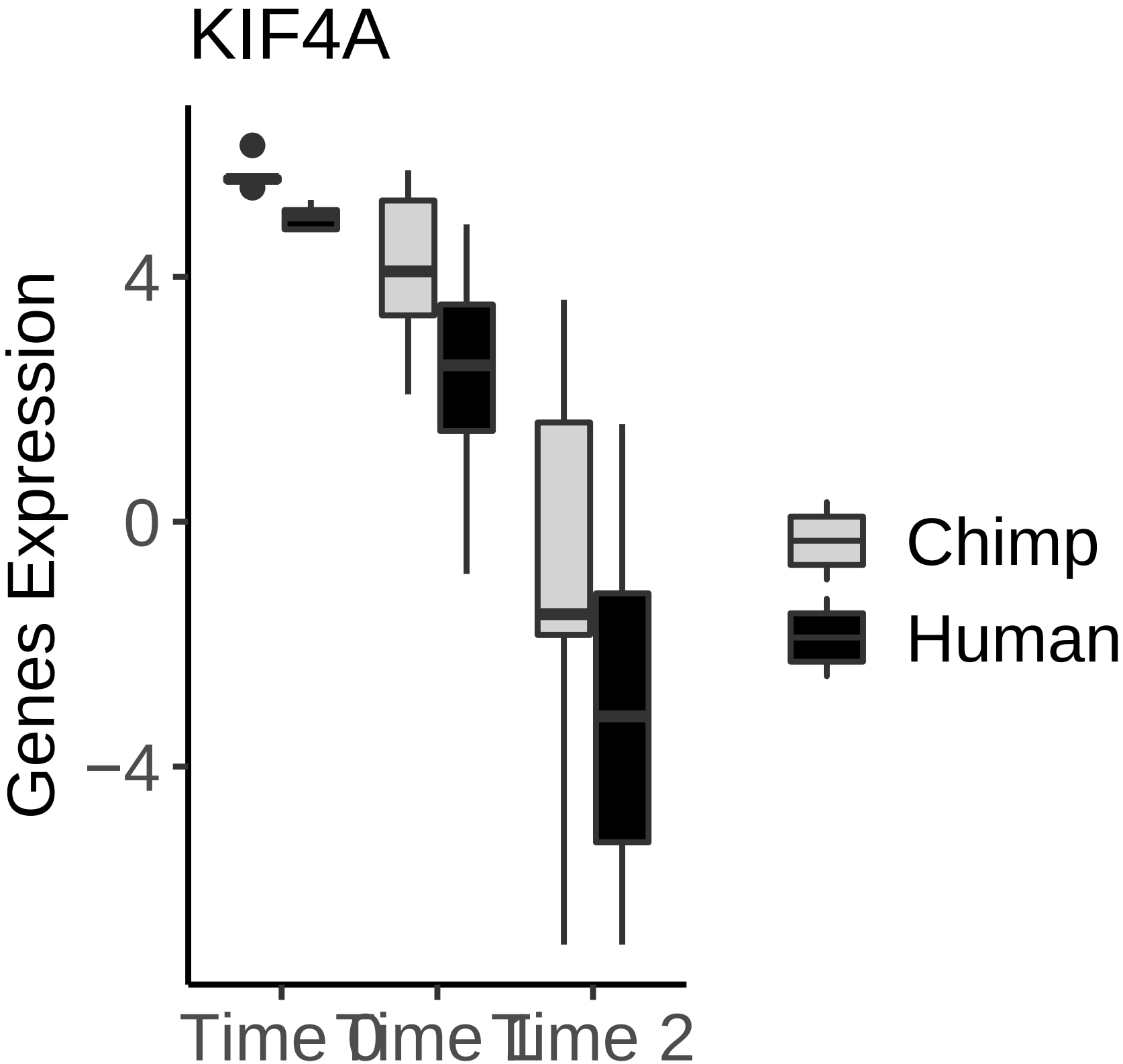

KIF20A
Genes Expression
5.0
2.5
0.0
−2.5
−5.0
−7.5
Time 0
Time 1
Time 2
Chimp
Human

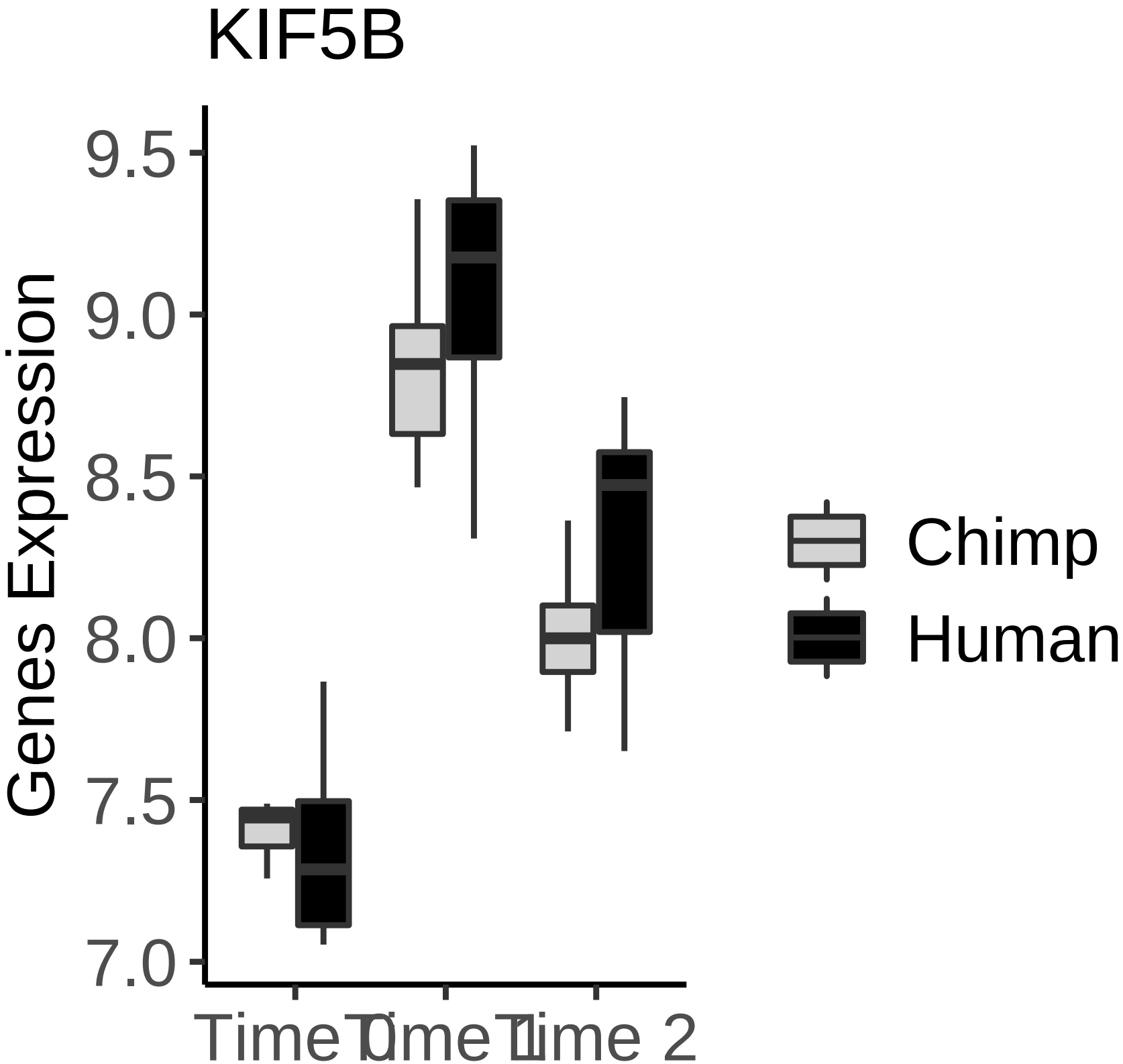

KIF20B
Genes Expression
6
4
2
Time 0
Time 1
Time 2
Chimp
Human

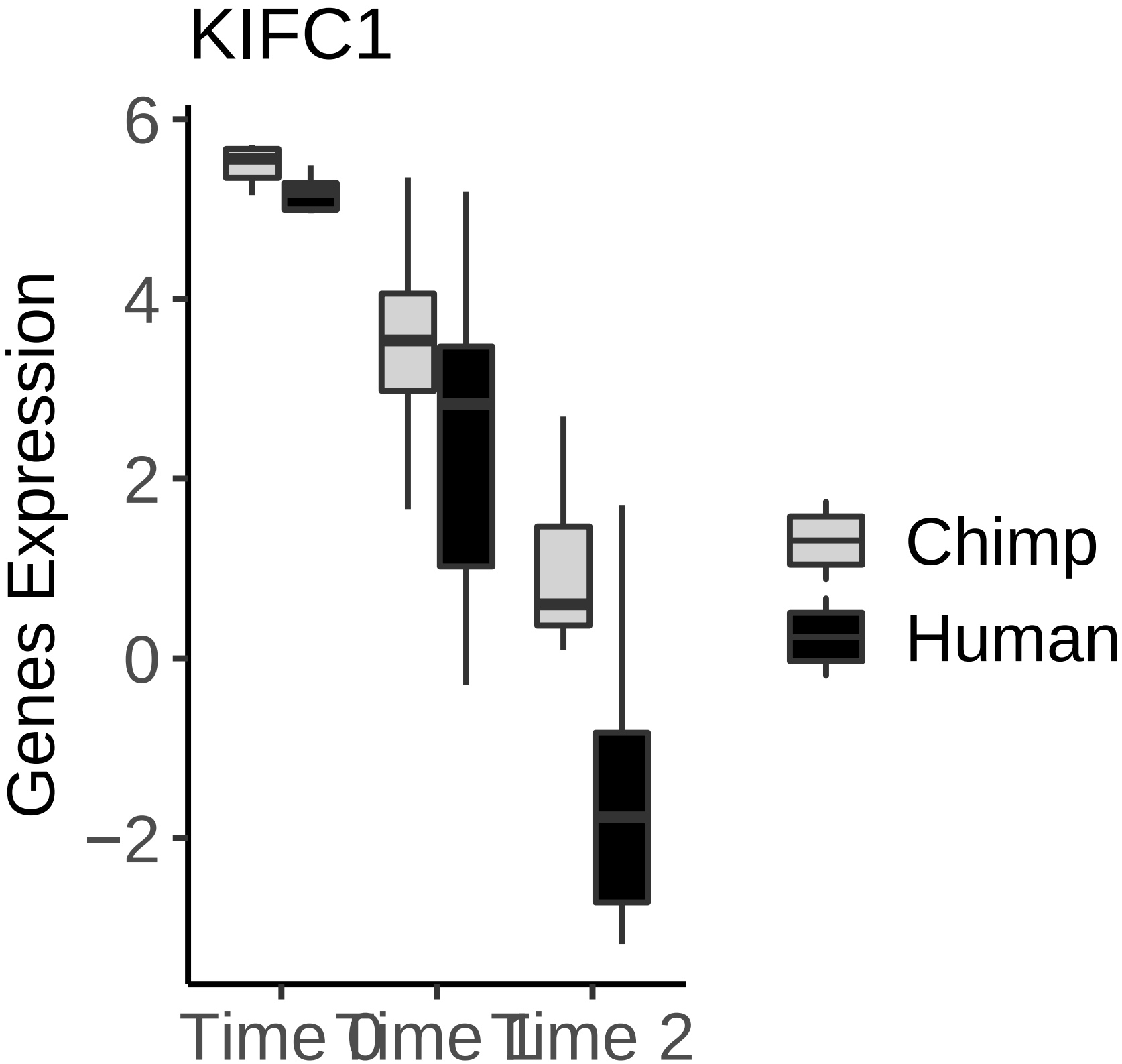

KIF21B
Genes Expression
2.5
0.0
−2.5
−5.0
Time 0
Time 1
Time 2
Chimp
Human

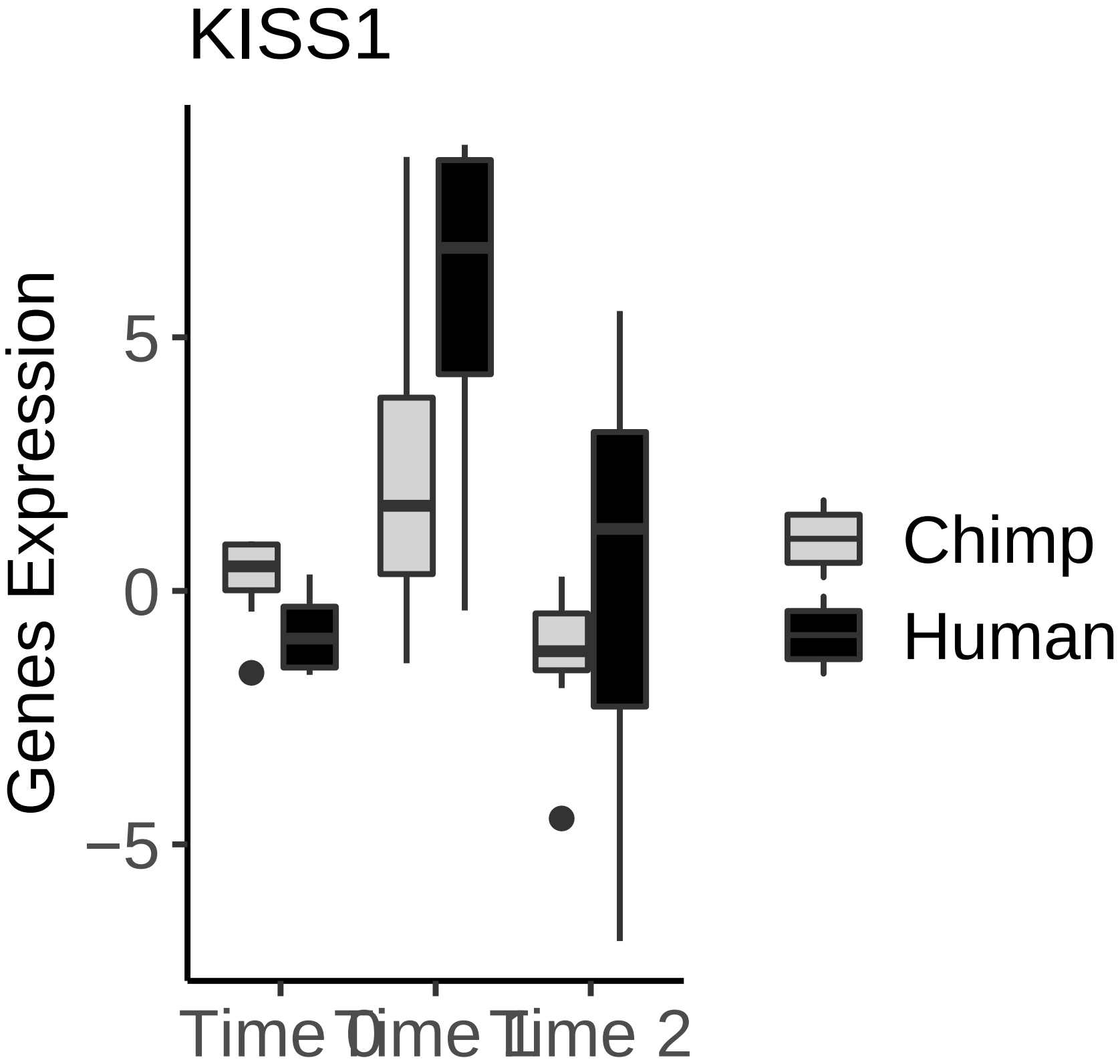

KIF23
Genes Expression
6
4
2
Time 0
Time 1
Time 2
Chimp
Human

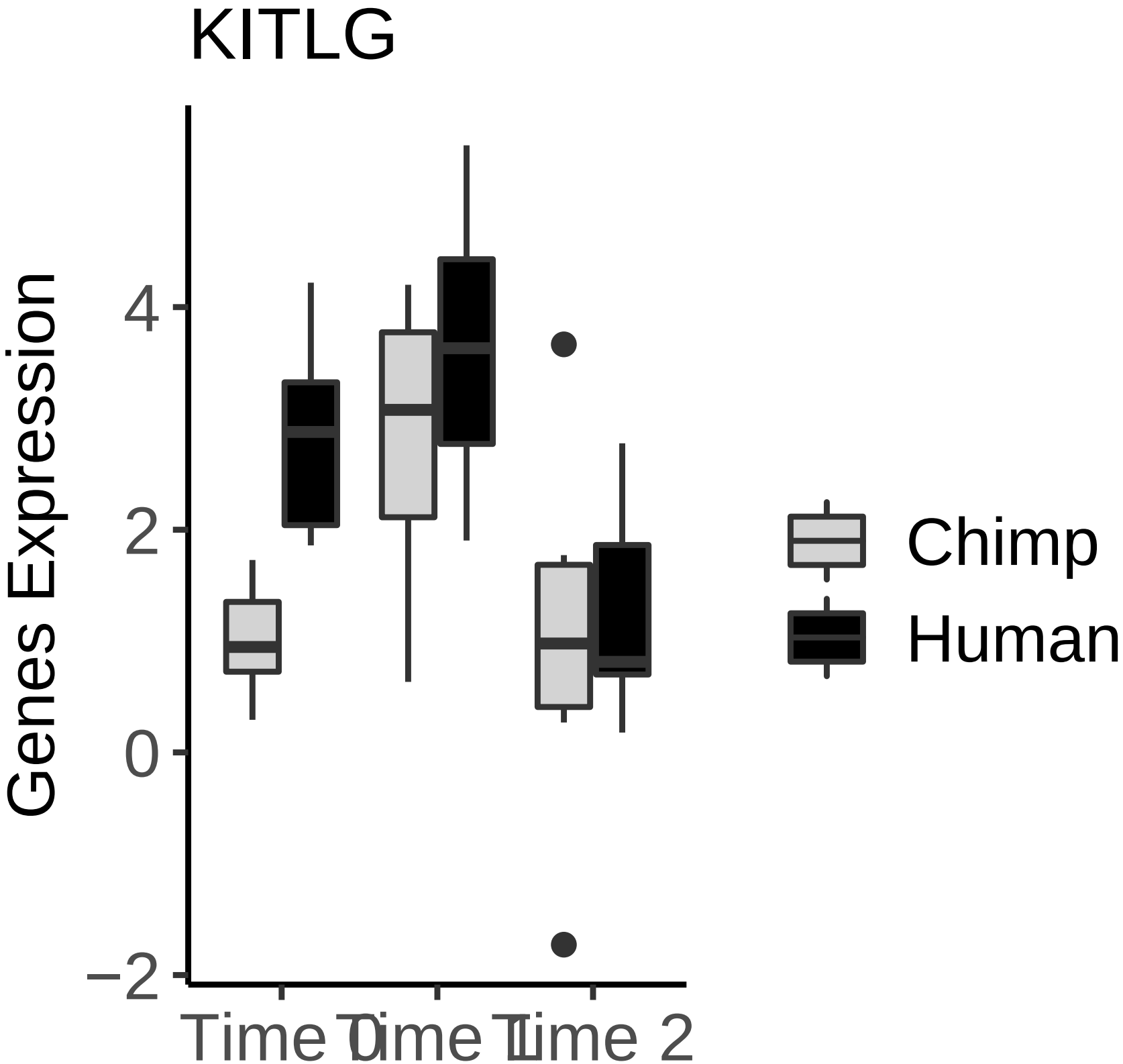

KIF2C
Genes Expression
4
0
−4
Time 0
Time 1
Time 2
Chimp
Human

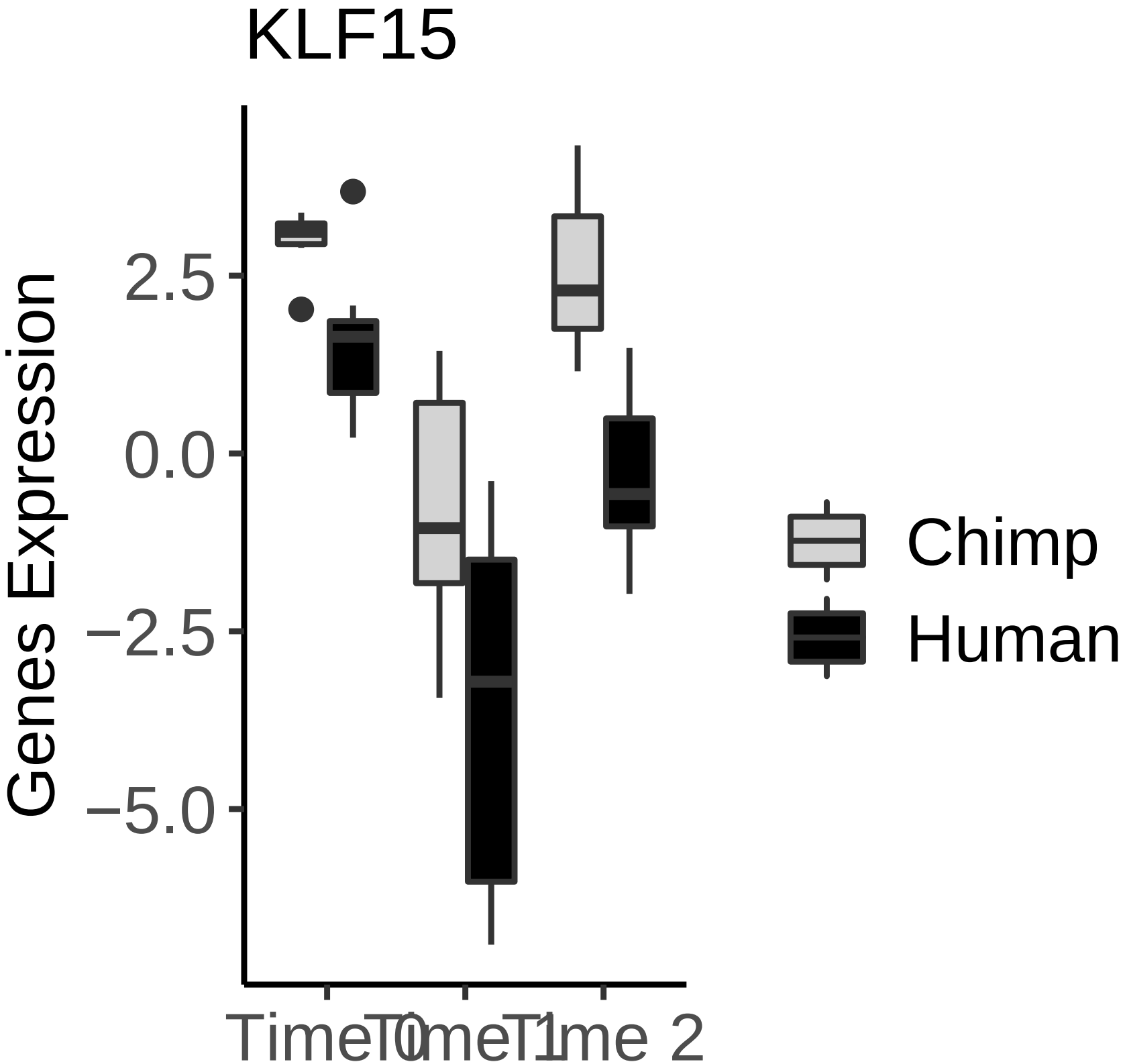

KIF4A
Genes Expression
4
0
−4
Time 0
Time 1
Time 2
Chimp
Human

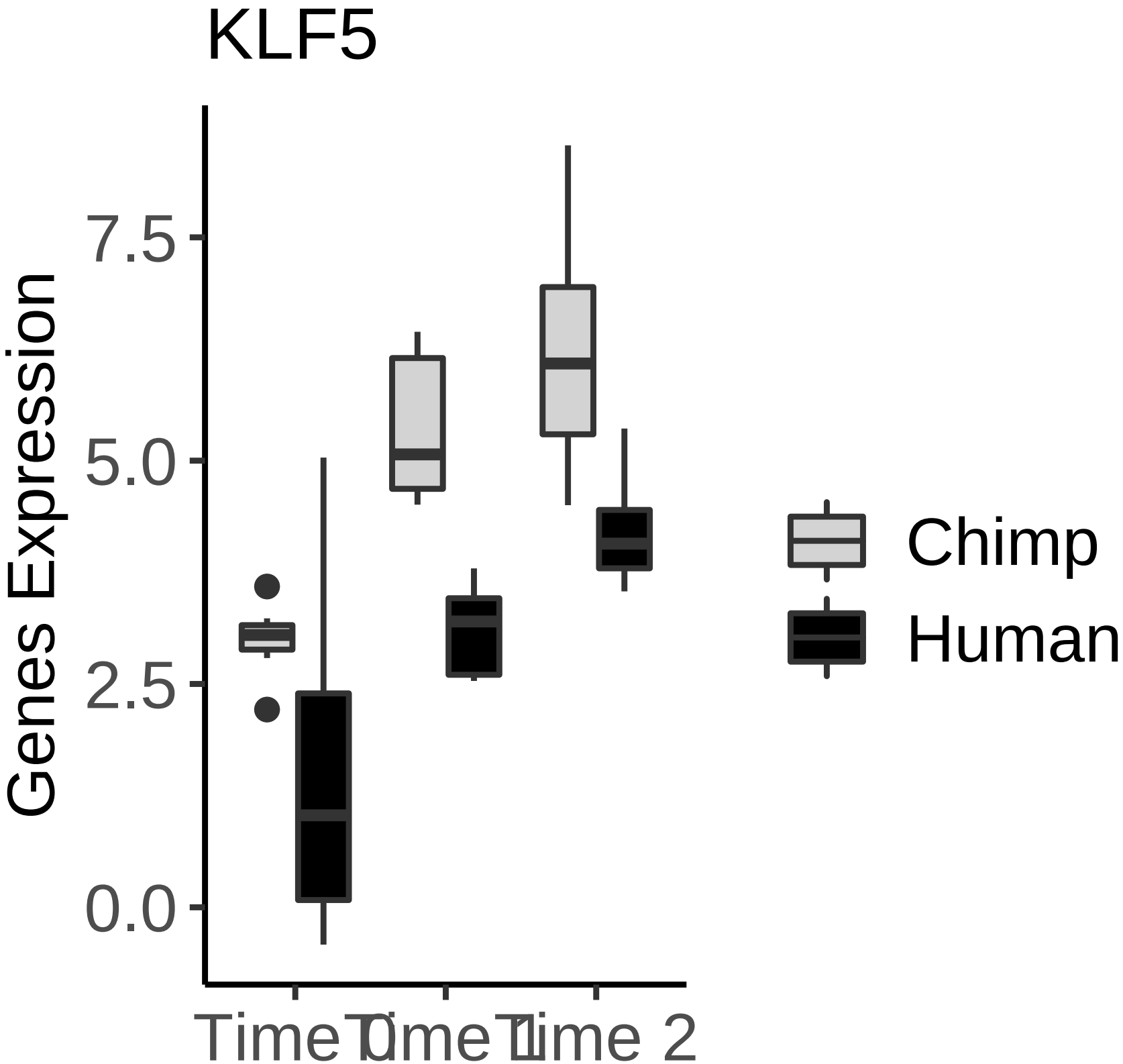

KIF5B
Genes Expression
9.5
9.0
8.5
8.0
7.5
7.0
Time 0
Time 1
Time 2
Chimp
Human

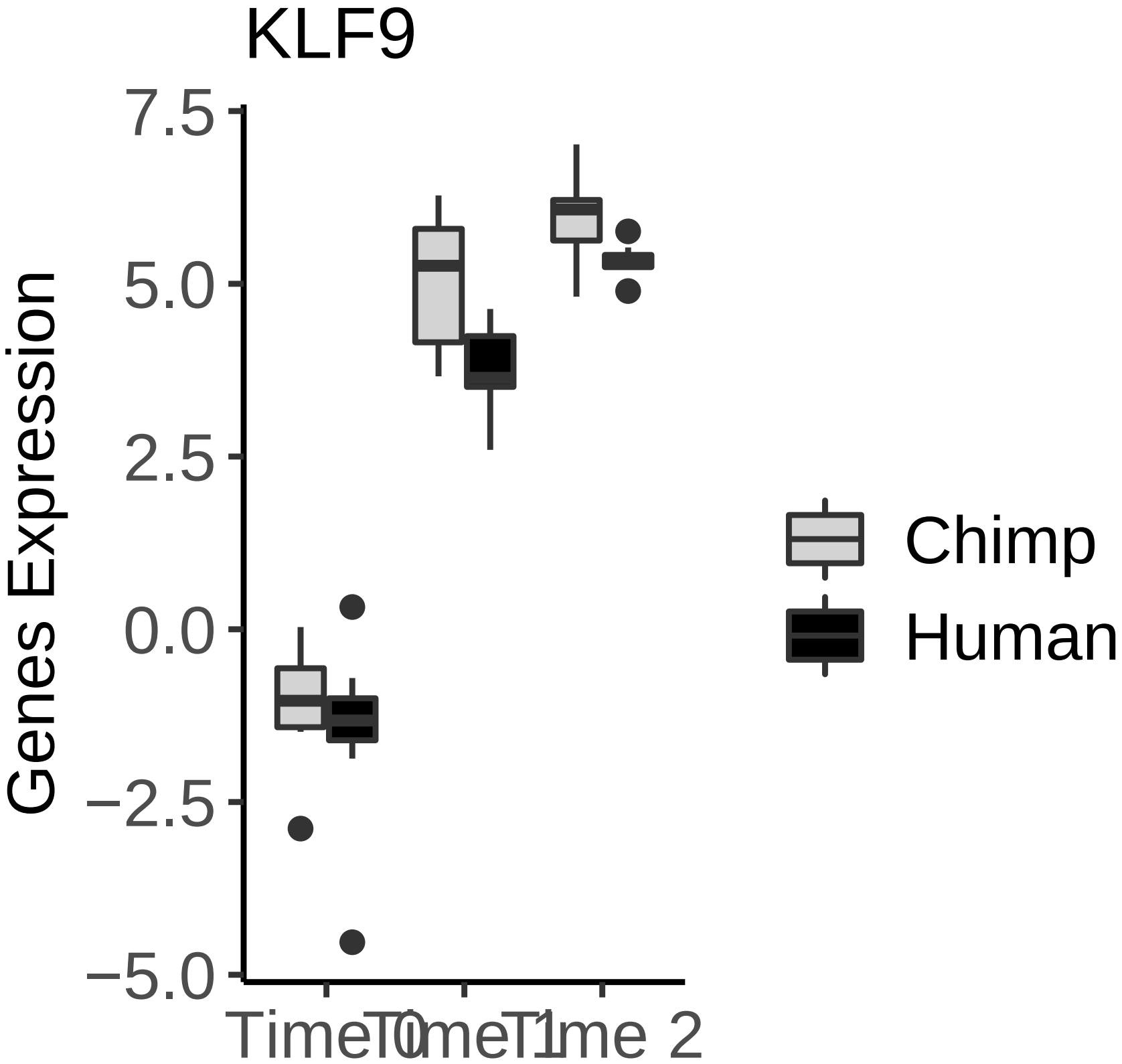

KIFC1
Genes Expression
6
4
2
0
−2
Time 0
Time 1
Time 2
Chimp
Human

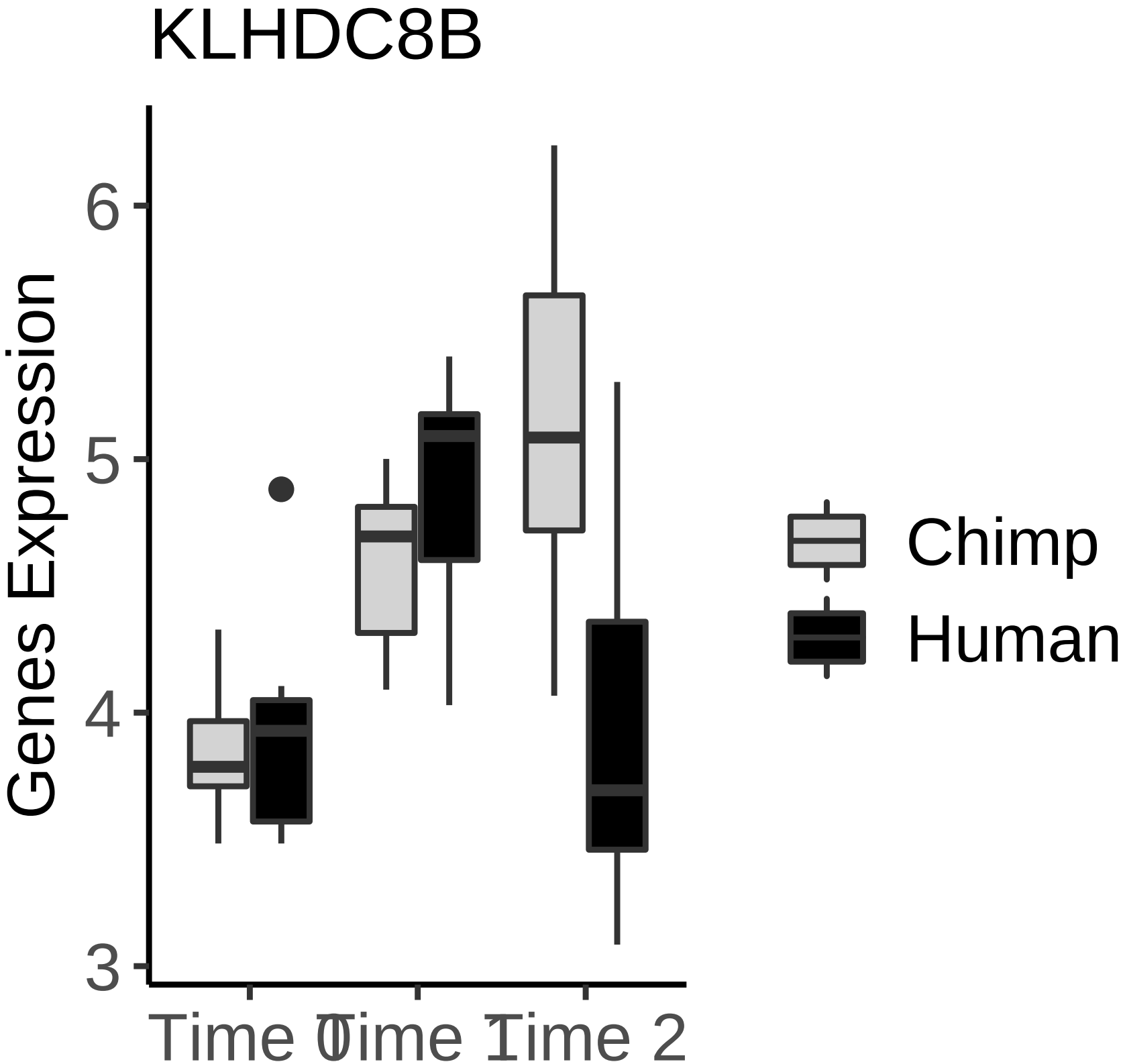

KISS1
Genes Expression
5
0
−5
Time 0
Time 1
Time 2
Chimp
Human

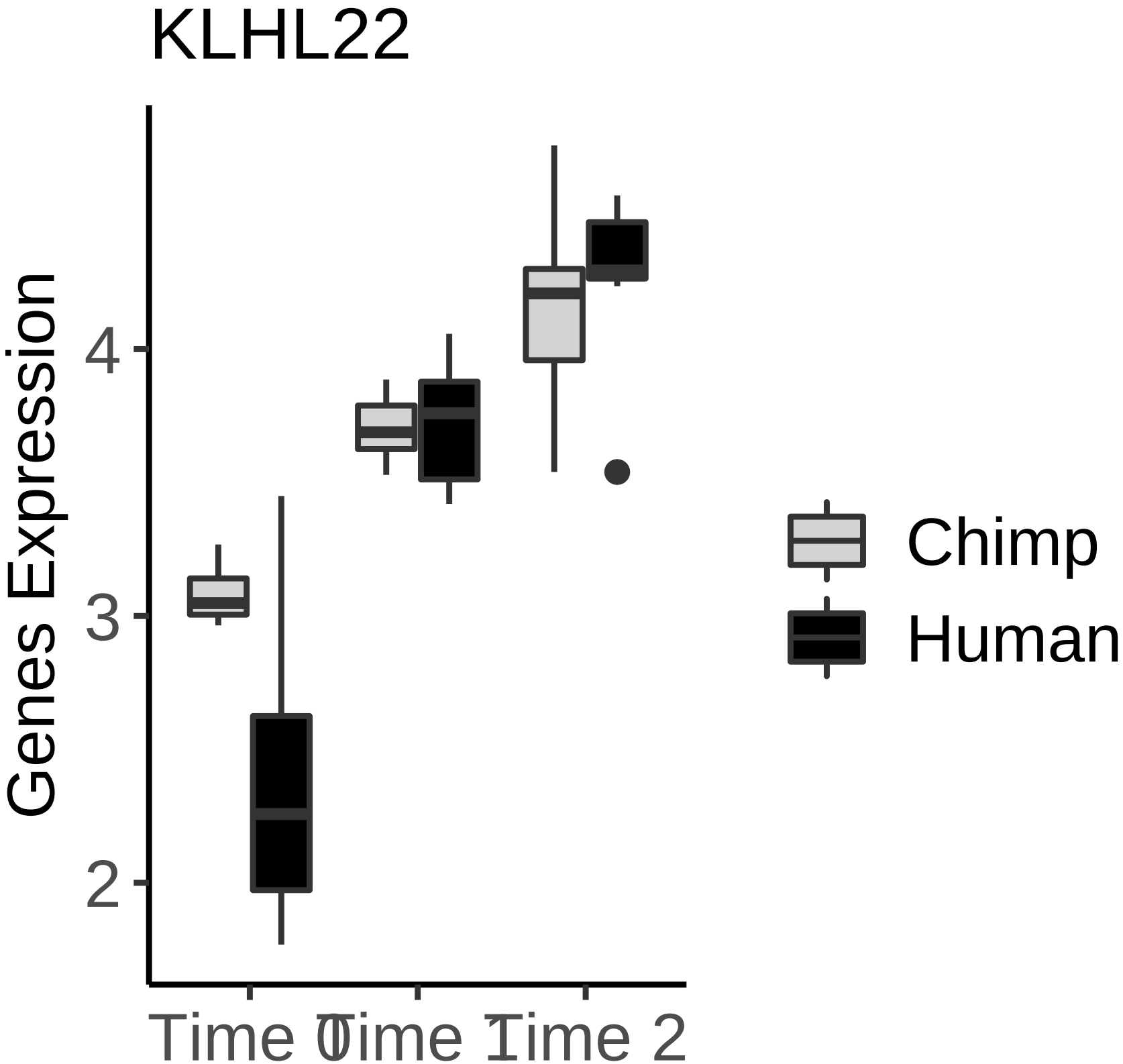

KITLG
Genes Expression
4
2
0
−2
Time 0
Time 1
Time 2
Chimp
Human

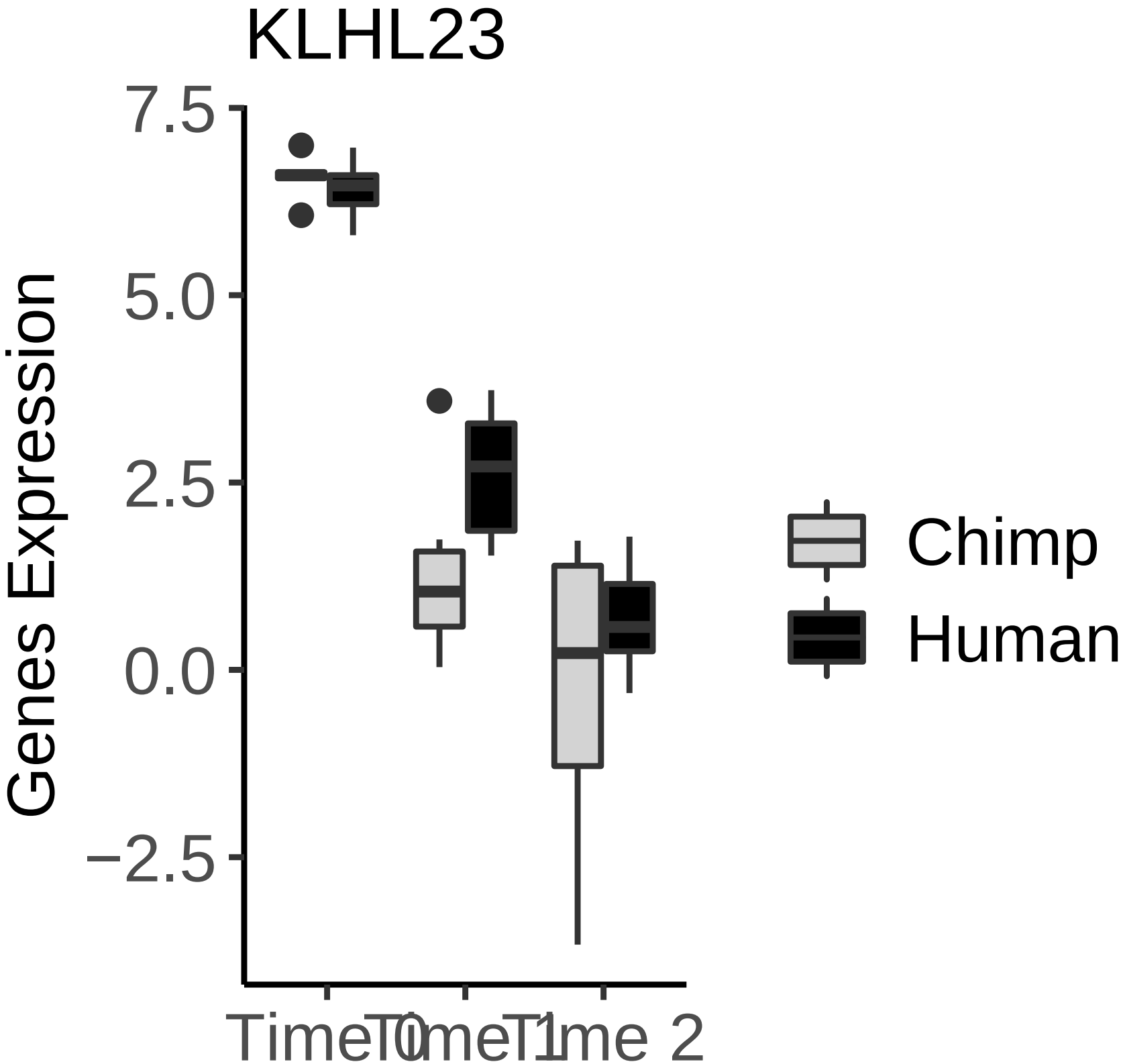

KLF15
Genes Expression
2.5
0.0
−2.5
−5.0
Time 0
Time 1
Time 2
Chimp
Human

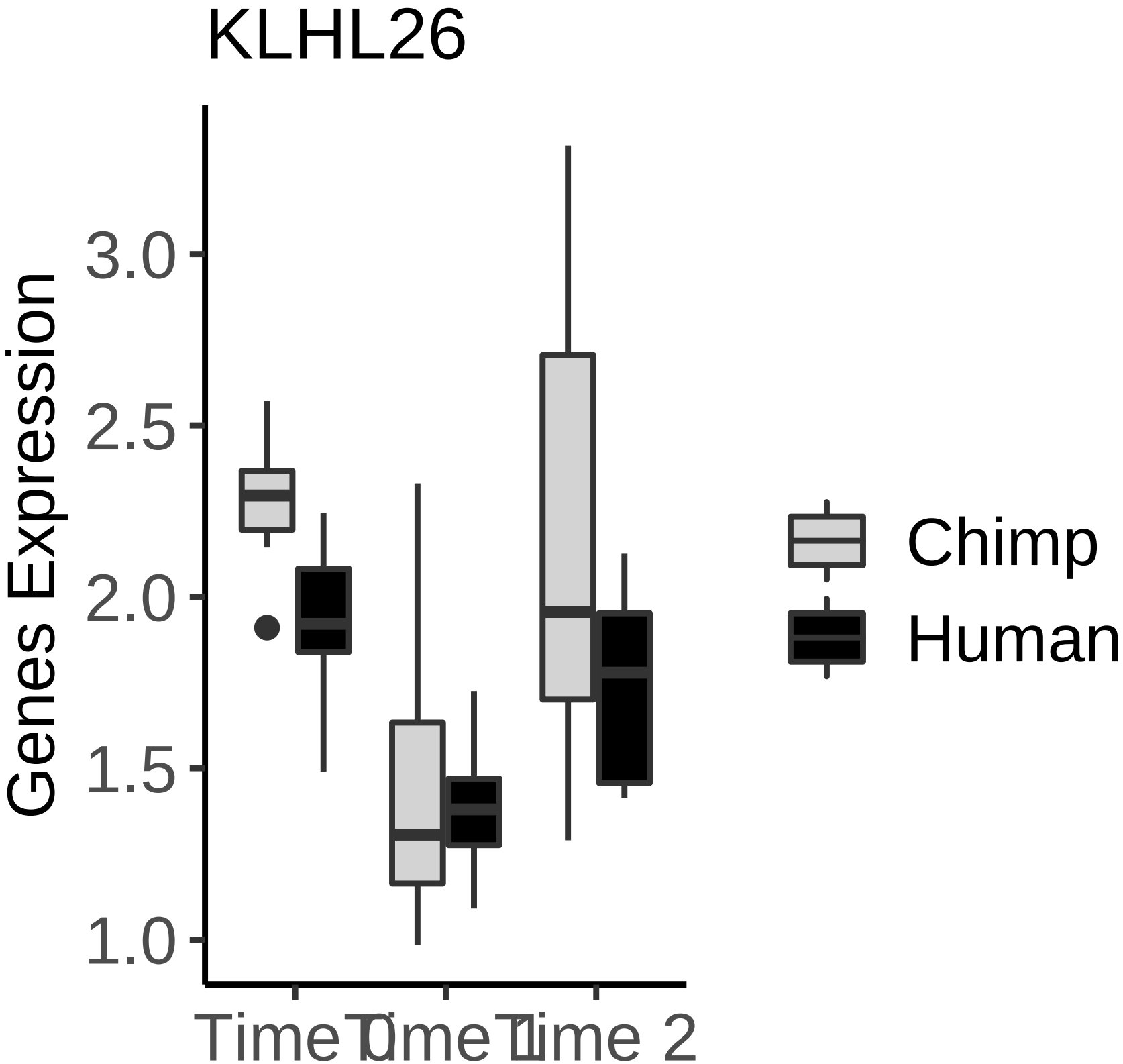

KLF5
Genes Expression
7.5
5.0
2.5
0.0
Time 0
Time 1
Time 2
Chimp
Human

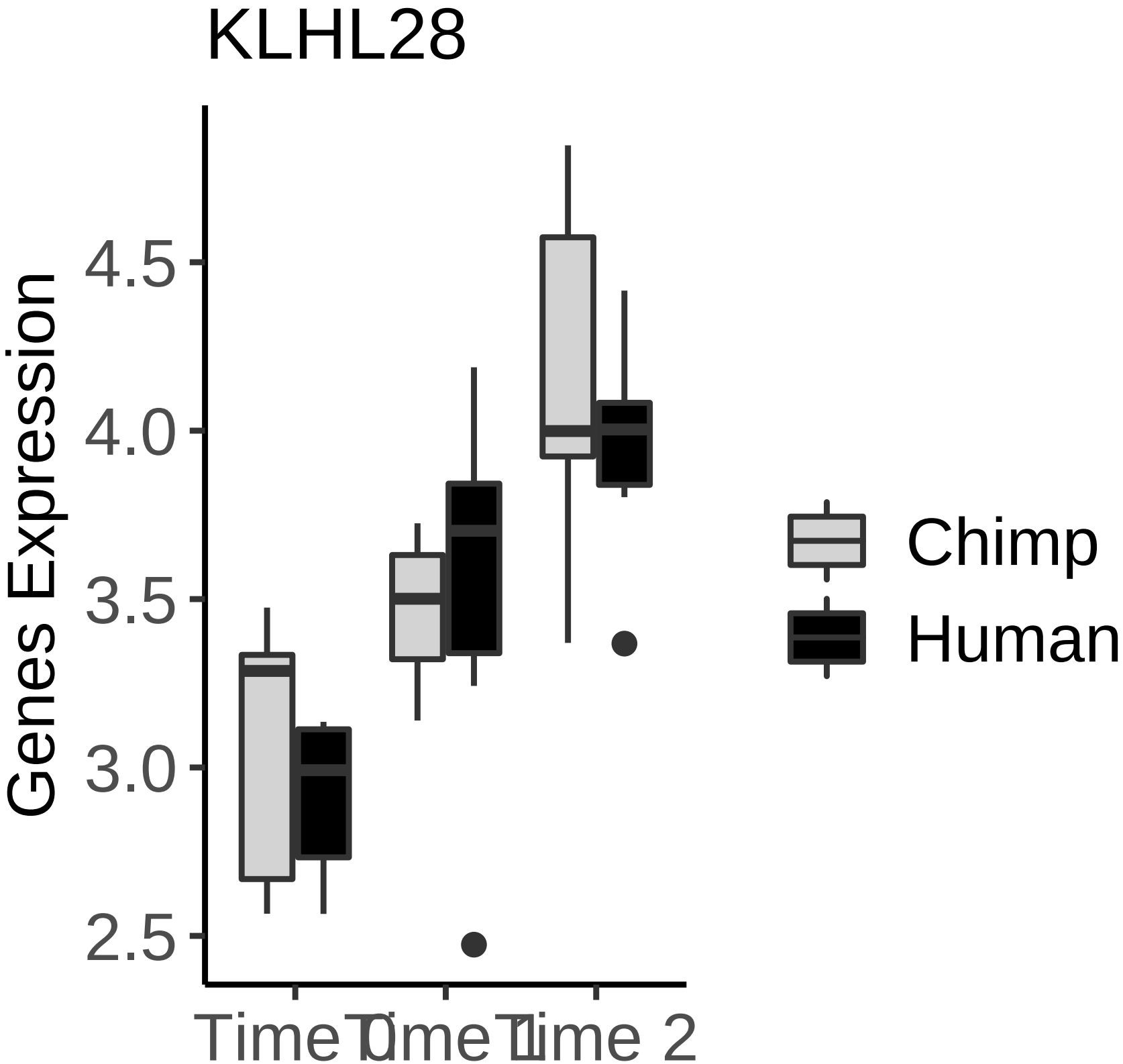

KLF9
Genes Expression
7.5
5.0
2.5
0.0
−2.5
−5.0
Time 0
Time 1
Time 2
Chimp
Human

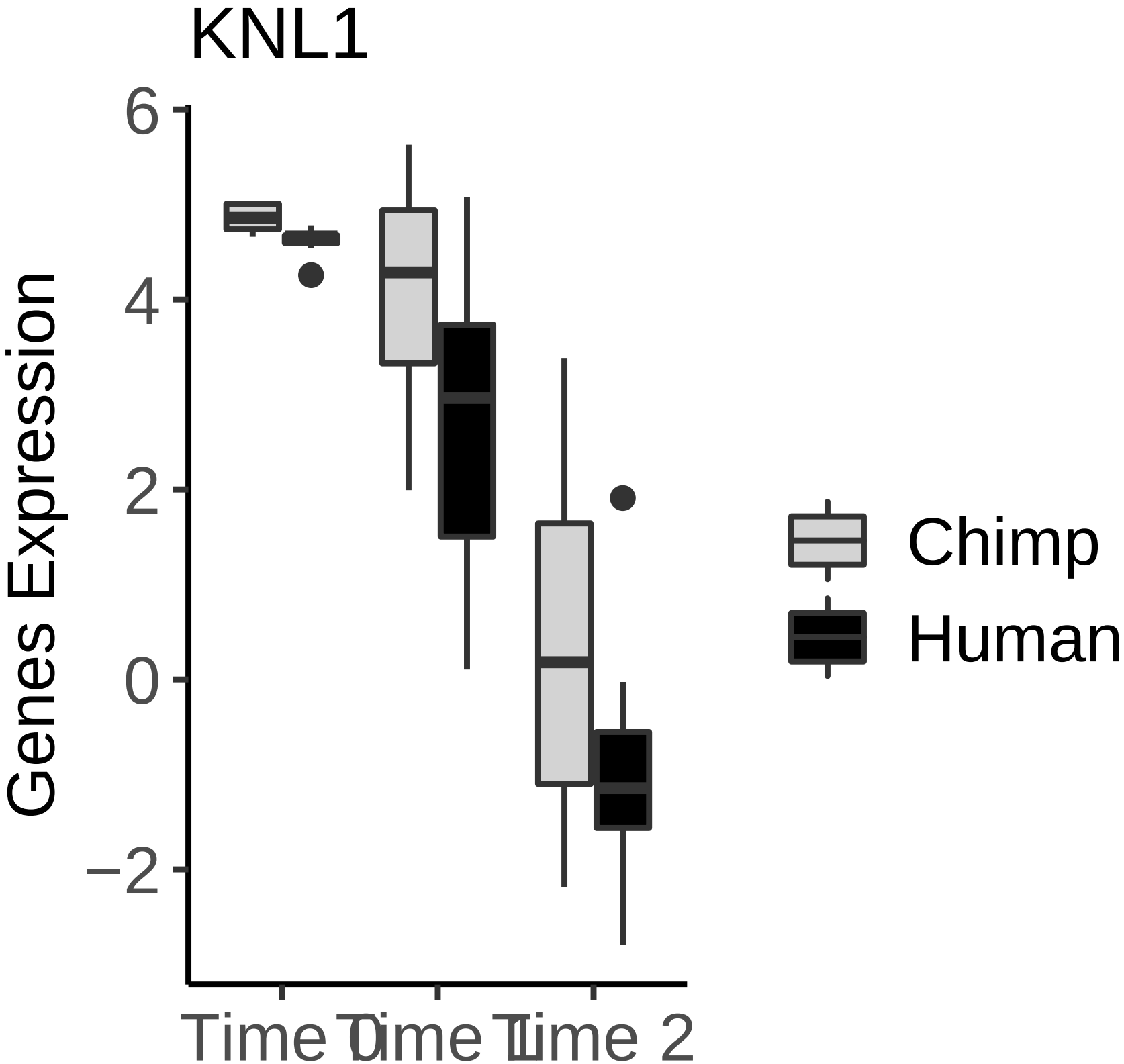

KLHDC8B
Genes Expression
6
5
4
3
Time 0
Time 1
Time 2
Chimp
Human

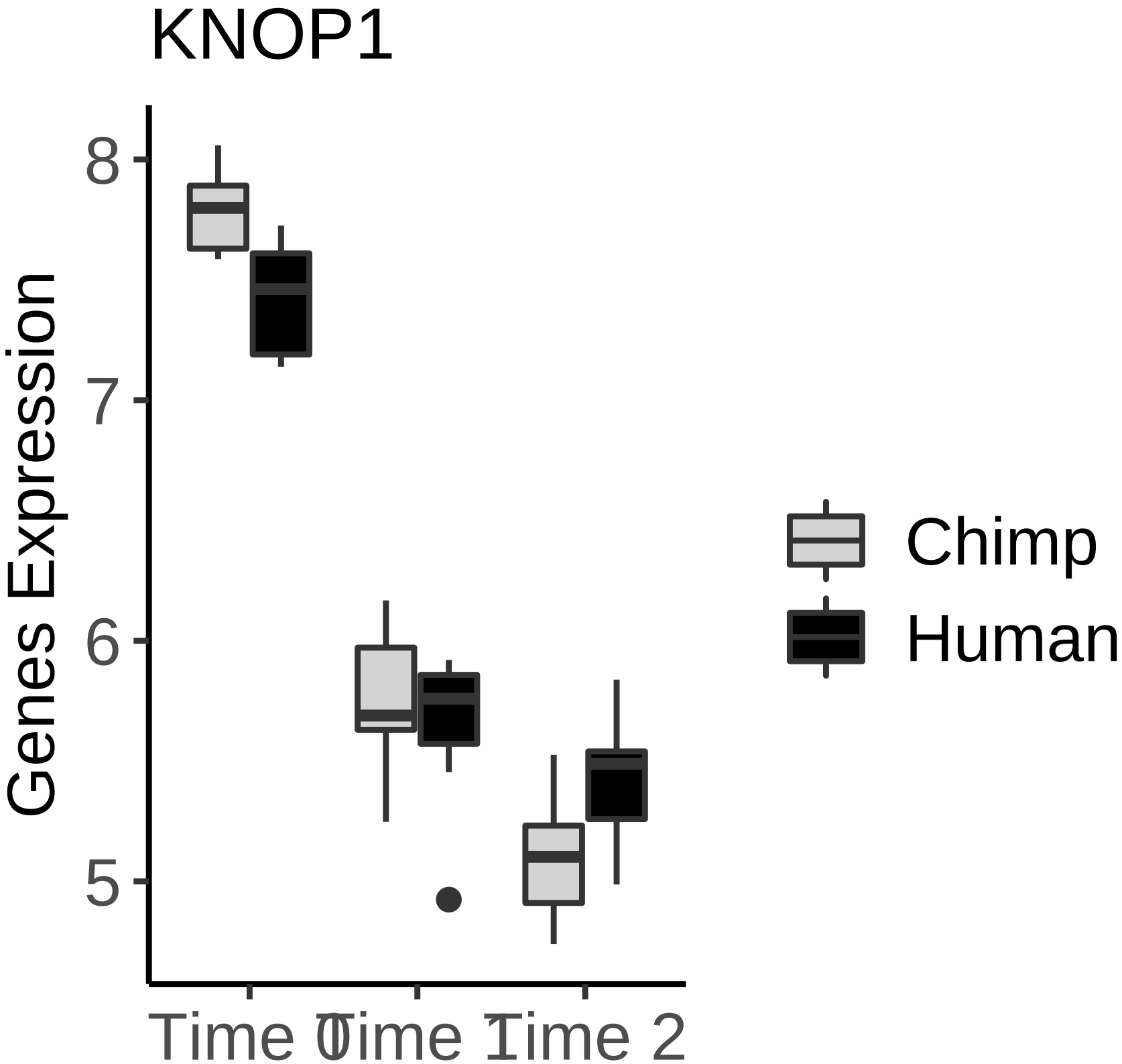

KLHL22
Genes Expression
4
3
2
Time 0
Time 1
Time 2
Chimp
Human

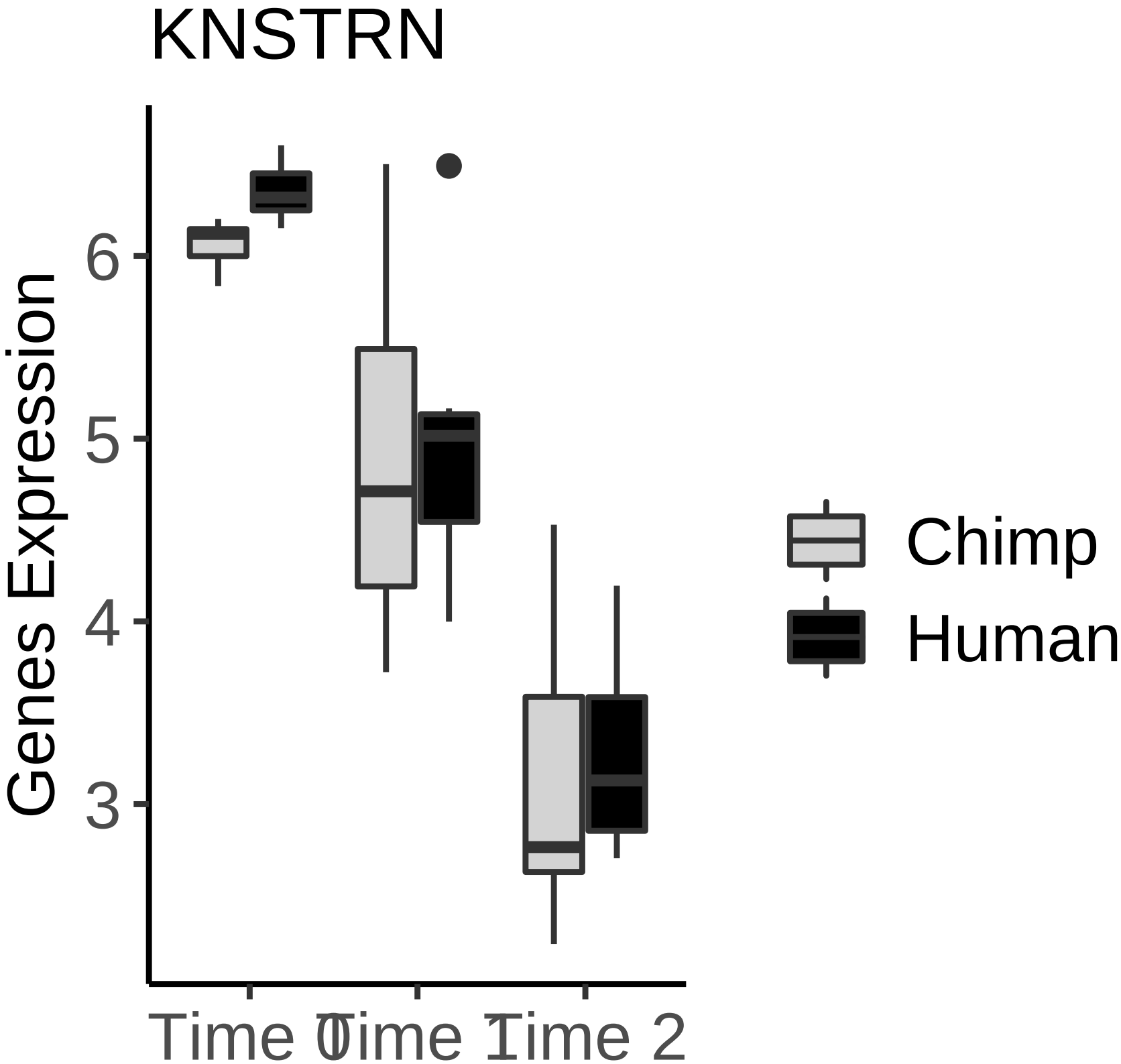

KLHL23
Genes Expression
7.5
5.0
2.5
0.0
−2.5
Time 0
Time 1
Time 2
Chimp
Human

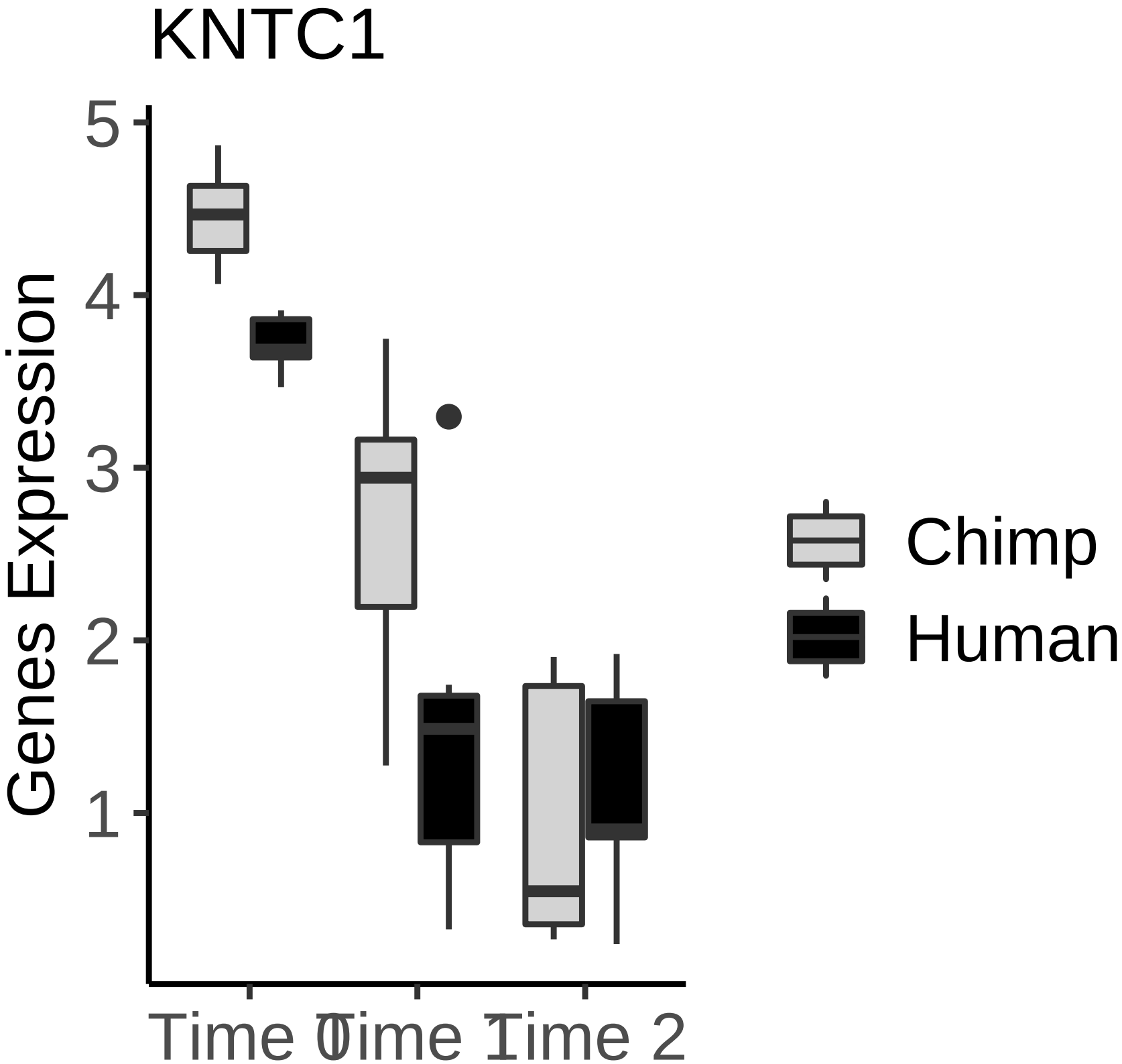

KLHL26
Genes Expression
3.0
2.5
2.0
1.5
1.0
Time 0
Time 1
Time 2
Chimp
Human

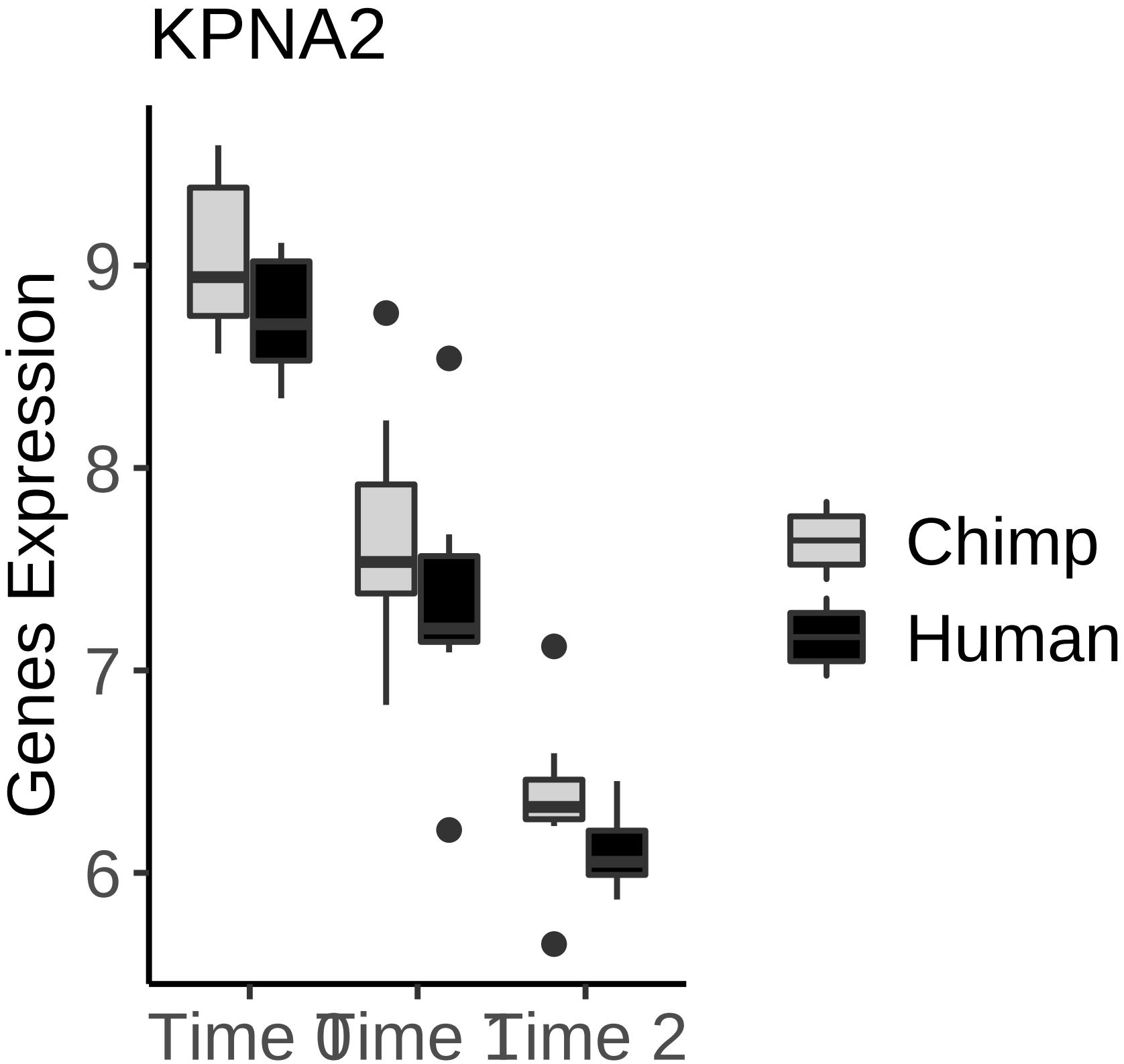

KLHL28
Genes Expression
4.5
4.0
3.5
3.0
2.5
Time 0
Time 1
Time 2
Chimp
Human

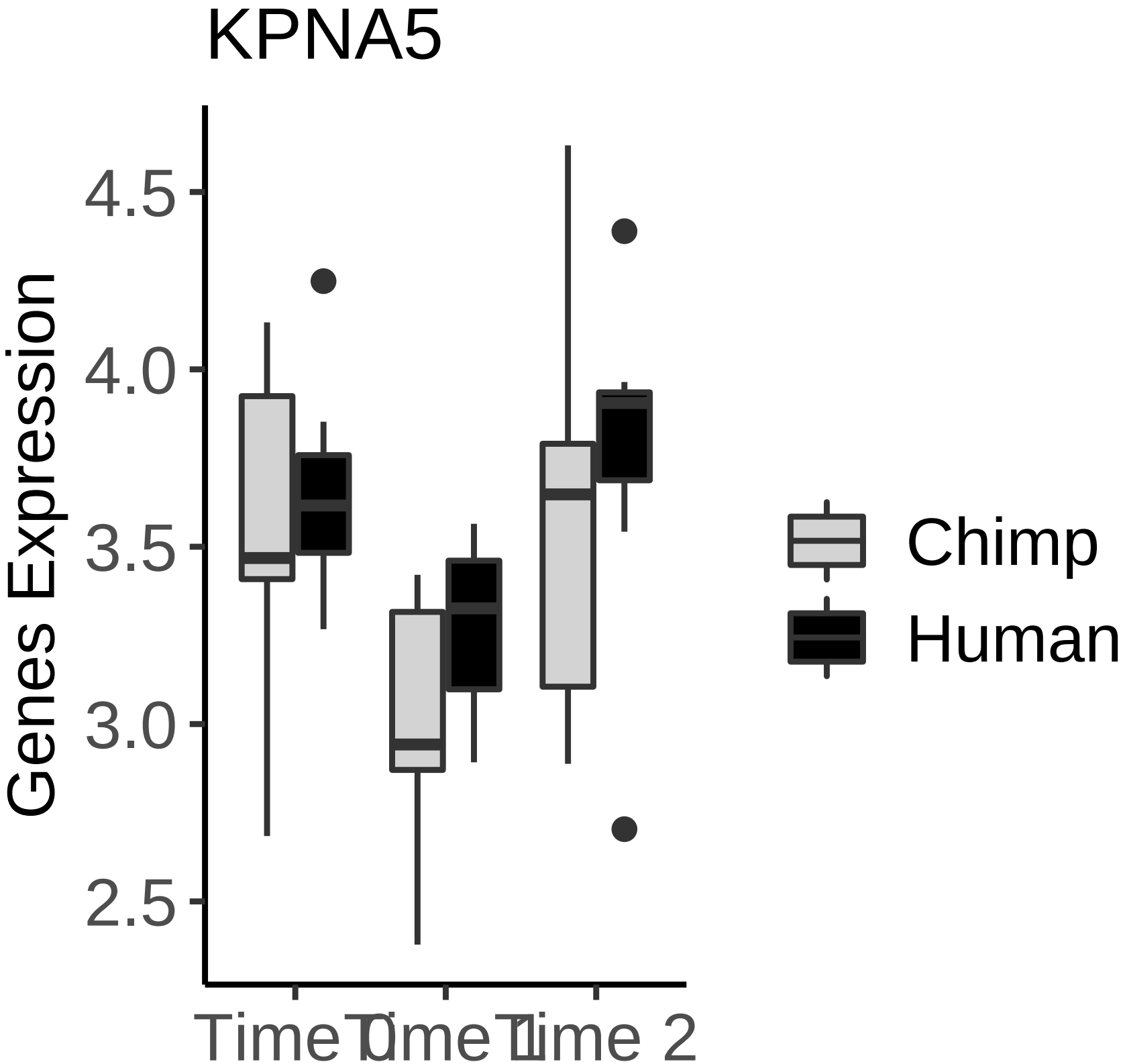

KNL1
Genes Expression
6
4
2
0
−2
Time 0
Time 1
Time 2
Chimp
Human

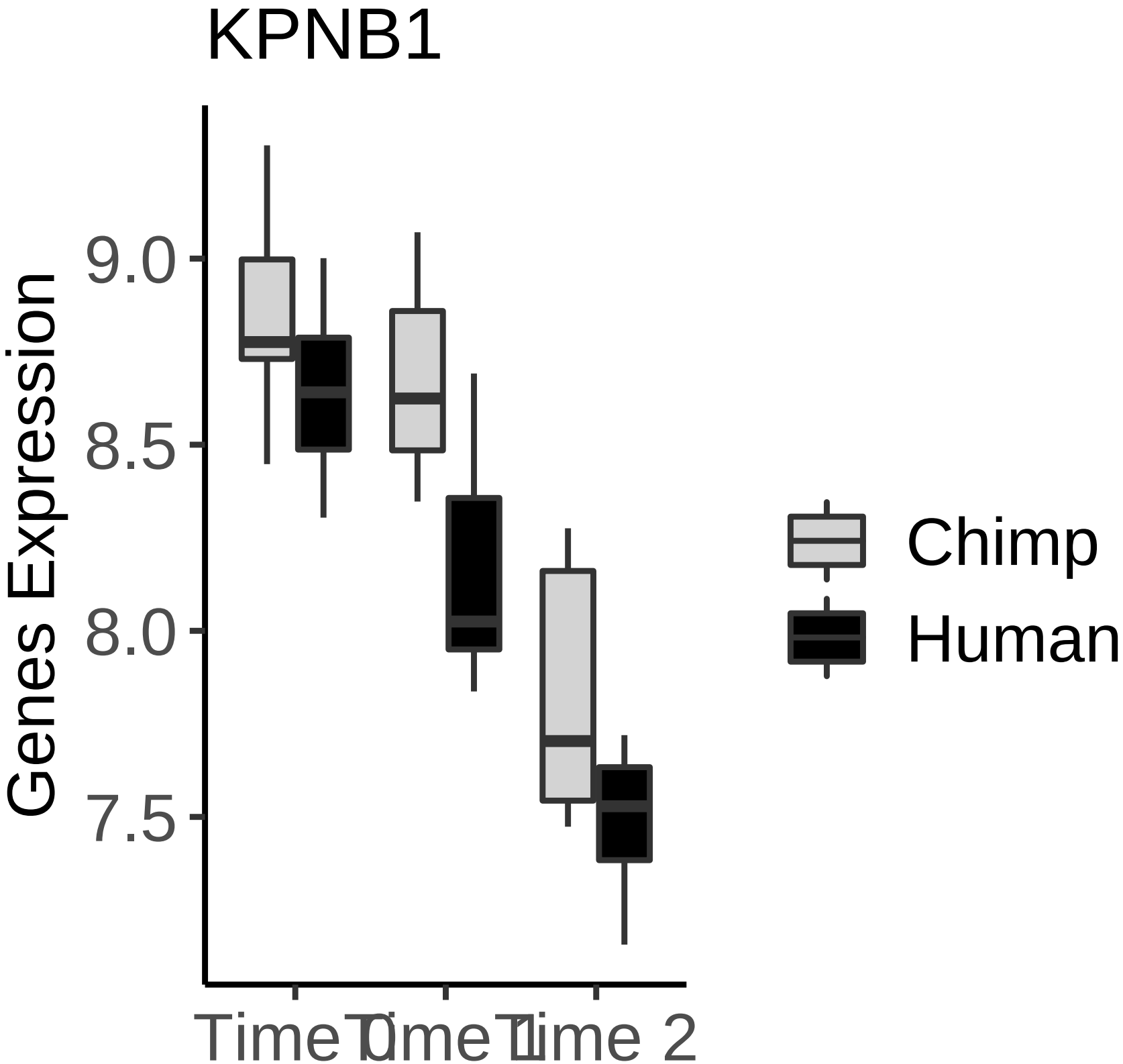

KNOP1
Genes Expression
8
7
6
5
Time 0
Time 1
Time 2
Chimp
Human

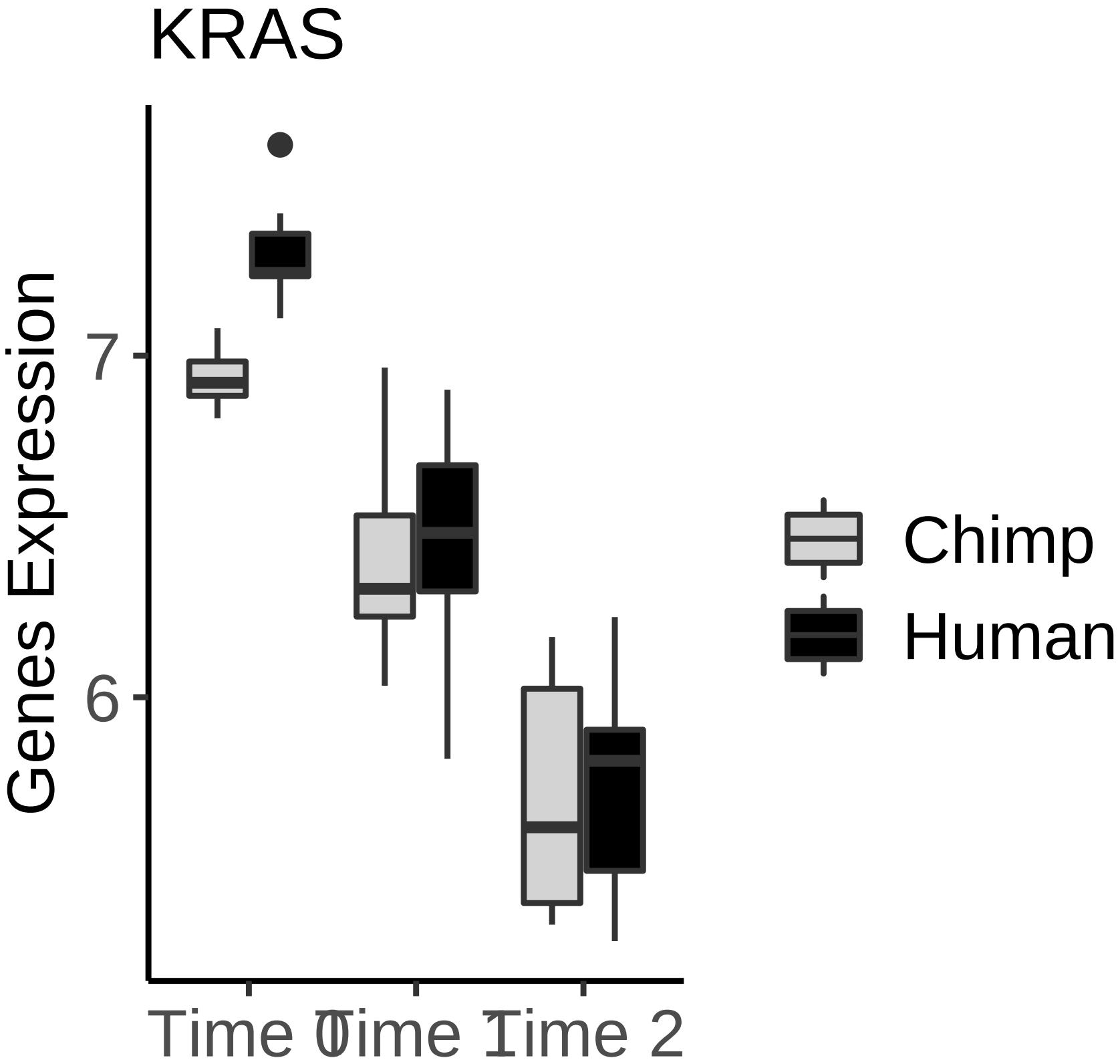

KNSTRN
Genes Expression
6
5
4
3
Time 0
Time 1
Time 2
Chimp
Human

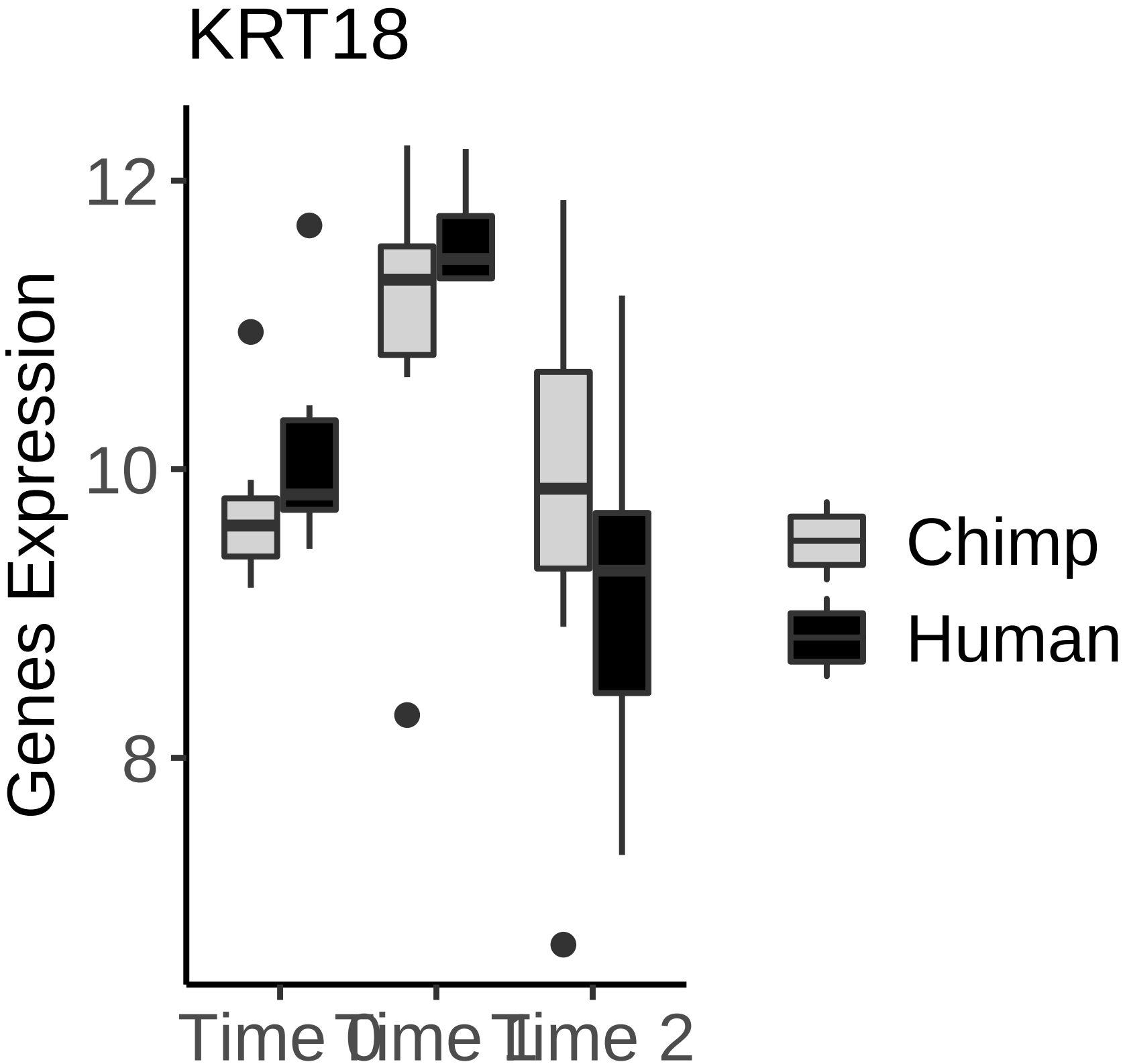

KNTC1
Genes Expression
5
4
3
2
1
Time 0
Time 1
Time 2
Chimp
Human

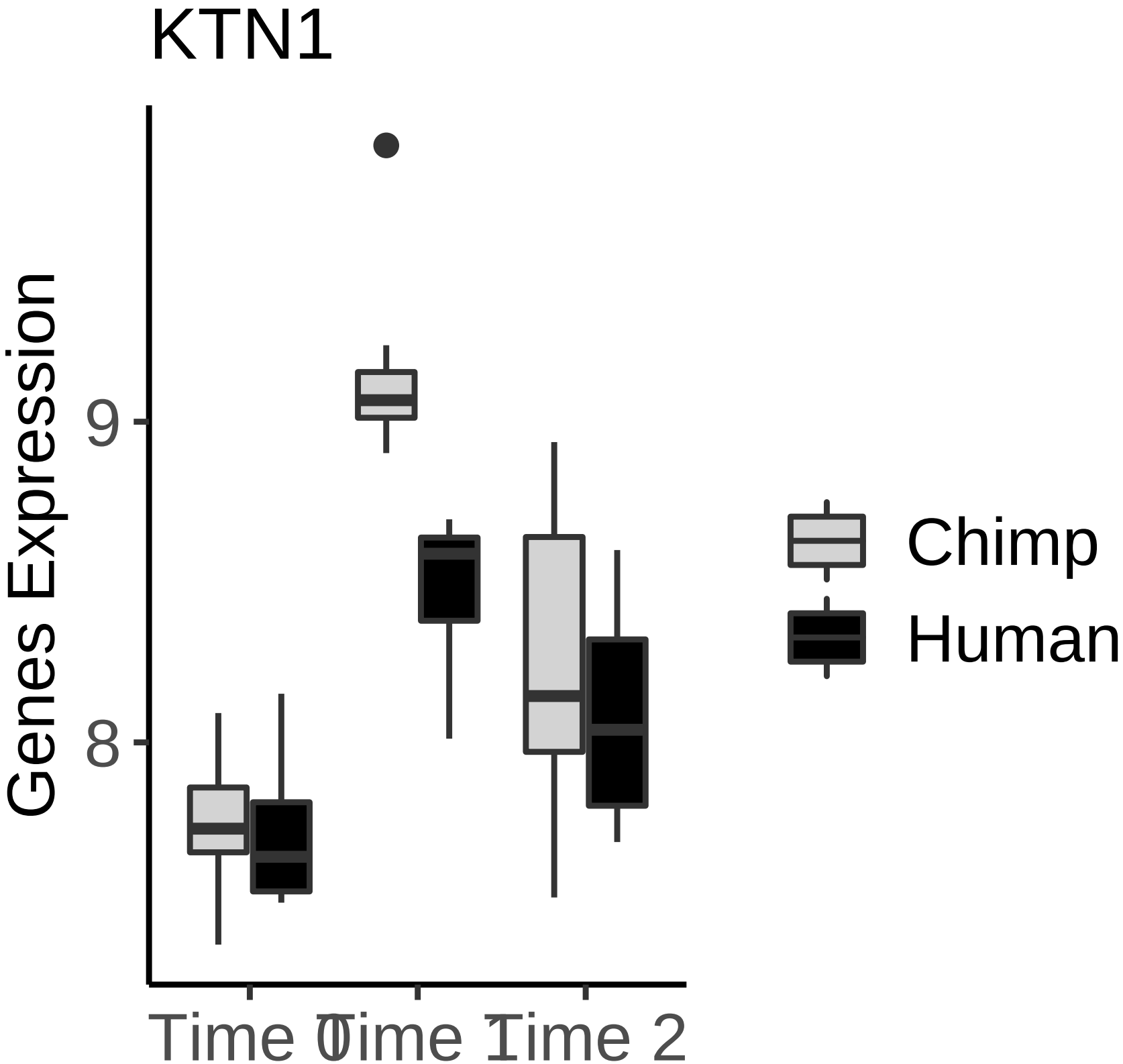

KPNA2
Genes Expression
9
8
7
6
Time 0
Time 1
Time 2
Chimp
Human

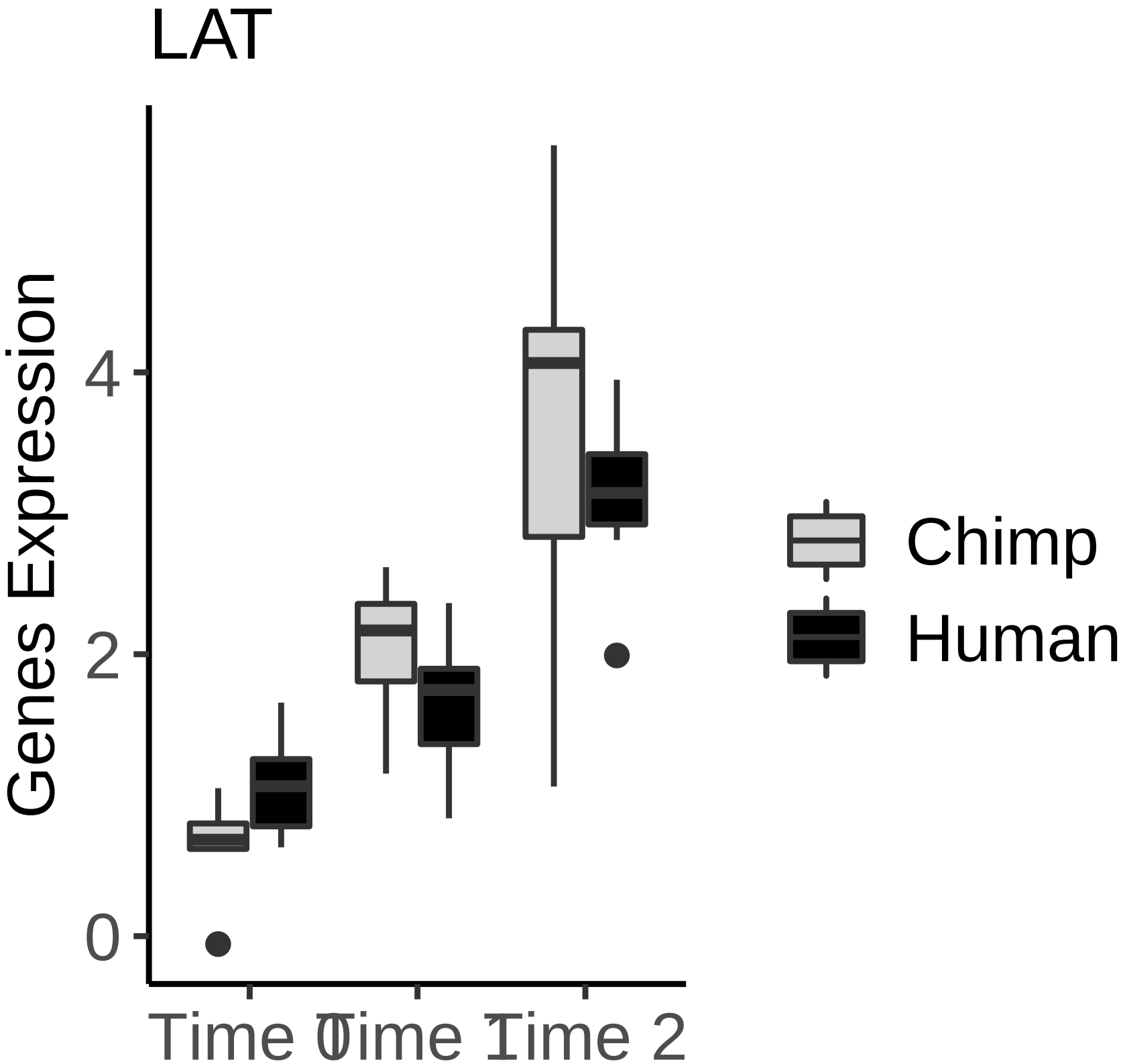

KPNA5
Genes Expression
4.5
4.0
3.5
3.0
2.5
Time 0
Time 1
Time 2
Chimp
Human

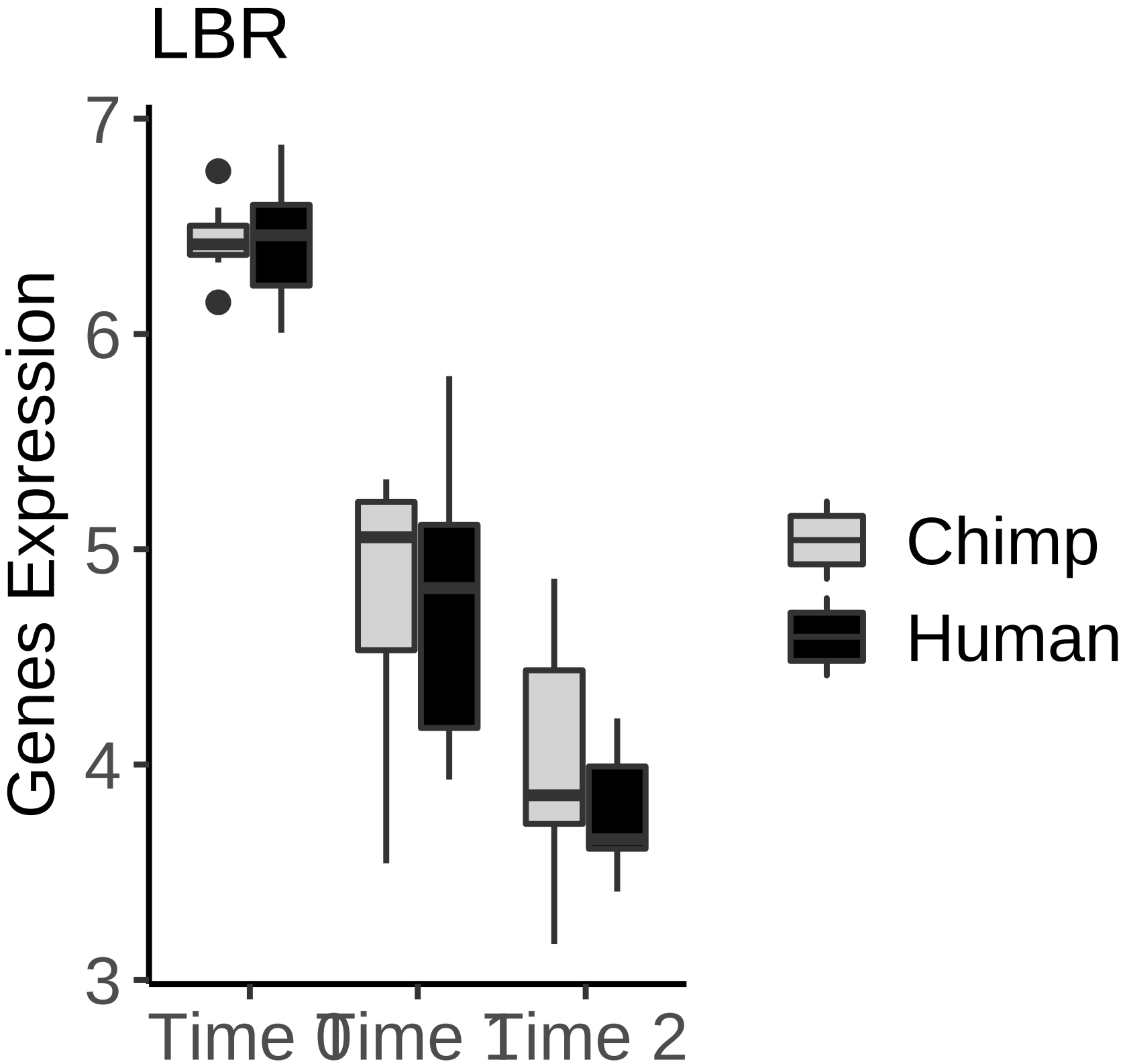

KPNB1
Genes Expression
9.0
8.5
8.0
7.5
Time 0
Time 1
Time 2
Chimp
Human

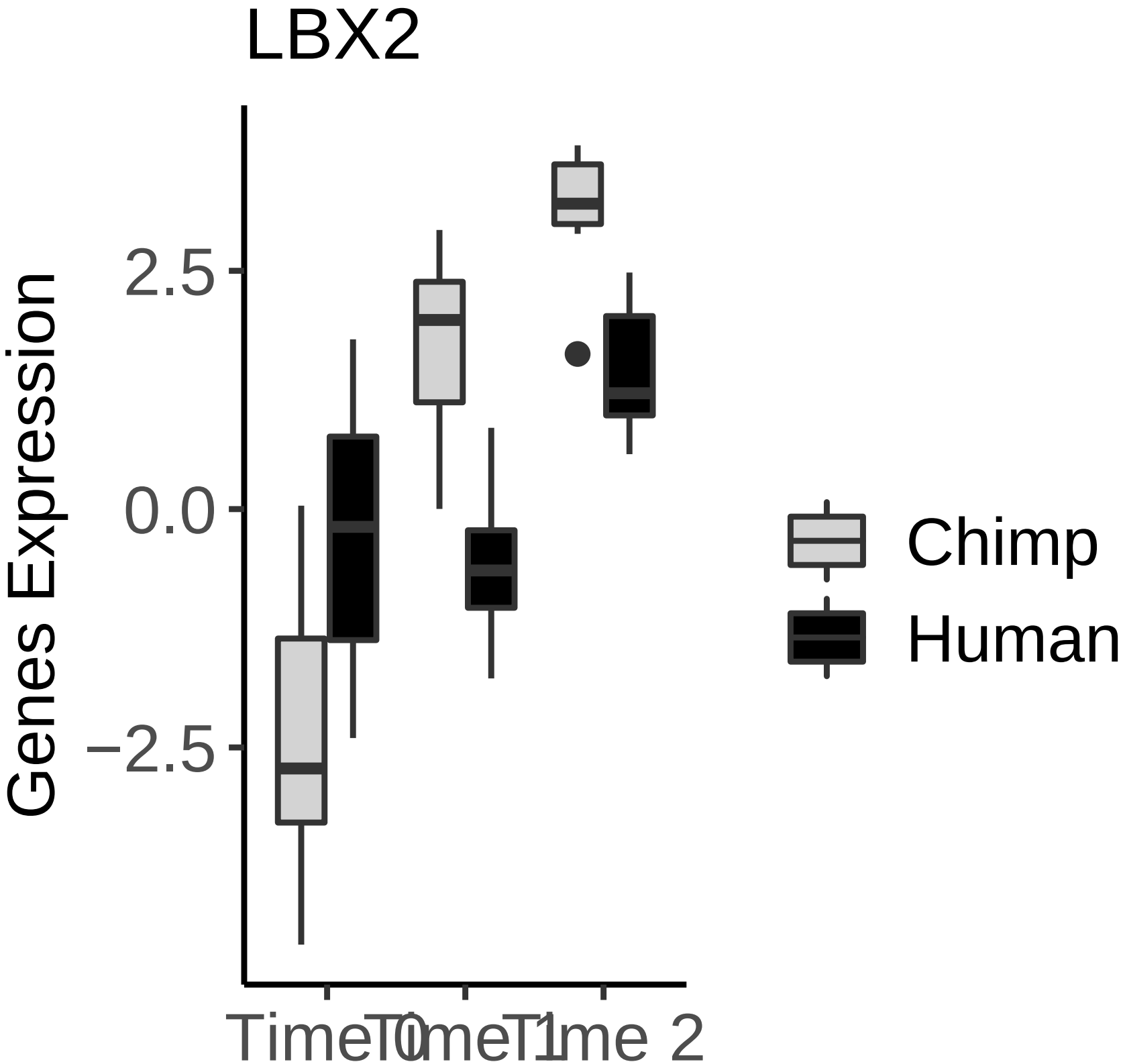

KRAS
Genes Expression
7
6
Time 0
Time 1
Time 2
Chimp
Human

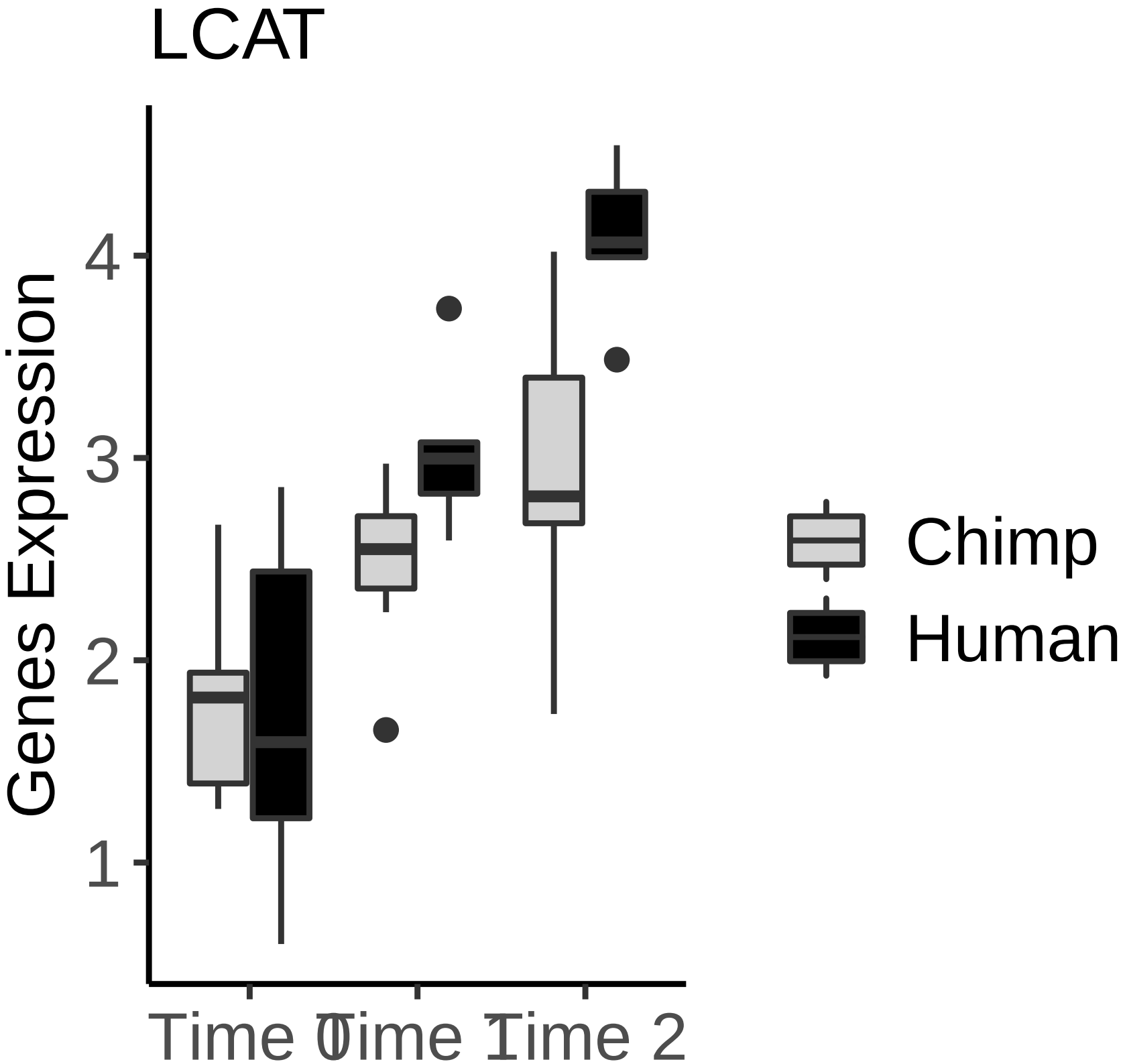

KRT18
Genes Expression
12
10
8
Time 0
Time 1
Time 2
Chimp
Human

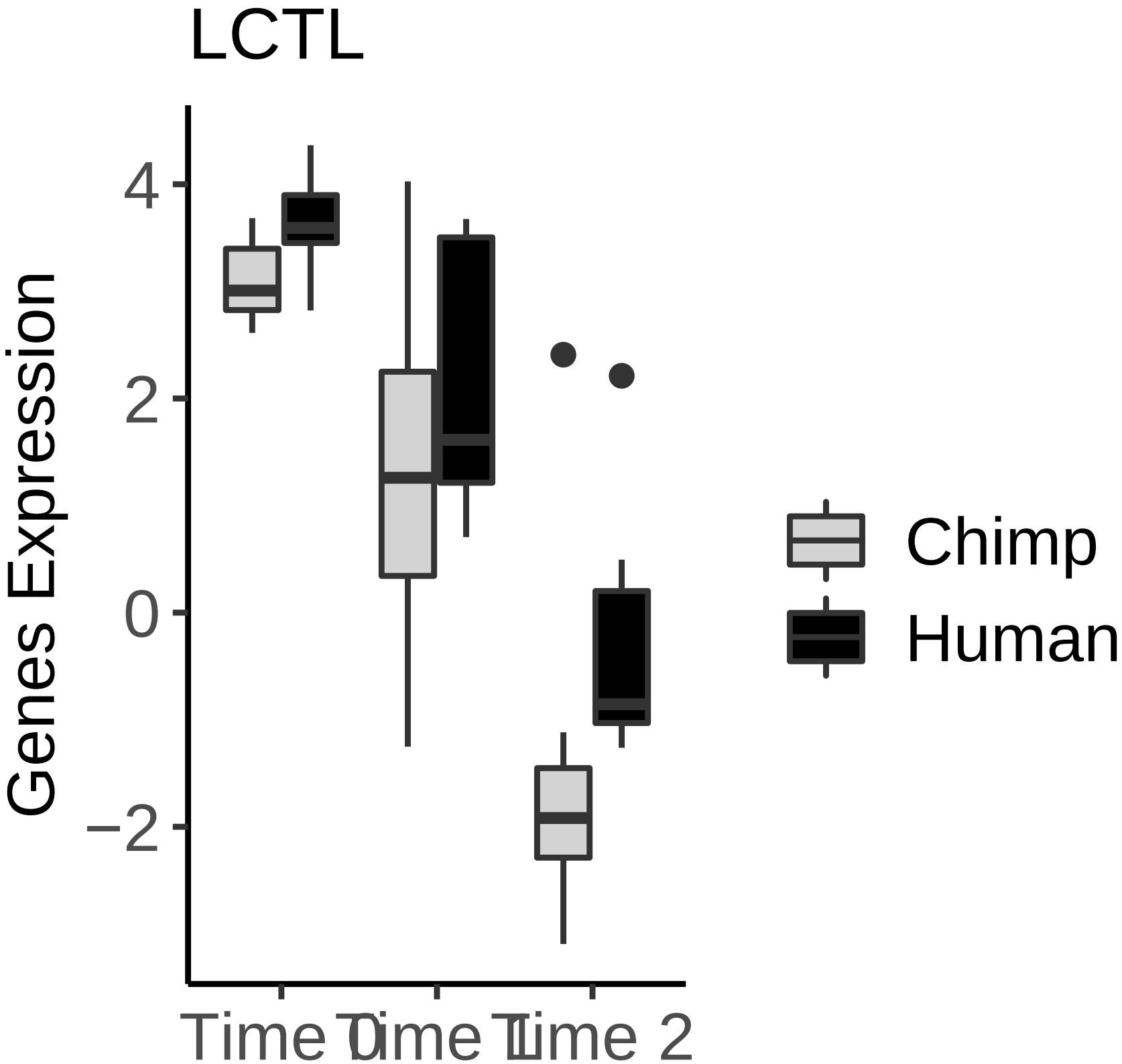

KTN1
Genes Expression
9
8
Time 0
Time 1
Time 2
Chimp
Human

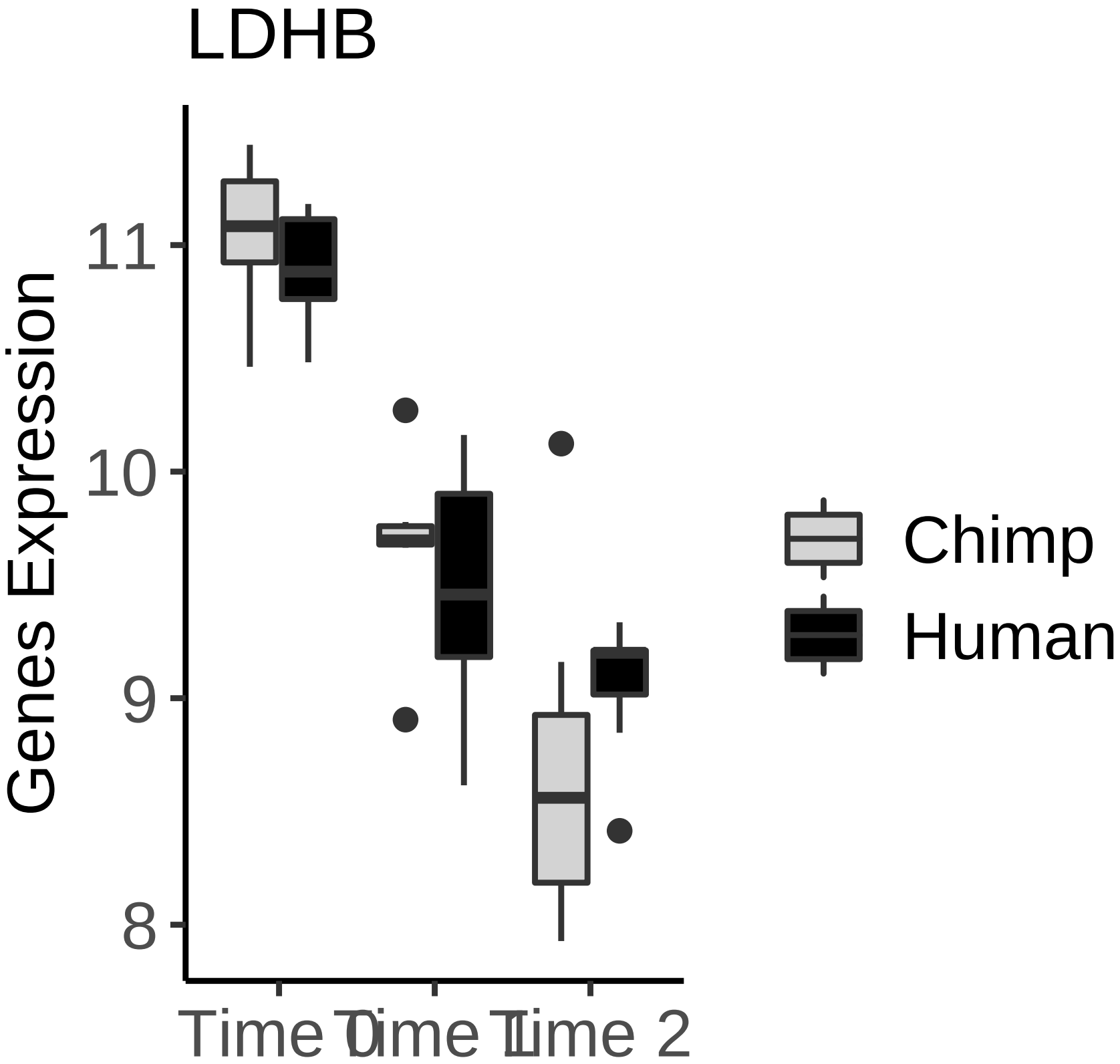

LAT
Genes Expression
0
2
4
Time 0
Time 1
Time 2
Chimp
Human

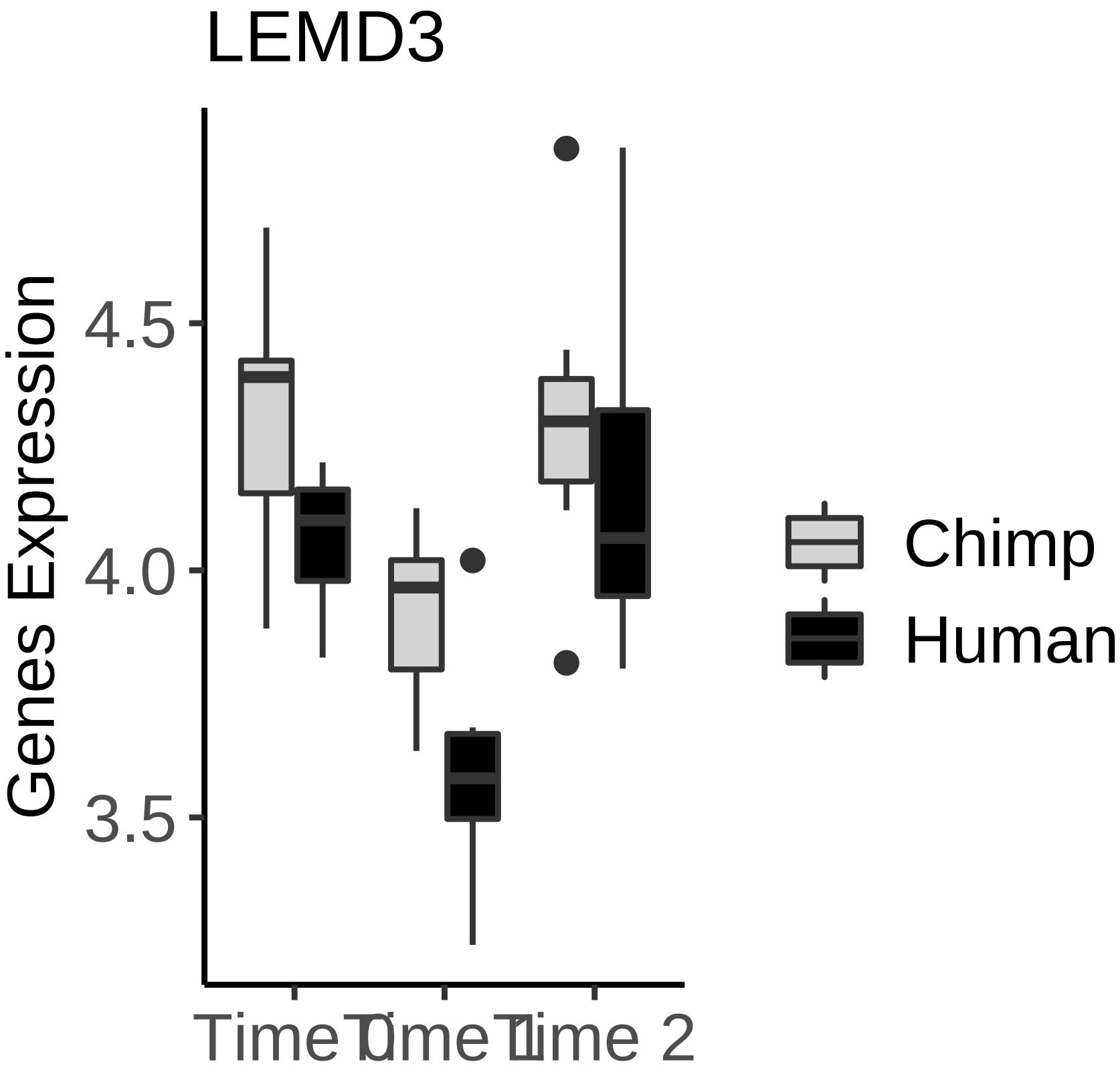

LBR
Genes Expression
7
6
5
4
3
Time 0
Time 1
Time 2
Chimp
Human

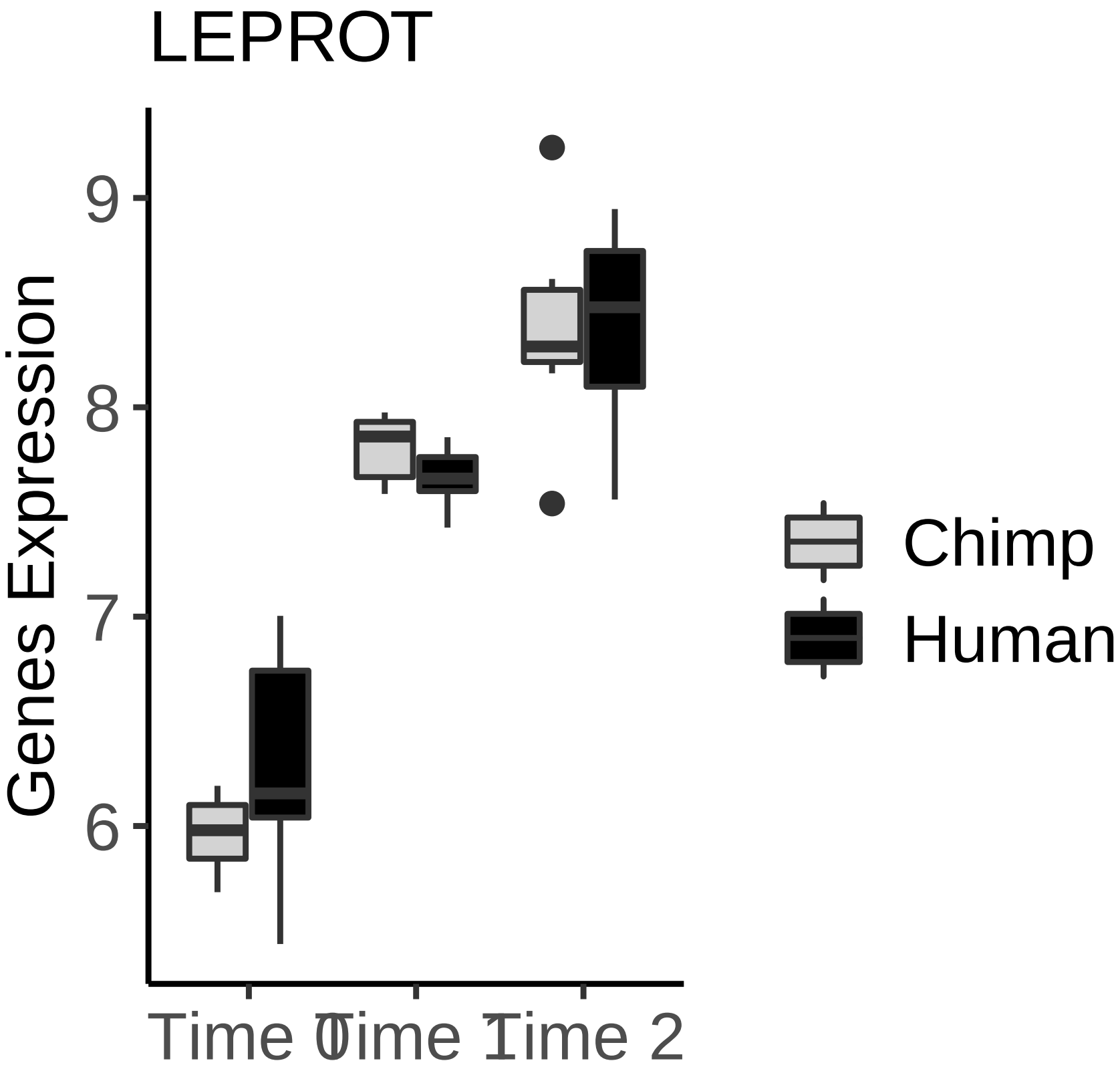

LBX2
Genes Expression
2.5
0.0
−2.5
Time 0
Time 1
Time 2
Chimp
Human

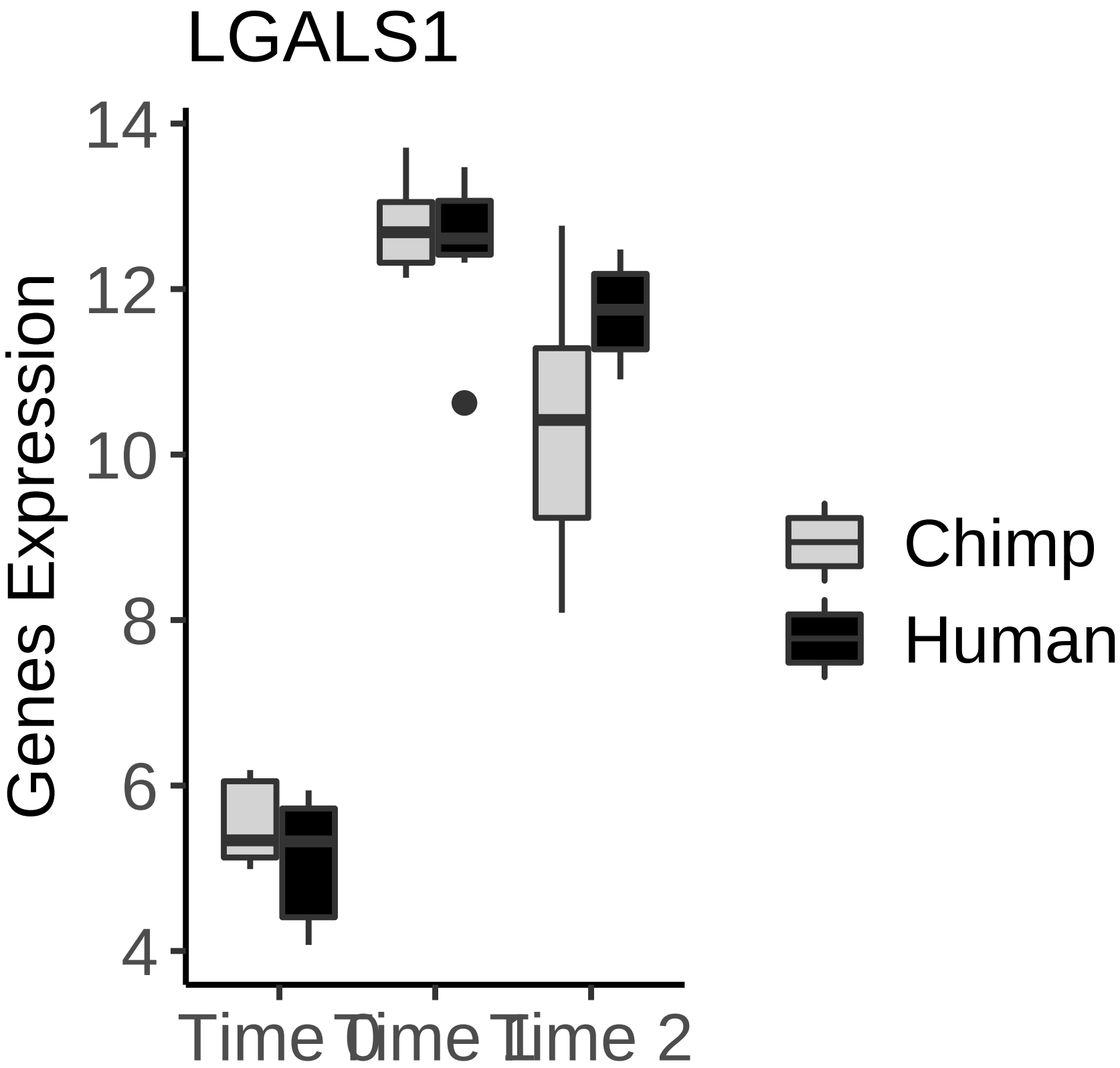

LCAT
Genes Expression
4
3
2
1
Time 0
Time 1
Time 2
Chimp
Human

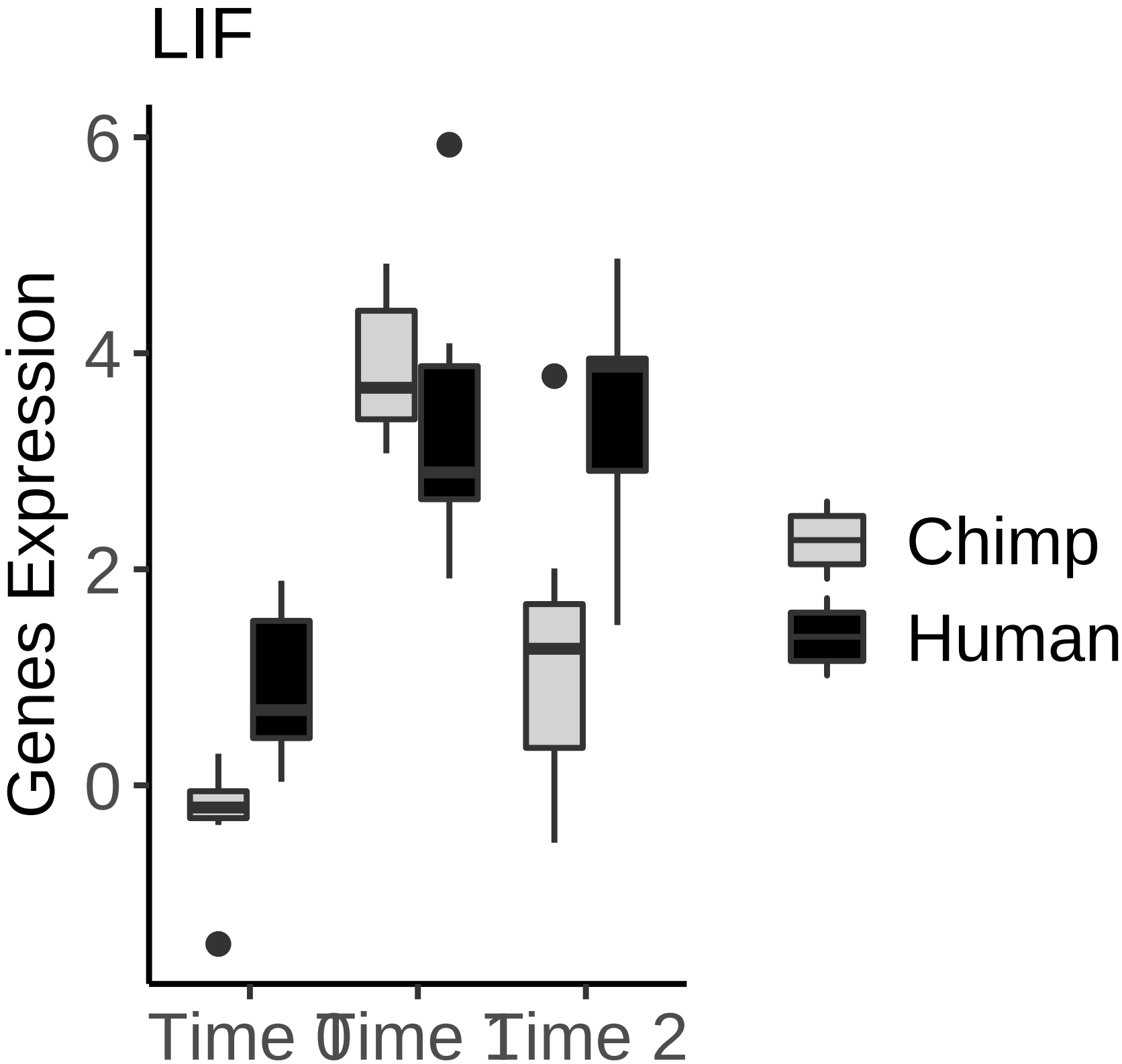

LCTL
Genes Expression
4
2
0
−2
Time 0
Time 1
Time 2
Chimp
Human

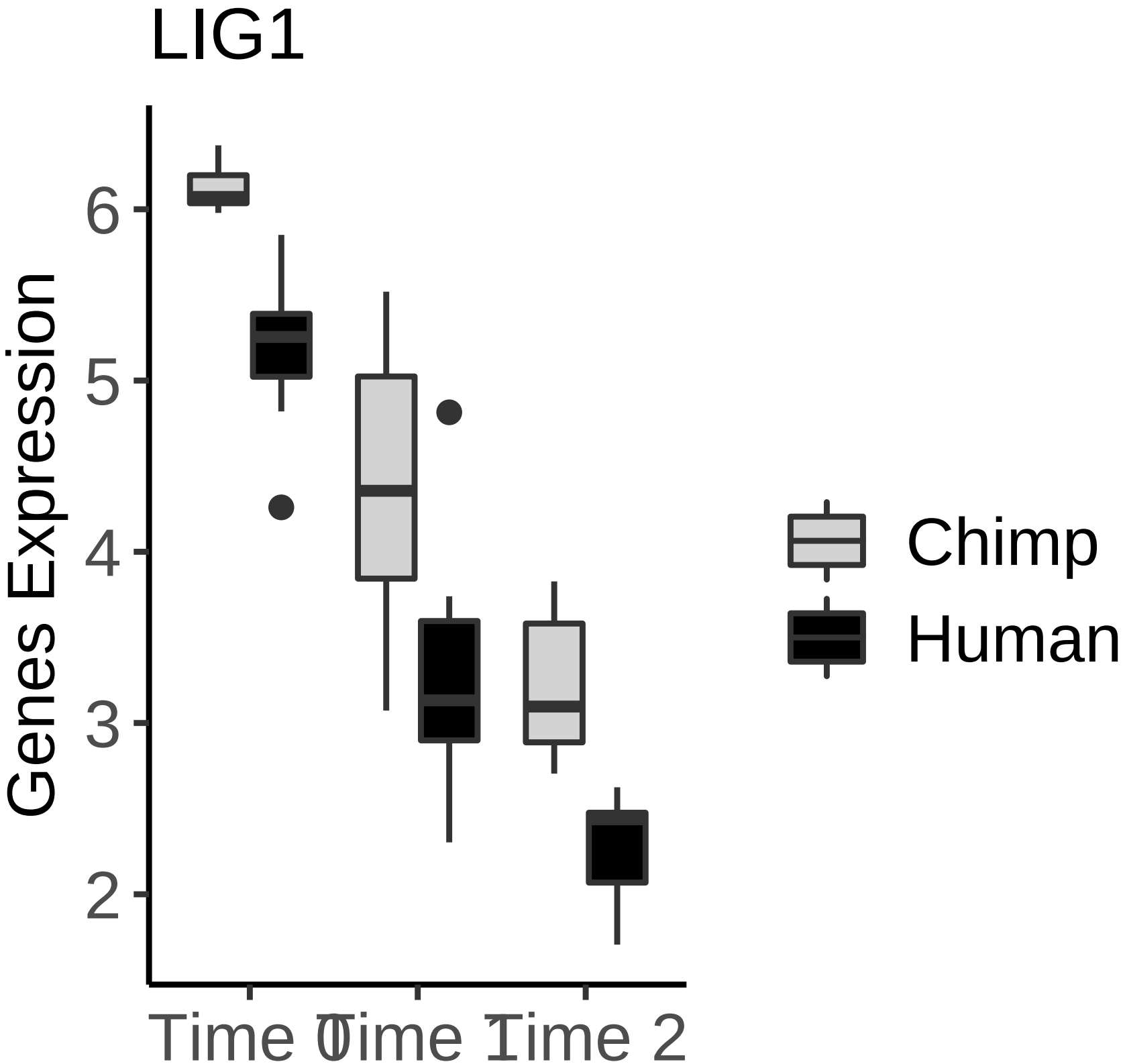

LDHB
Genes Expression
11
10
9
8
Time 0
Time 1
Time 2
Chimp
Human

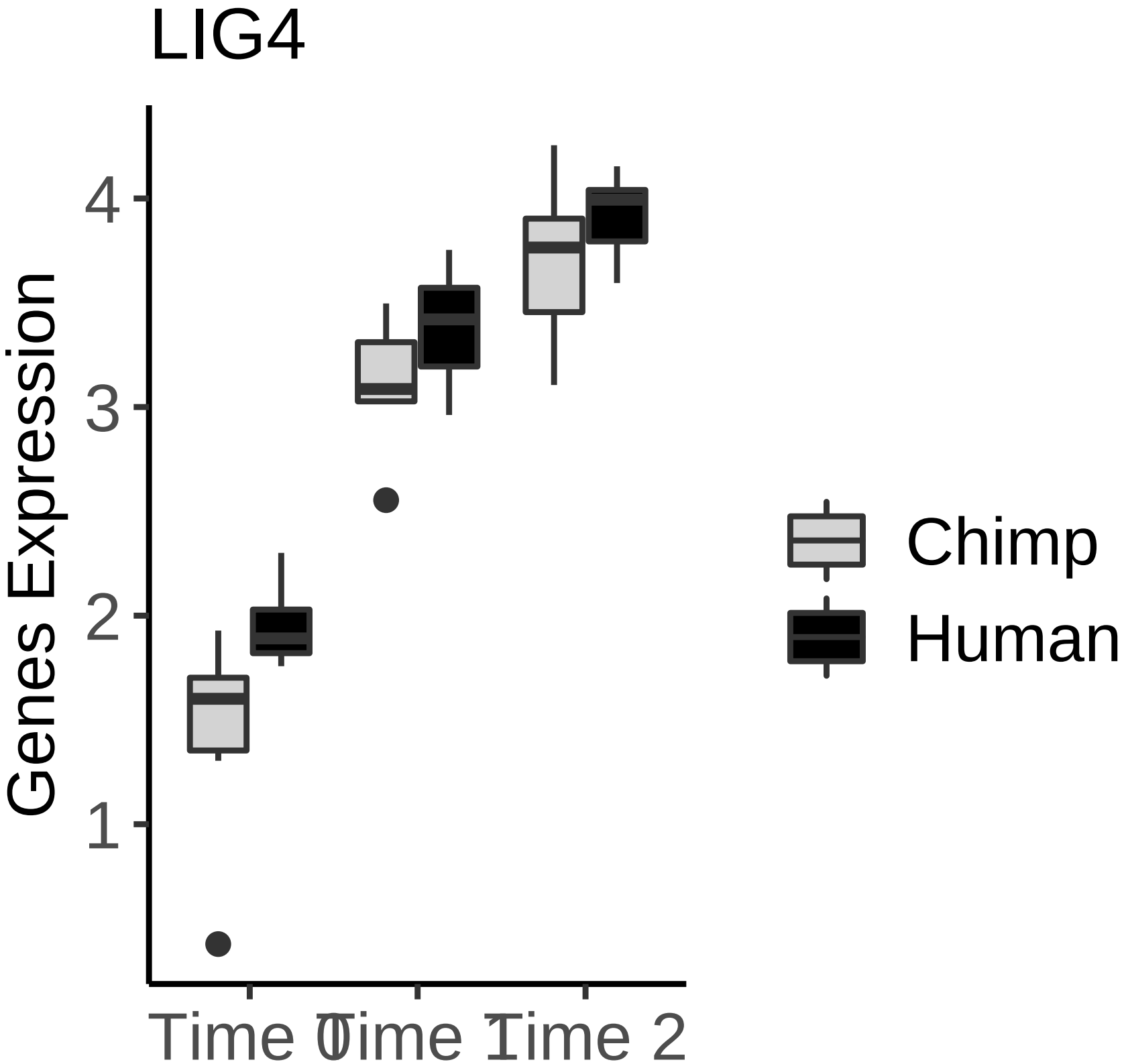

LEMD3
Genes Expression
4.5
4.0
3.5
Time 0
Time 1
Time 2
Chimp
Human

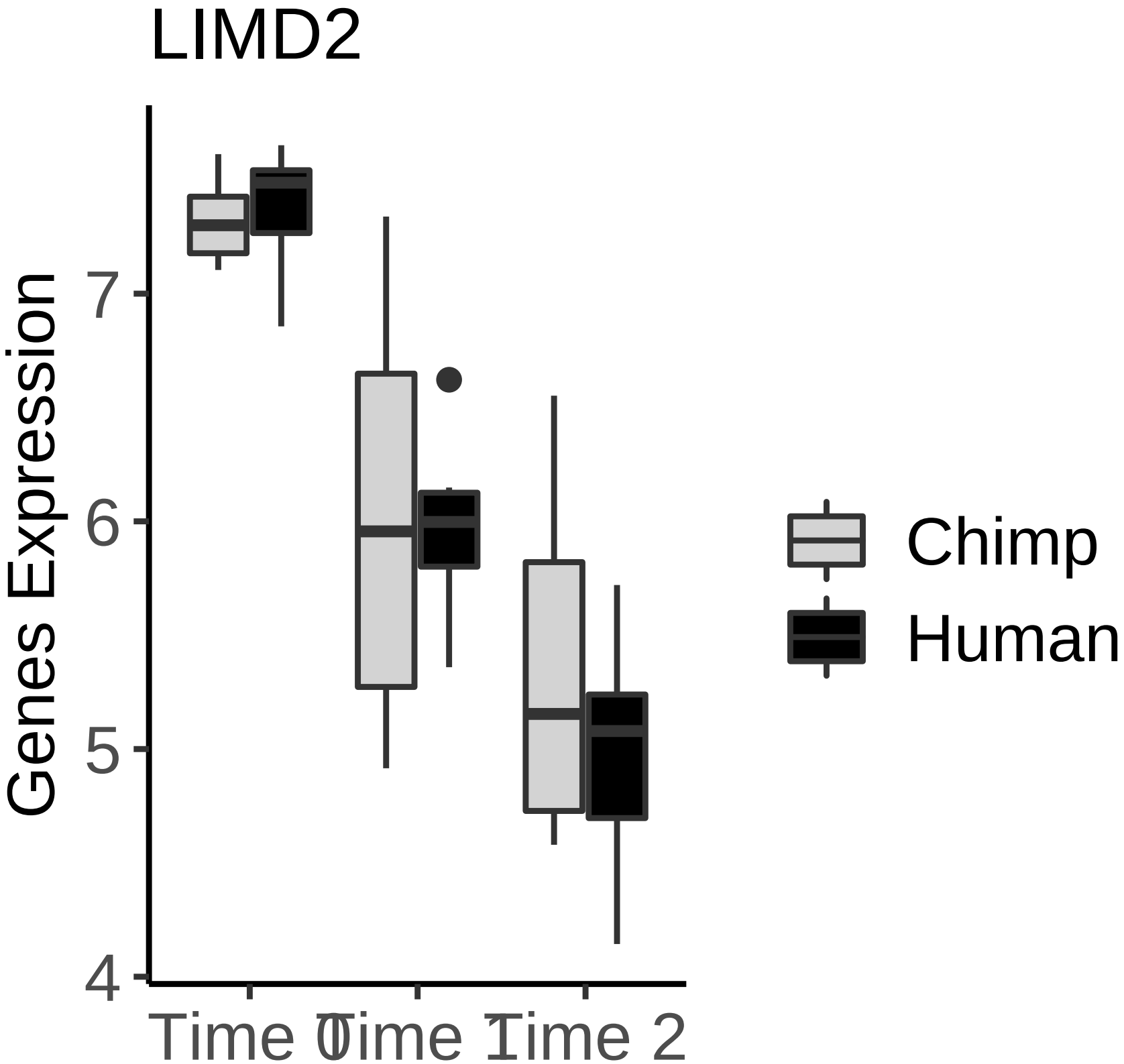

LEPROT
Genes Expression
9
8
7
6
Time 0
Time 1
Time 2
Chimp
Human

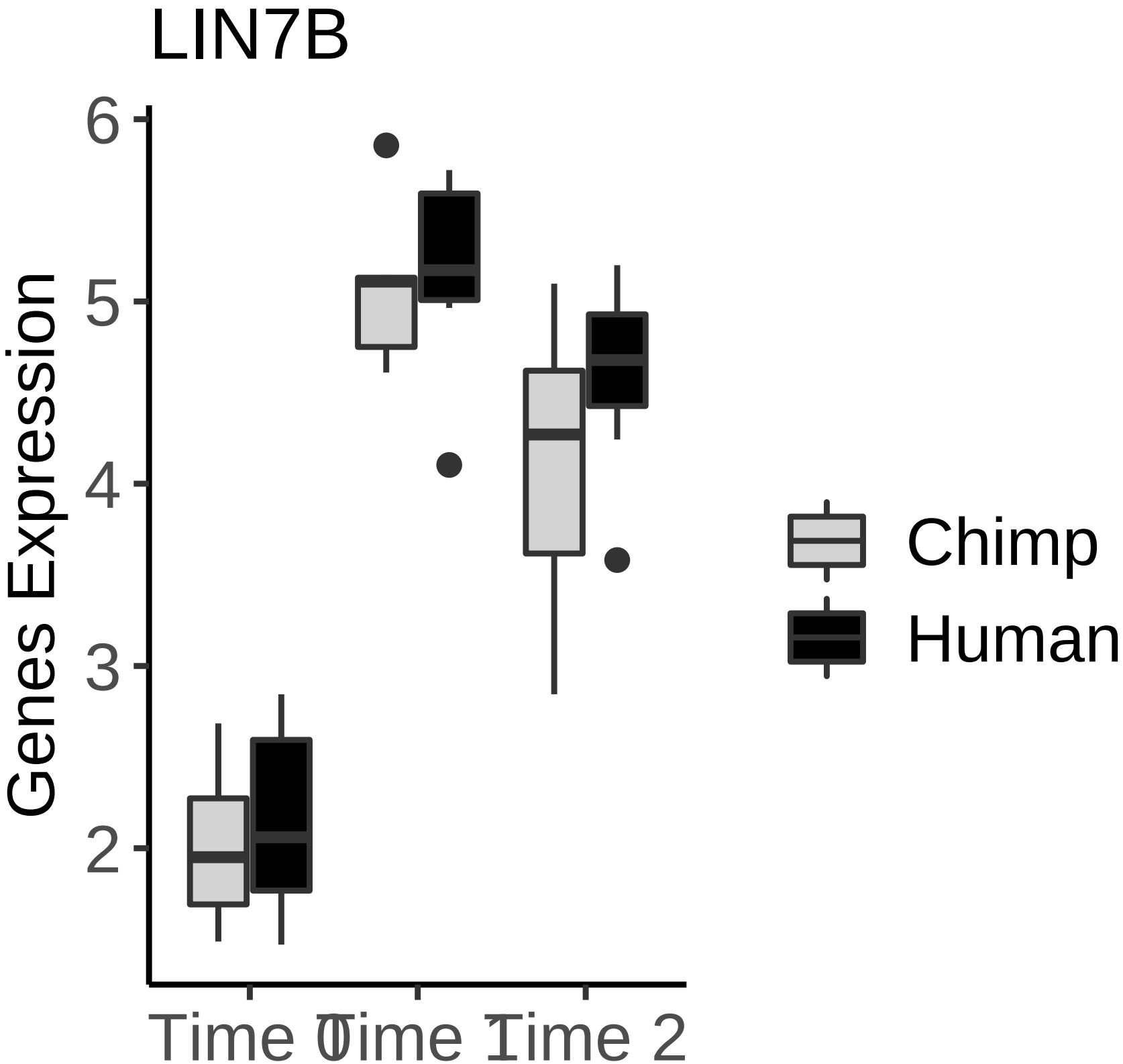

LGALS1
Genes Expression
14
12
10
8
6
4
Time 0
Time 1
Time 2
Chimp
Human


LIF
Genes Expression
6
4
2
0
Time 0
Time 1
Time 2
Chimp
Human


LIG1
Genes Expression
6
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human


LIG4
Genes Expression
4
3
2
1
Time 0
Time 1
Time 2
Chimp
Human


LIMD2
Genes Expression
7
6
5
4
Time 0
Time 1
Time 2
Chimp
Human


LIN7B
Genes Expression
6
5
4
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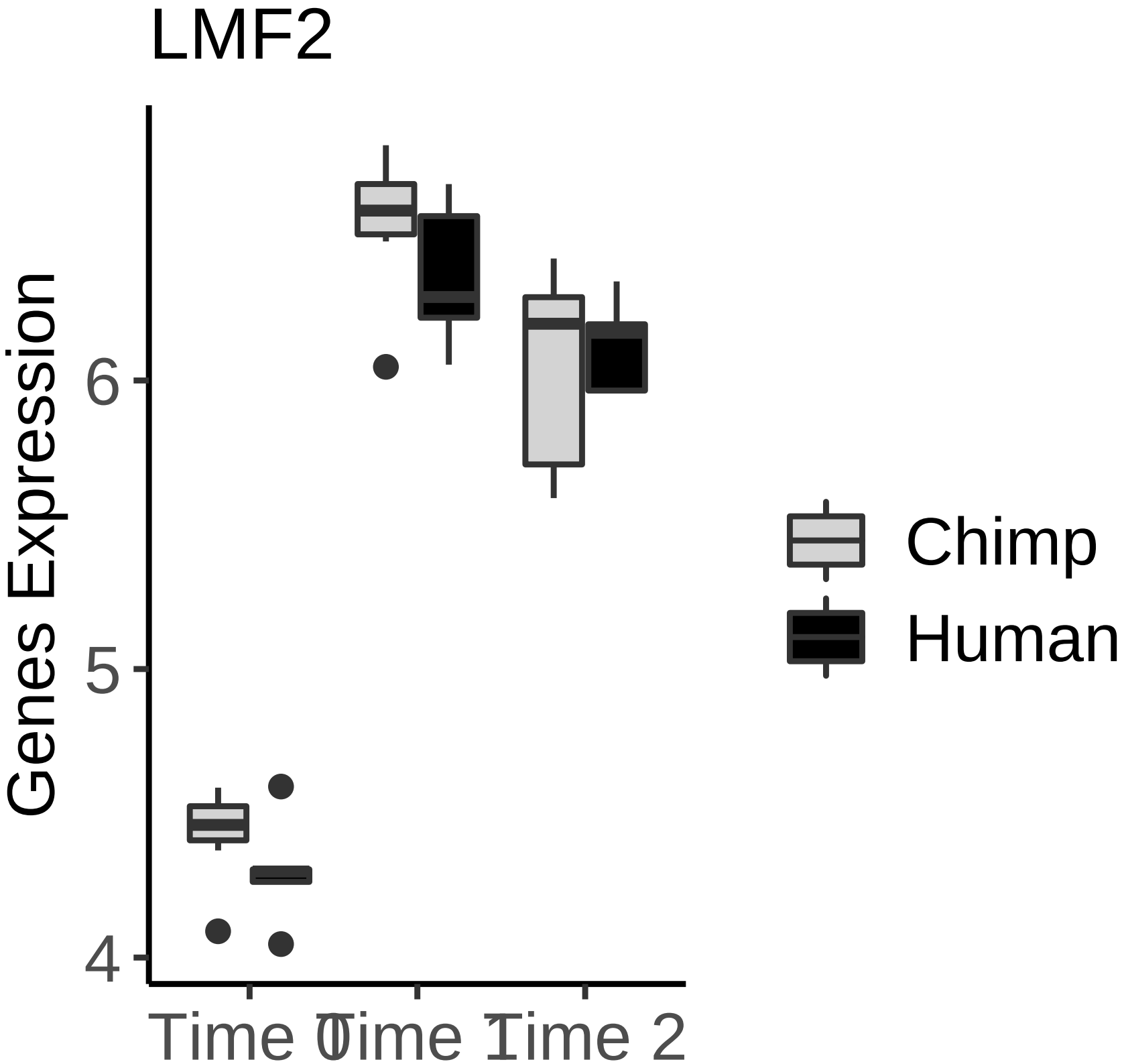
2
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
6
5
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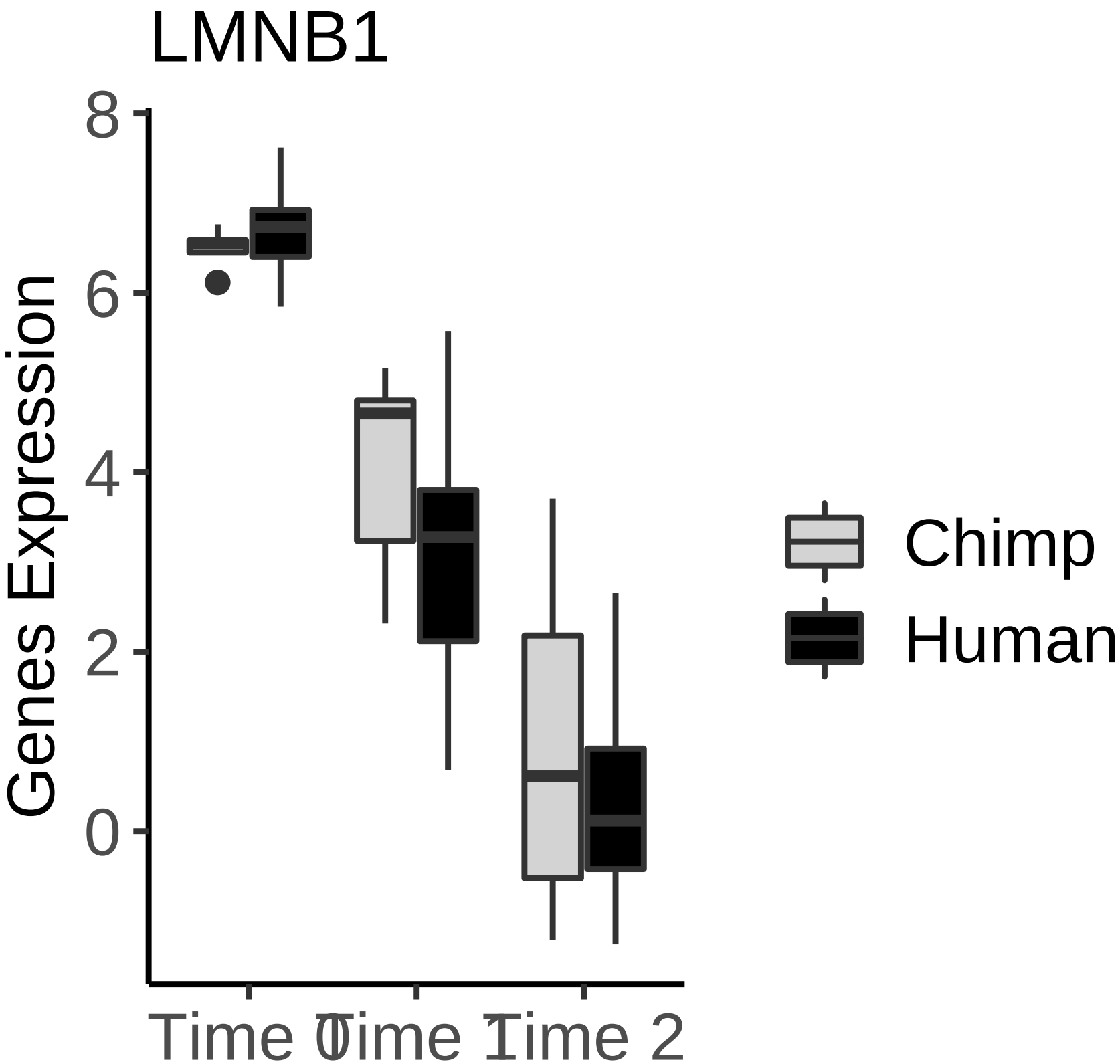
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
8
6
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0
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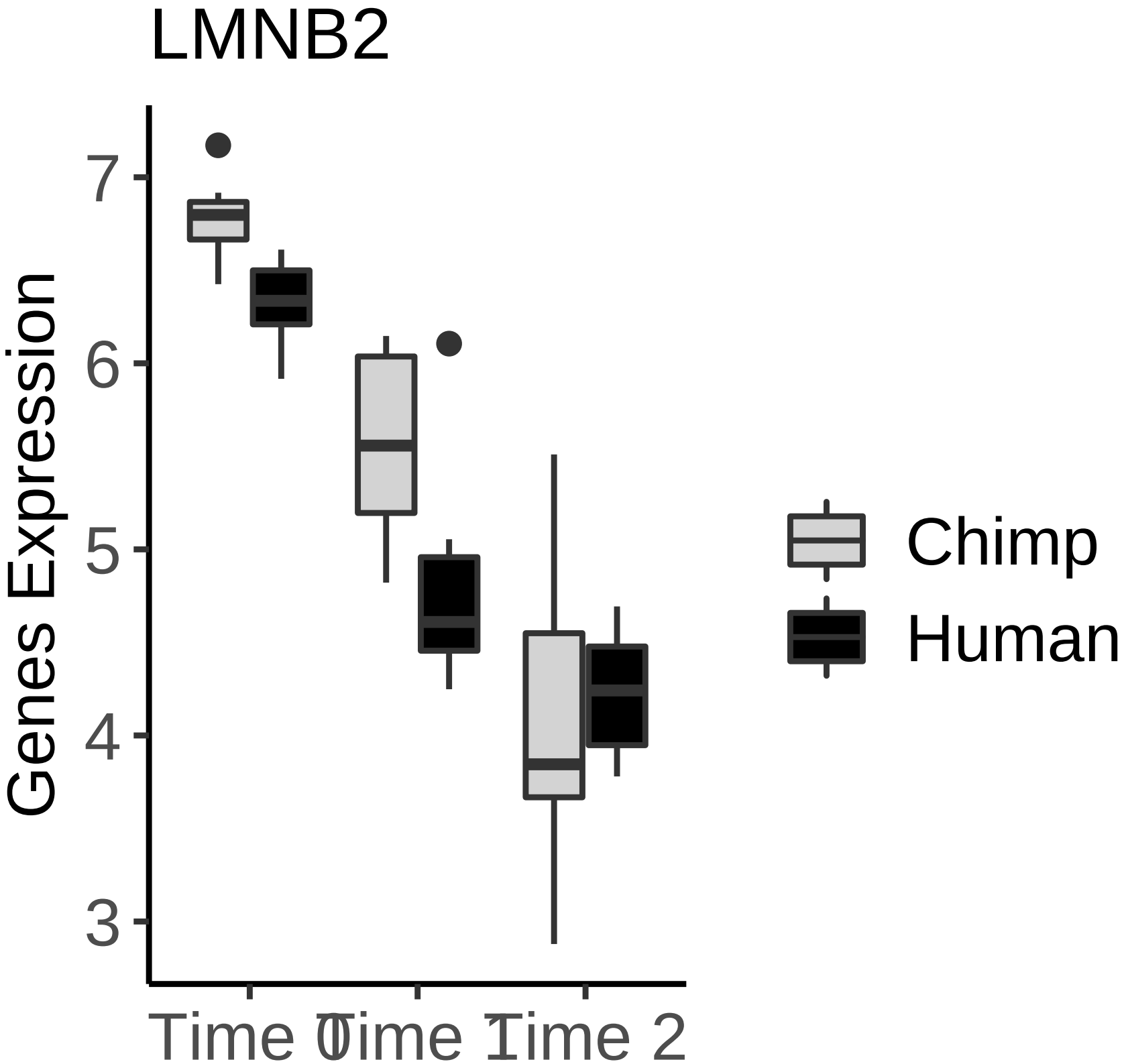
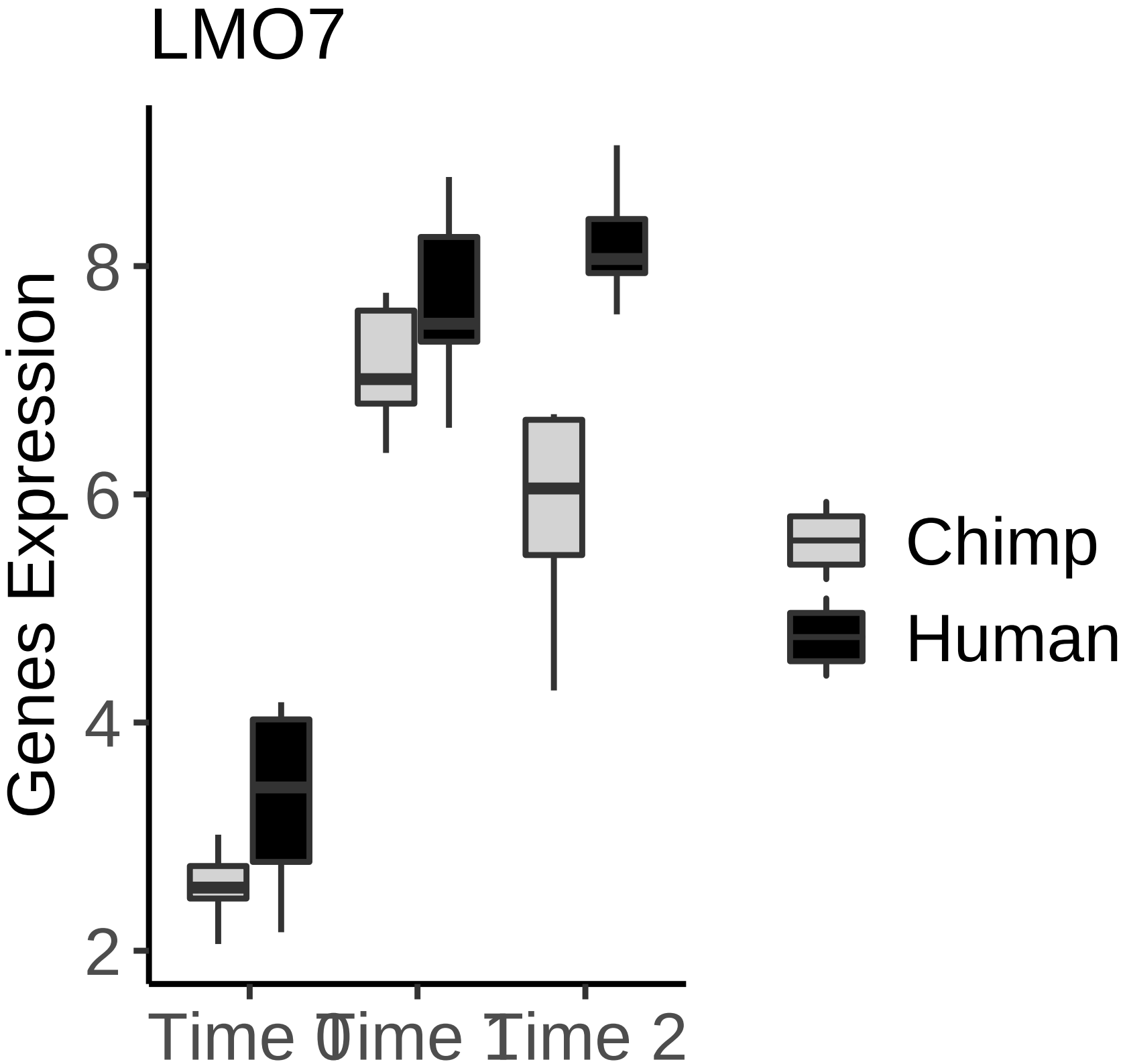
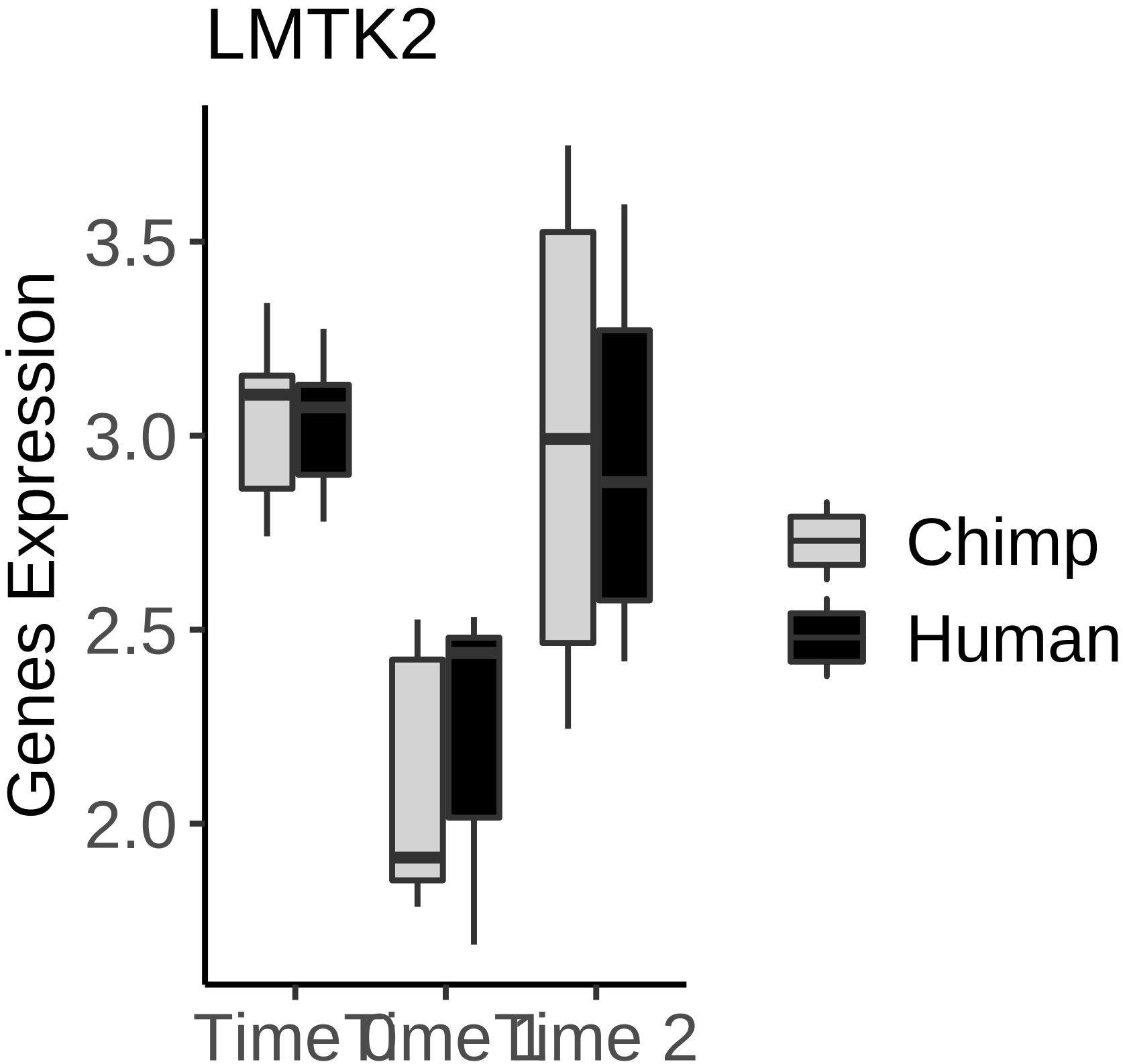
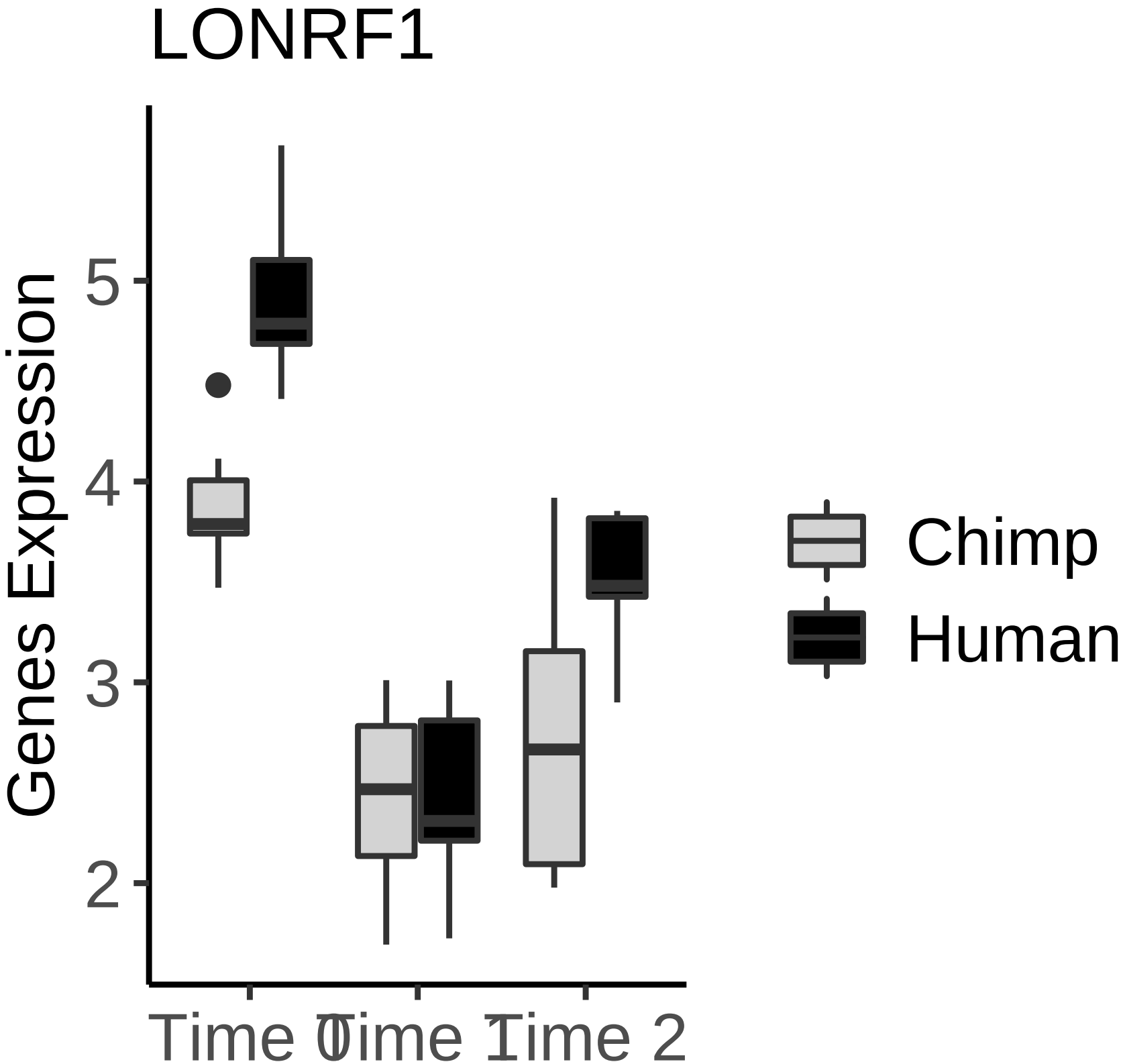
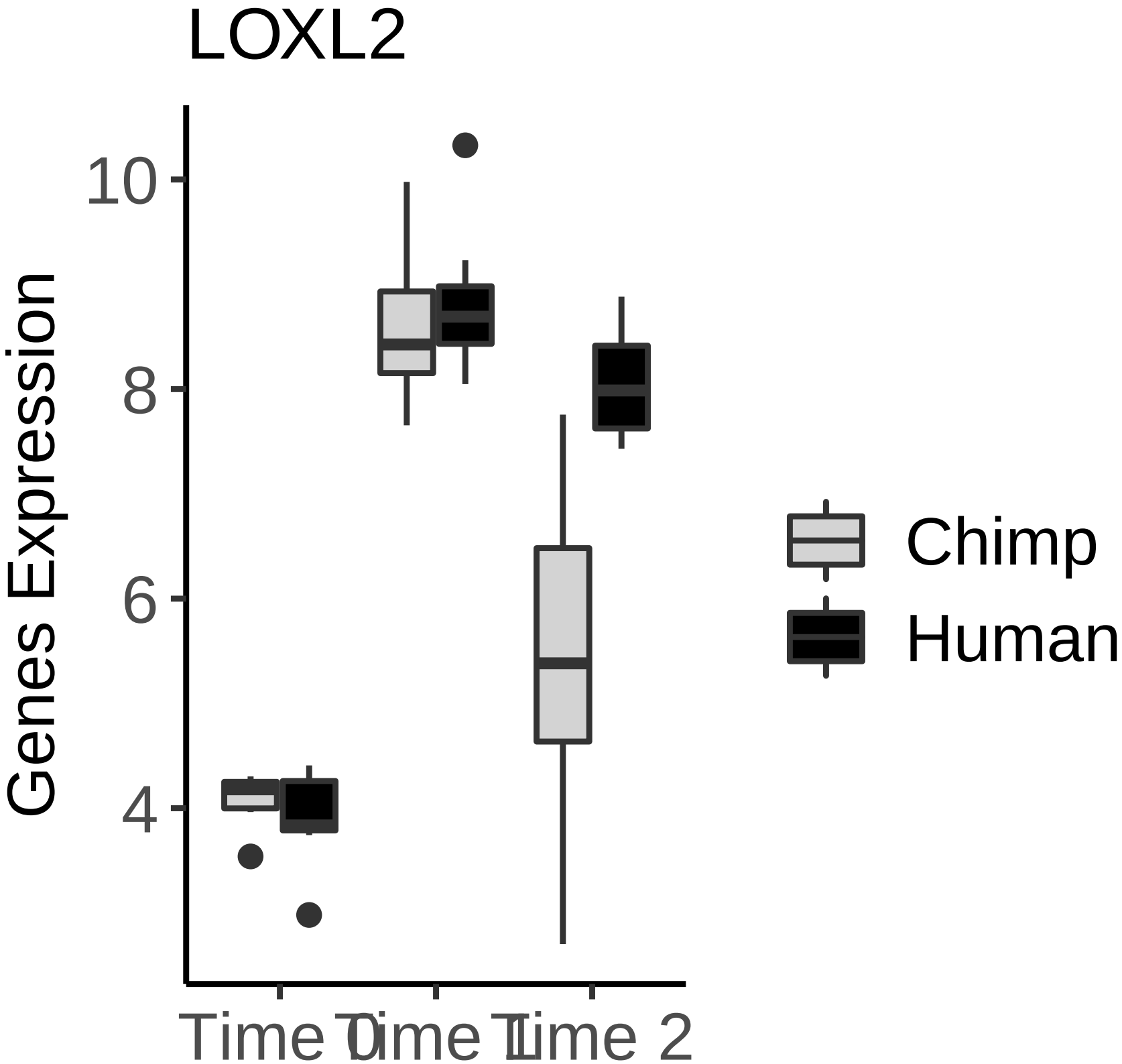
Time 2
Chimp
Human


LMNB2
Genes Expression
7
6
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


LMO7
Genes Expression
8
6
4
2
Time 0
Time 1
Time 2
Chimp
Human


LMTK2
Genes Expression
3.5
3.0
2.5
2.0
Time 0
Time 1
Time 2
Chimp
Human


LONRF1
Genes Expression
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human


LOXL2
Genes Expression
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6
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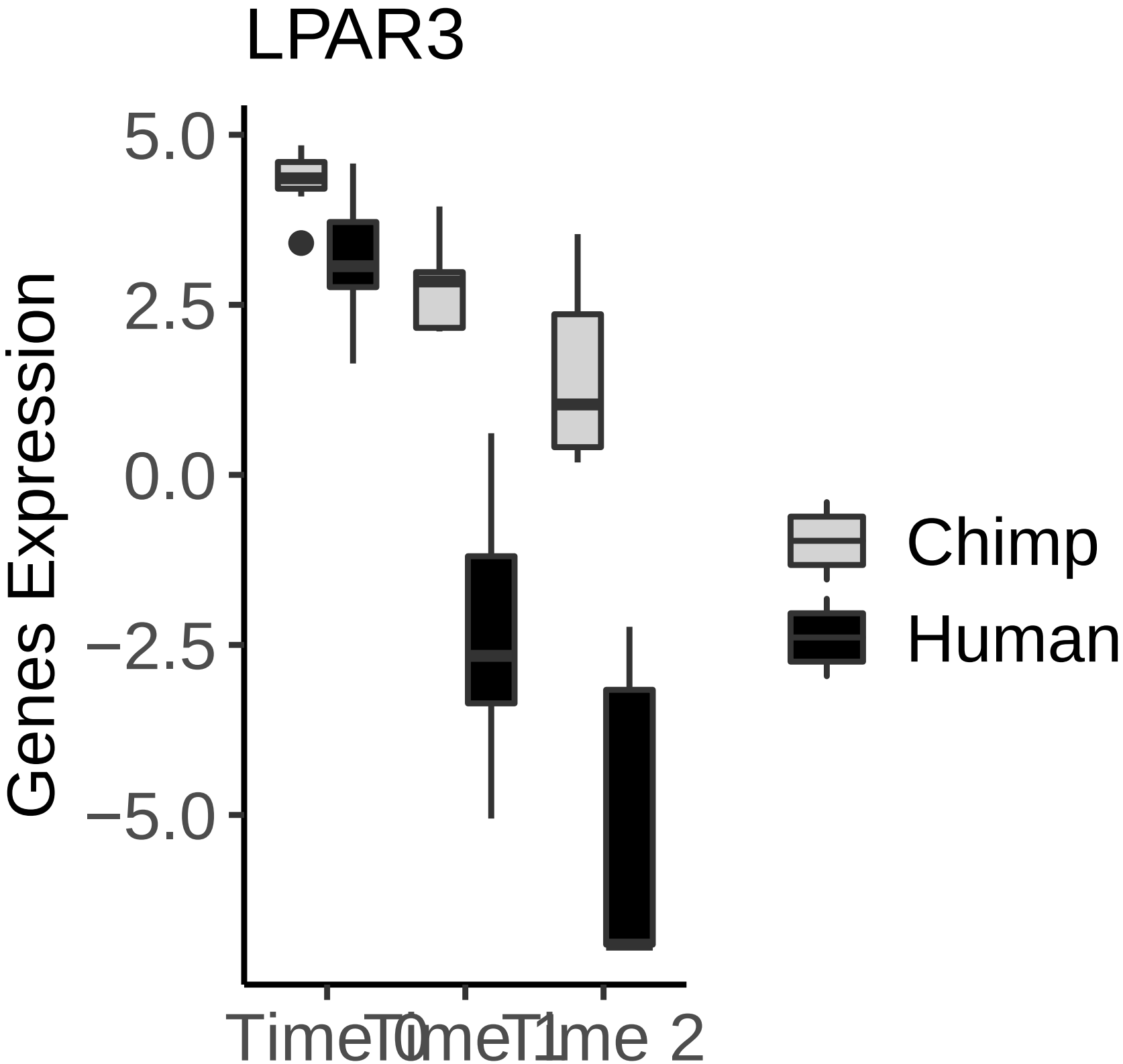
Time 2
Chimp
Human


LPAR3
Genes Expression
5.0
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0.0
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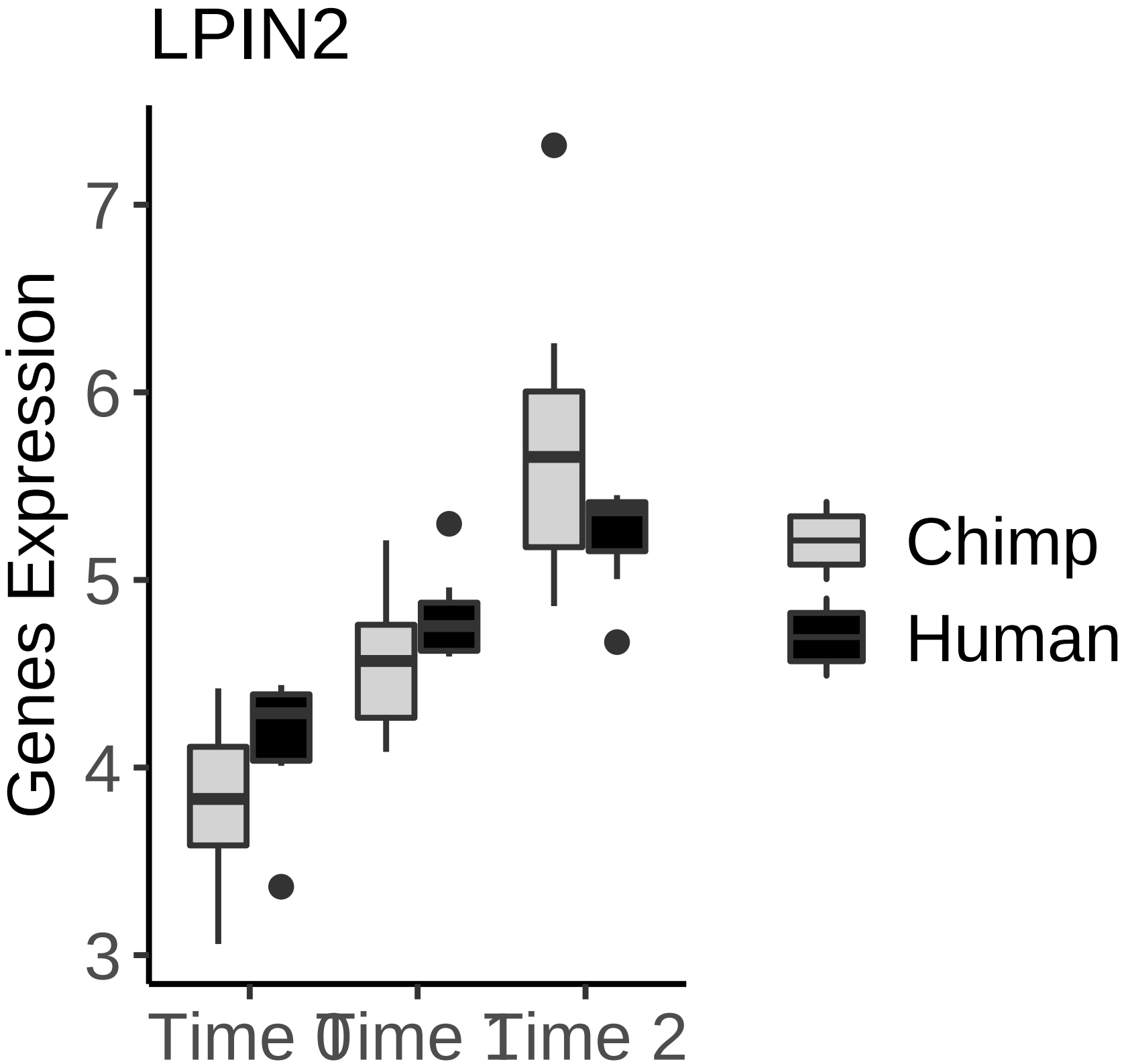
−5.0
Time 0
Time 1
Time 2
Chimp
Human


LPIN2
Genes Expression
7
6
5
4
3
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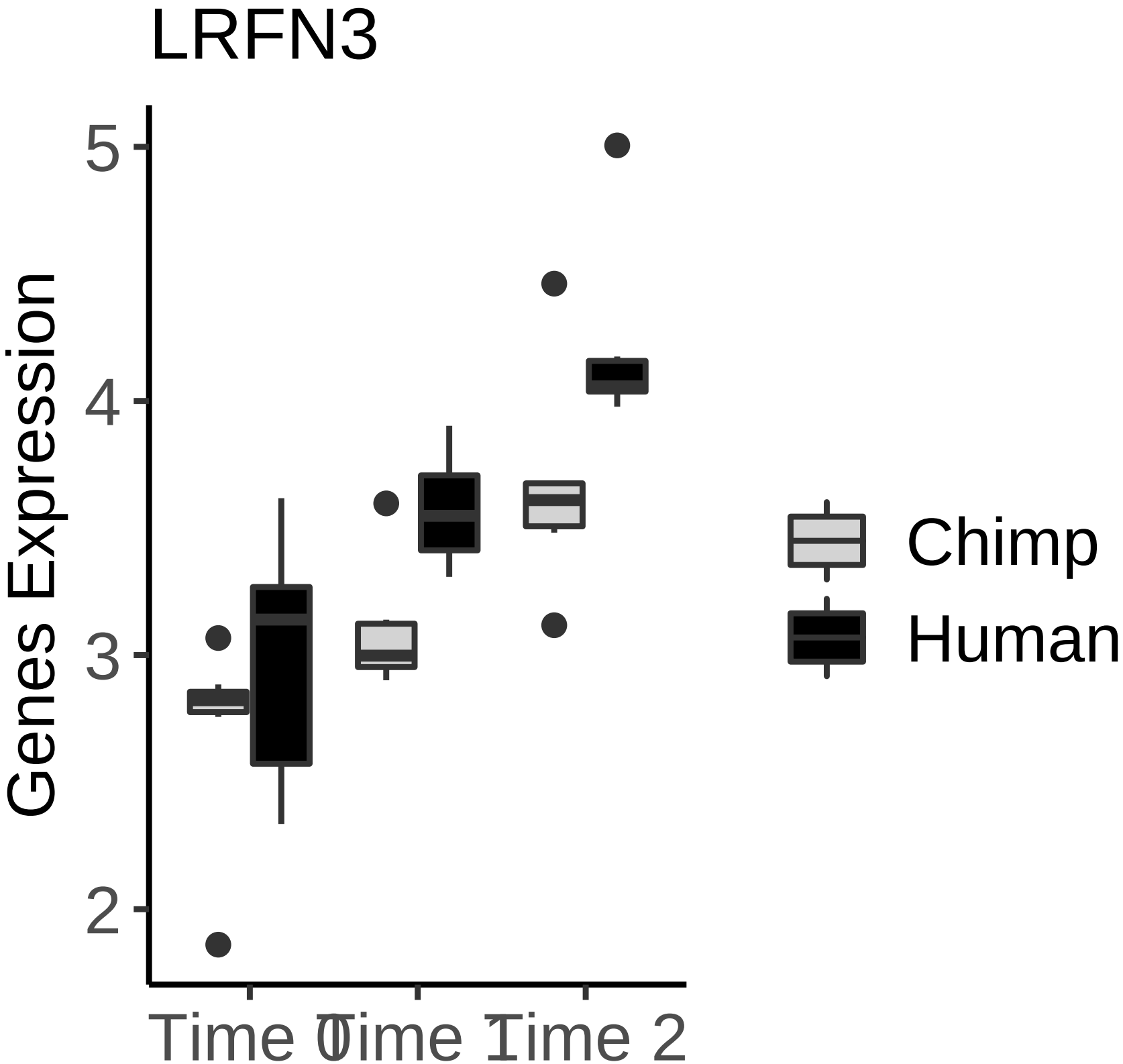
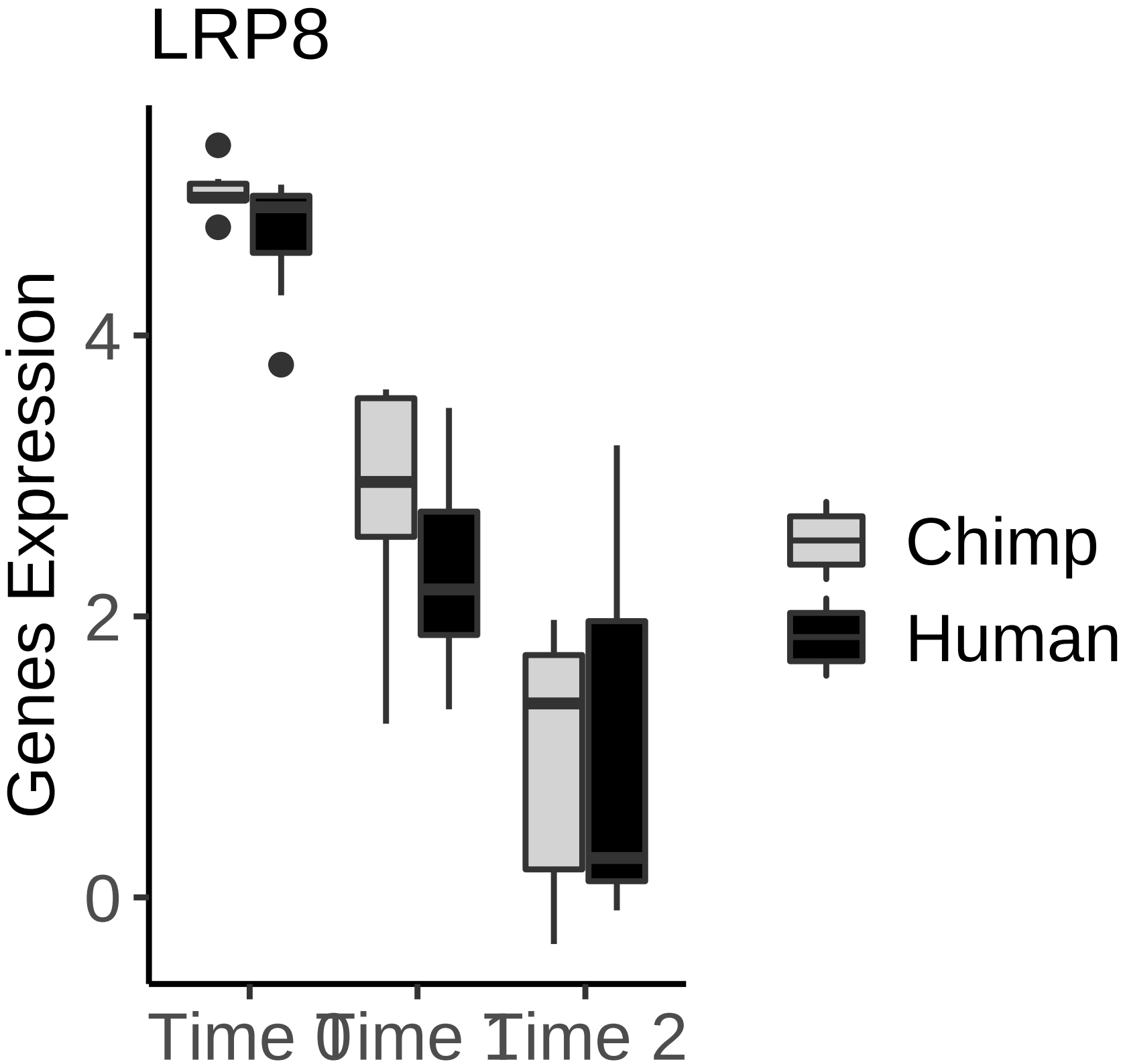
Time 1
Time 2
Chimp
Human


LRFN3
Genes Expression
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human


LRP8
Genes Expression
4
2
0
Time 0
Time 1
Time 2
Chimp
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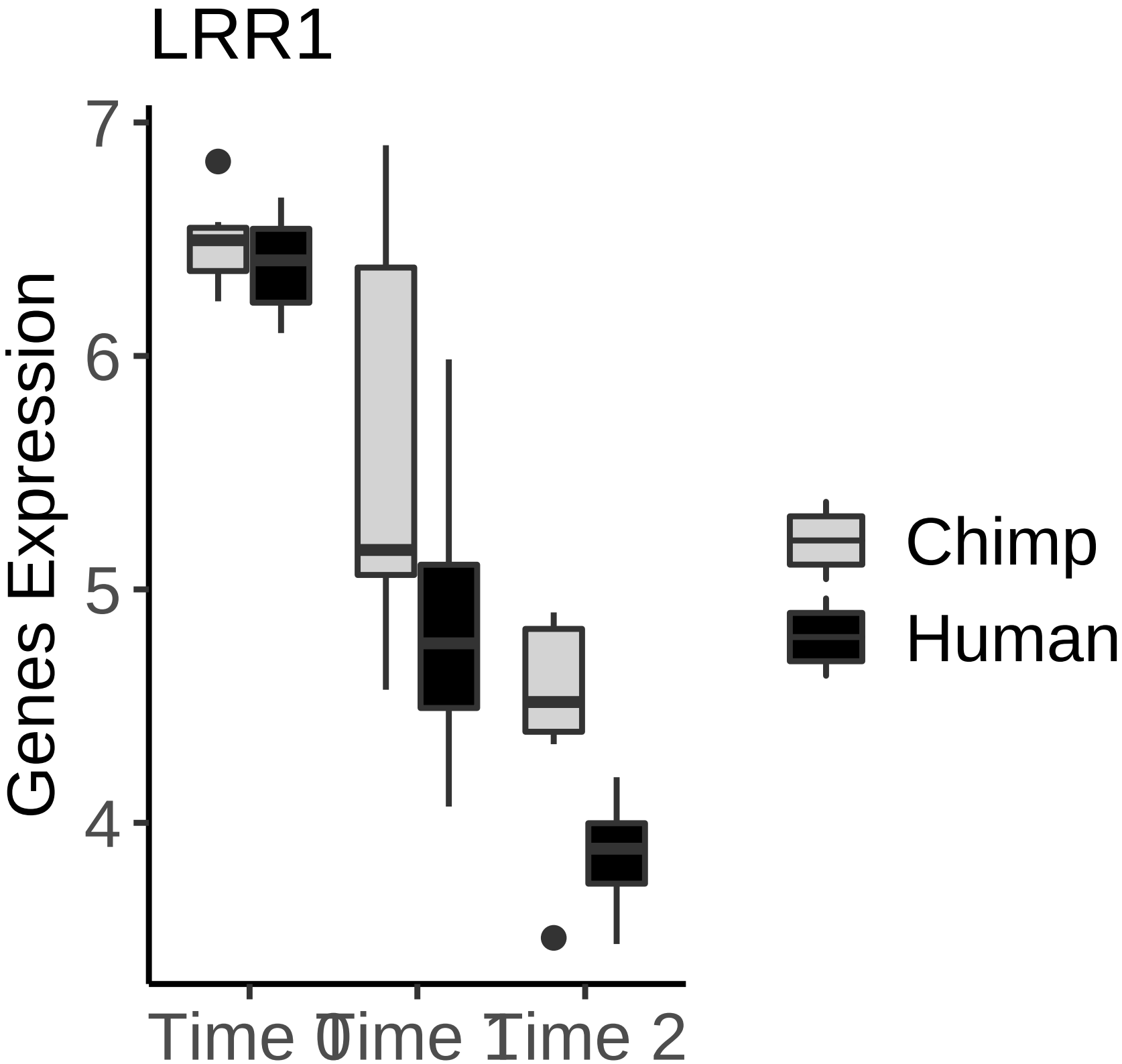
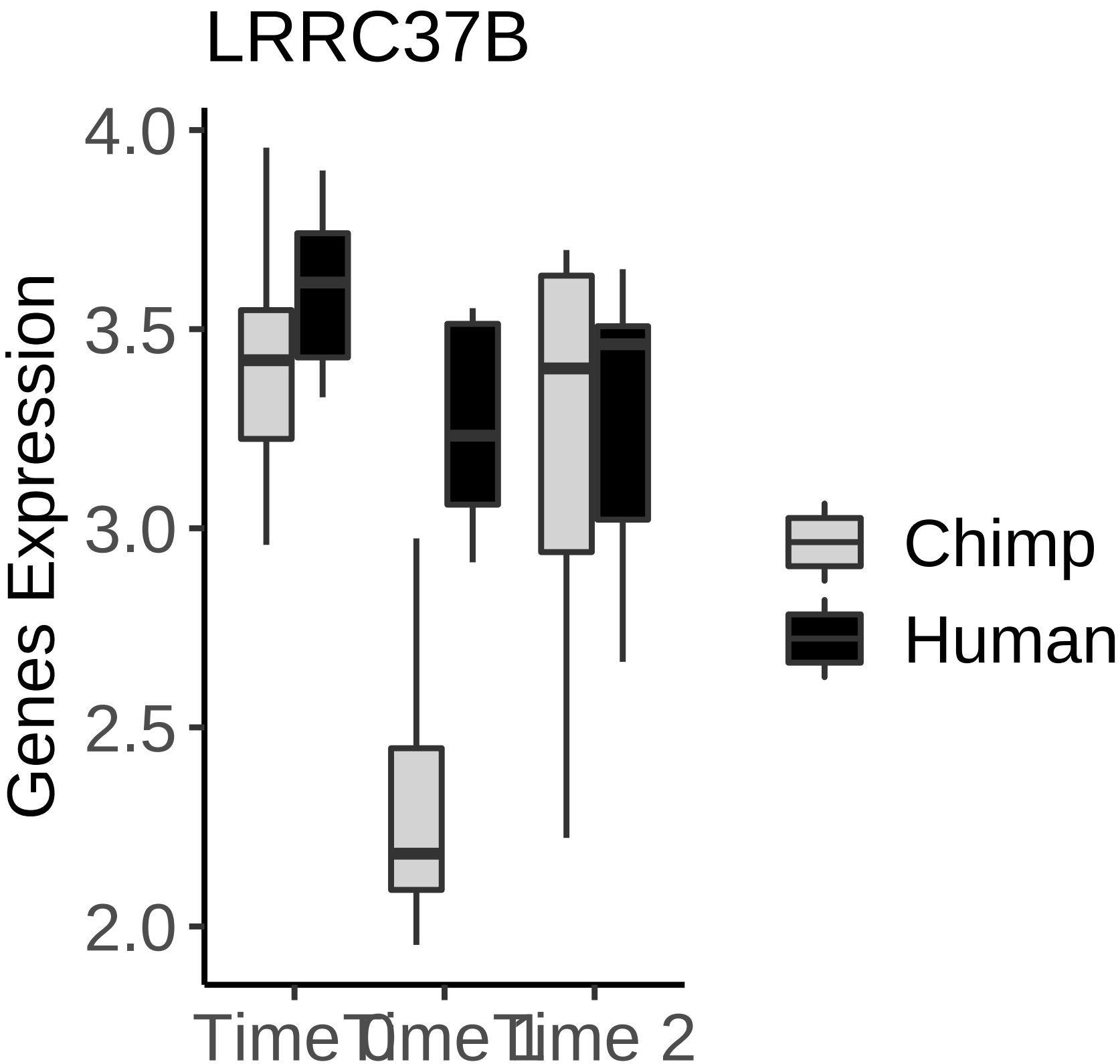

LRR1
Genes Expression
7
6
5
4
Time 0
Time 1
Time 2
Chimp
Human


LRRC37B
Genes Expression
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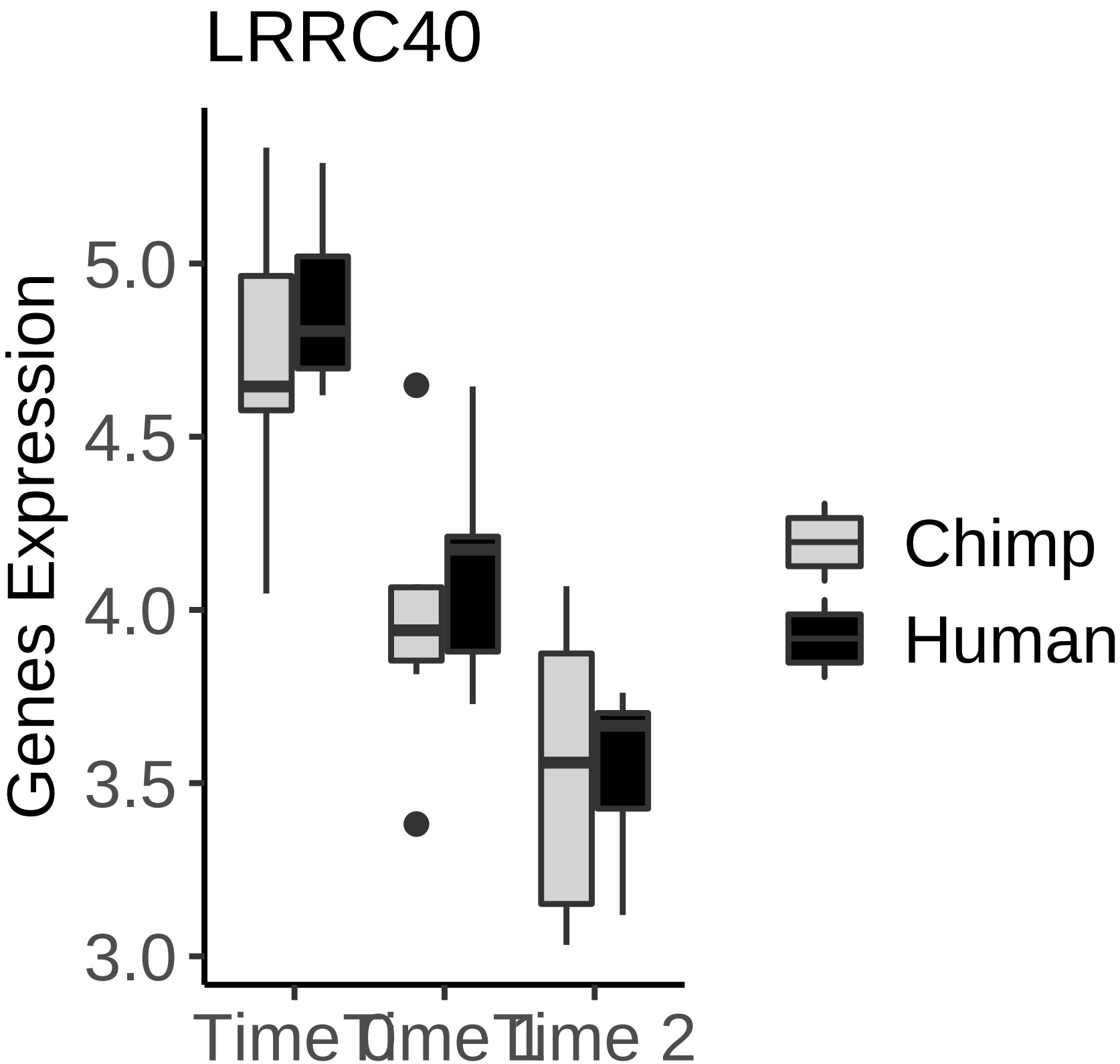
3.5
3.0
2.5
2.0
Time 0
Time 1
Time 2
Chimp
Human


LRRC40
Genes Expression
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4.5
4.0
3.5
3.0
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Time 1
Time 2
Chimp
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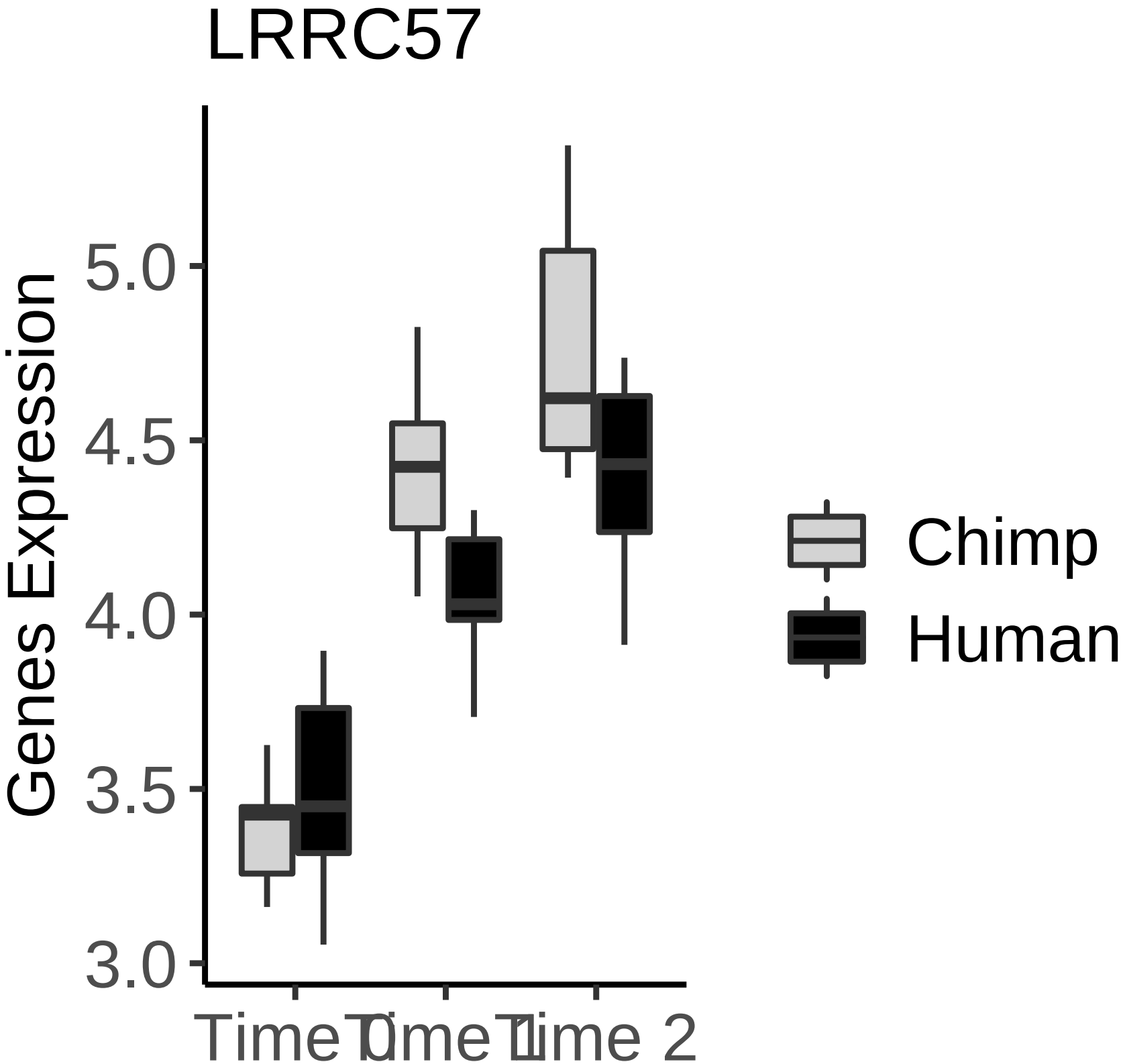
LRRC57
Genes Expression
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4.0
3.5
3.0
Time 0
Time 1
Time 2
Chimp
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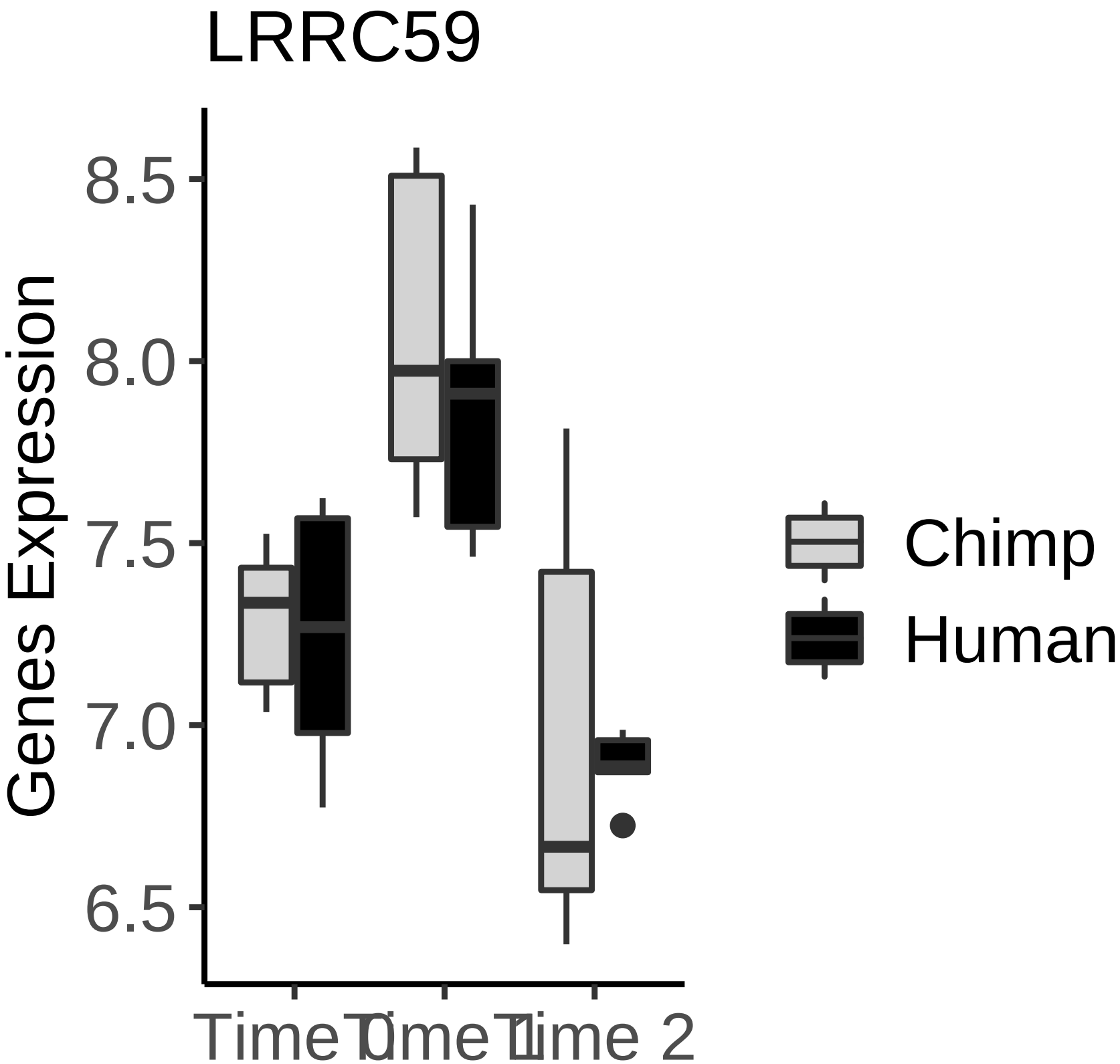
LRRC59
Genes Expression
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7.5
7.0
6.5
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Time 1
Time 2
Chimp
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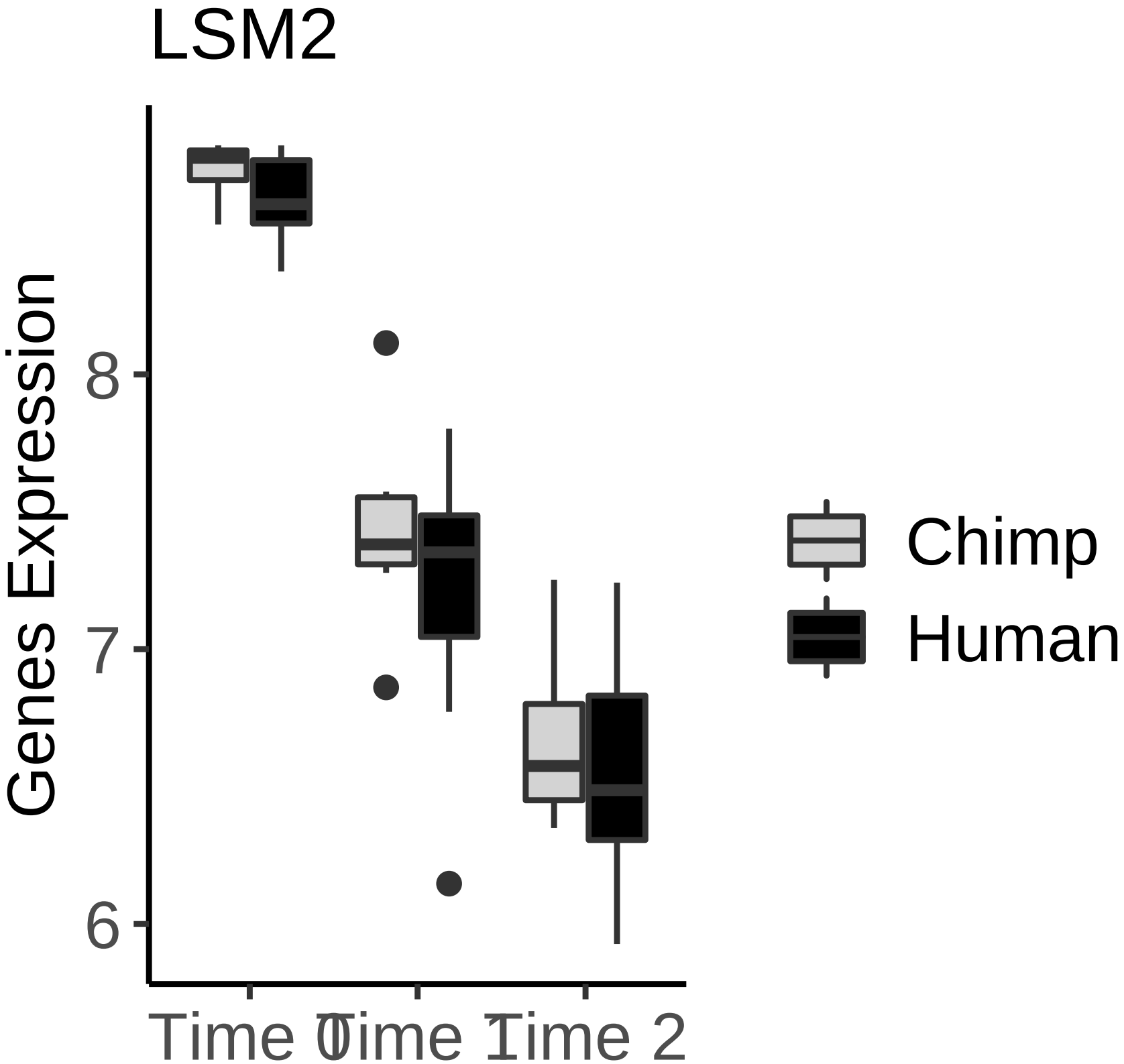
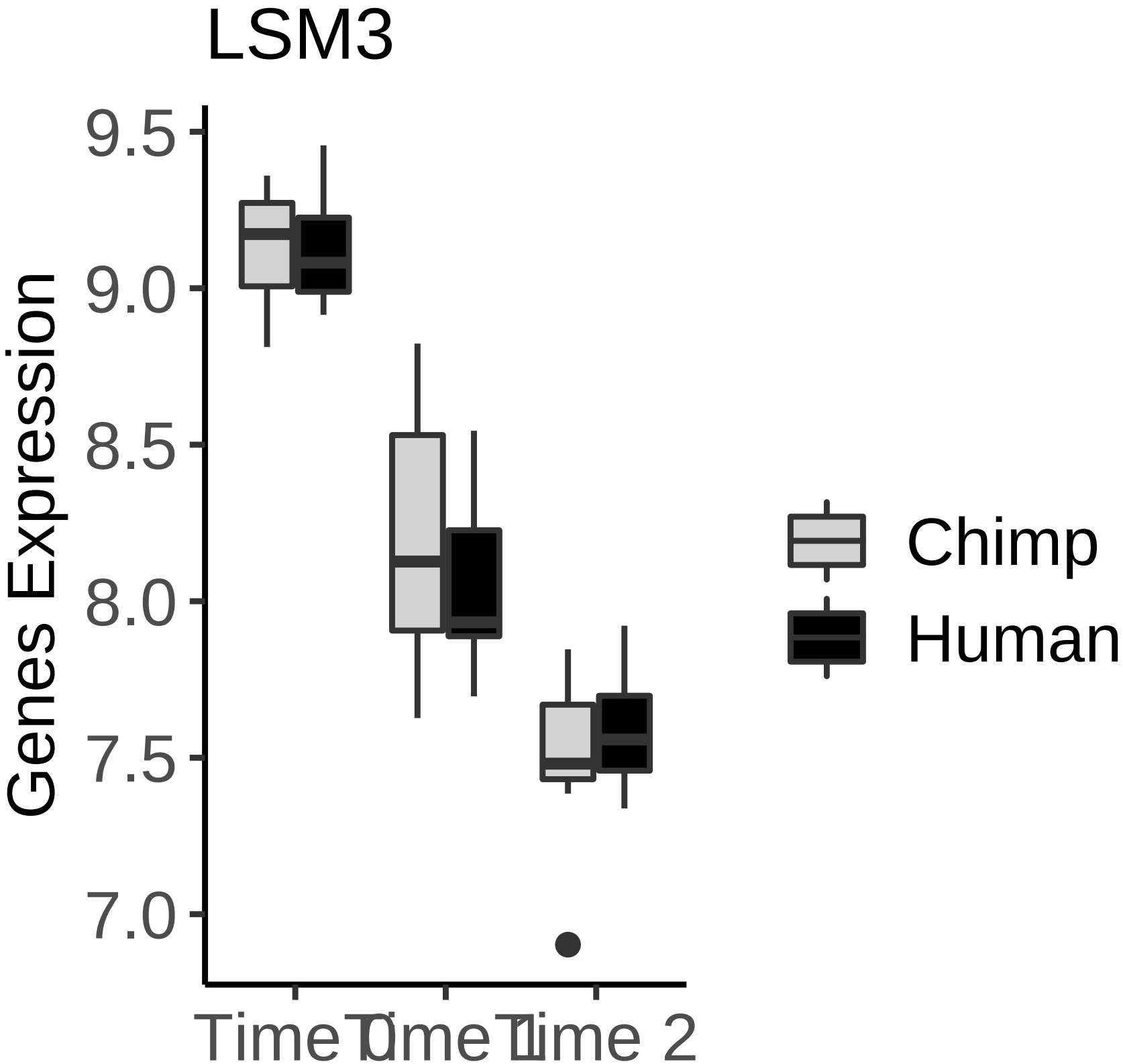

LSM2
Genes Expression
8
7
6
Time 0
Time 1
Time 2
Chimp
Human


LSM3
Genes Expression
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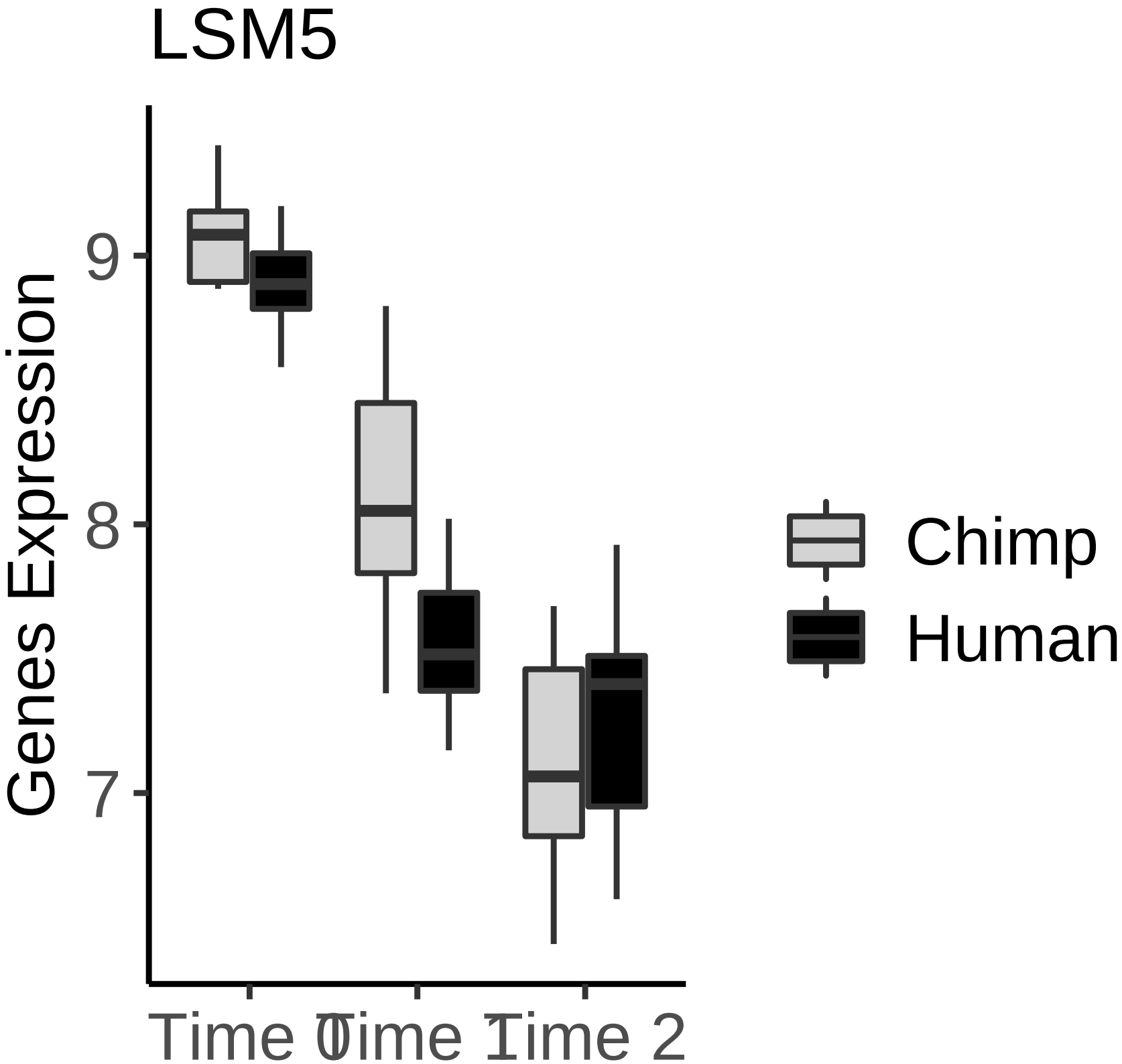
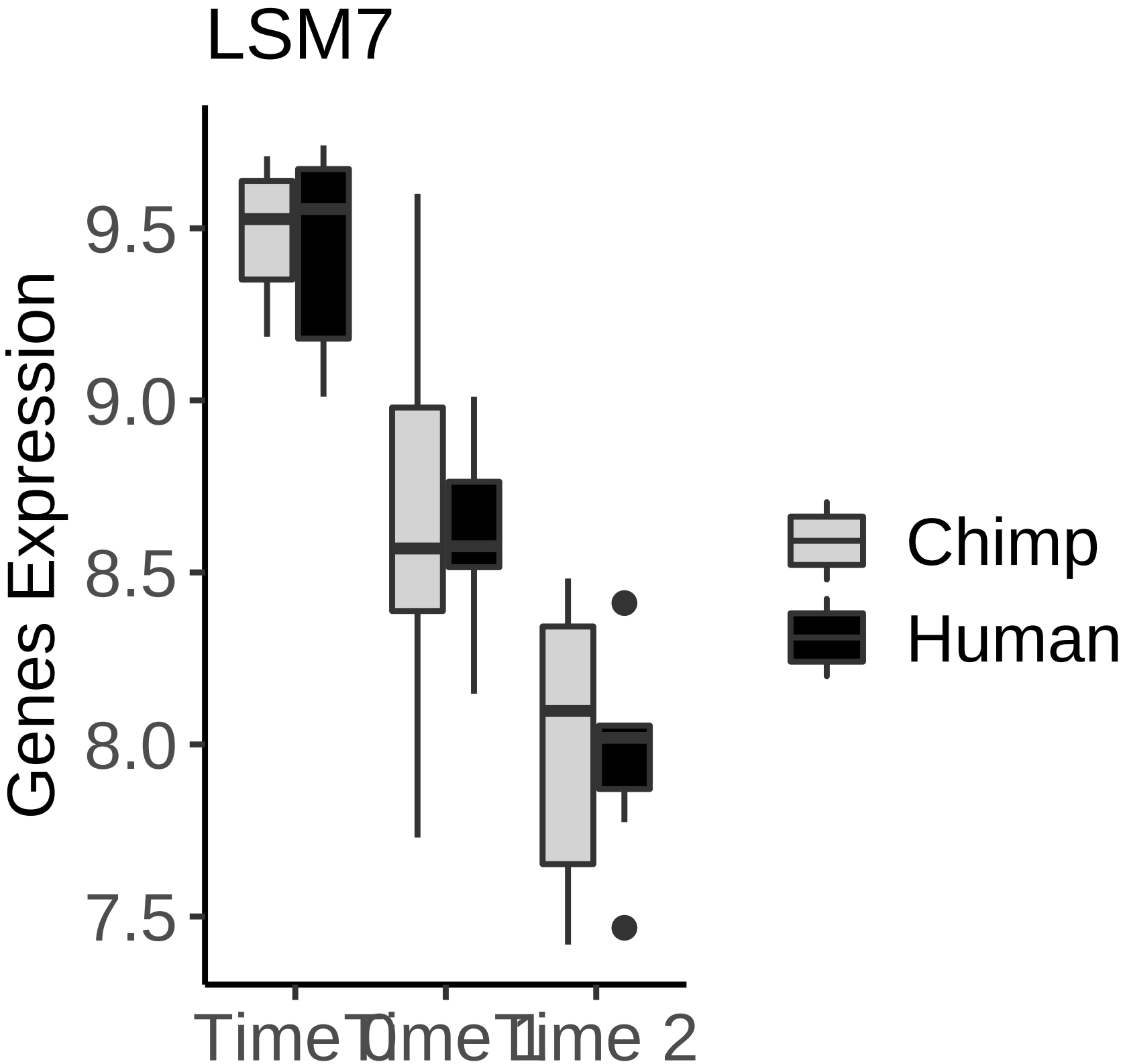
8.5
8.0
7.5
7.0
Time 0
Time 1
Time 2
Chimp
Human


LSM5
Genes Expression
9
8
7
Time 0
Time 1
Time 2
Chimp
Human


LSM7
Genes Expression
9.5
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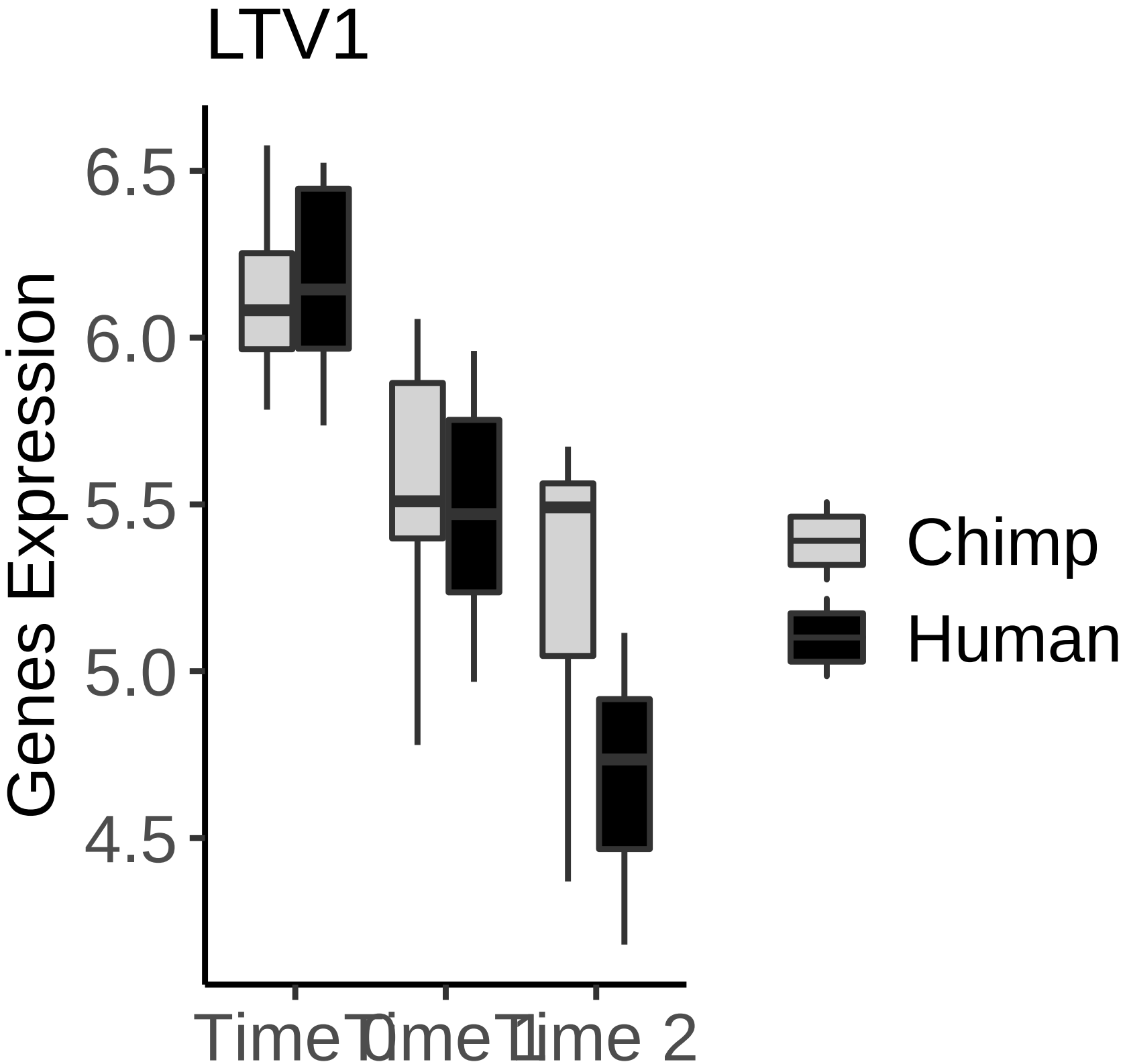
8.0
7.5
Time 0
Time 1
Time 2
Chimp
Human


LTV1
Genes Expression
6.5
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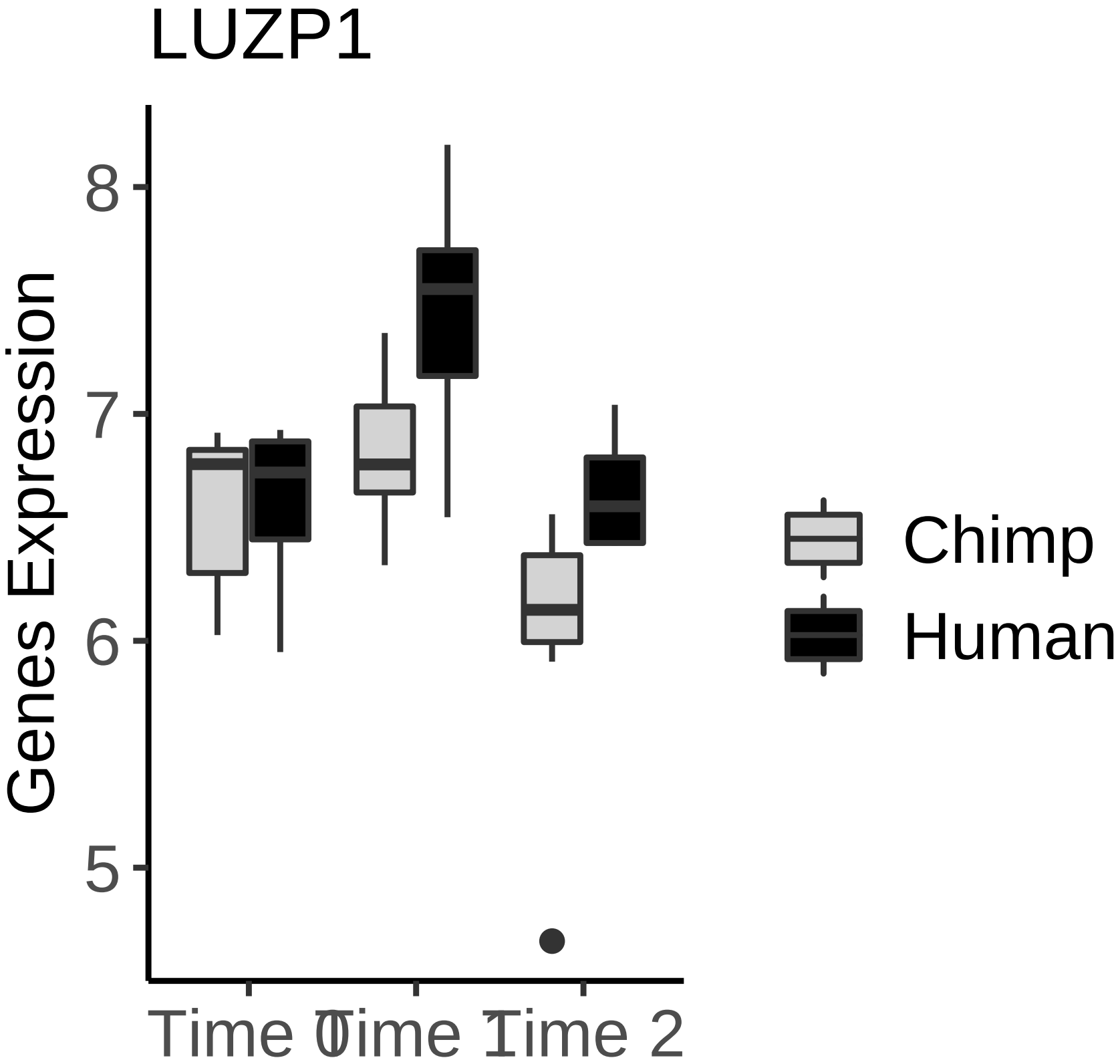
5.0
4.5
Time 0
Time 1
Time 2
Chimp
Human


LUZP1
Genes Expression
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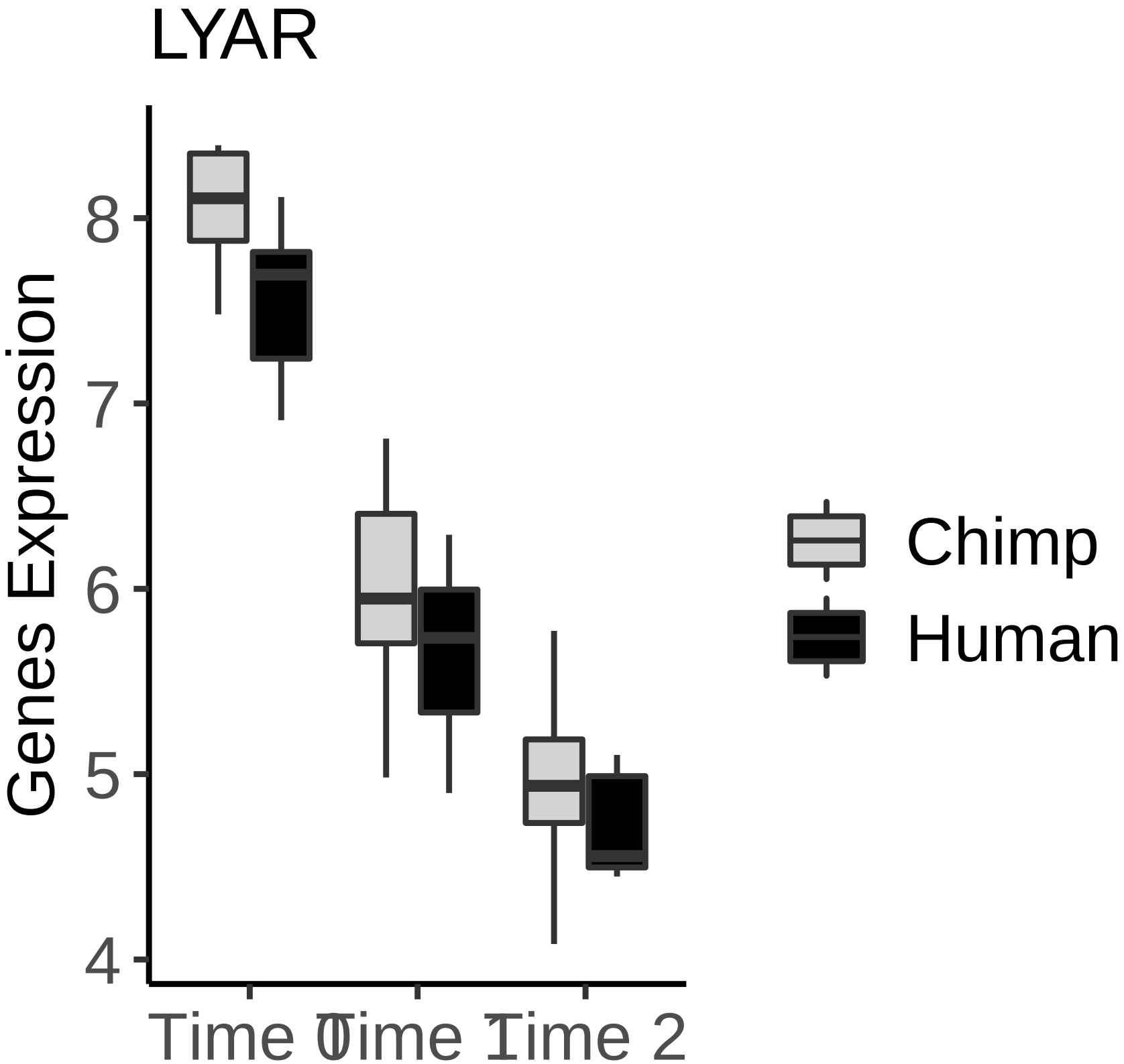
6
5
Time 0
Time 1
Time 2
Chimp
Human


LYAR
Genes Expression
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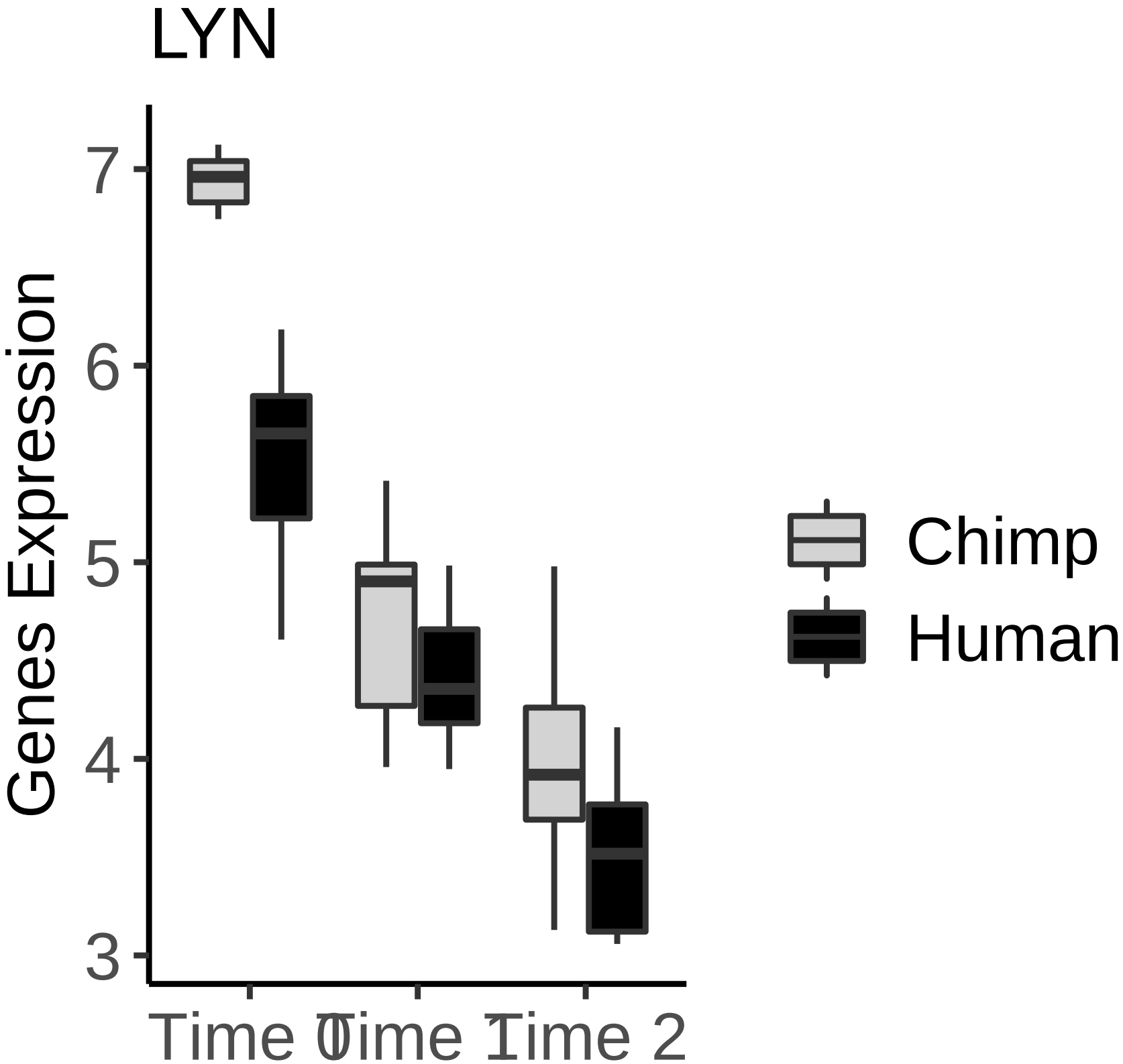
5
4
Time 0
Time 1
Time 2
Chimp
Human


LYN
Genes Expression
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4
3
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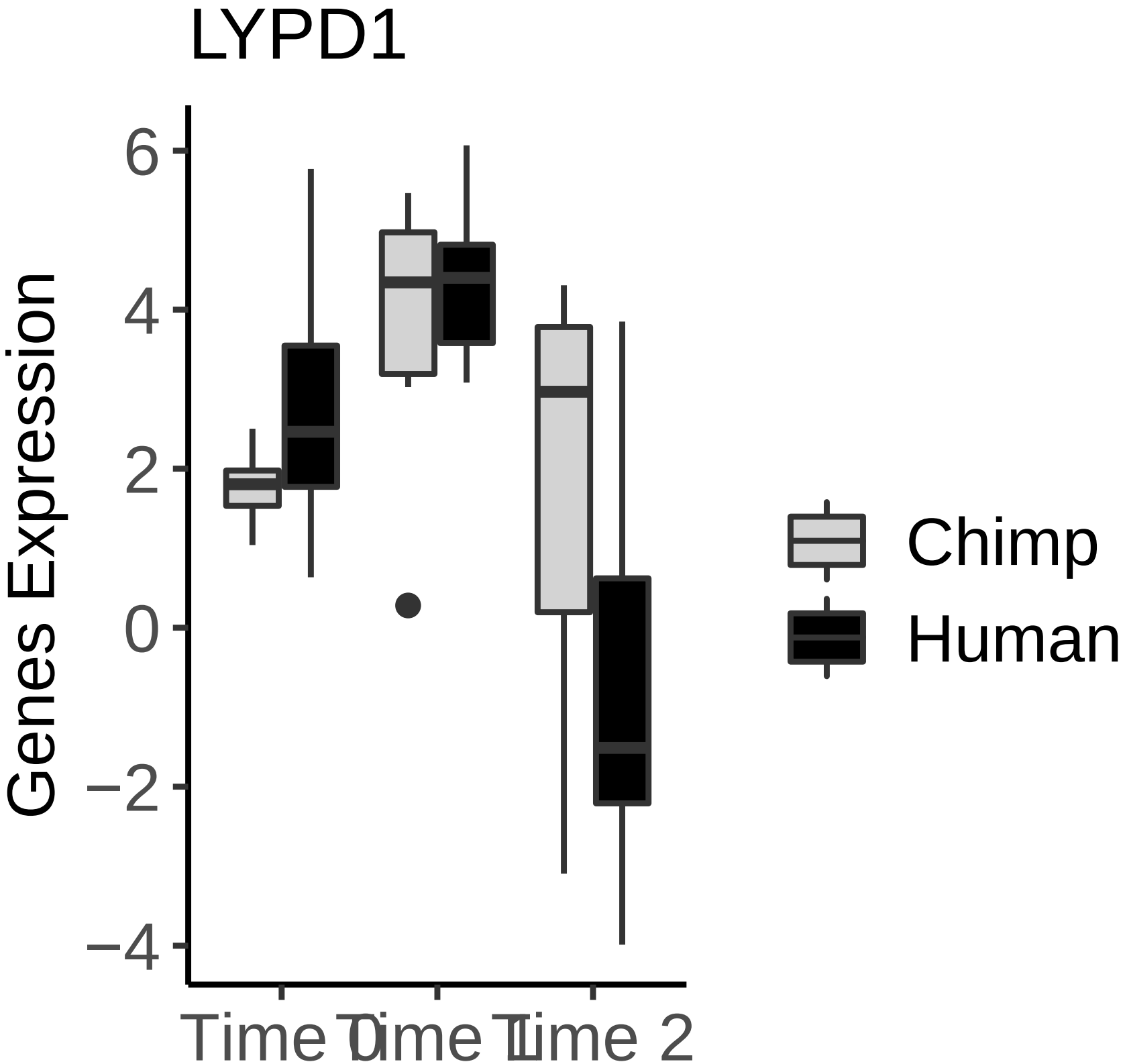
Time 1
Time 2
Chimp
Human


LYPD1
Genes Expression
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−4
Time 0
Time 1
Time 2
Chimp
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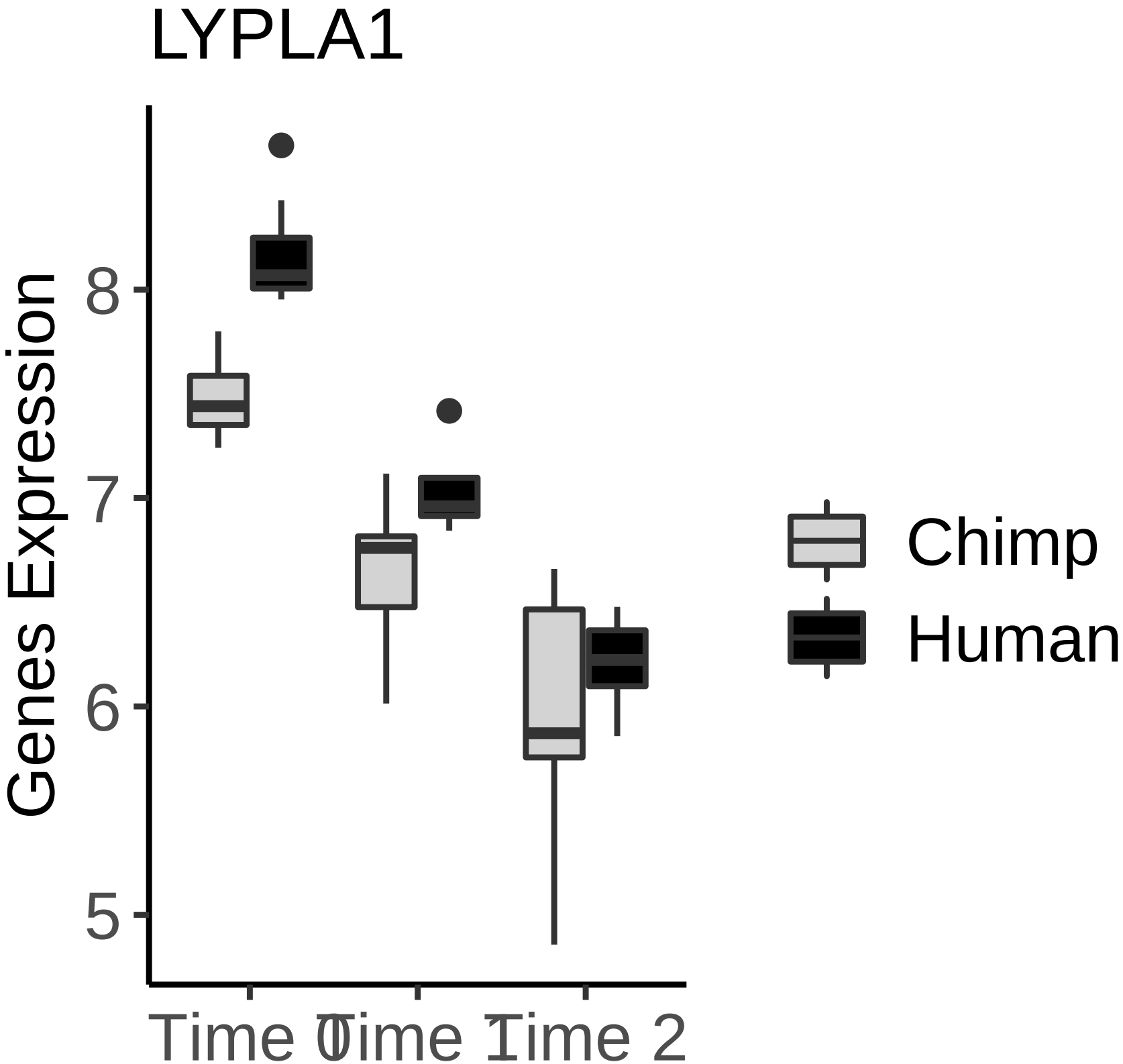
LYPLA1
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6
5
Time 0
Time 1
Time 2
Chimp
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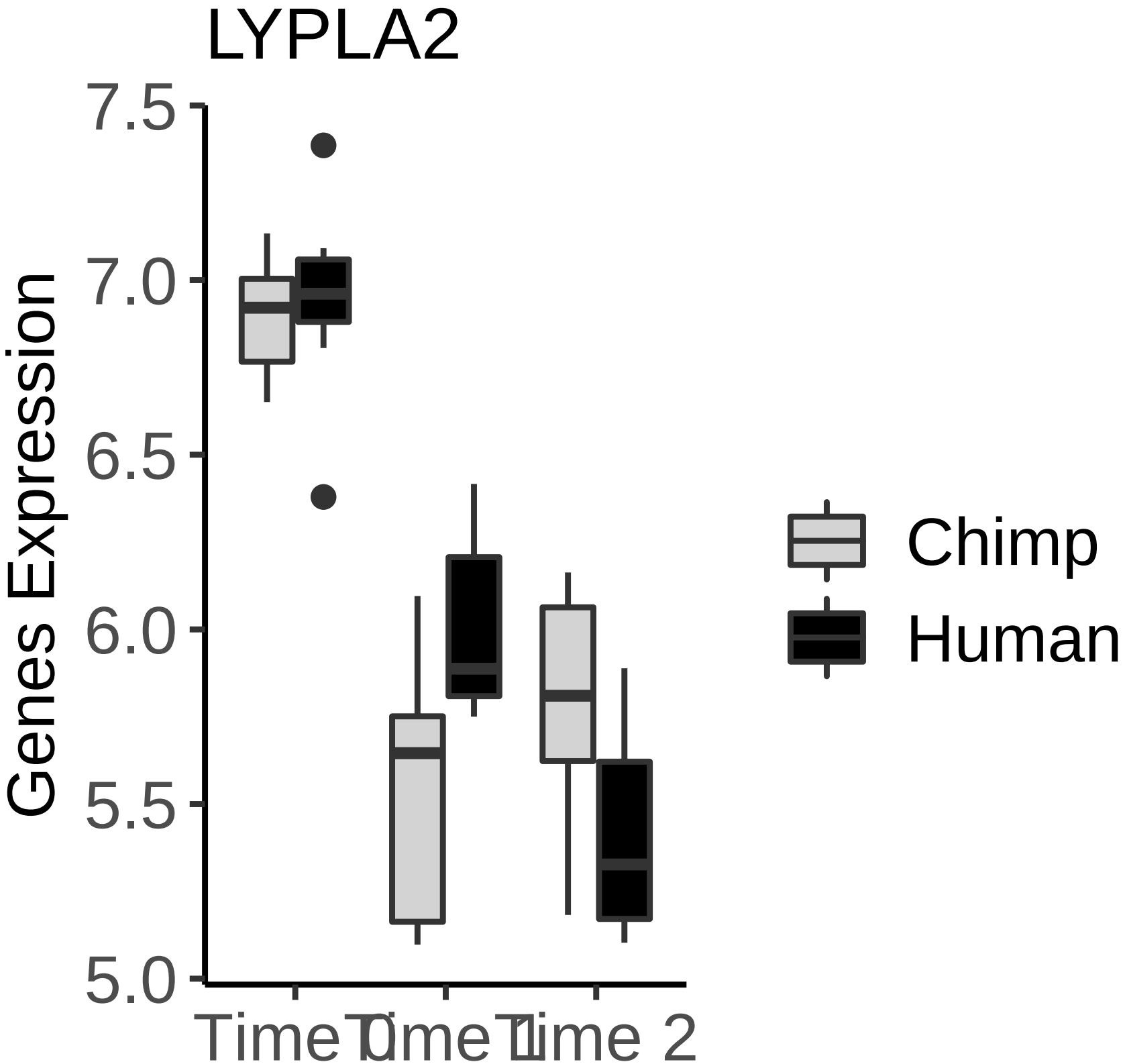
LYPLA2
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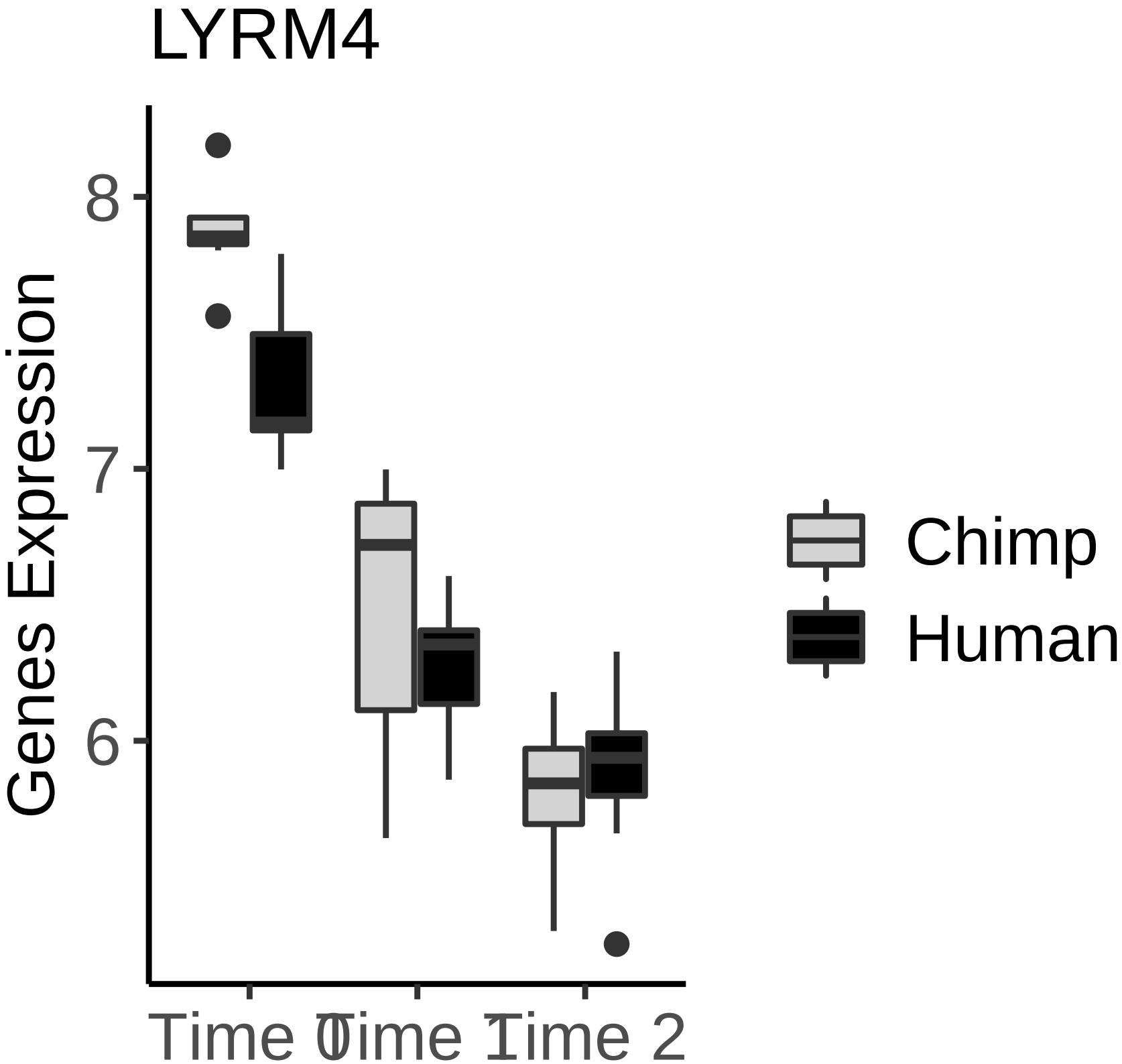
6.0
5.5
5.0
Time 0
Time 1
Time 2
Chimp
Human


LYRM4
Genes Expression
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7
6
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Chimp
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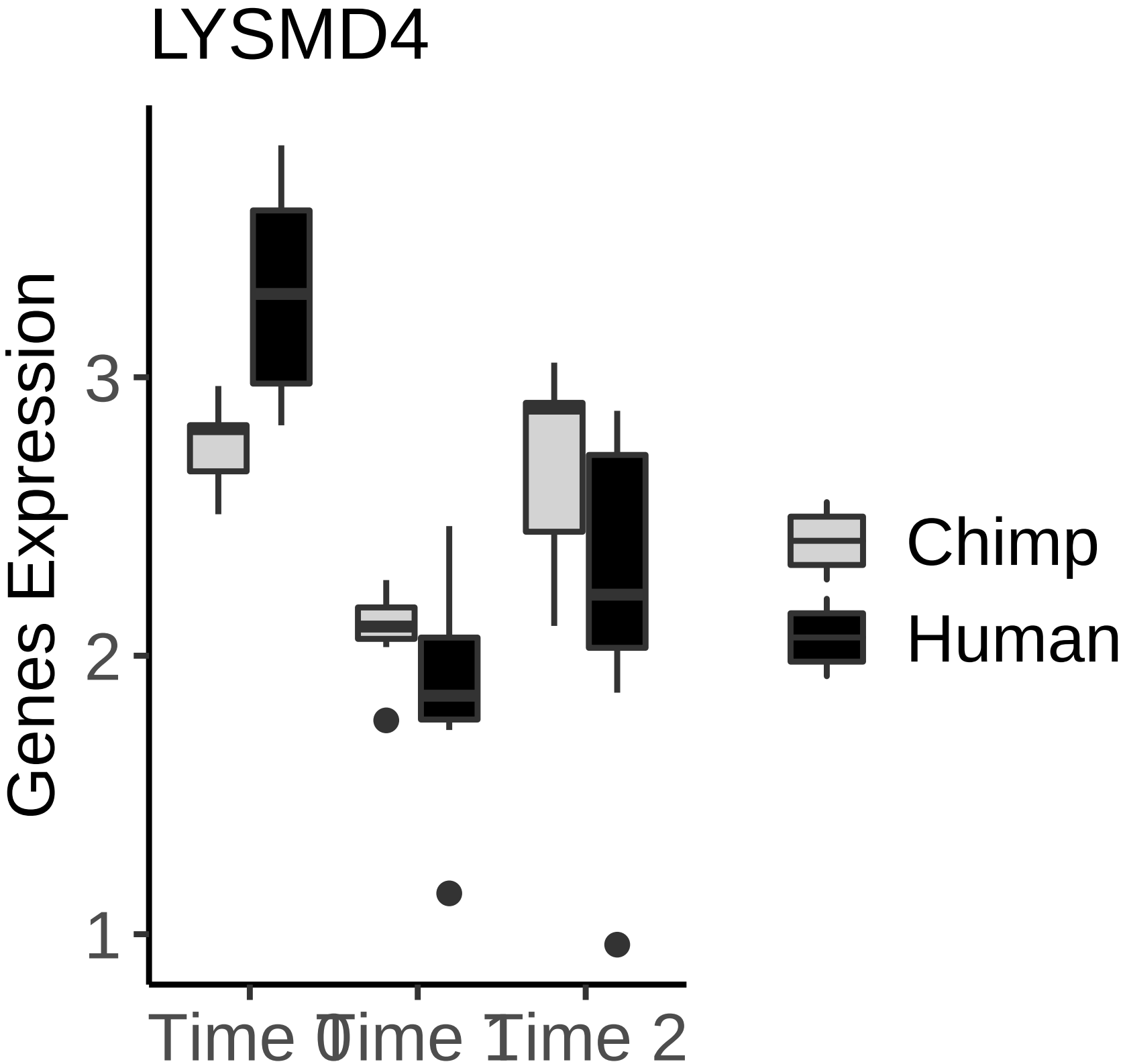
LYSMD4
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Time 2
Chimp
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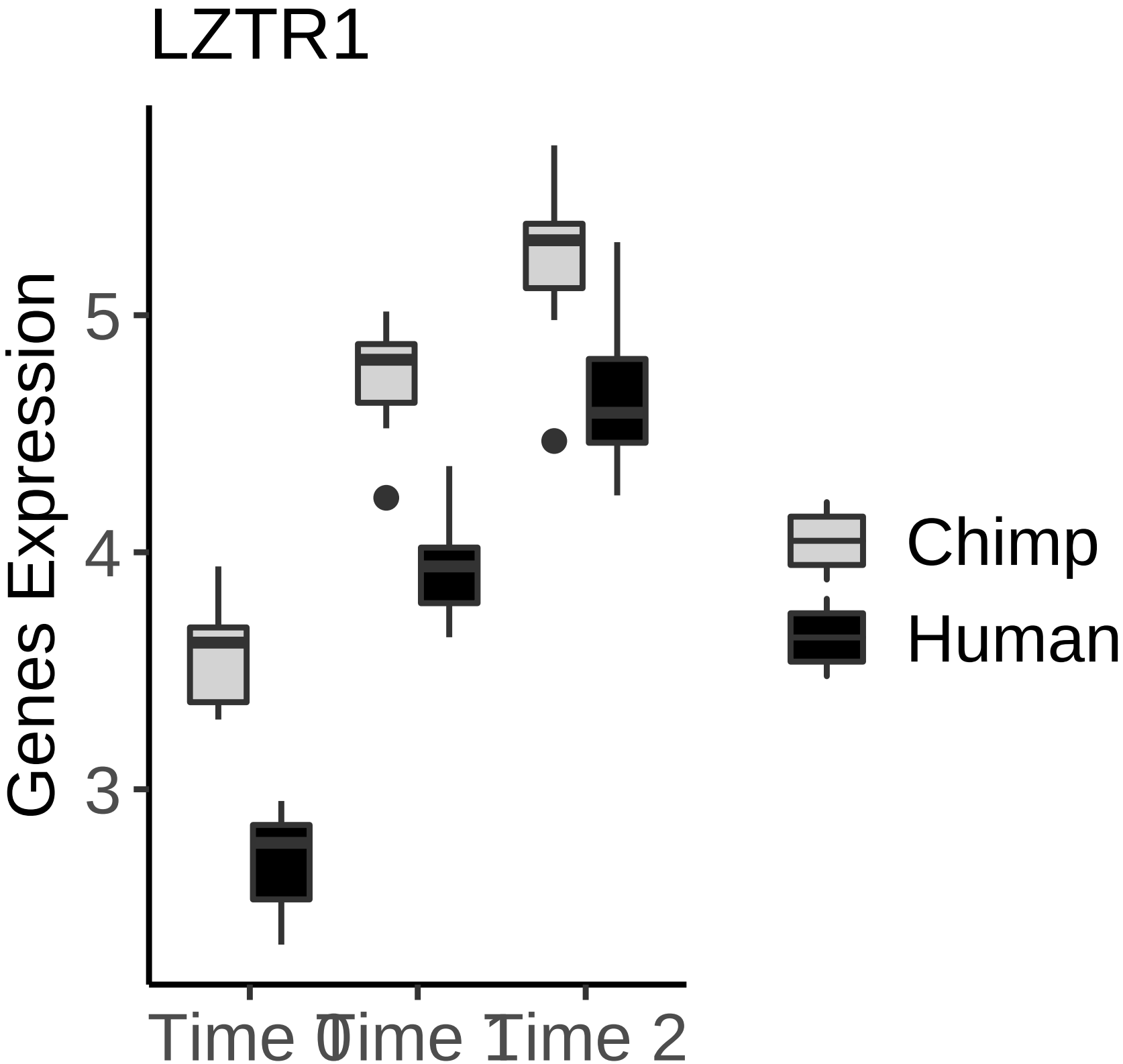
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Genes Expression
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3
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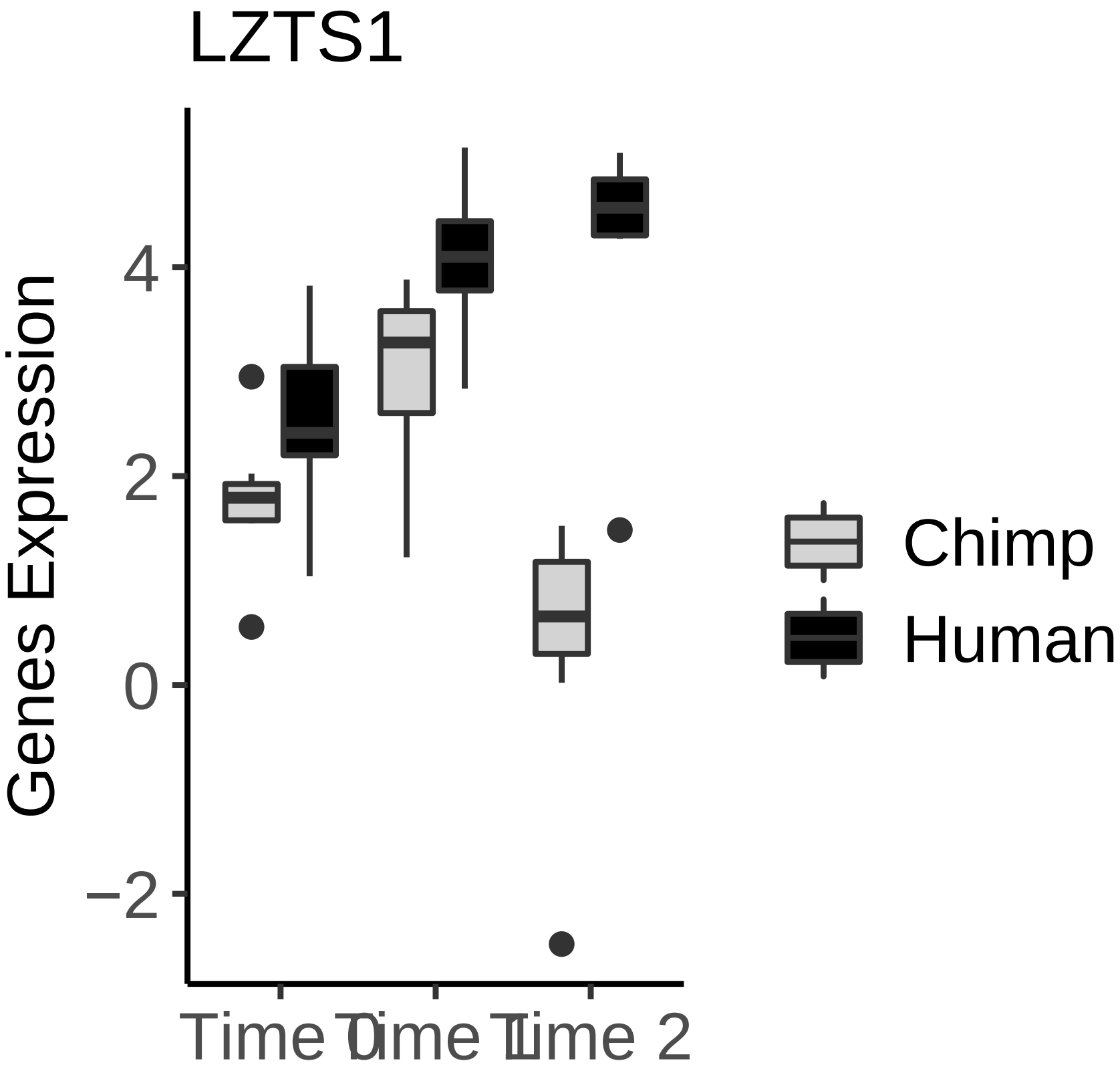
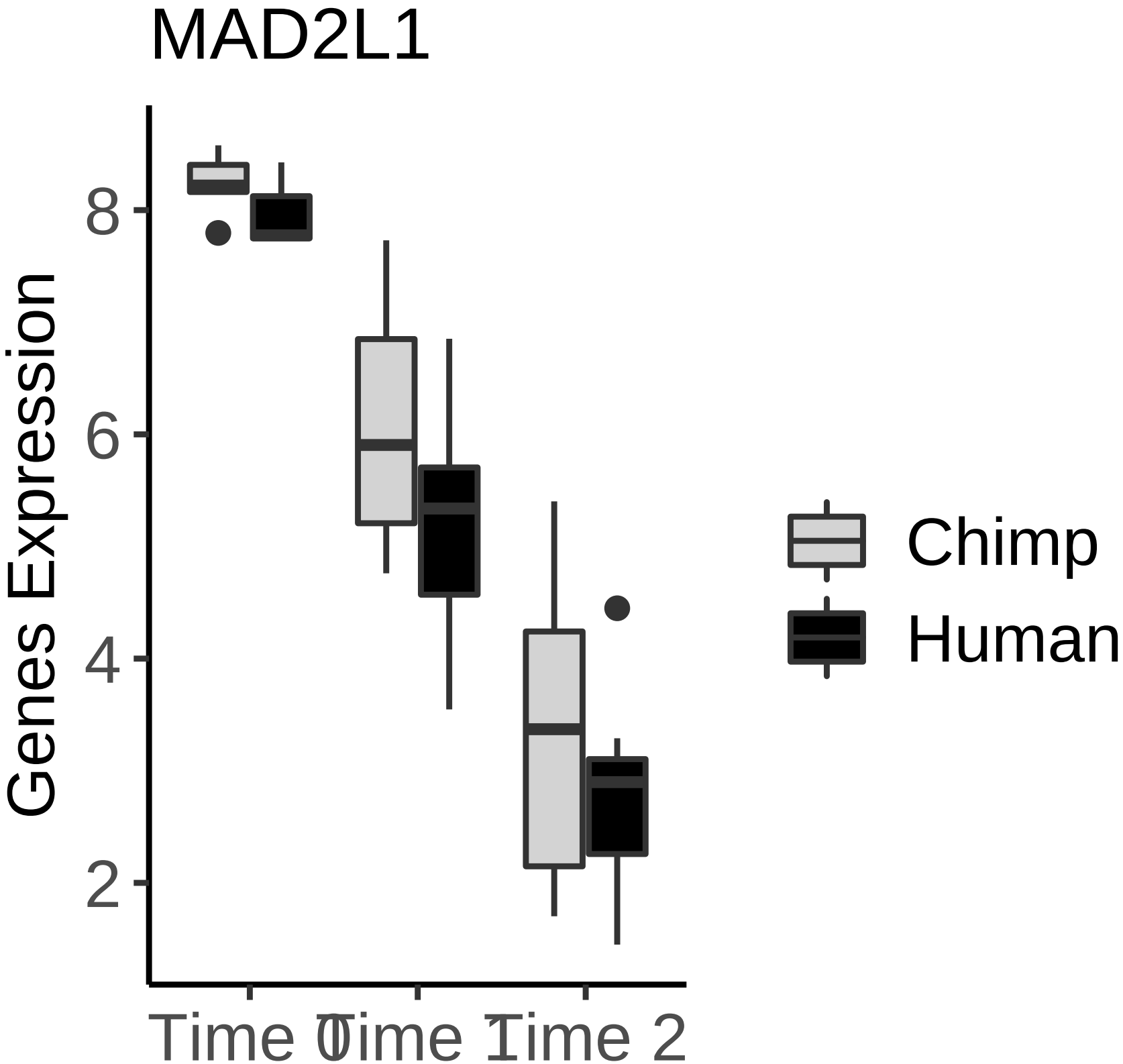
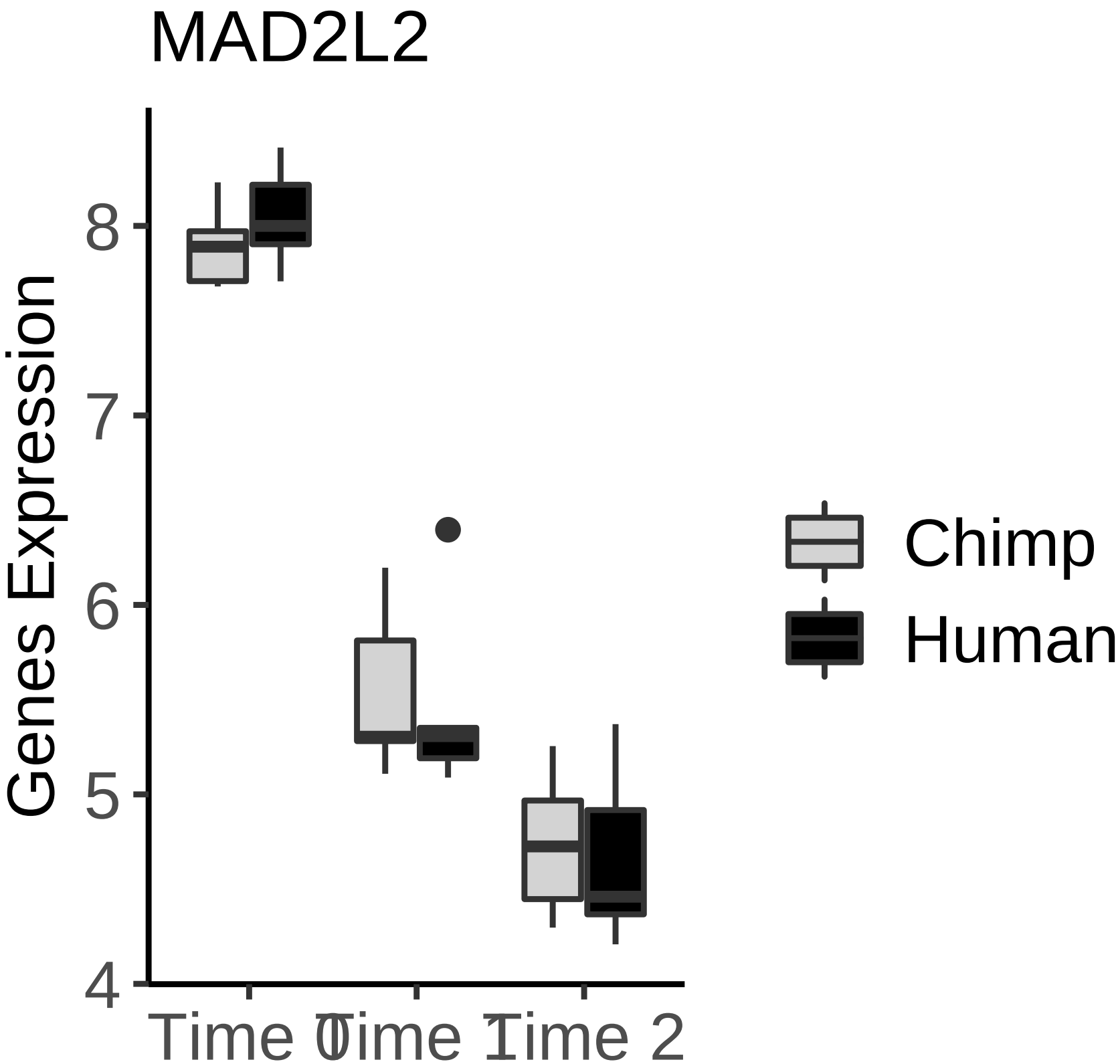
Time 1
Time 2
Chimp
Human


LZTS1
Genes Expression
4
2
0
−2
Time 0
Time 1
Time 2
Chimp
Human


MAD2L1
Genes Expression
8
6
4
2
Time 0
Time 1
Time 2
Chimp
Human


MAD2L2
Genes Expression
8
7
6
5
4
Time 0
Time 1
Time 2
Chimp
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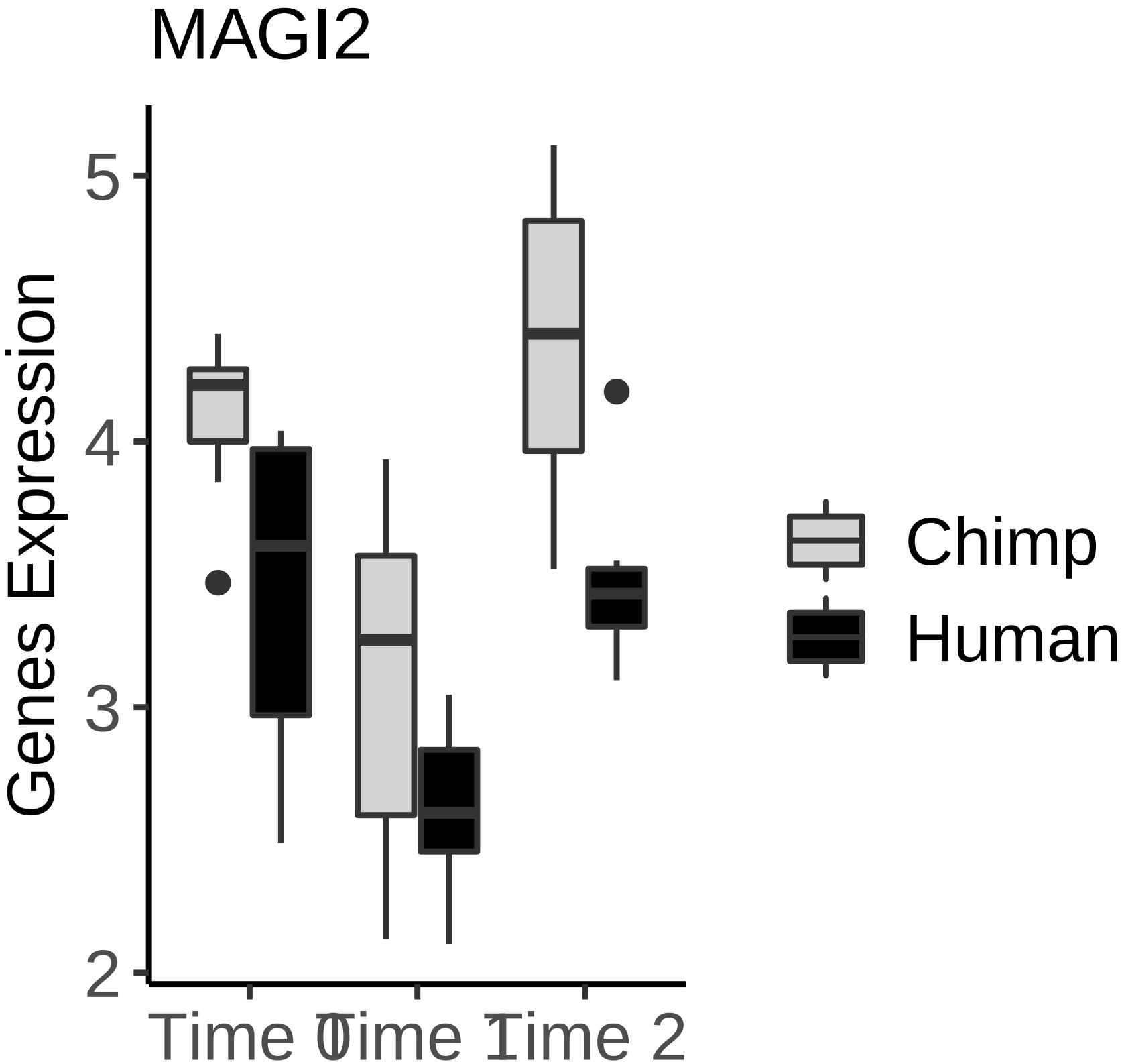
MAGI2
Genes Expression
5
4
3
2
Time 0
Time 1
Time 2
Chimp
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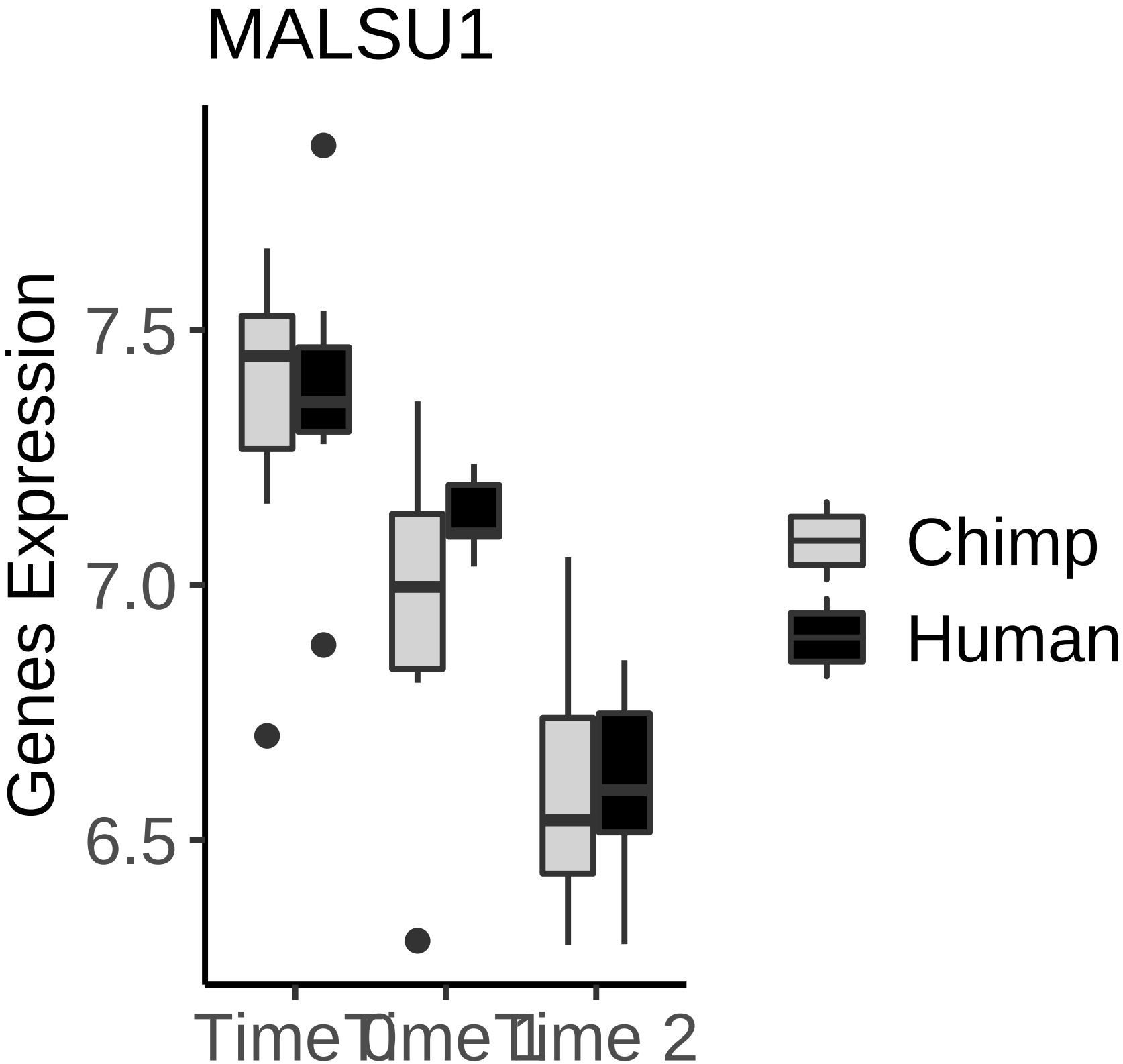
MALSU1
Genes Expression
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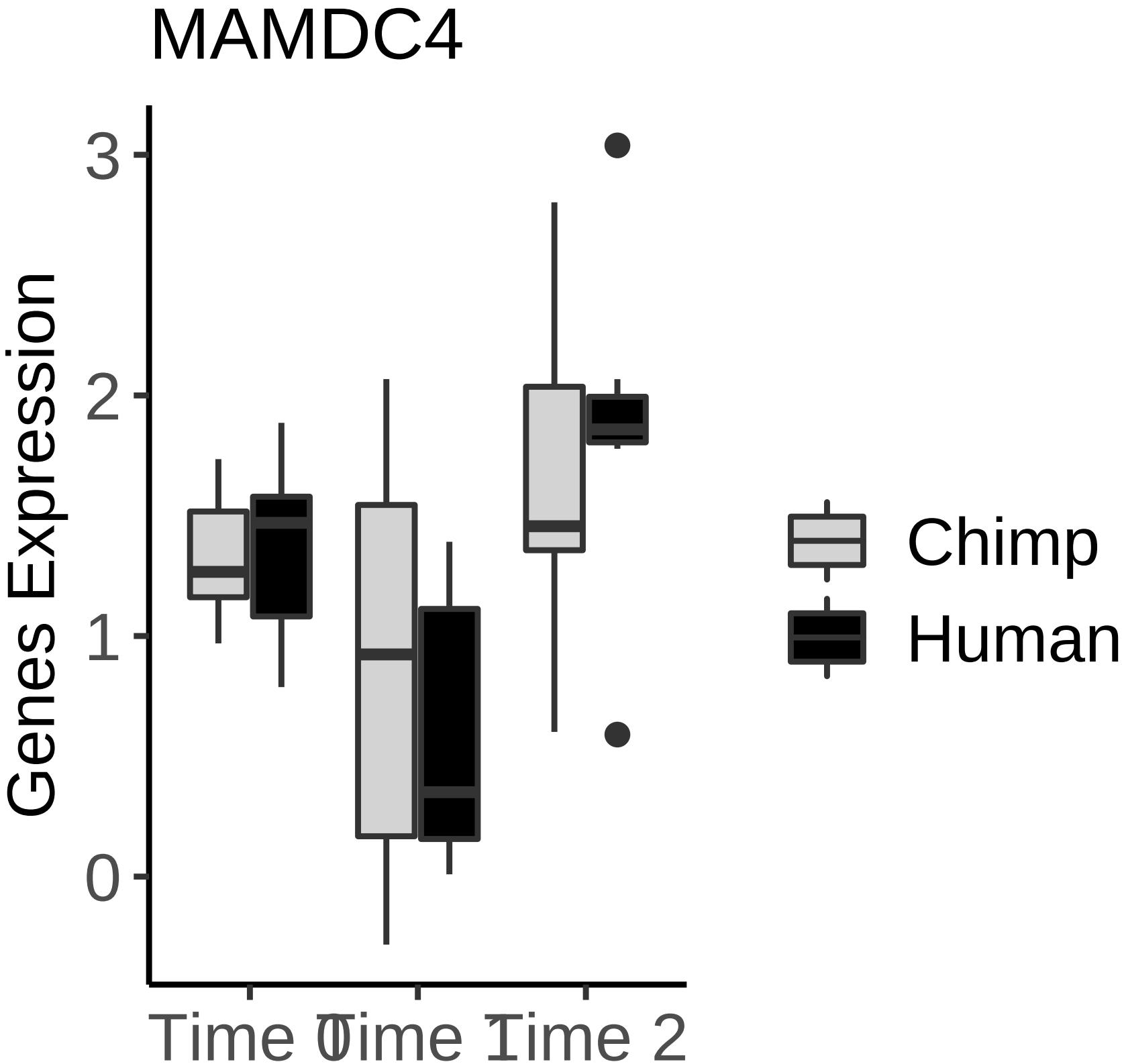
6.5
Time 0
Time 1
Time 2
Chimp
Human


MAMDC4
Genes Expression
3
2
1
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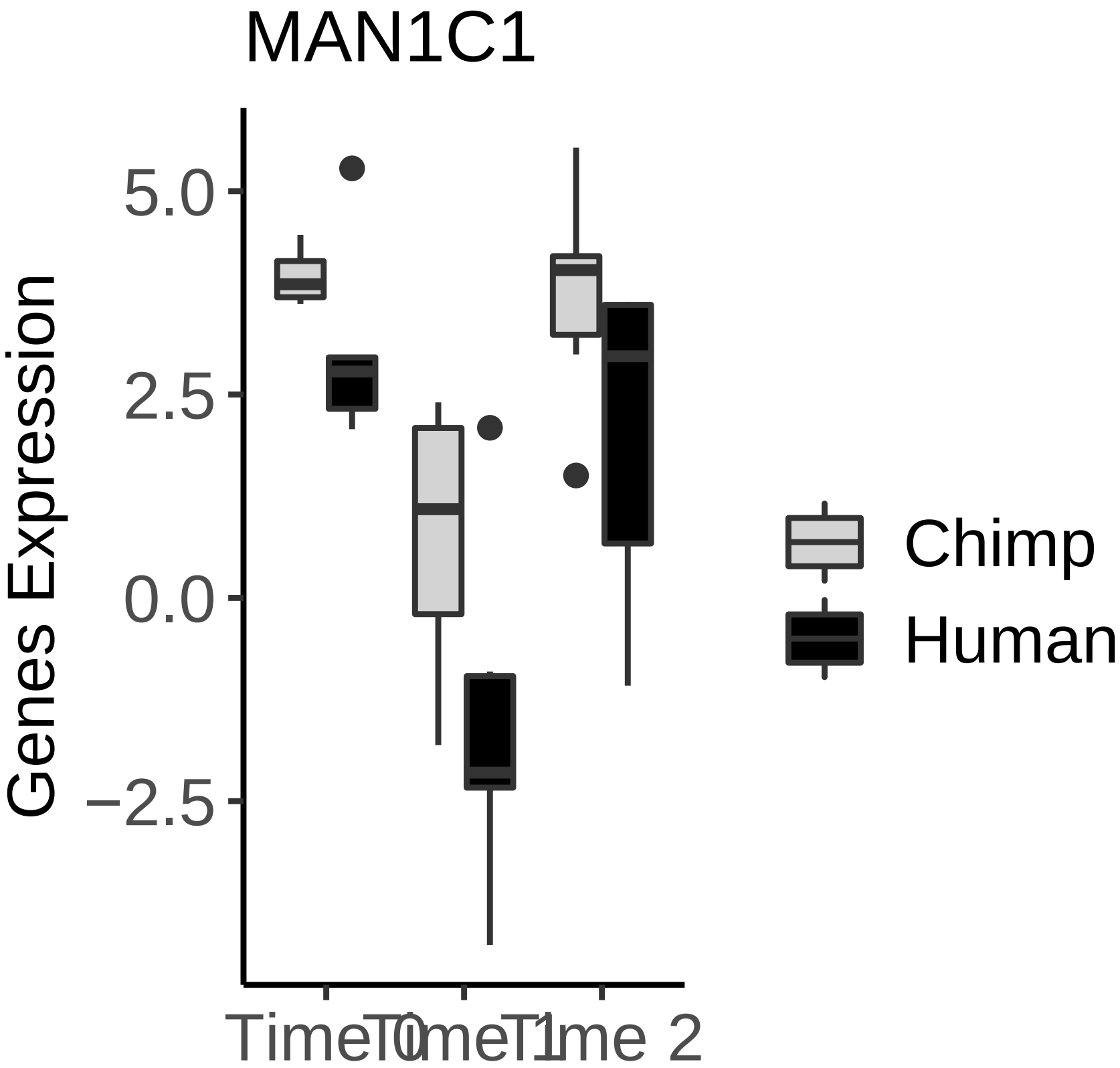
Time 0
Time 1
Time 2
Chimp
Human


MAN1C1
Genes Expression
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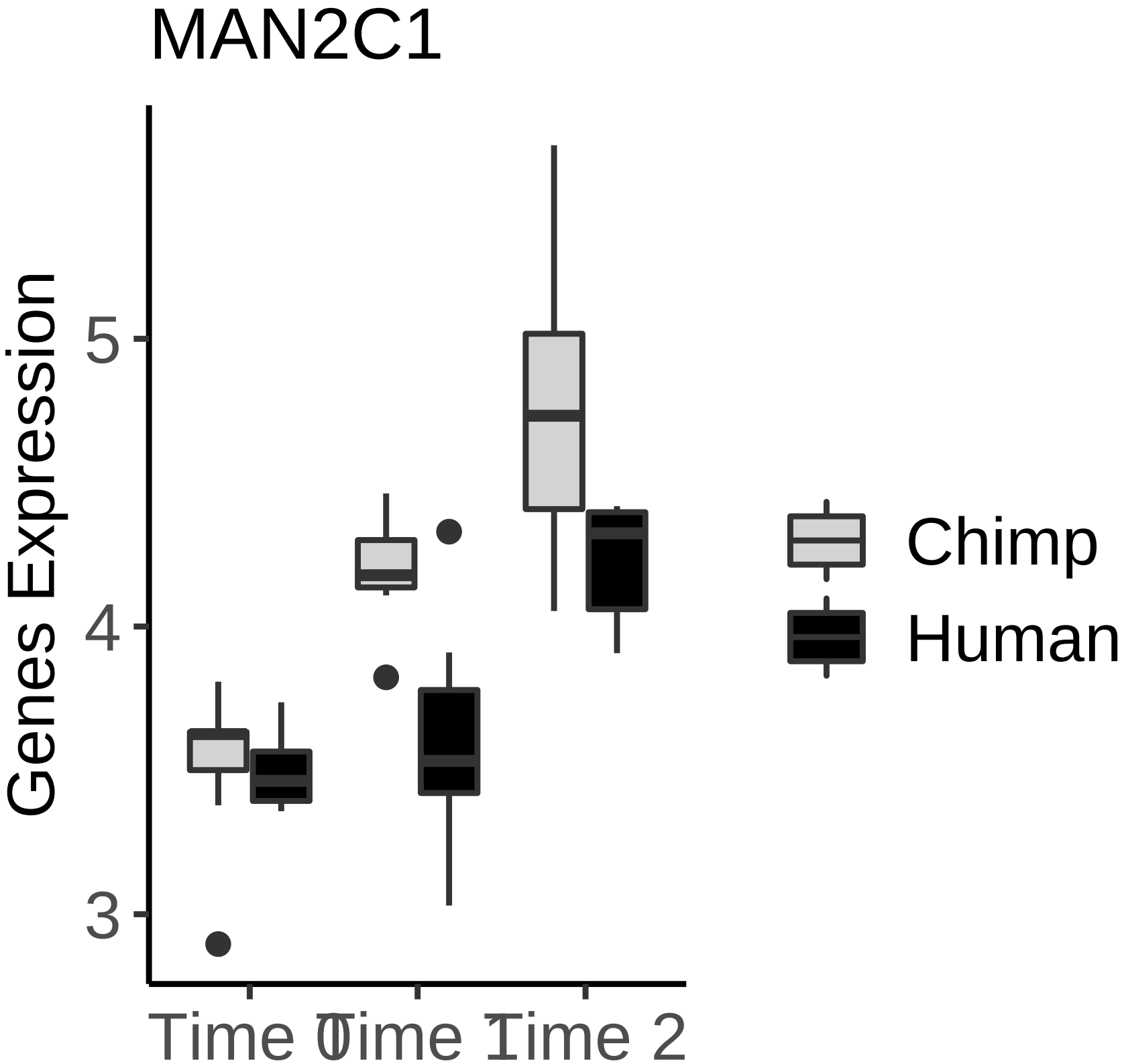
−2.5
Time 0
Time 1
Time 2
Chimp
Human


MAN2C1
Genes Expression
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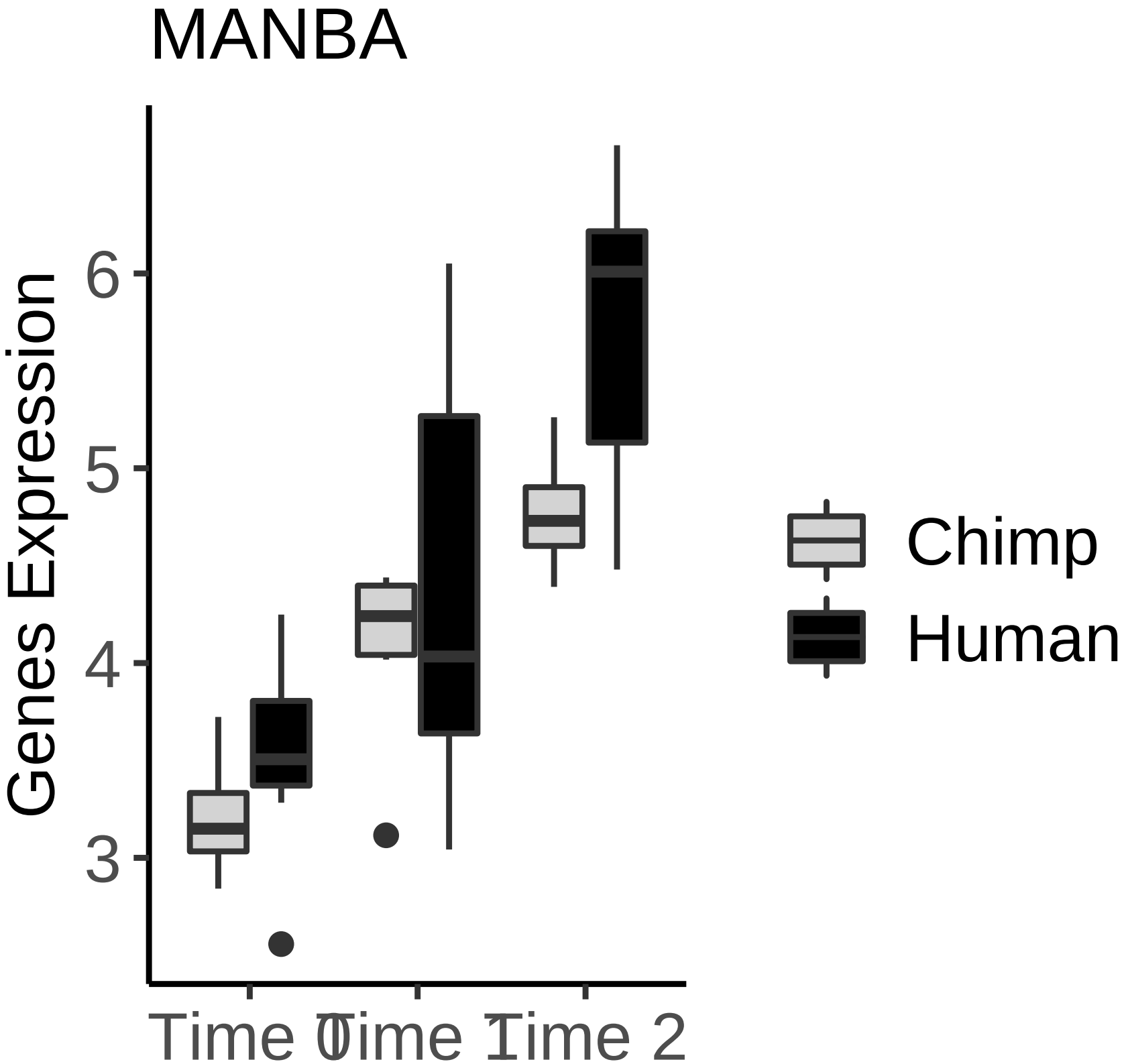
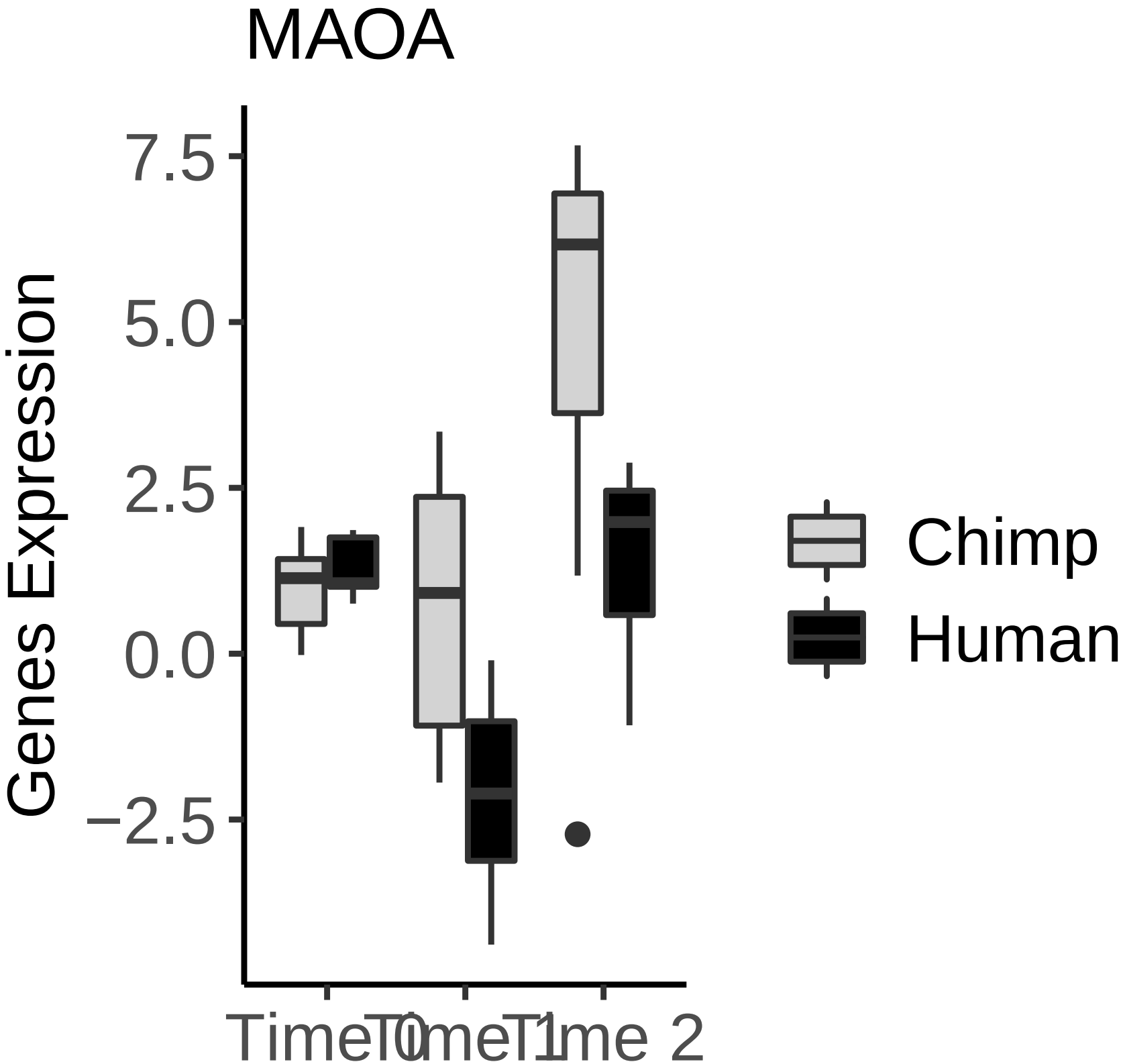
4
3
Time 0
Time 1
Time 2
Chimp
Human


MANBA
Genes Expression
6
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


MAOA
Genes Expression
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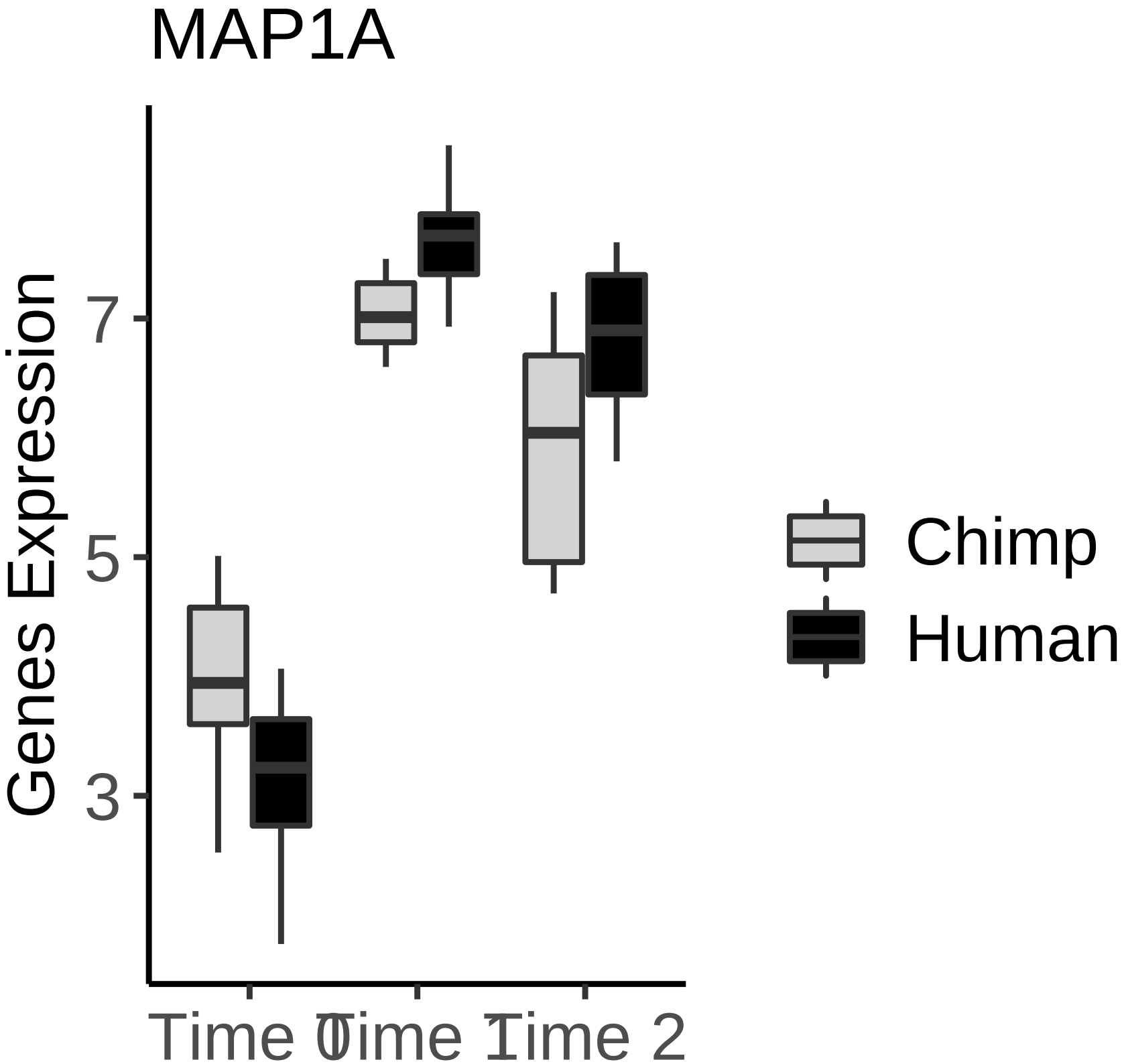
5.0
2.5
0.0
−2.5
Time 0
Time 1
Time 2
Chimp
Human


MAP1A
Genes Expression
7
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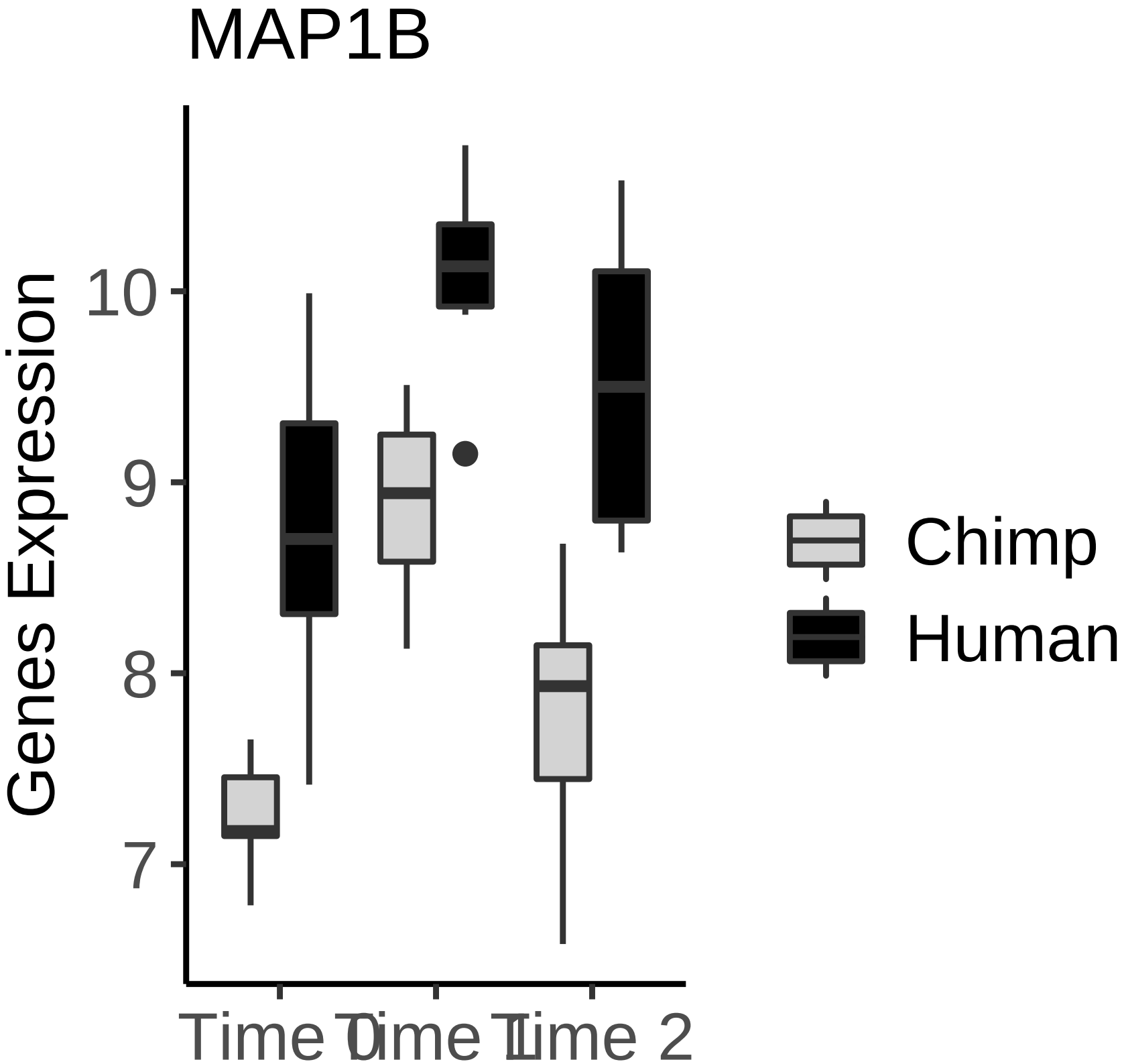
3
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
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Time 0
Time 1
Time 2
Chimp
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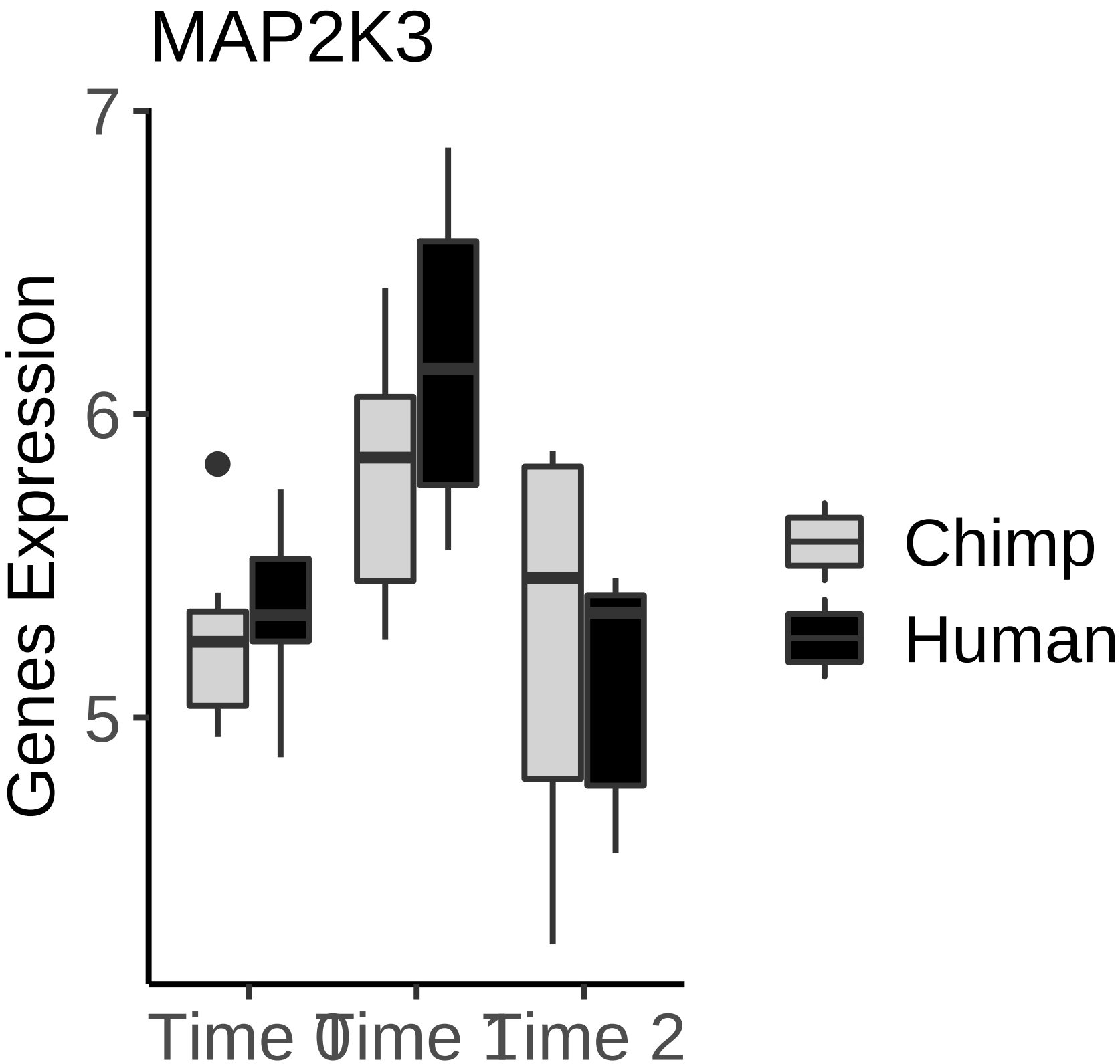
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Genes Expression
7
6
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Time 0
Time 1
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Chimp
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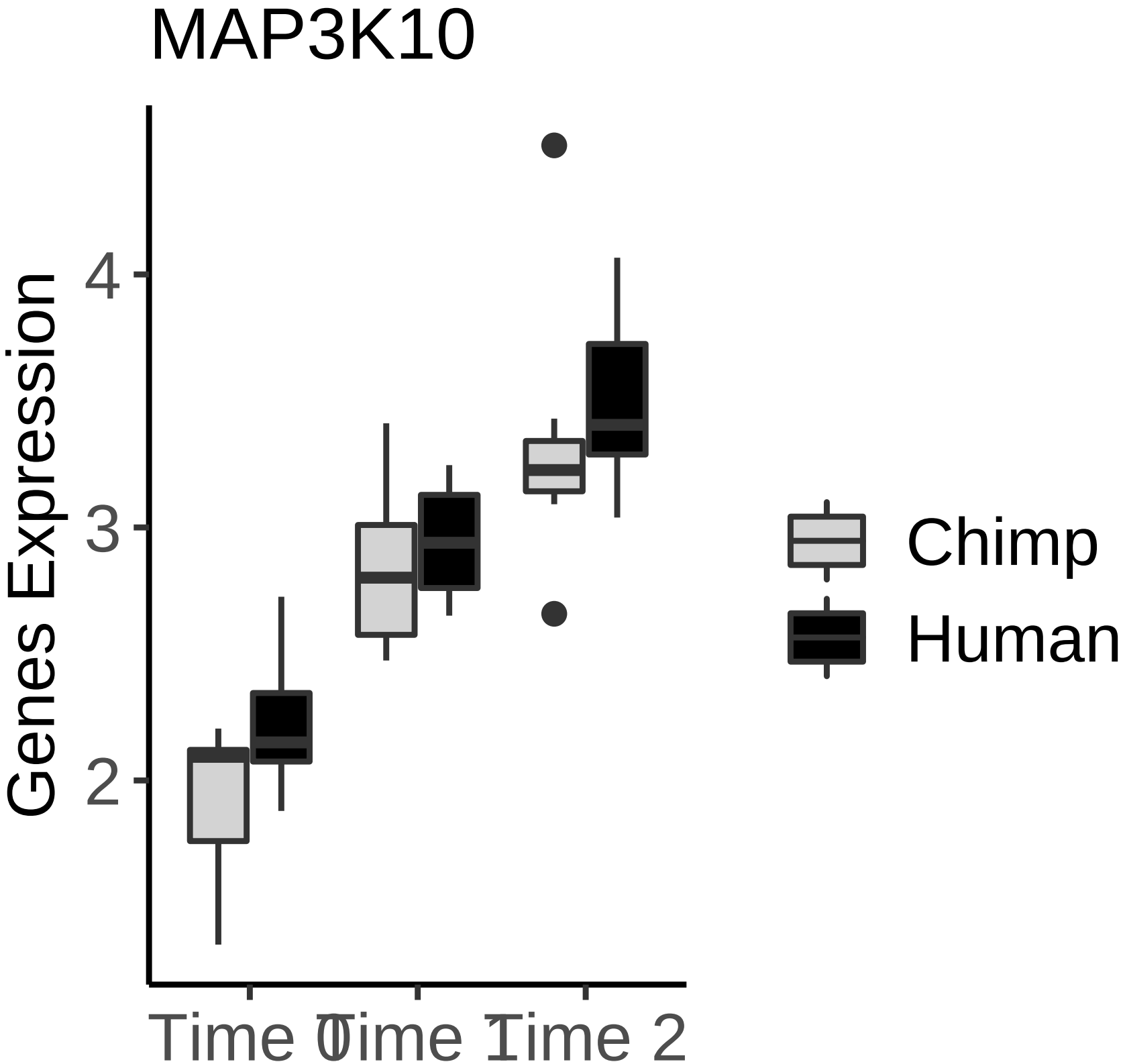
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Genes Expression
4
3
2
Time 0
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Time 2
Chimp
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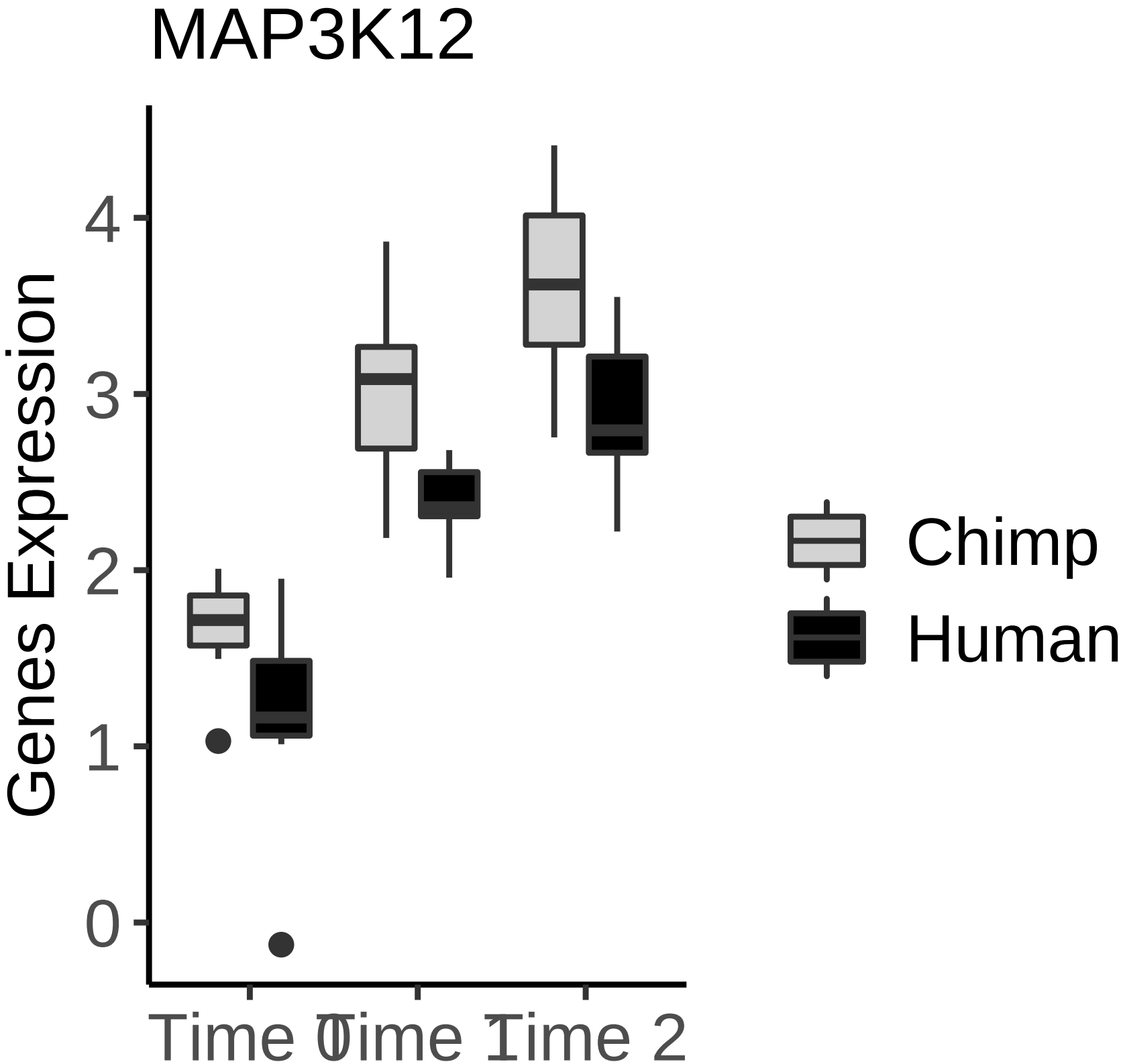
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4
3
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Time 0
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Time 2
Chimp
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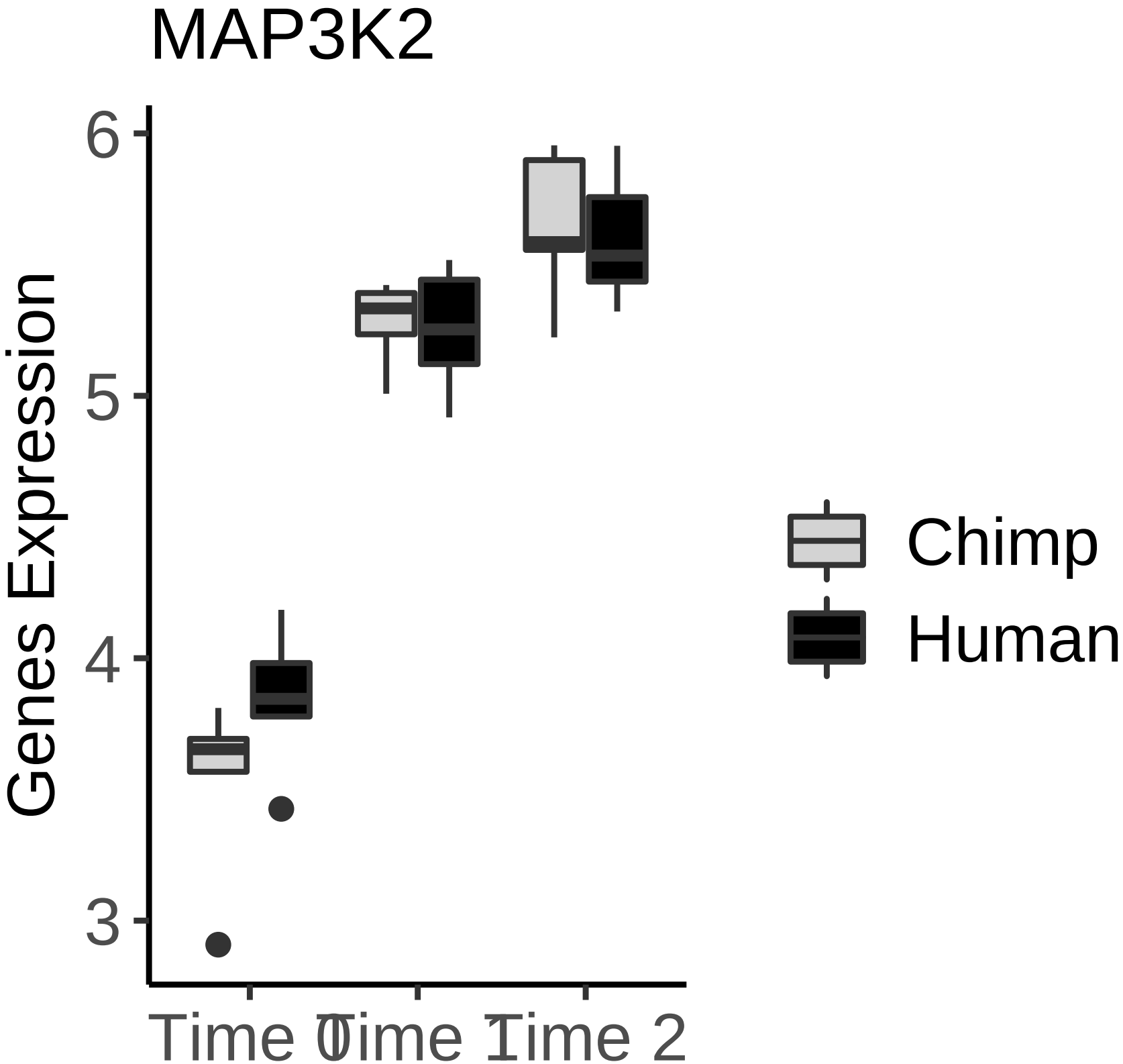
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Genes Expression
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4
3
Time 0
Time 1
Time 2
Chimp
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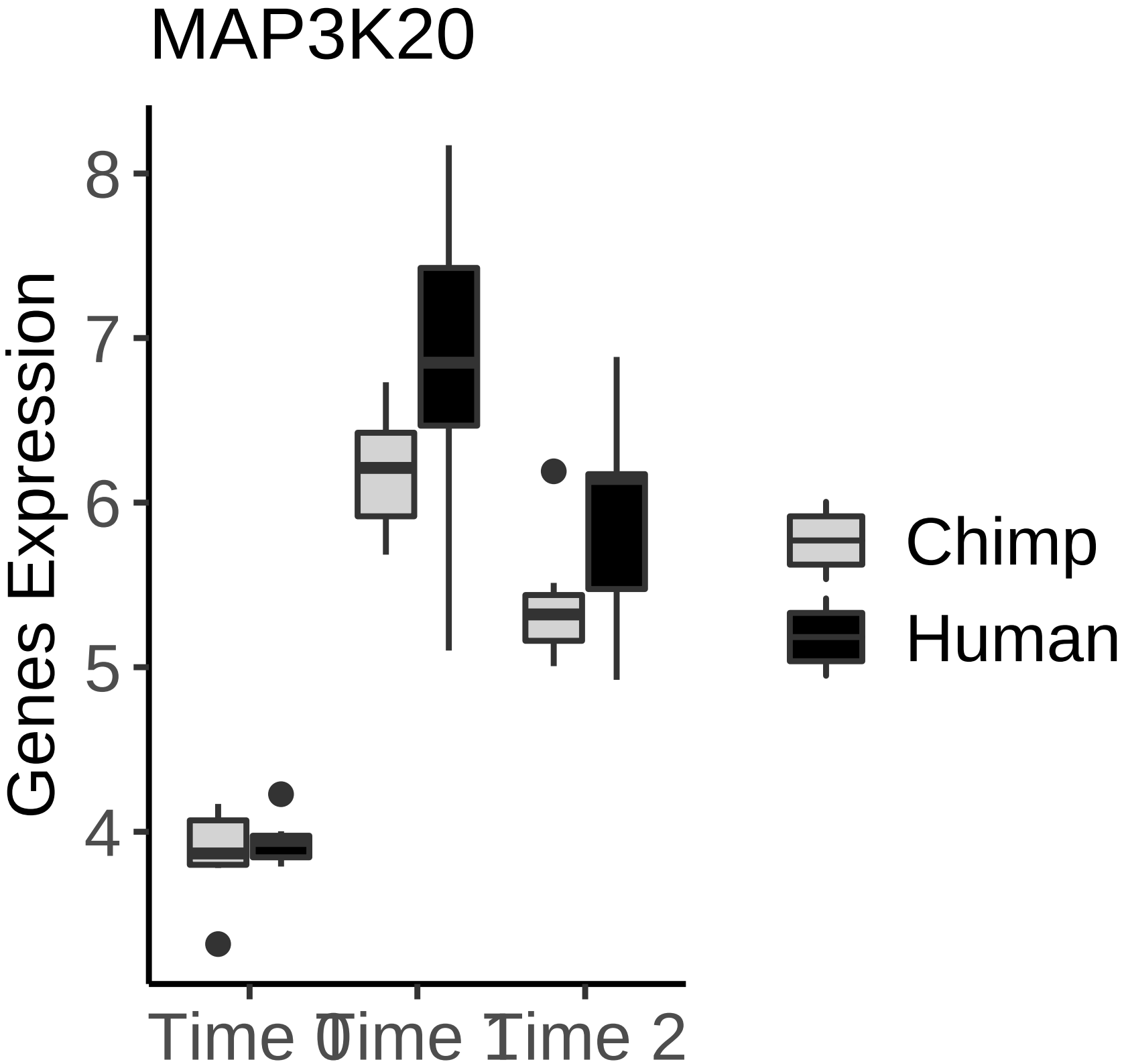
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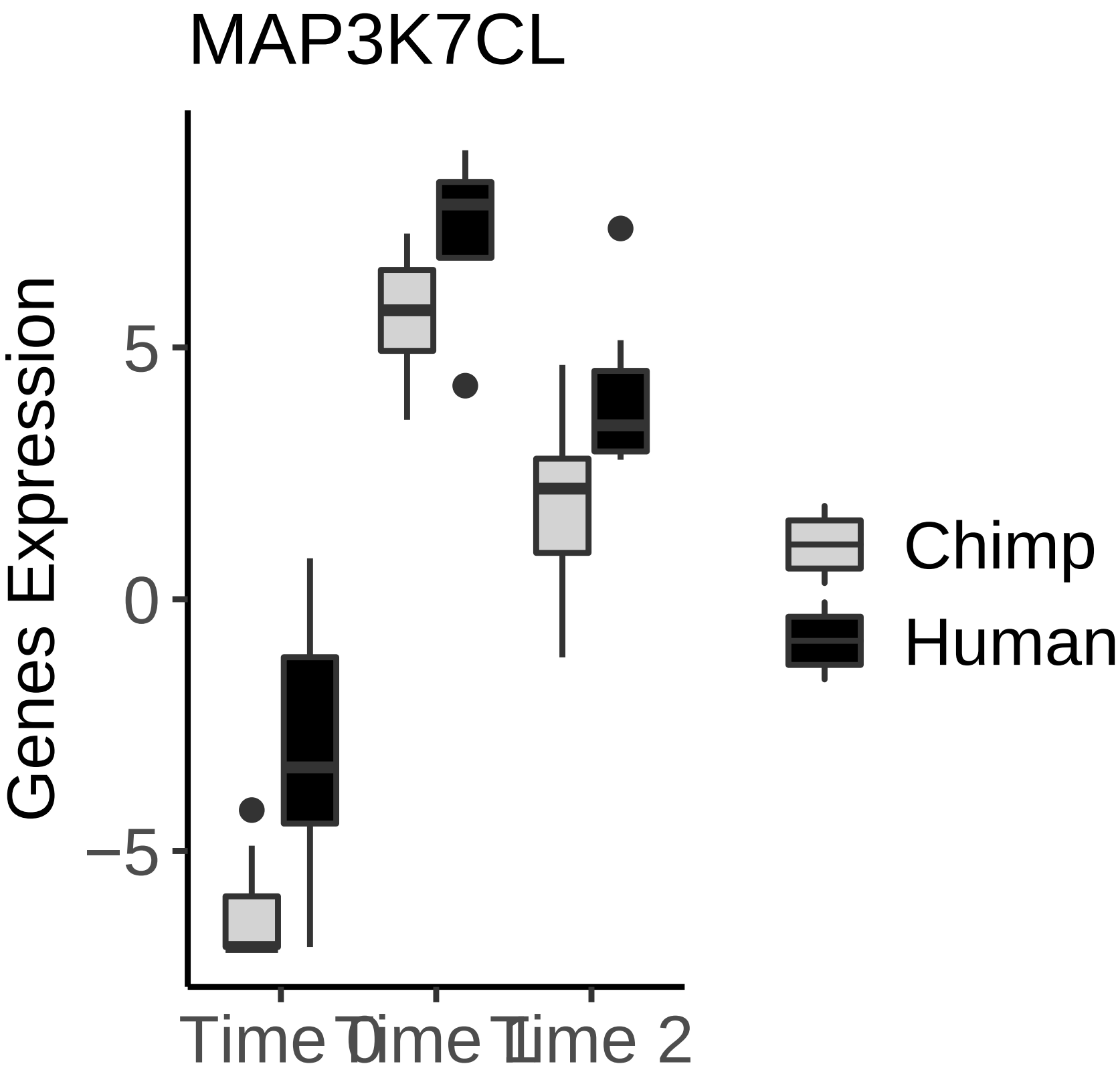
MAP3K7CL
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5
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Time 2
Chimp
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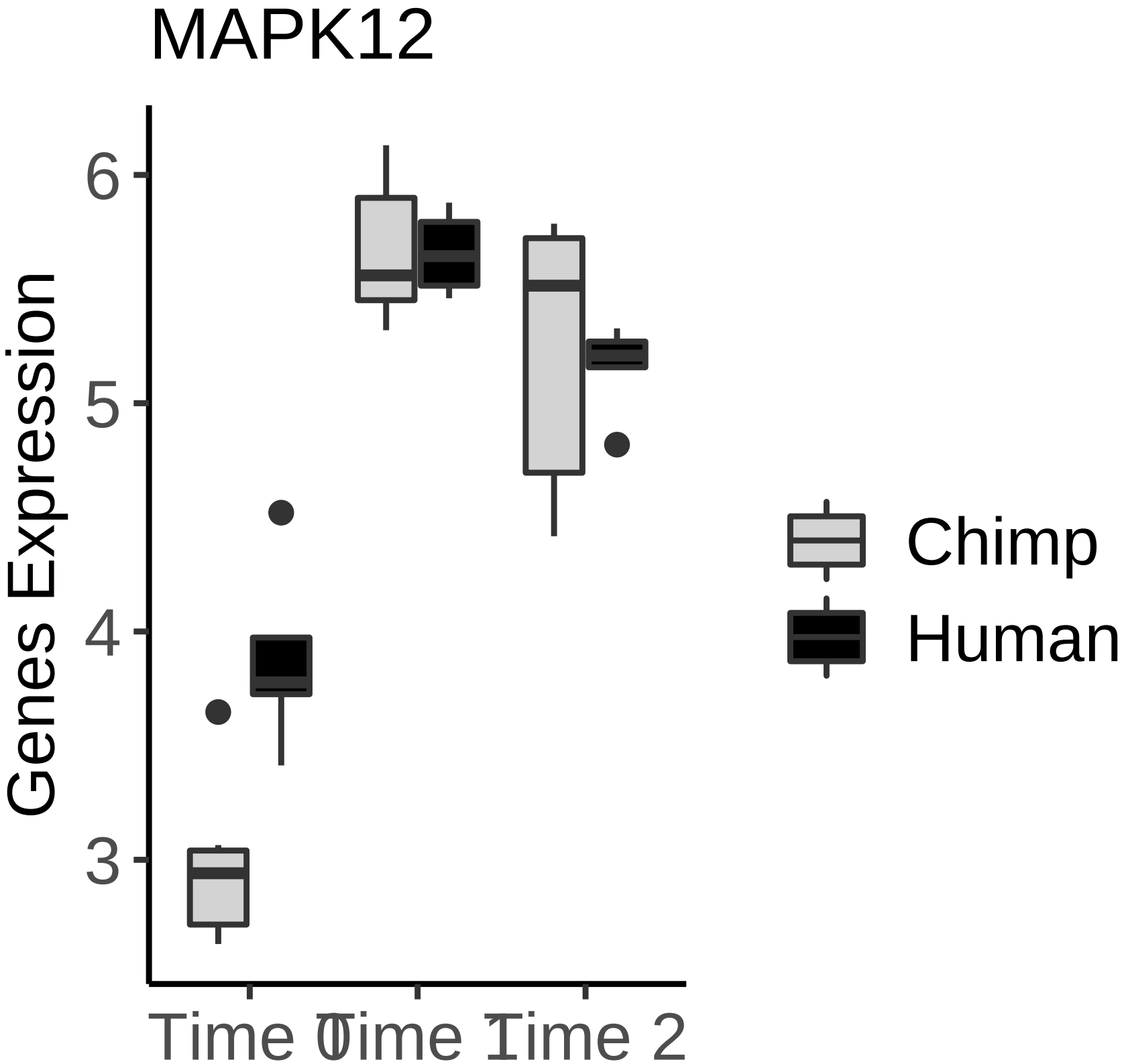
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Chimp
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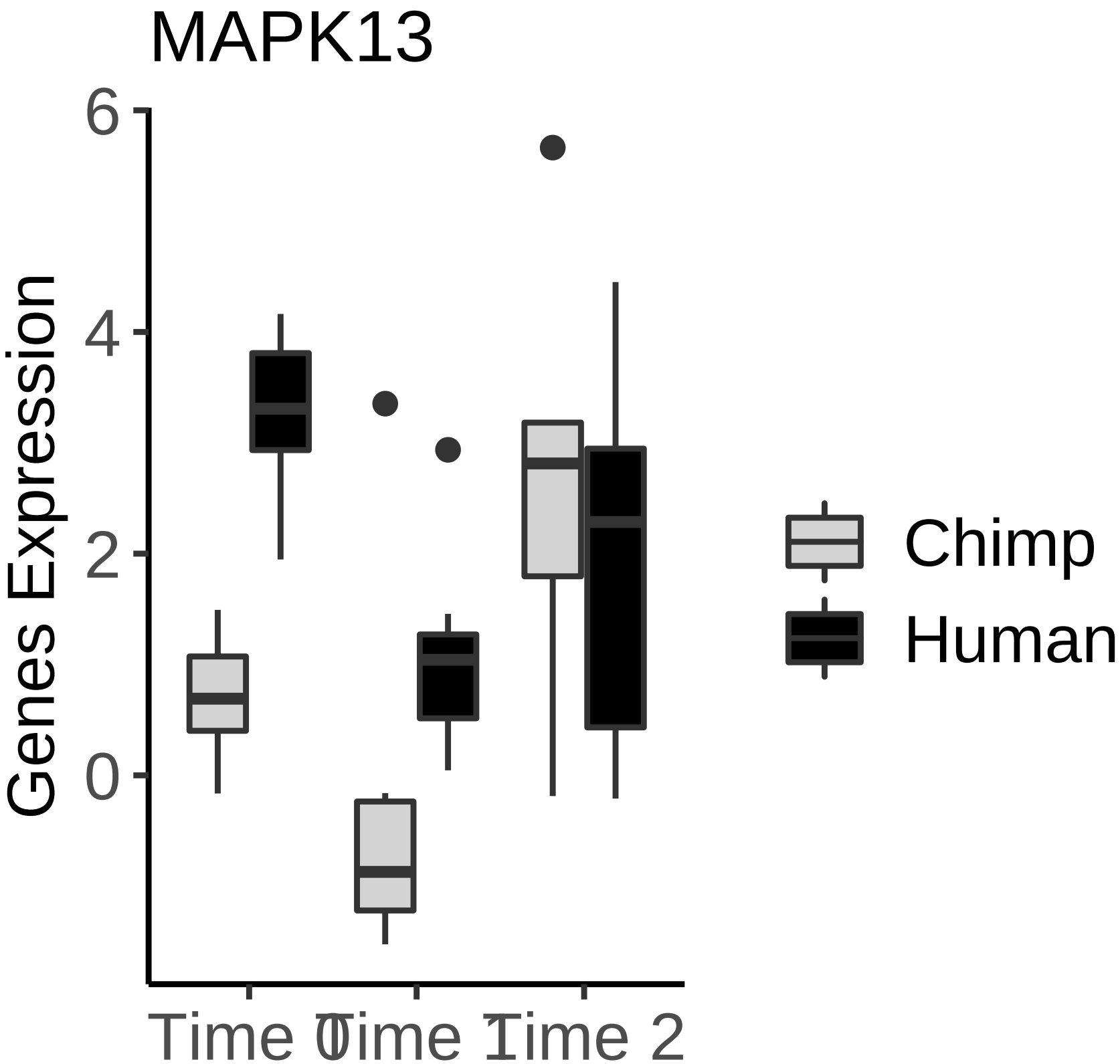
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Chimp
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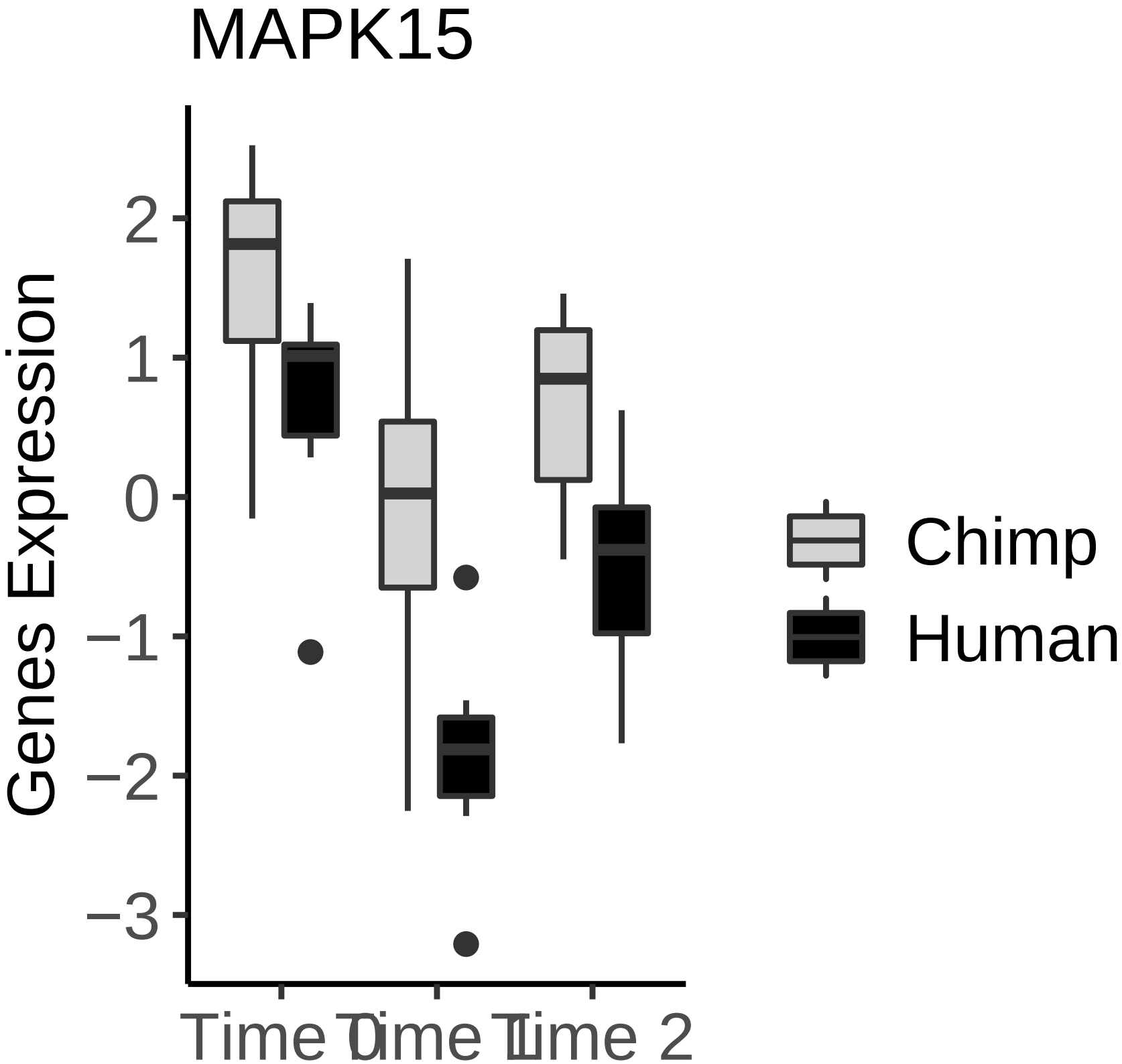
MAPK15
Genes Expression
2
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−2
−3
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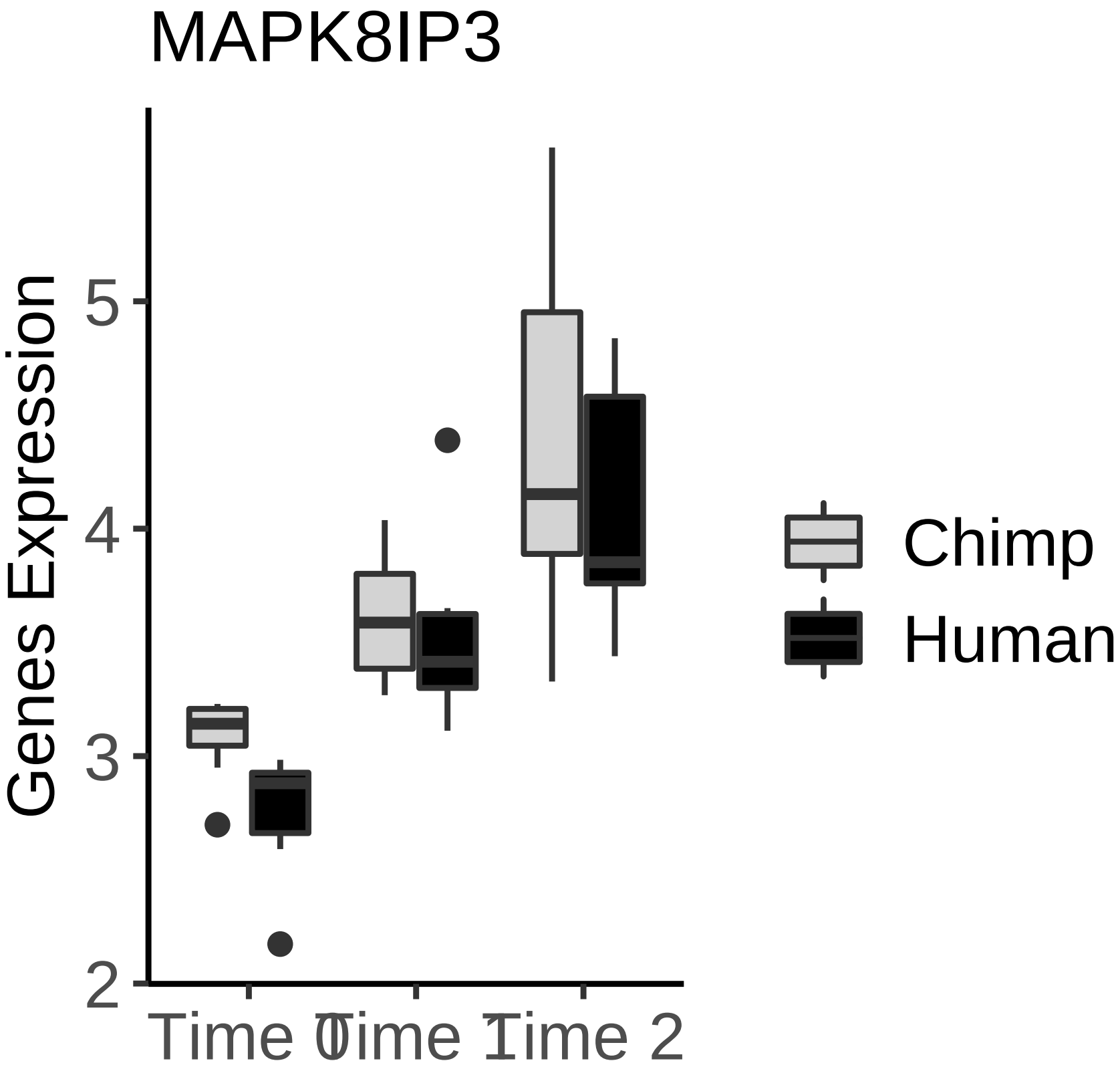
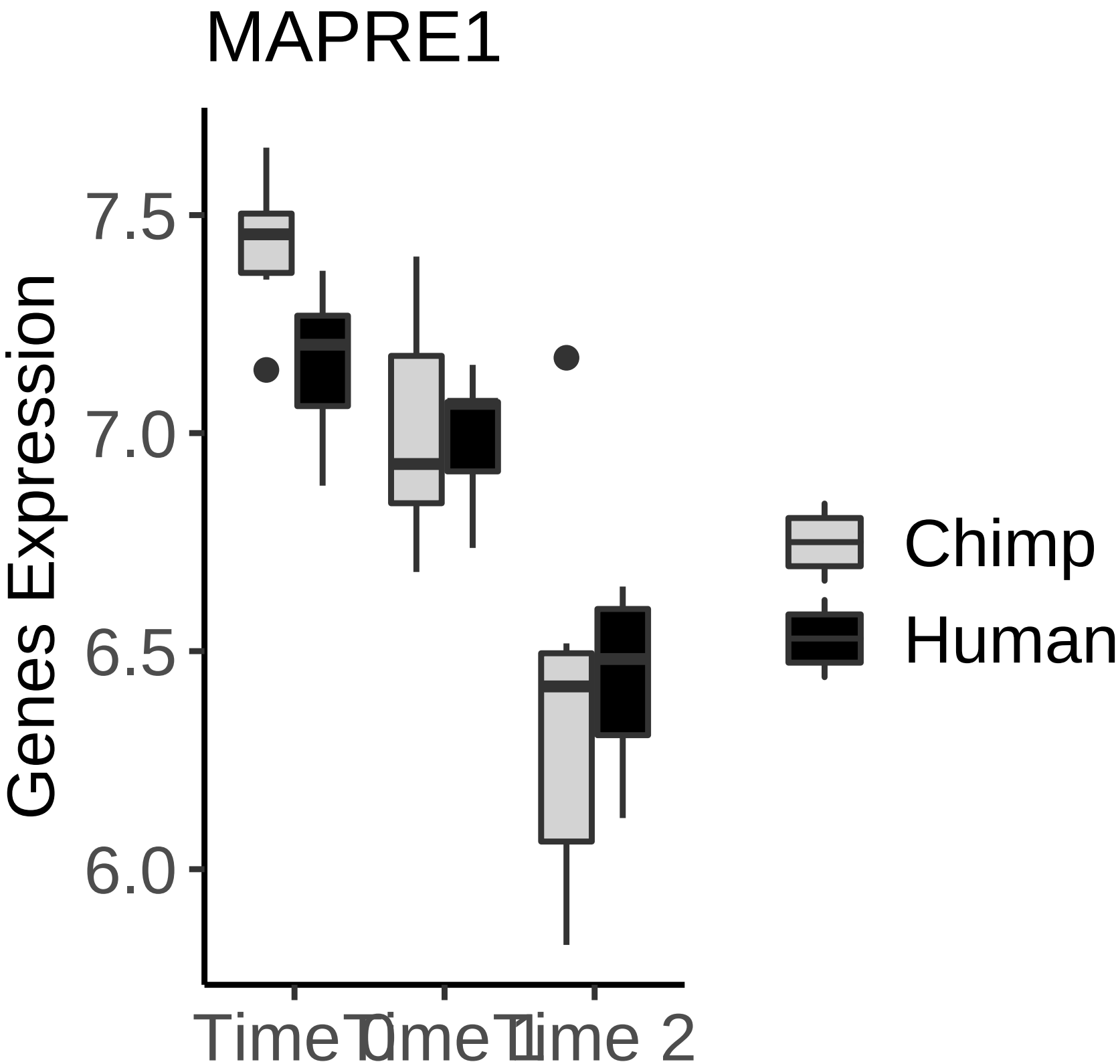
Time 1
Time 2
Chimp
Human


MAPK8IP3
Genes Expression
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human


MAPRE1
Genes Expression
7.5
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6.5
6.0
Time 0
Time 1
Time 2
Chimp
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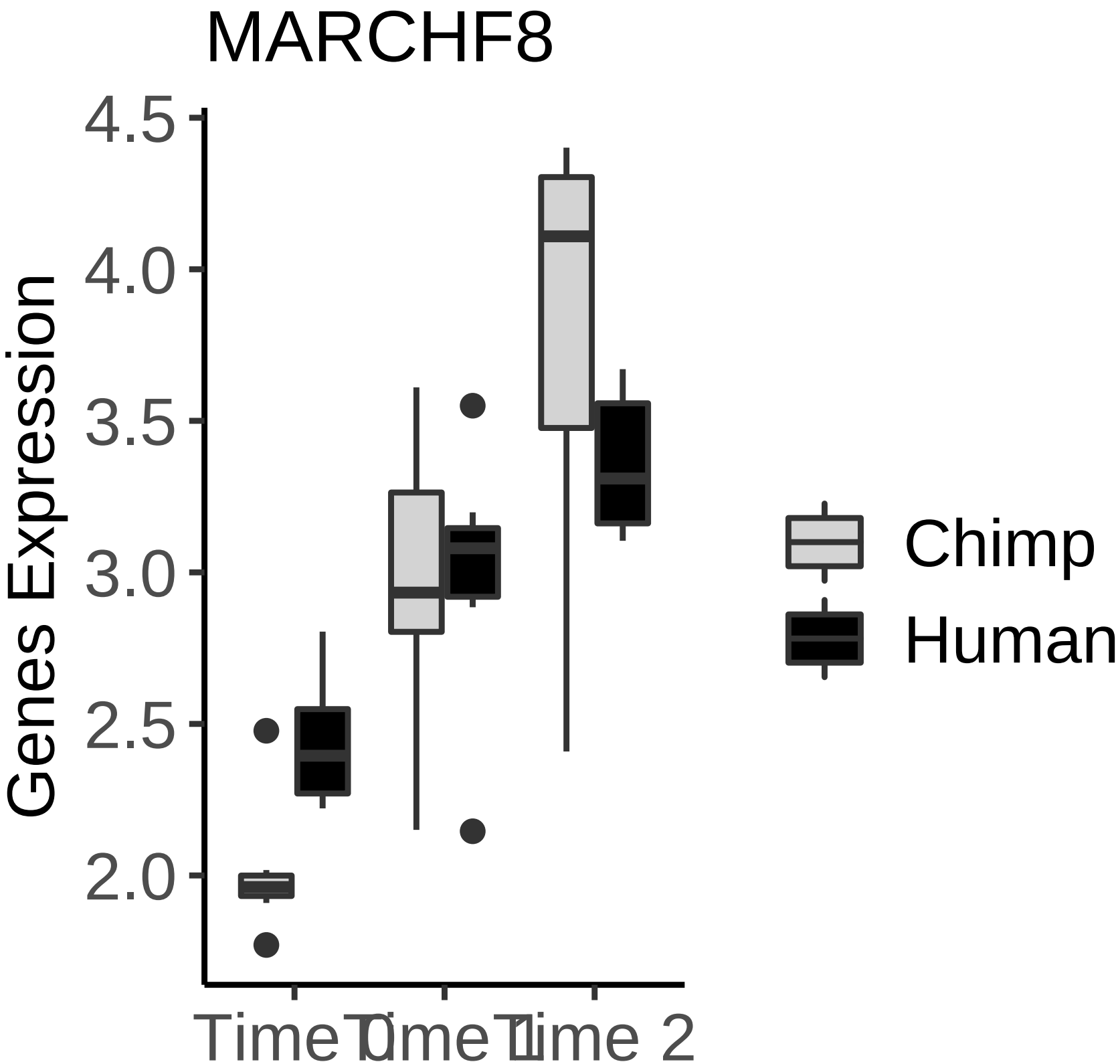
MARCHF8
Genes Expression
4.5
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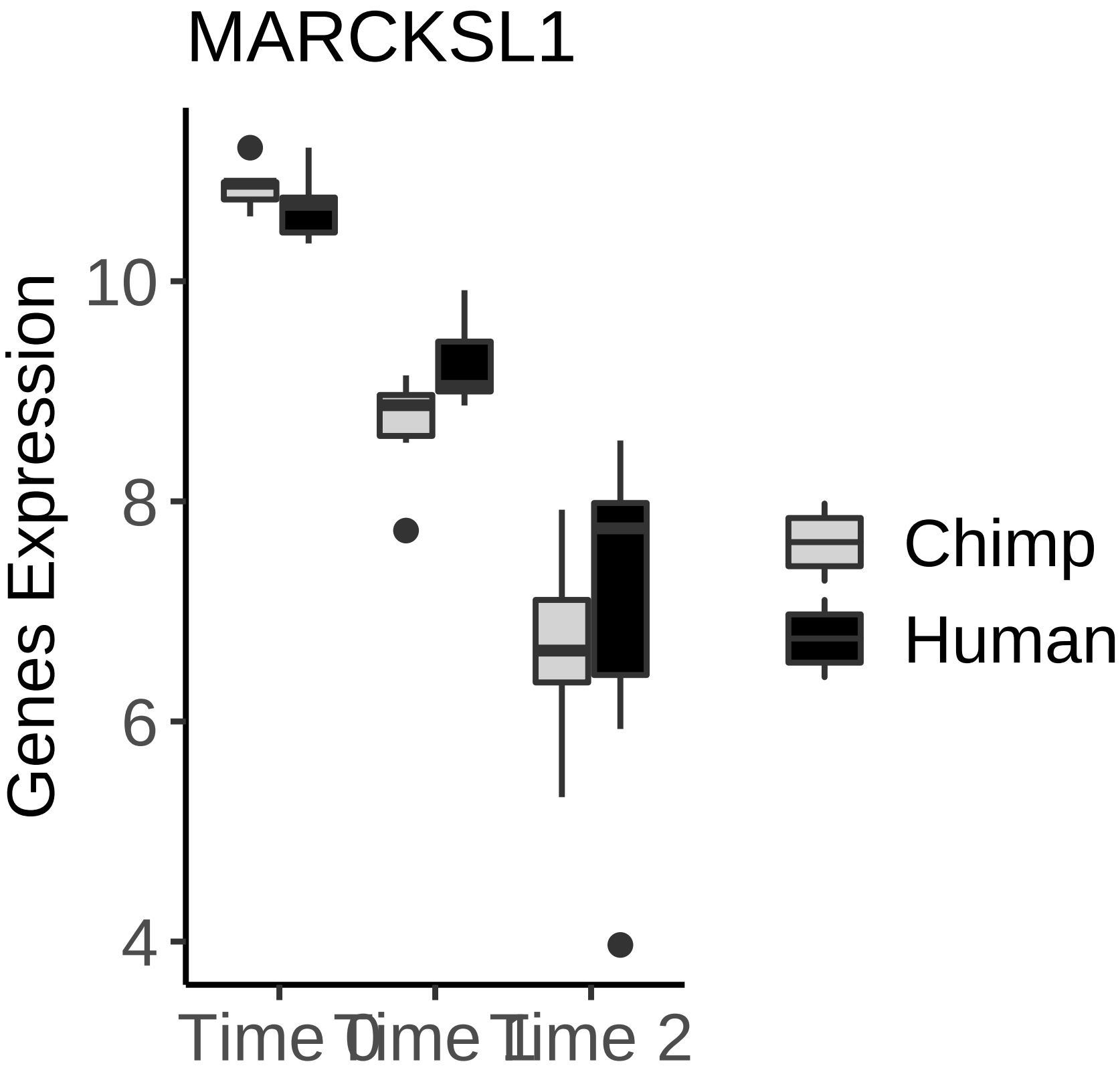
3.5
3.0
2.5
2.0
Time 0
Time 1
Time 2
Chimp
Human


MARCKSL1
Genes Expression
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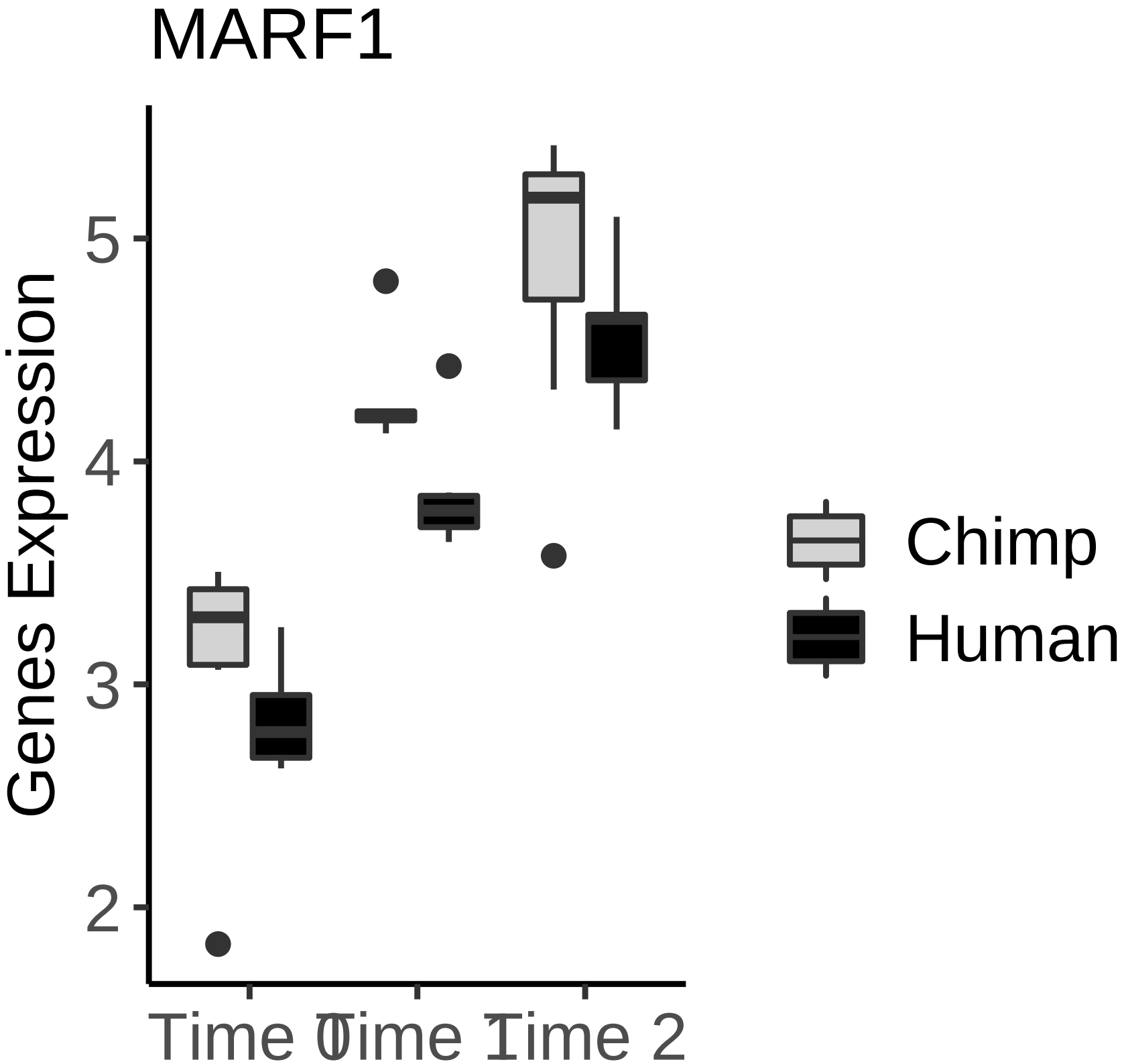
8
6
4
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
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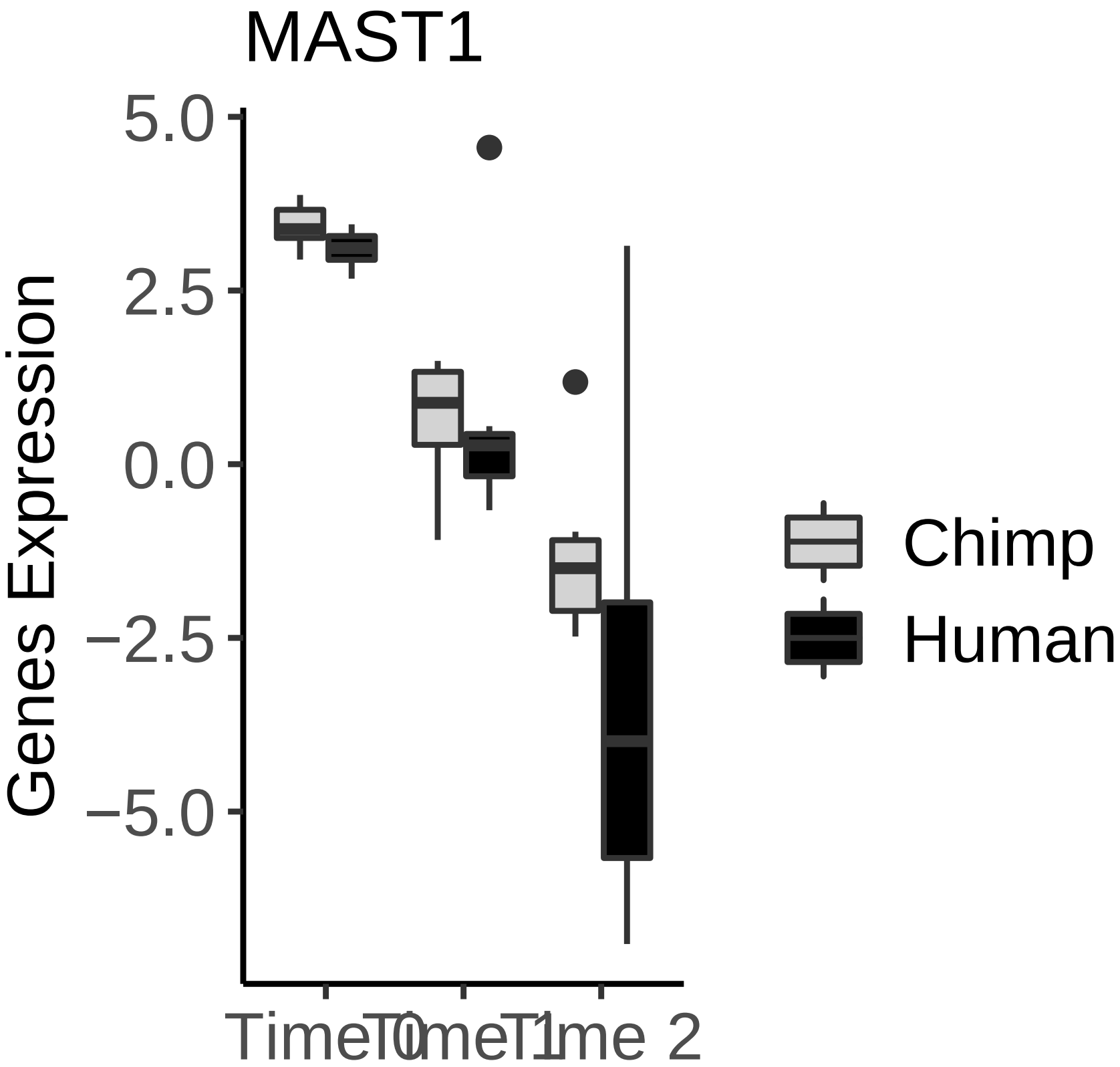
4
3
2
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
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−5.0
Time 0
Time 1
Time 2
Chimp
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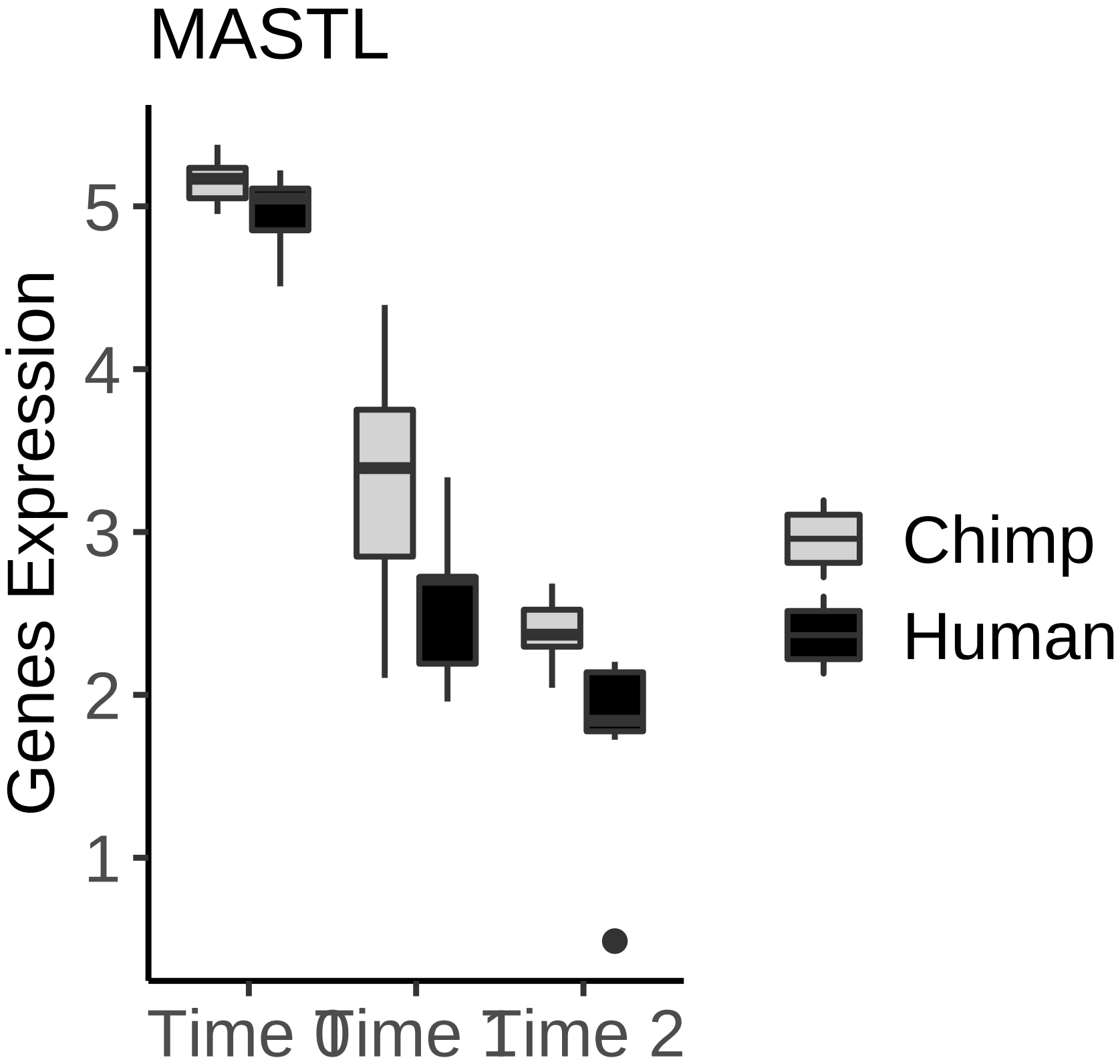
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Genes Expression
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2
1
Time 0
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Time 2
Chimp
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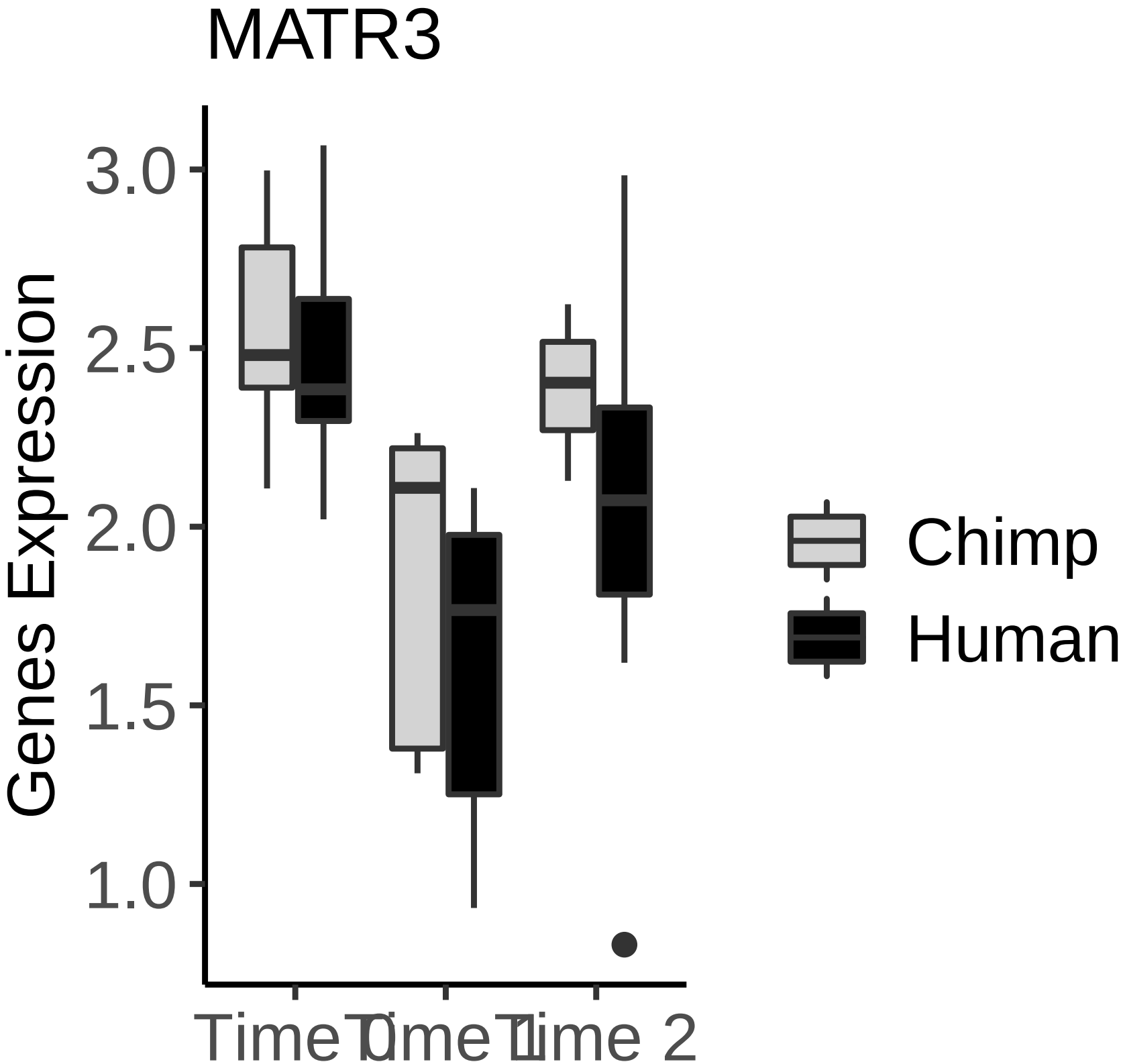
MATR3
Genes Expression
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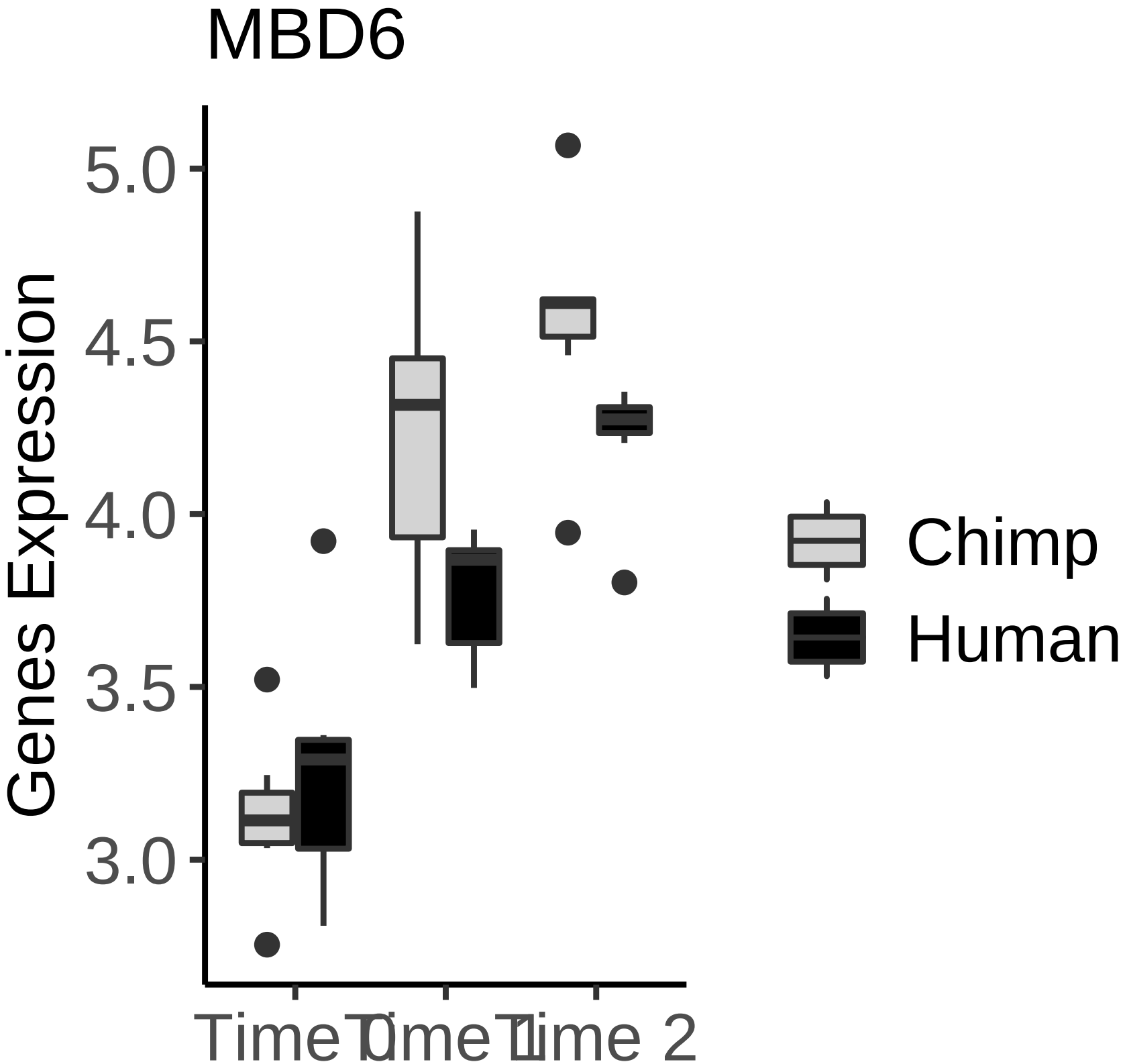
2.0
1.5
1.0
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
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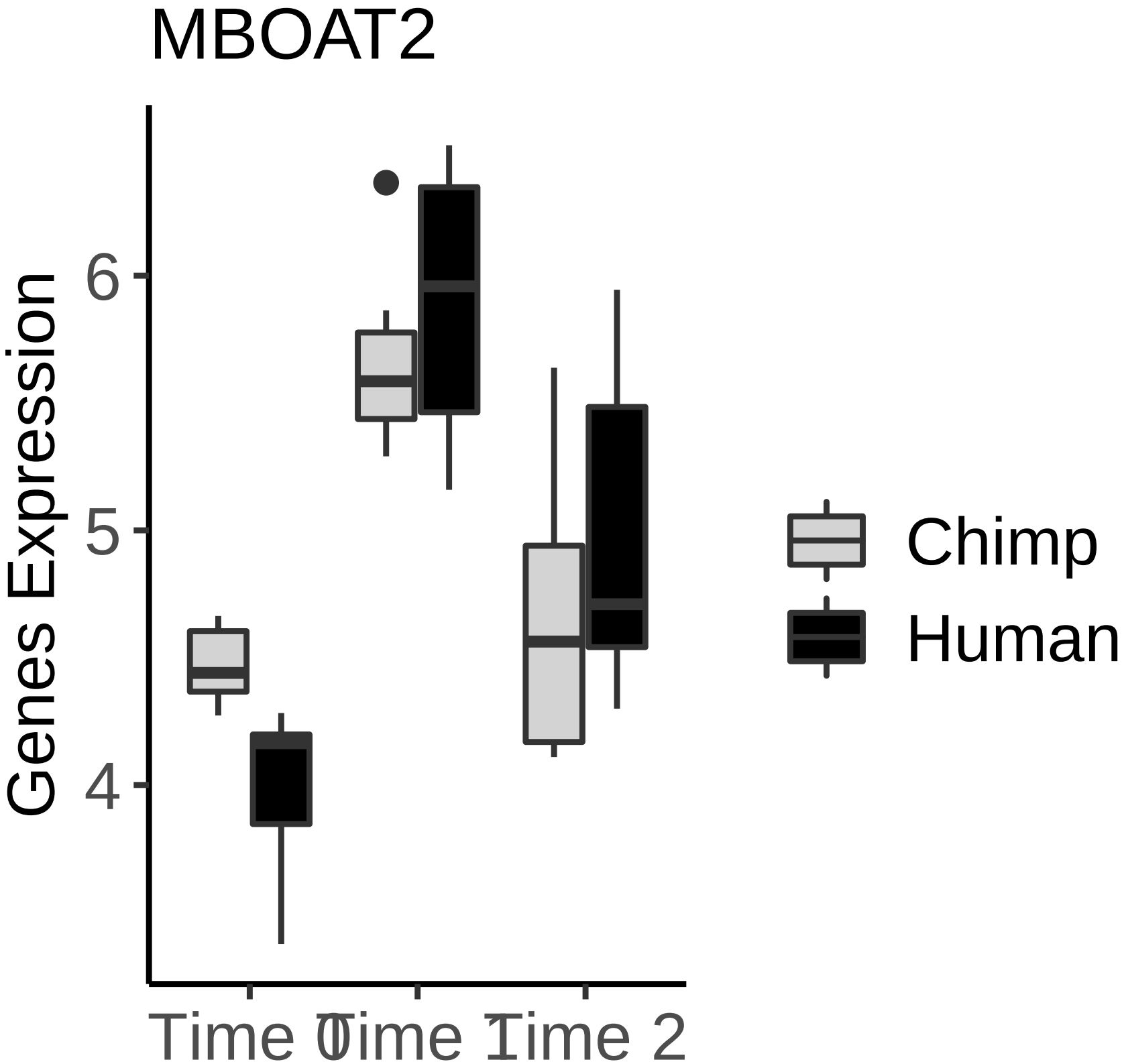
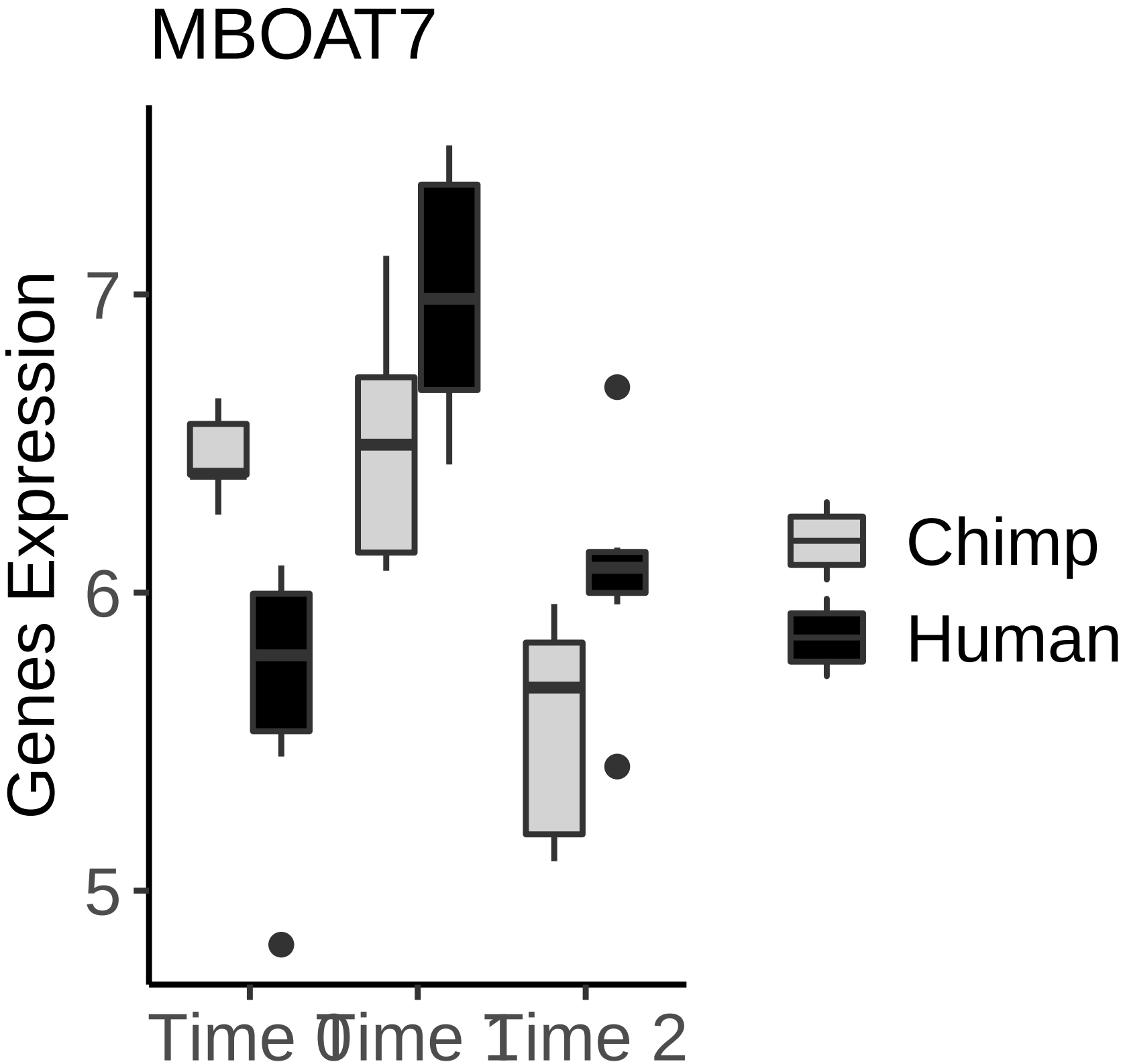
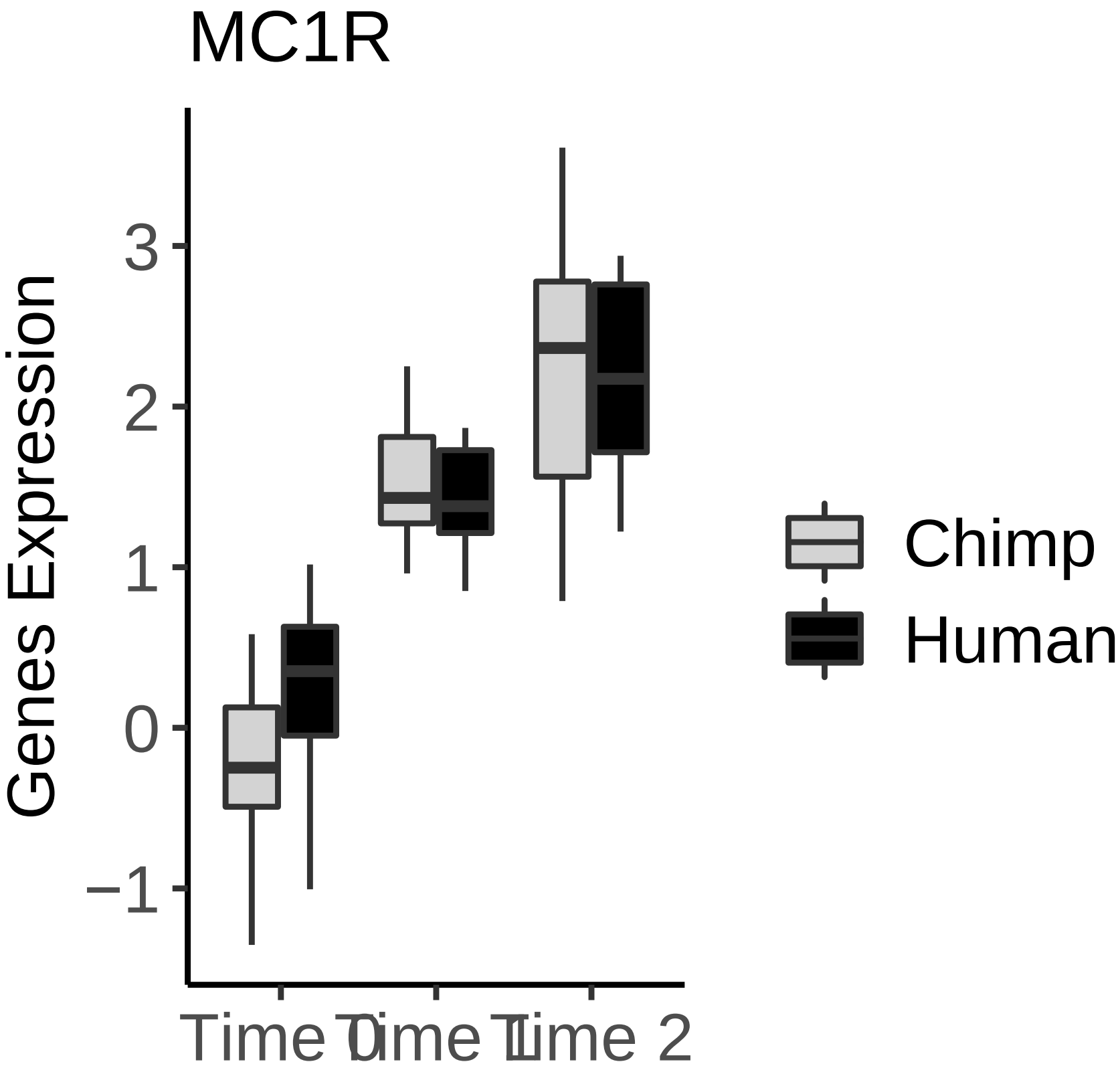
4.0
3.5
3.0
Time 0
Time 1
Time 2
Chimp
Human


MBOAT2
Genes Expression
6
5
4
Time 0
Time 1
Time 2
Chimp
Human


MBOAT7
Genes Expression
7
6
5
Time 0
Time 1
Time 2
Chimp
Human


MC1R
Genes Expression
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Time 2
Chimp
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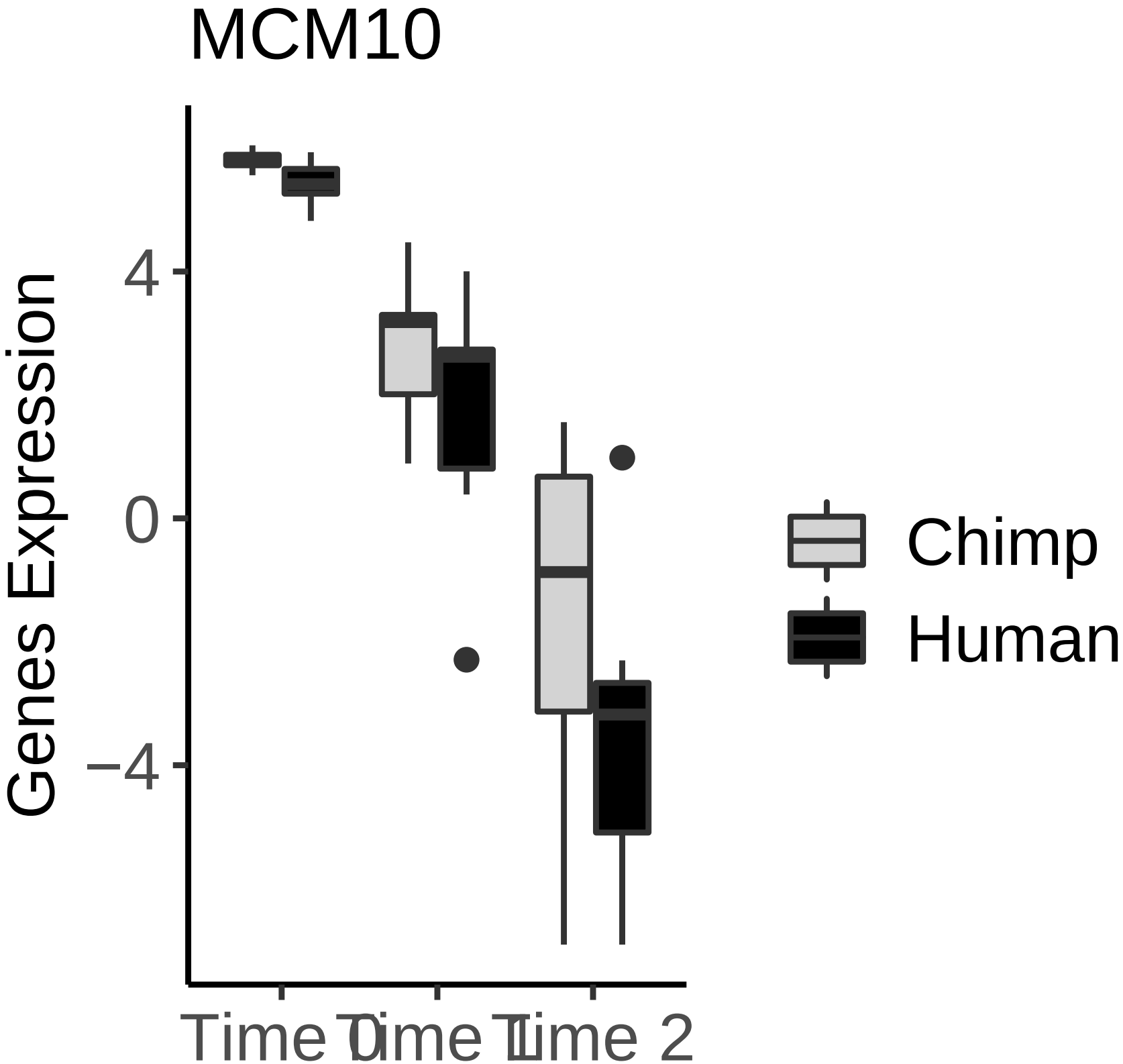
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Time 2
Chimp
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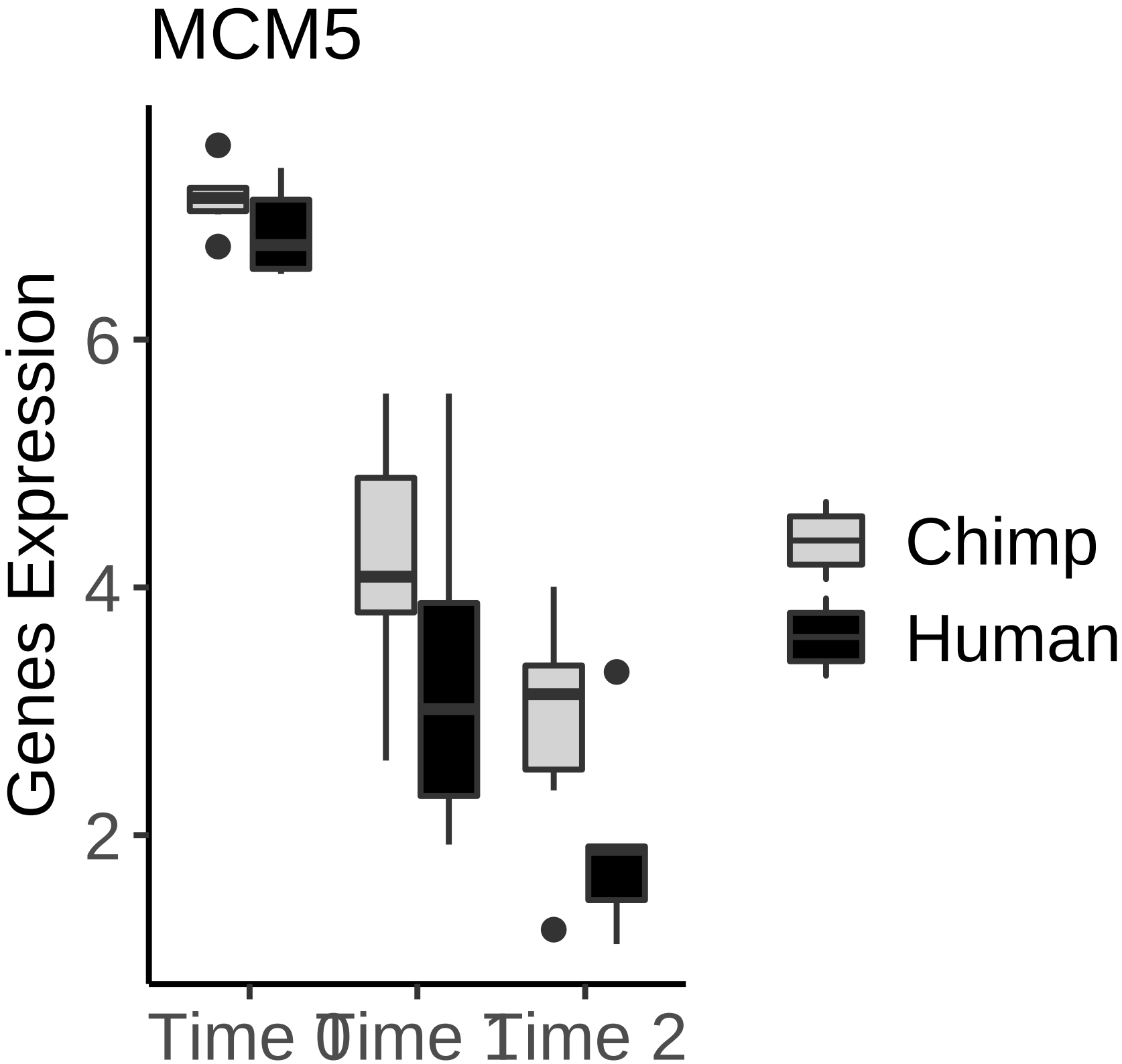
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Genes Expression
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2
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Chimp
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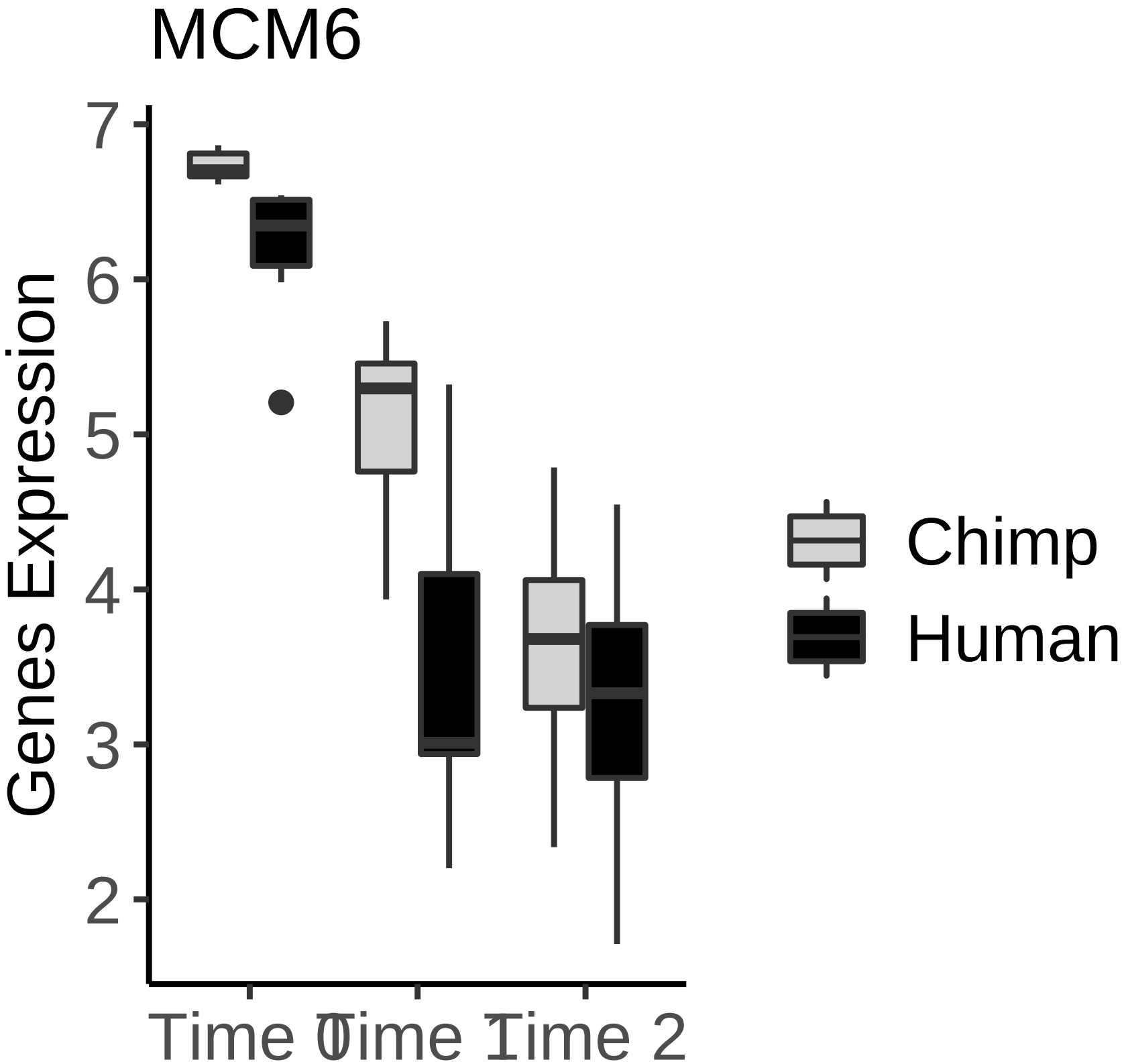
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Genes Expression
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Time 2
Chimp
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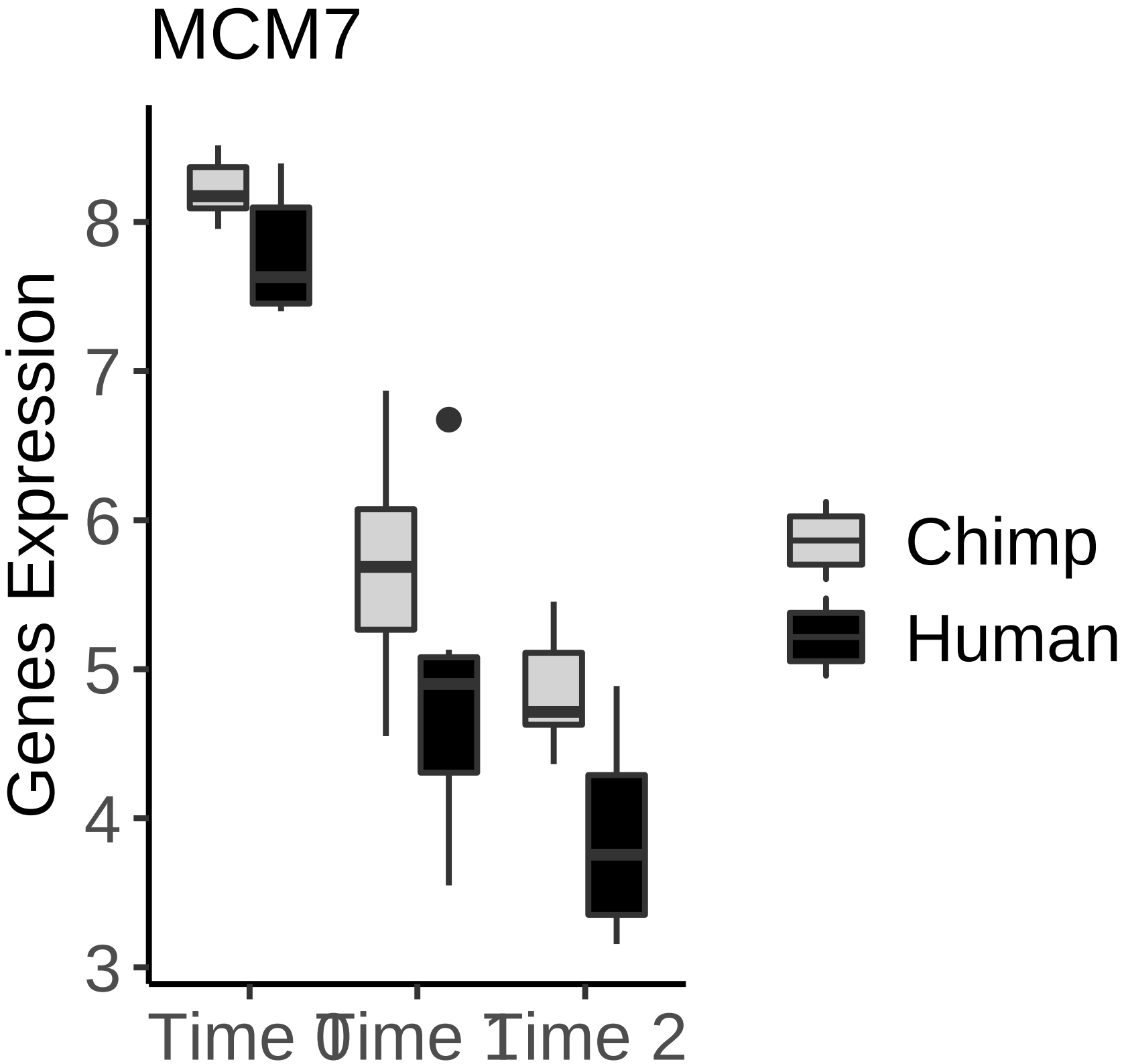
MCM7
Genes Expression
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Time 1
Time 2
Chimp
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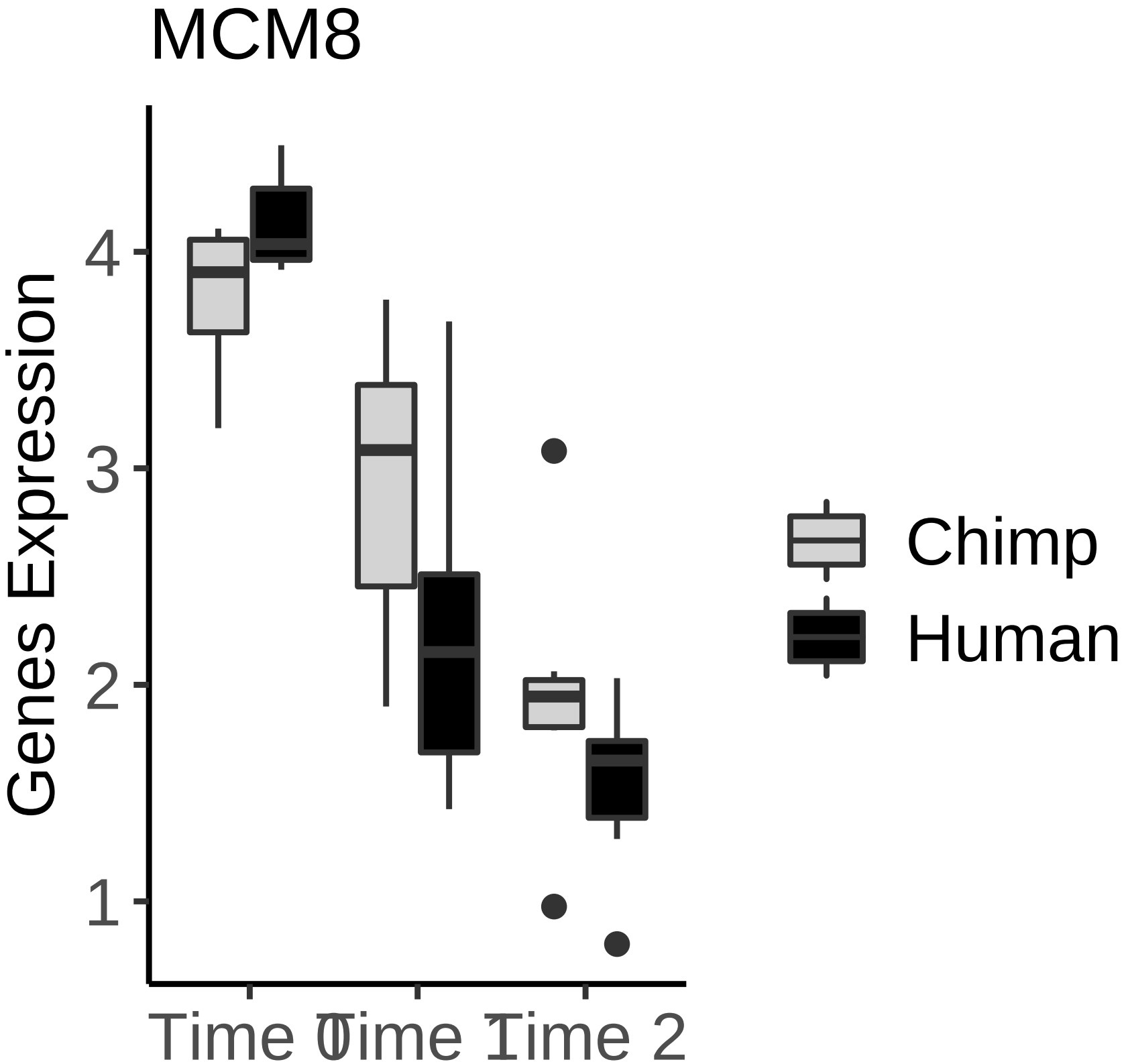
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Genes Expression
4
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2
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Time 2
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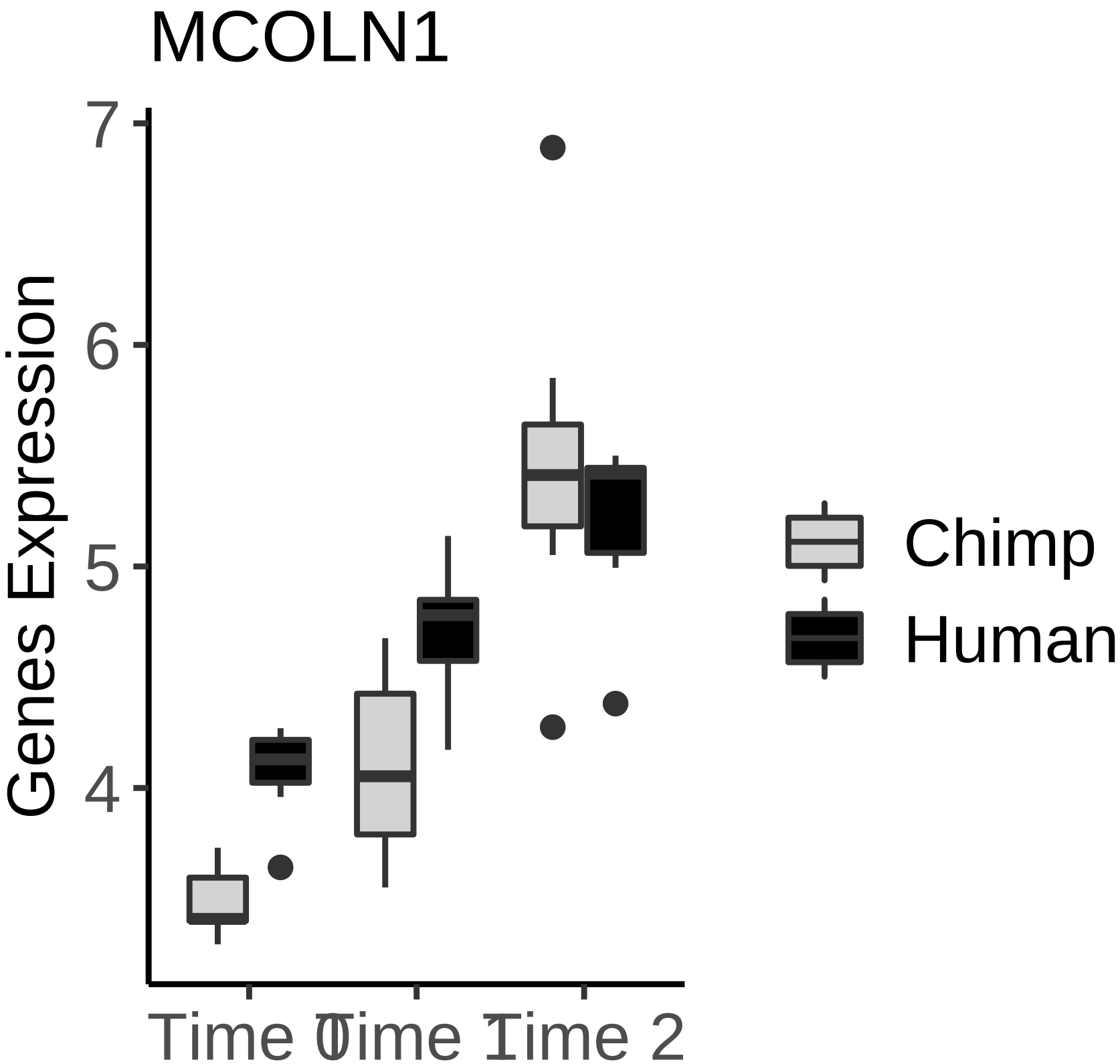
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Time 2
Chimp
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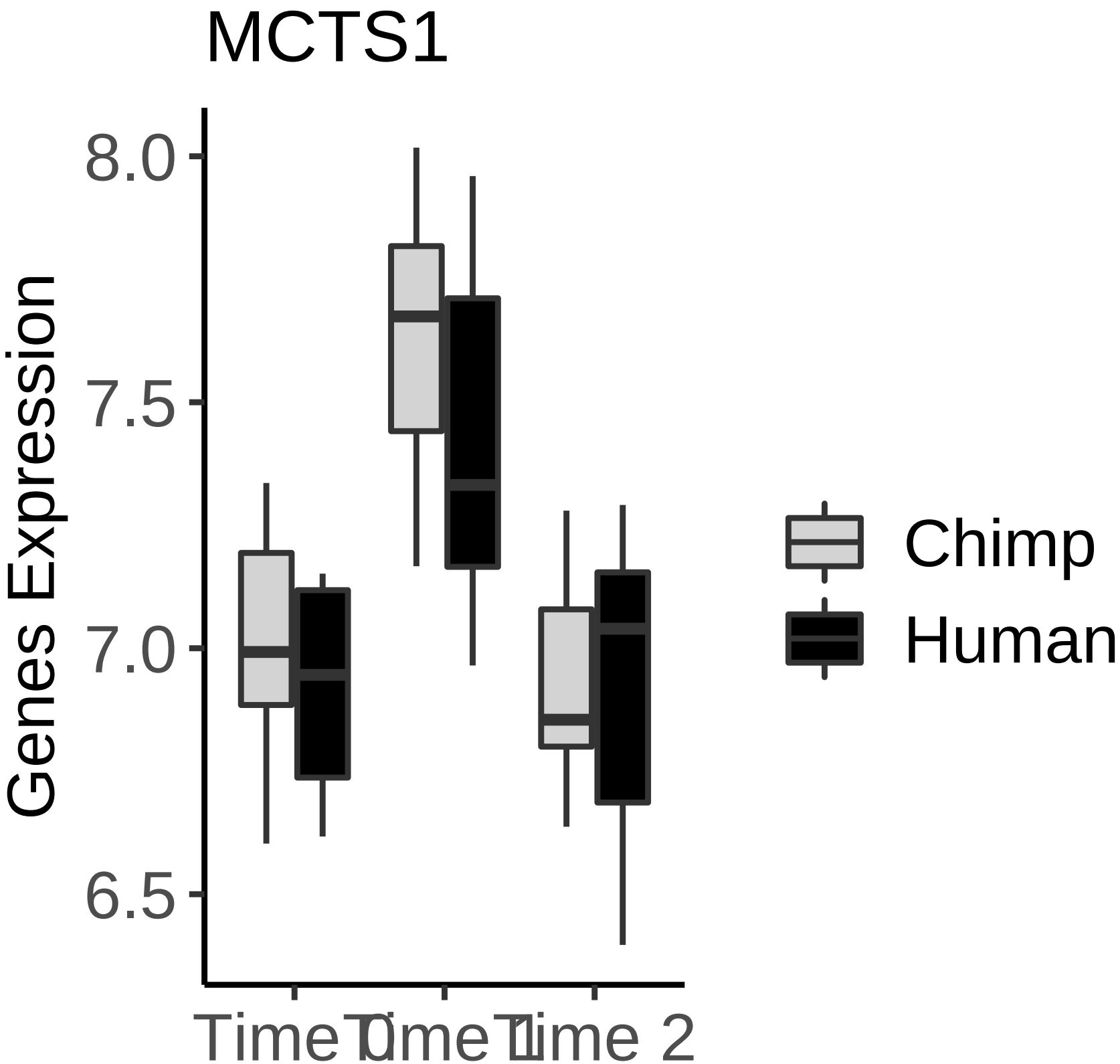
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Genes Expression
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7.0
6.5
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Time 1
Time 2
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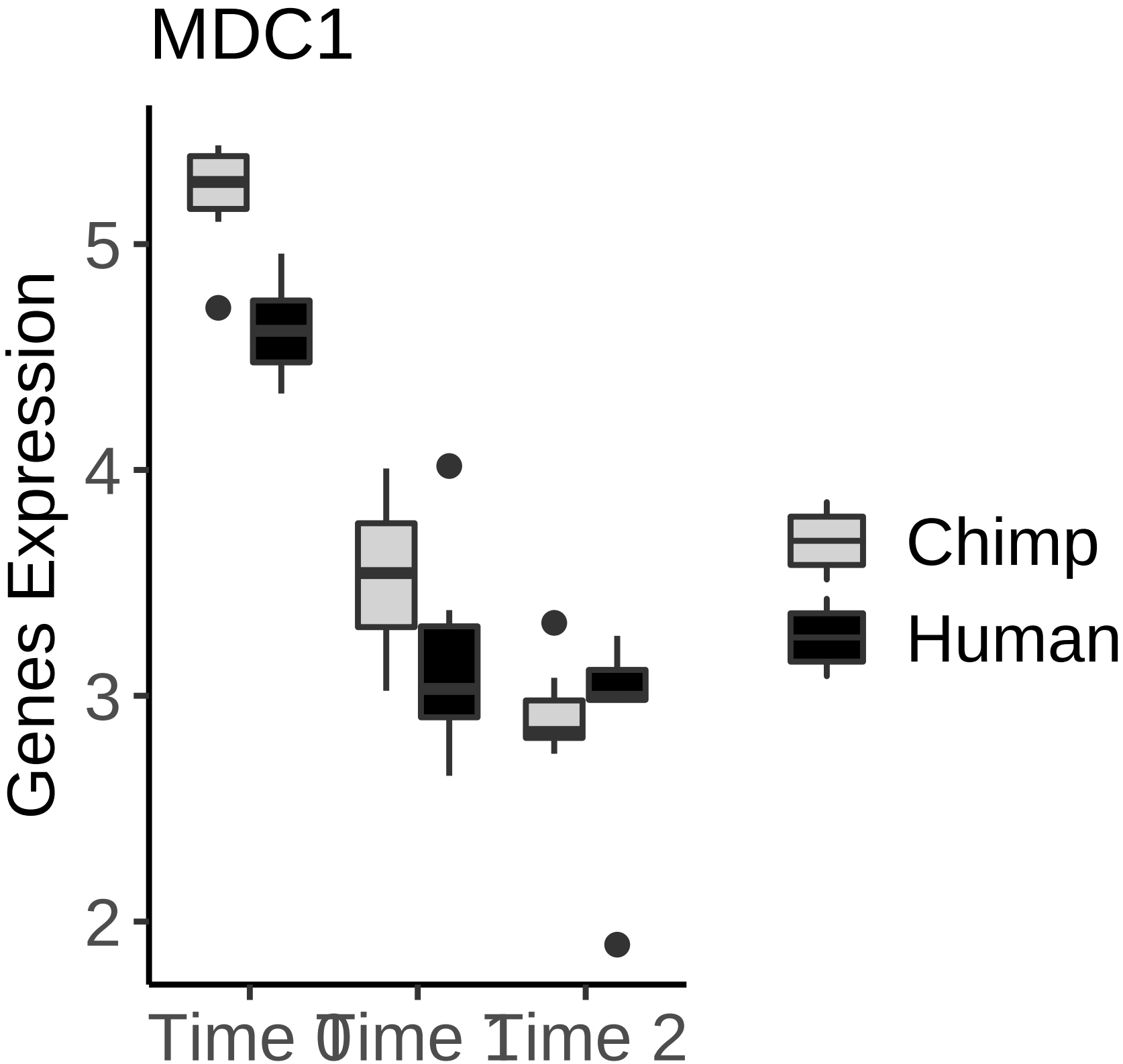
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Time 2
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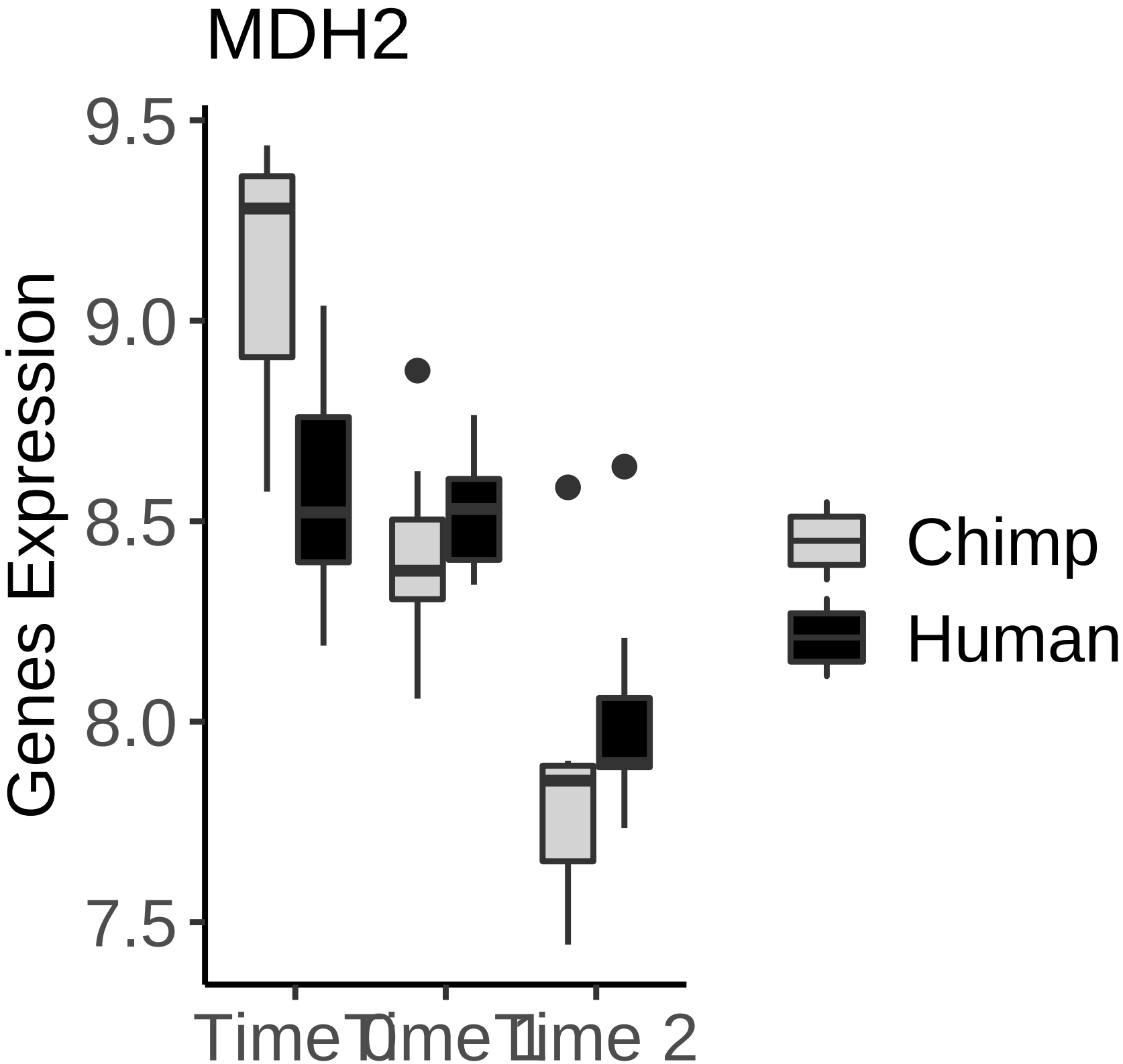
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Time 1
Time 2
Chimp
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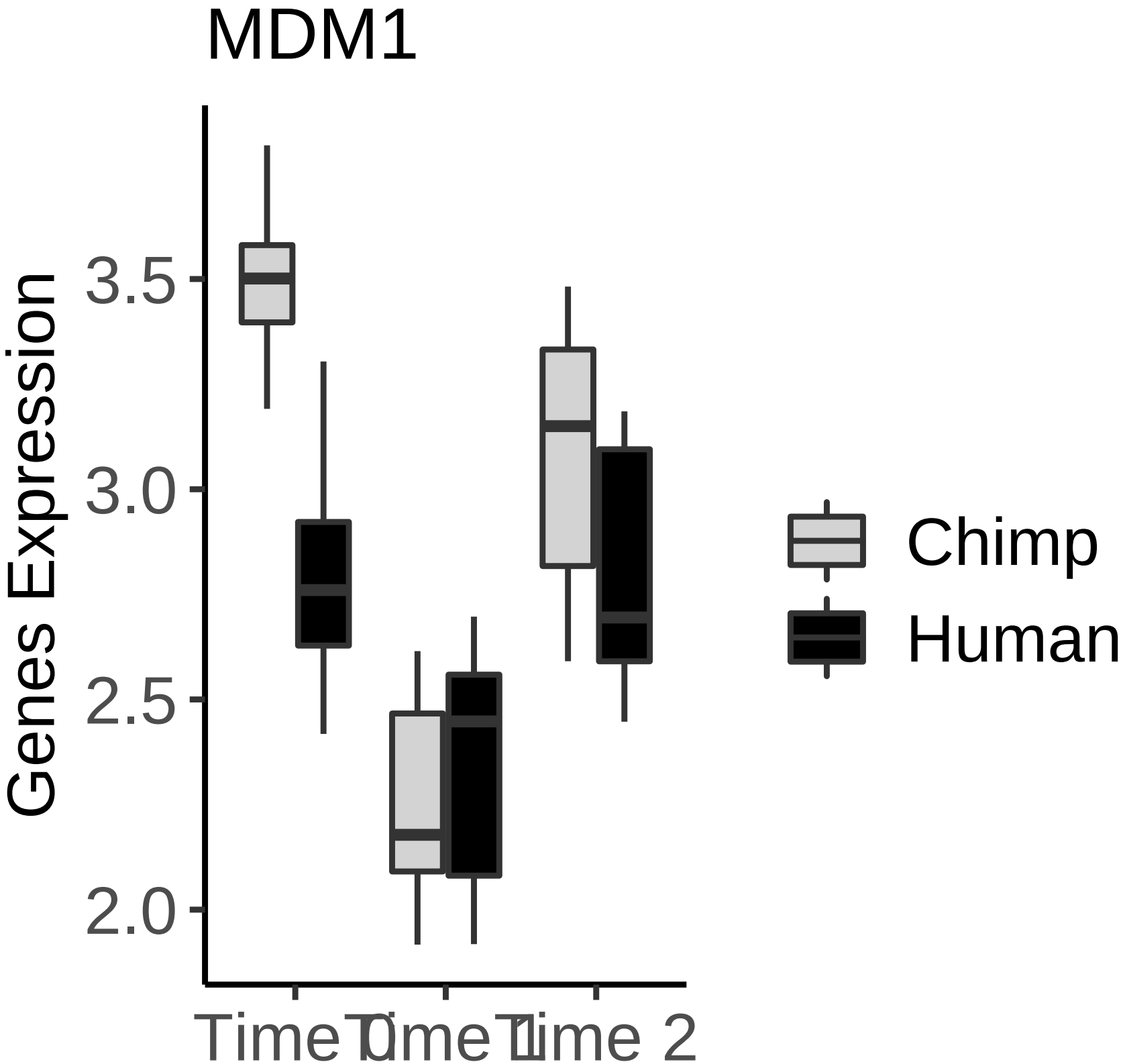
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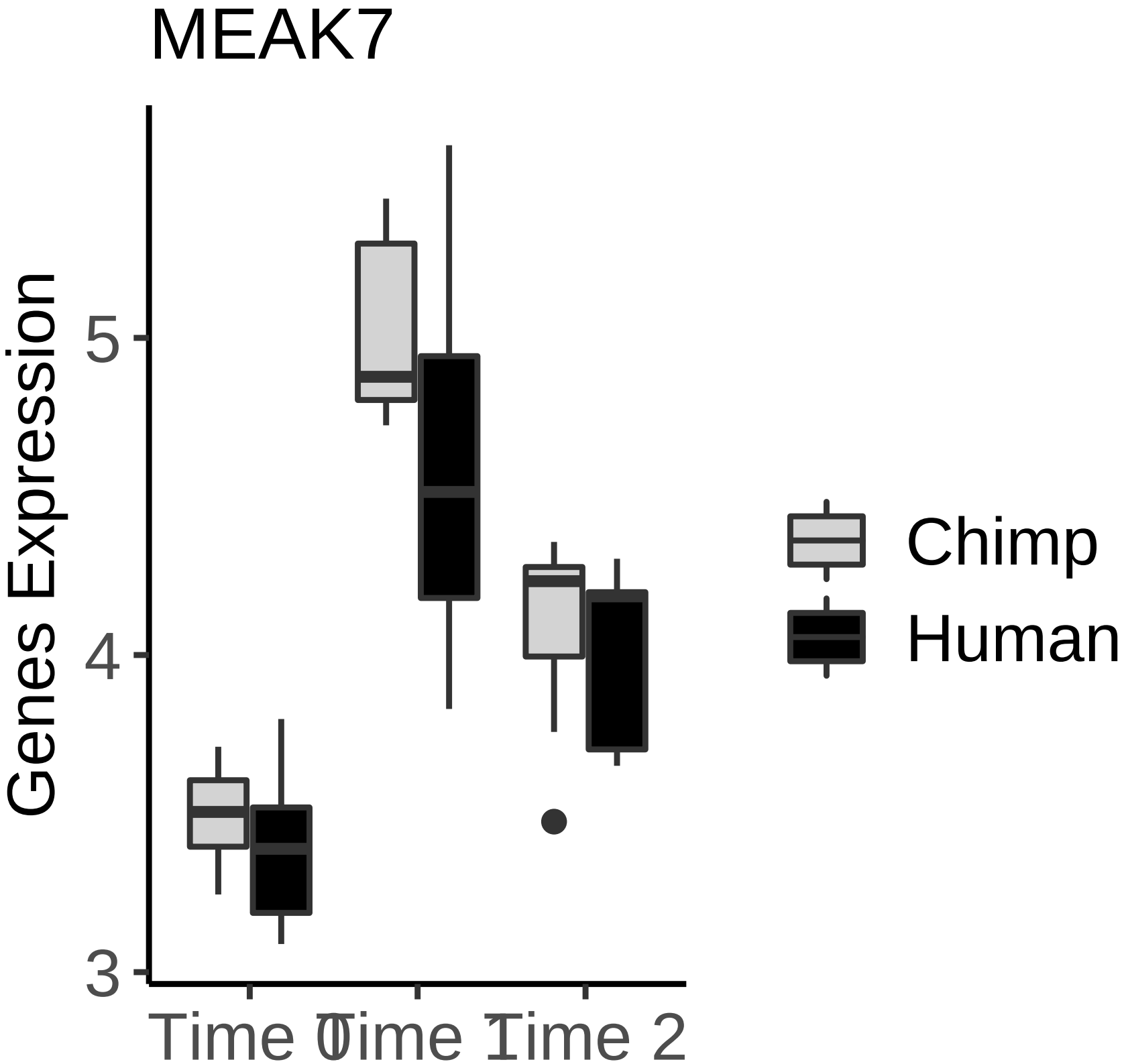
Time 1
Time 2
Chimp
Human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3
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Time 1
Time 2
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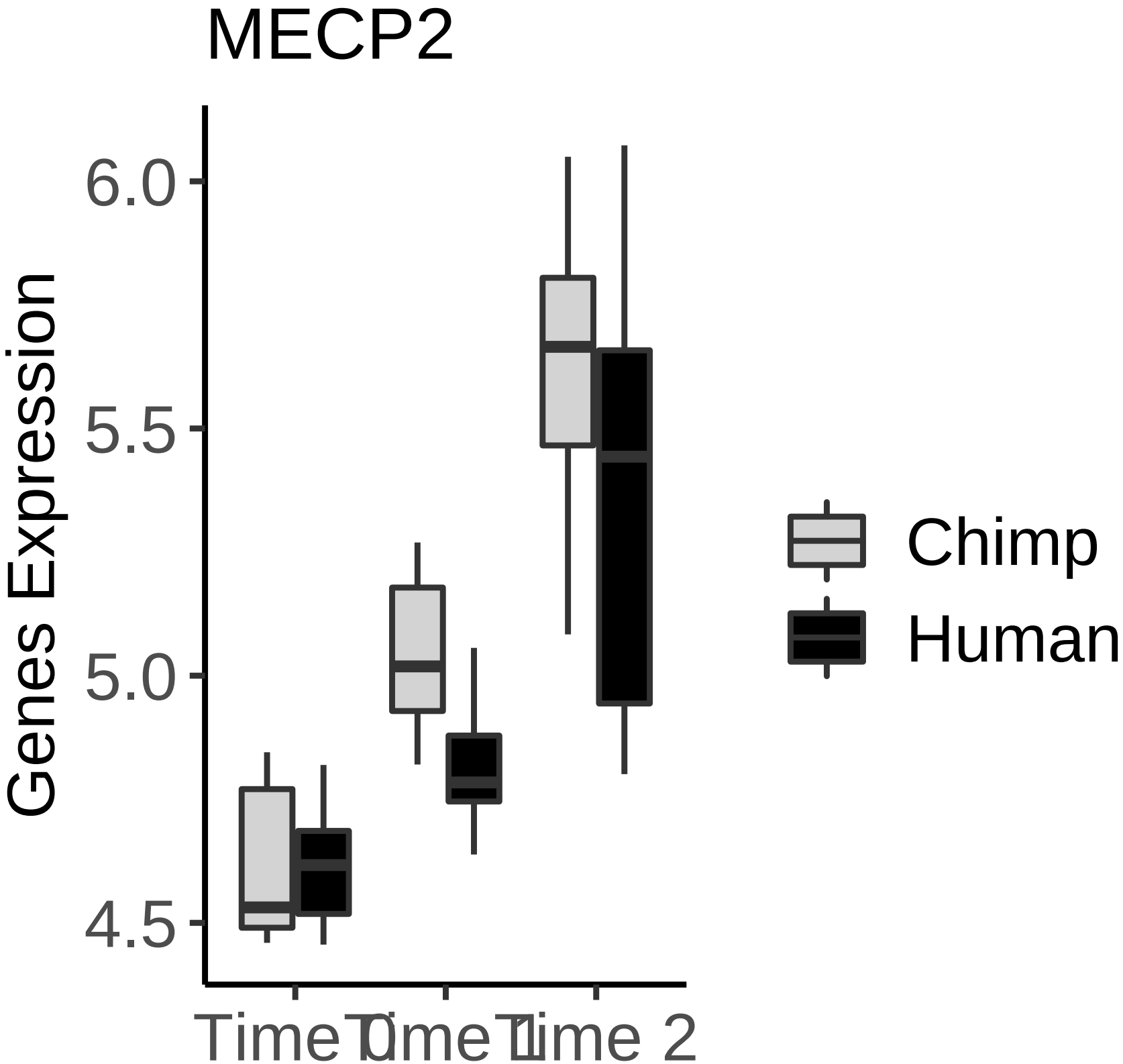
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Time 1
Time 2
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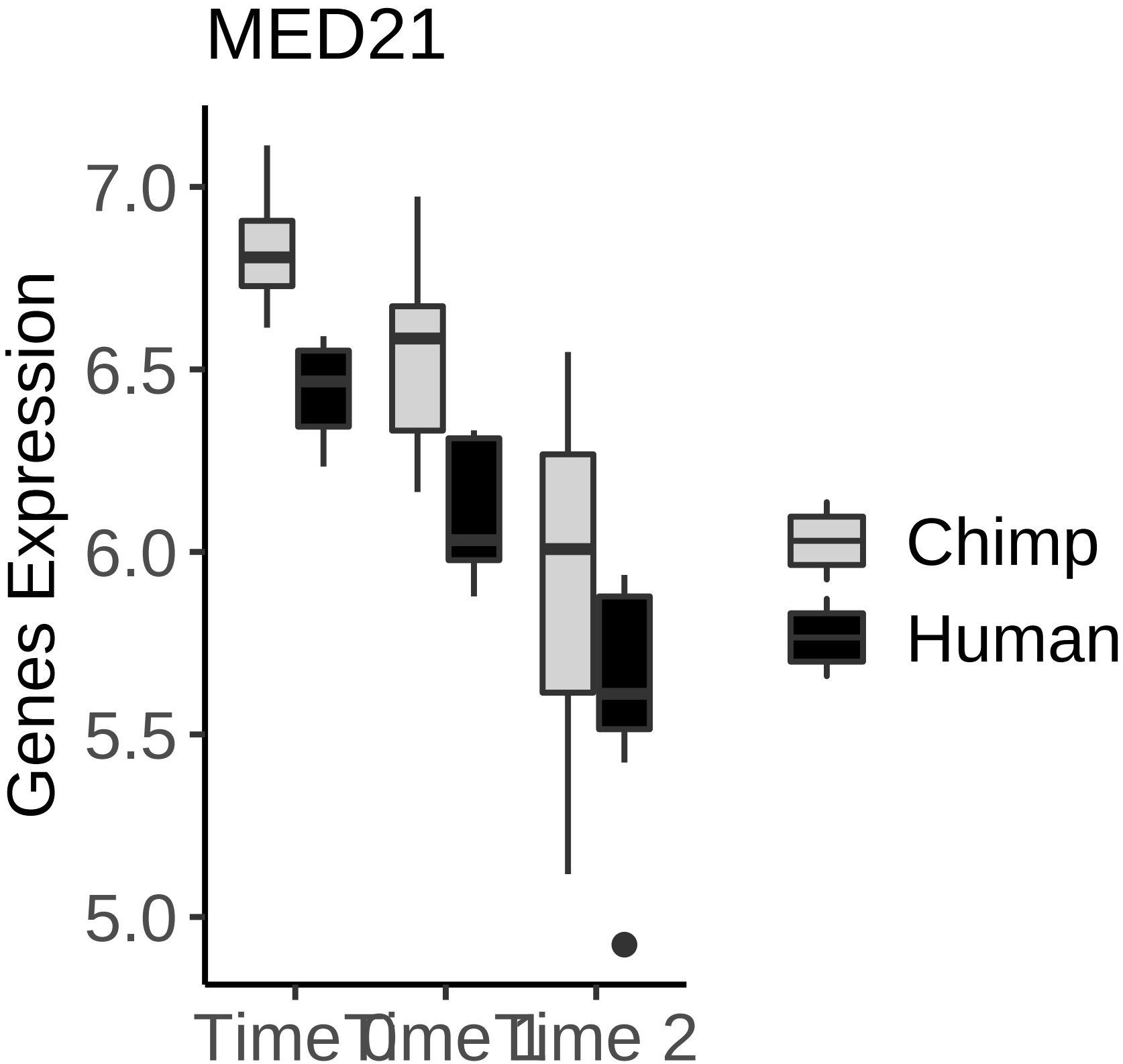
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Time 1
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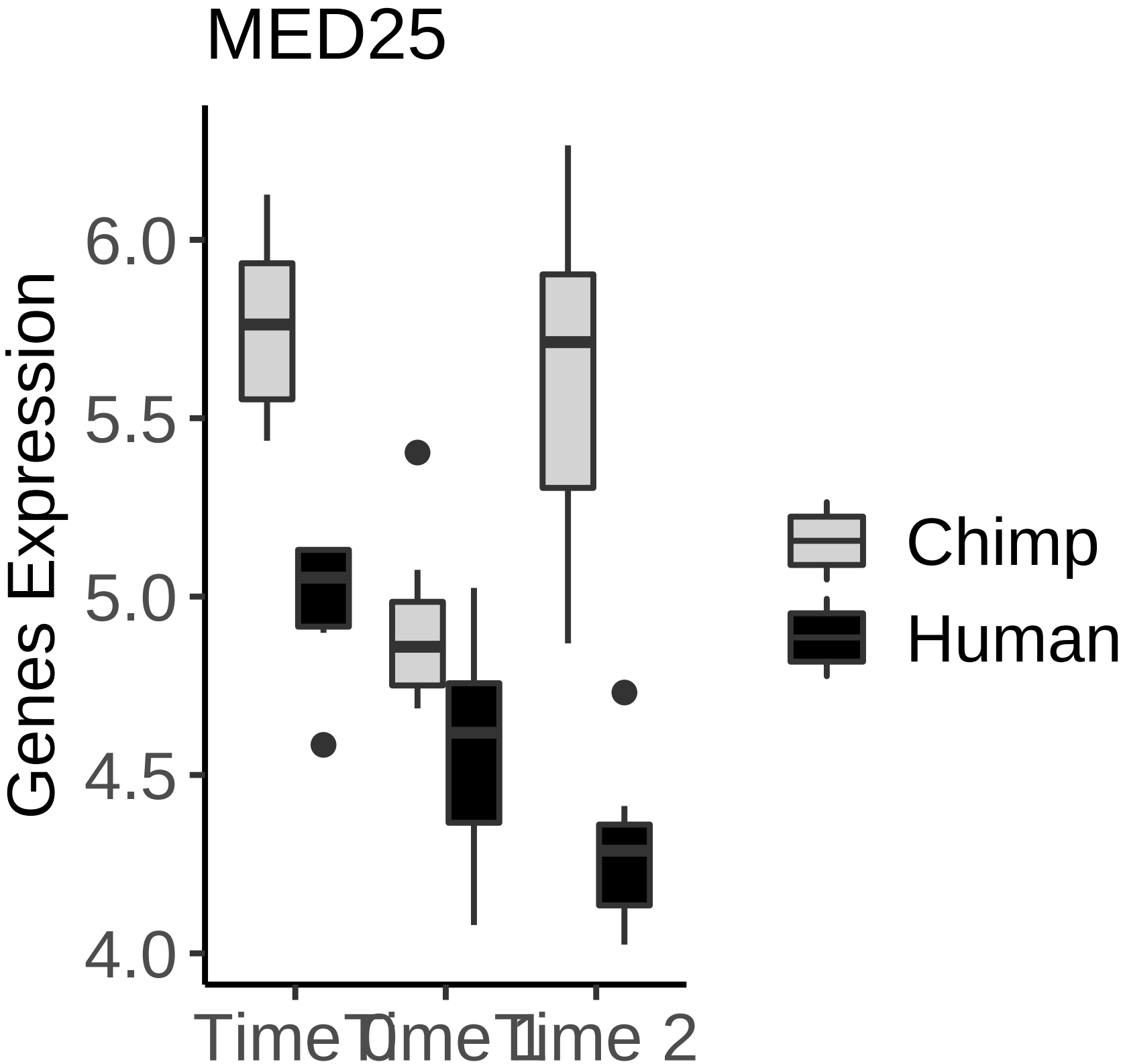
Chimp
Human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Time 1
Time 2
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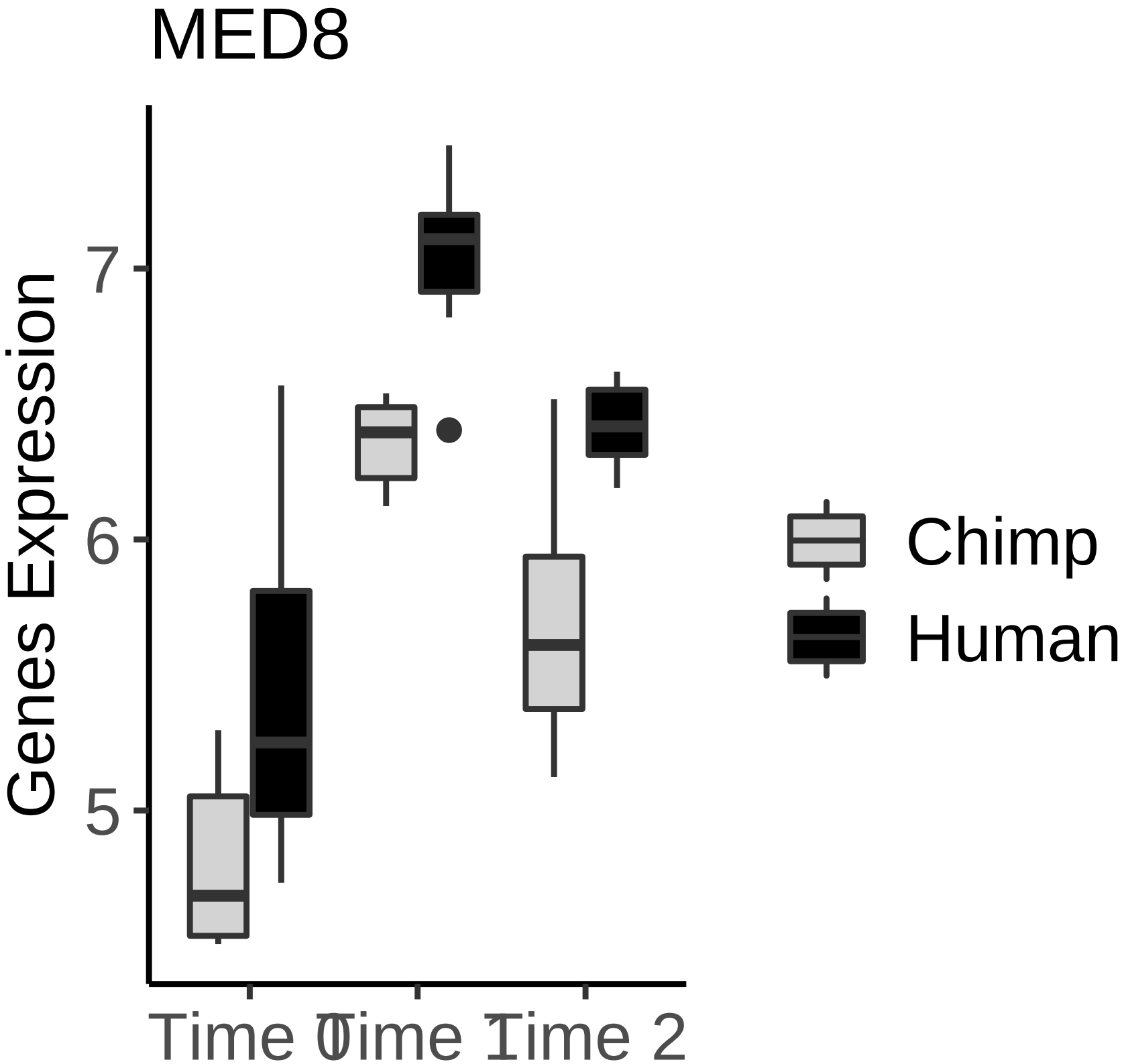
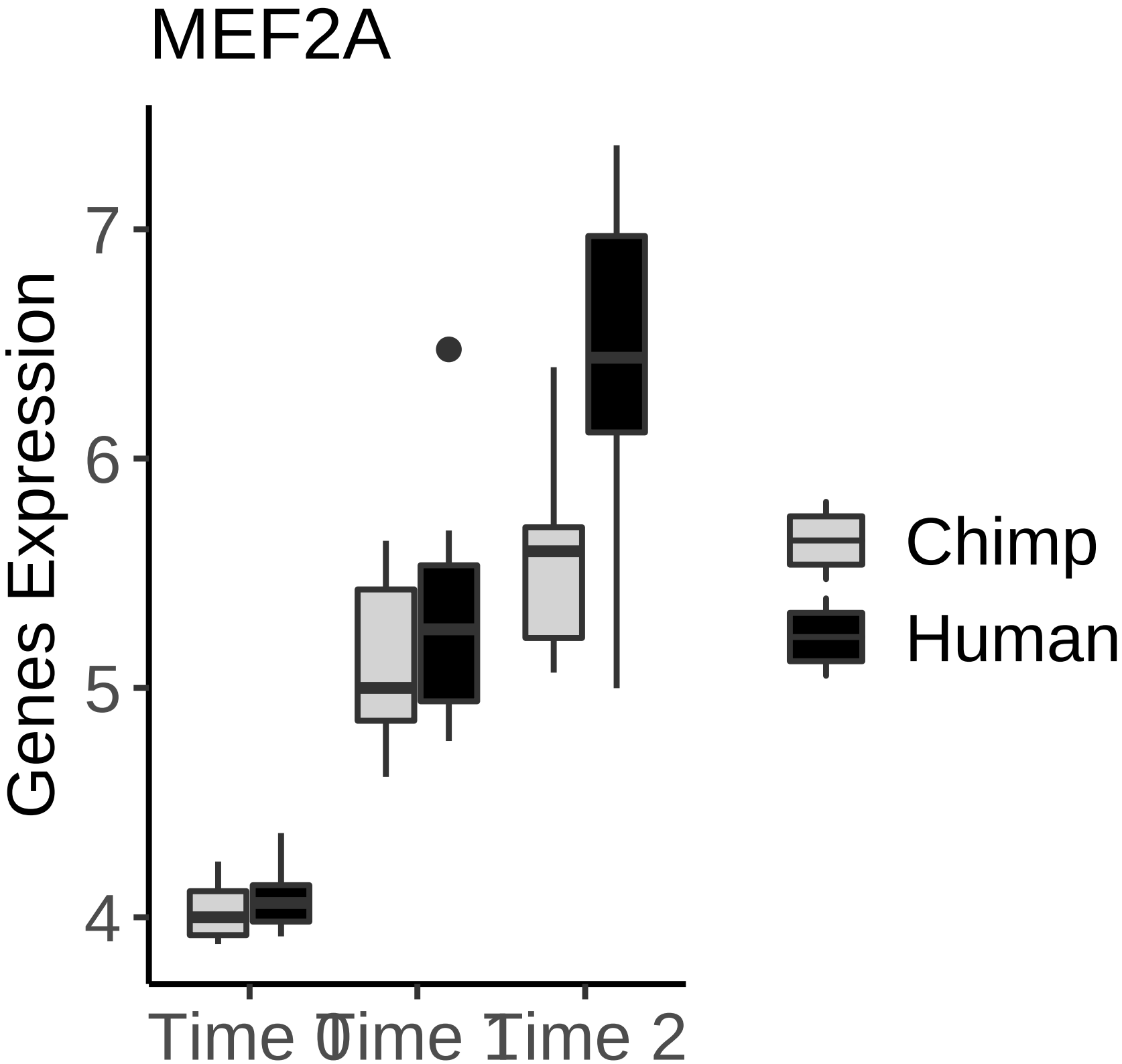
Human


MED8
Genes Expression
7
6
5
Time 0
Time 1
Time 2
Chimp
Human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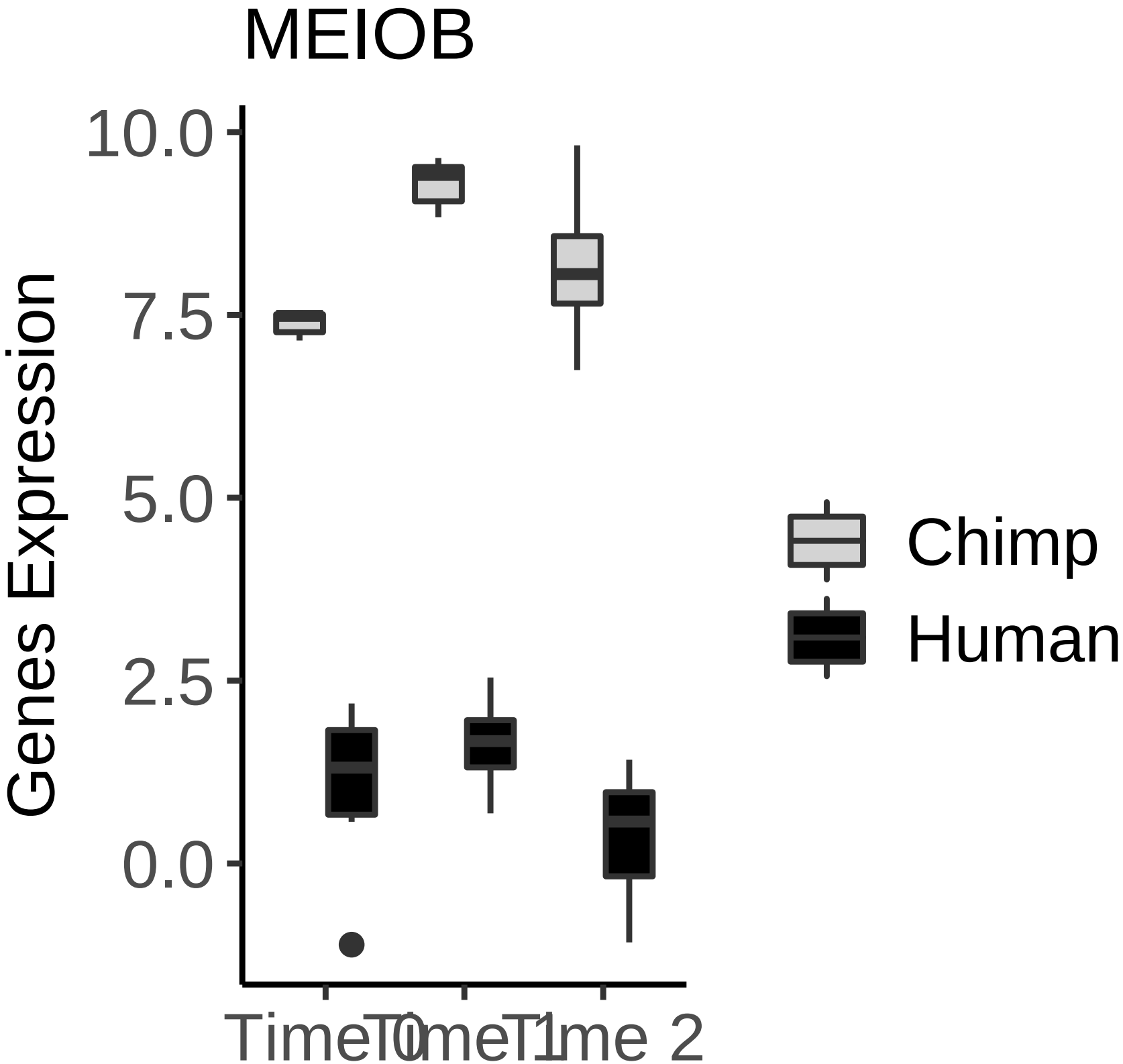
6
5
4
Time 0
Time 1
Time 2
Chimp
Human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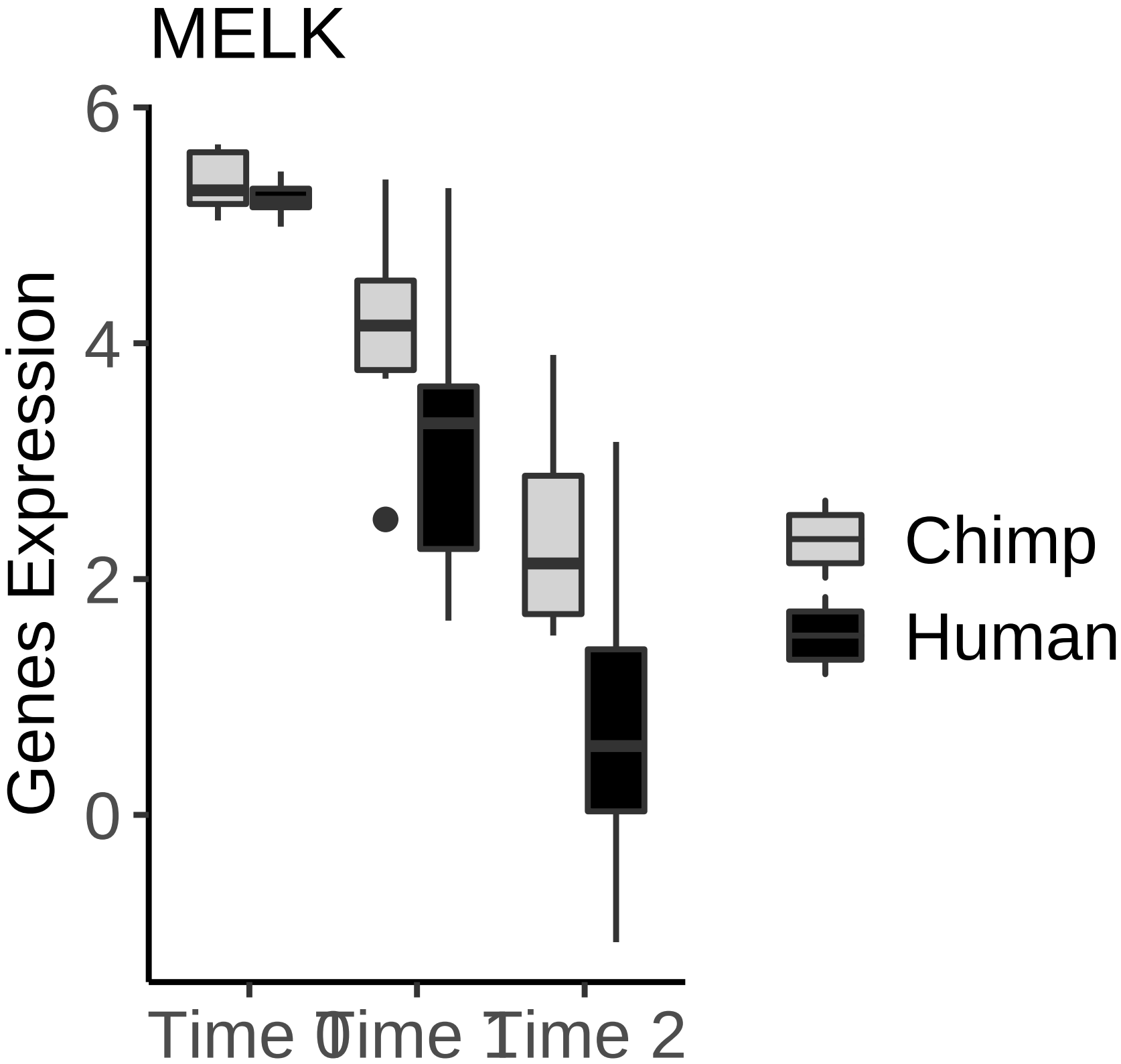
Time 1
Time 2
Chimp
Human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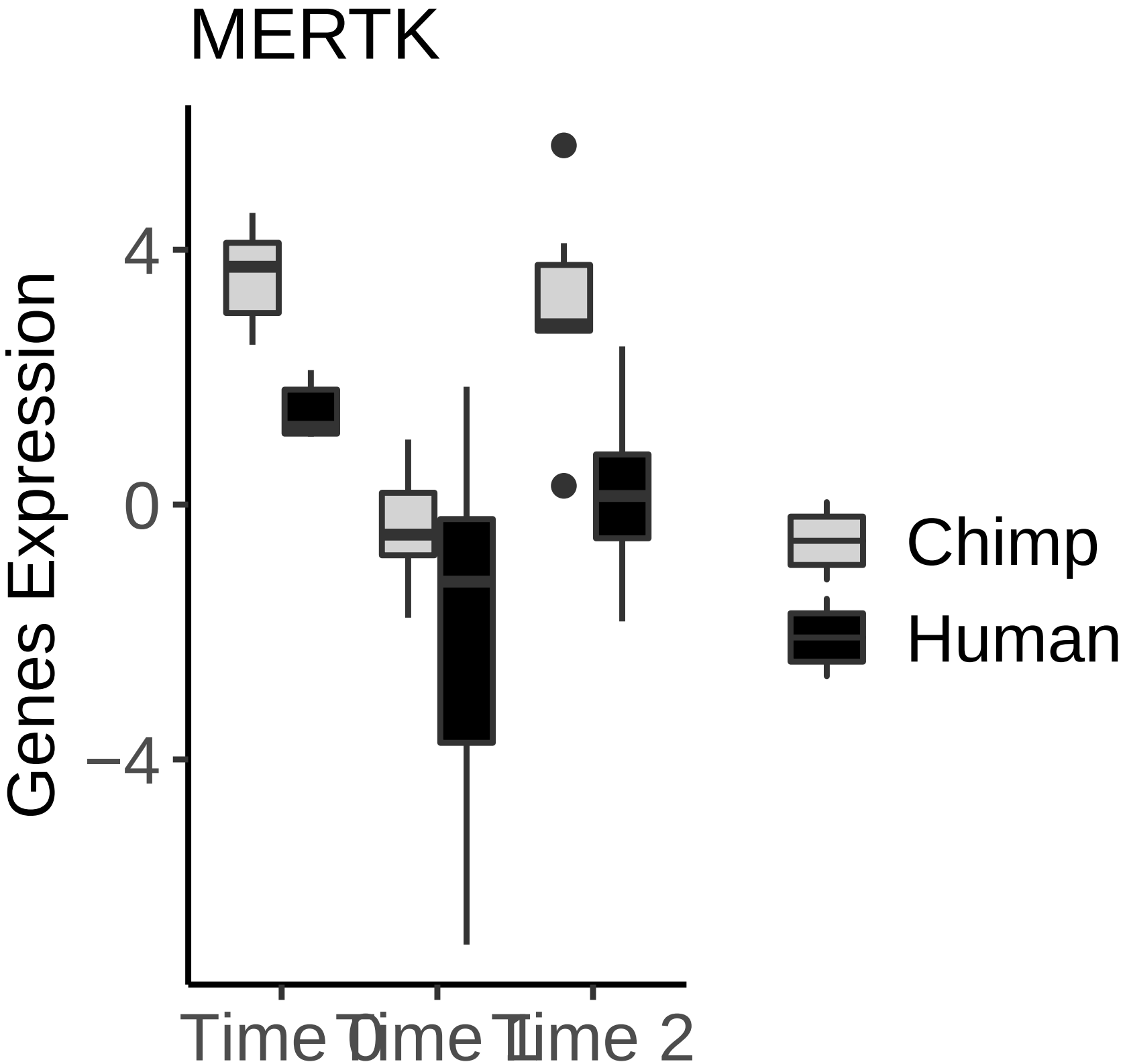
Time 1
Time 2
Chimp
Human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Genes Expression
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Time 2
Chimp
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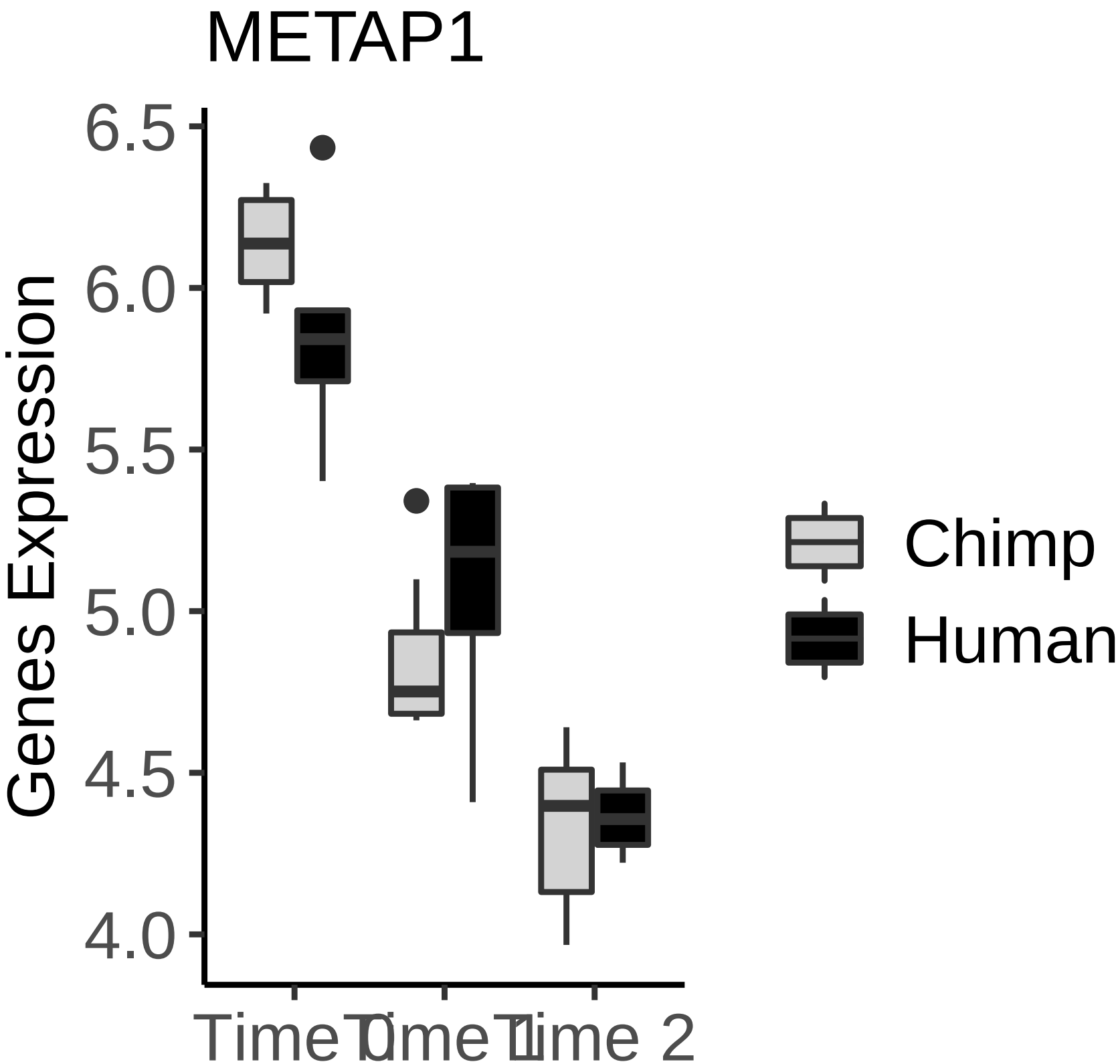
METAP1
Genes Expression
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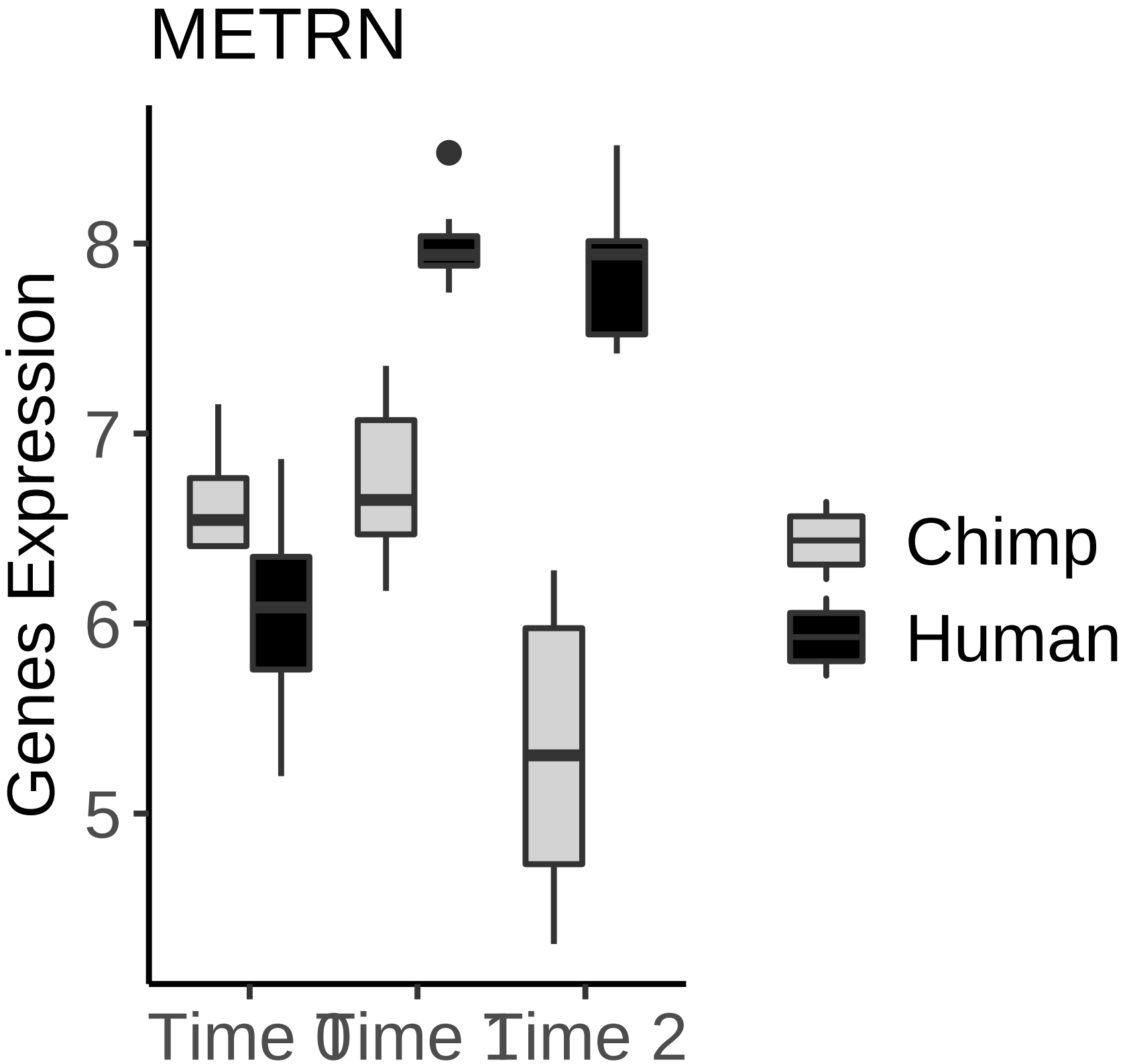
5.5
5.0
4.5
4.0
Time 0
Time 1
Time 2
Chimp
Human


METRN
Genes Expression
8
7
6
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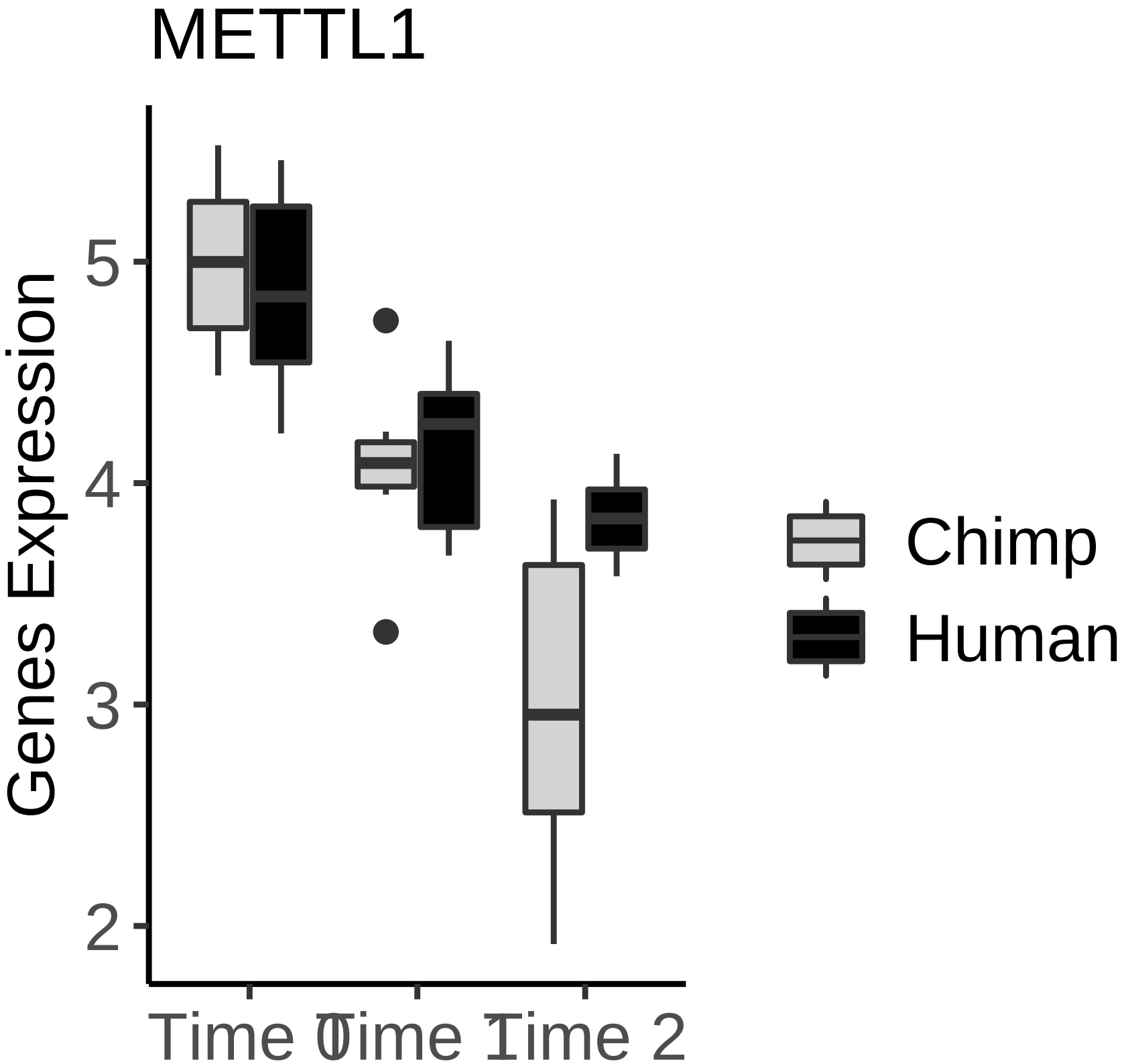
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
5
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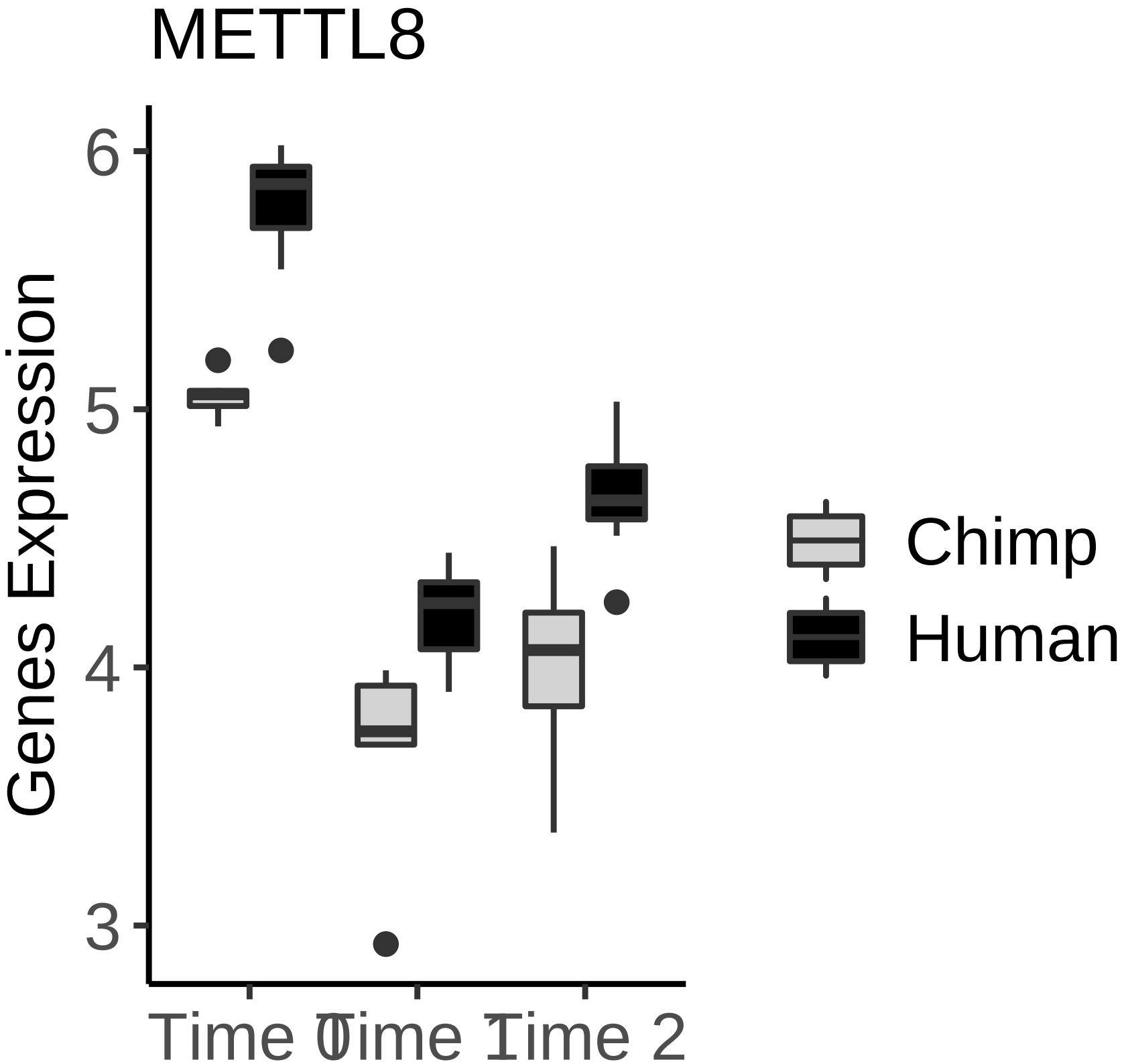
Time 0
Time 1
Time 2
Chimp
Human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Time 0
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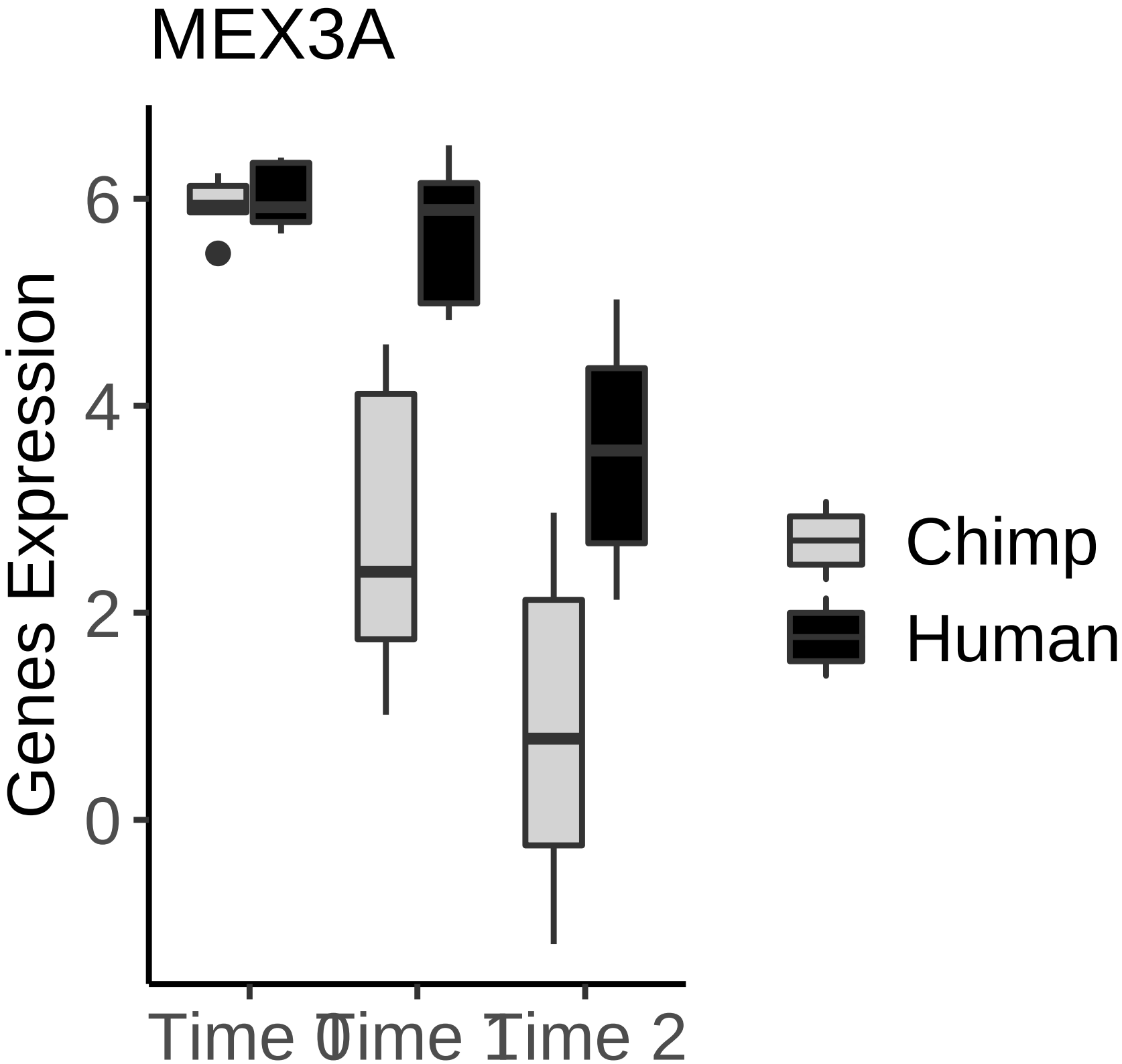
Time 2
Chimp
Human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2
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Time 1
Time 2
Chimp
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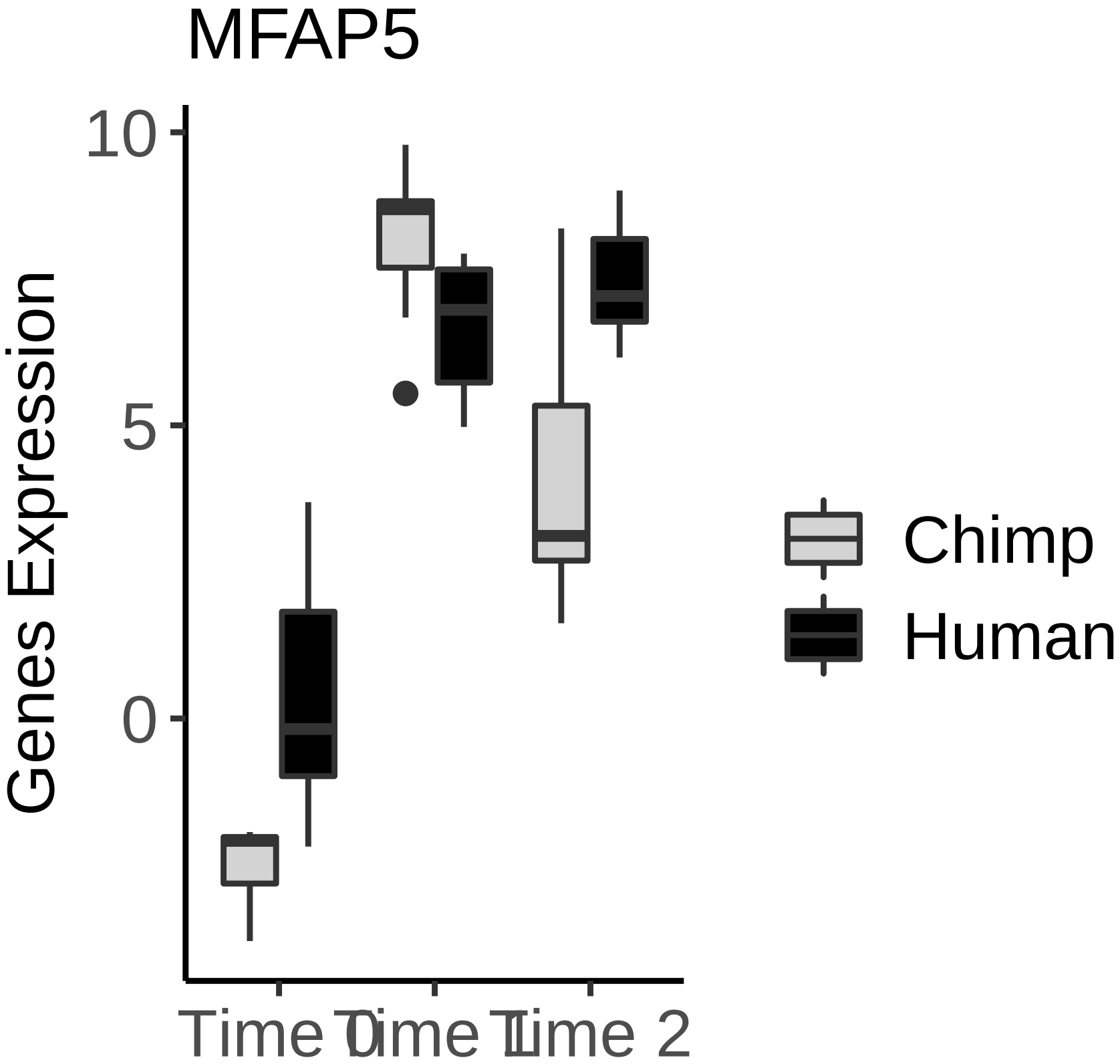
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Chimp
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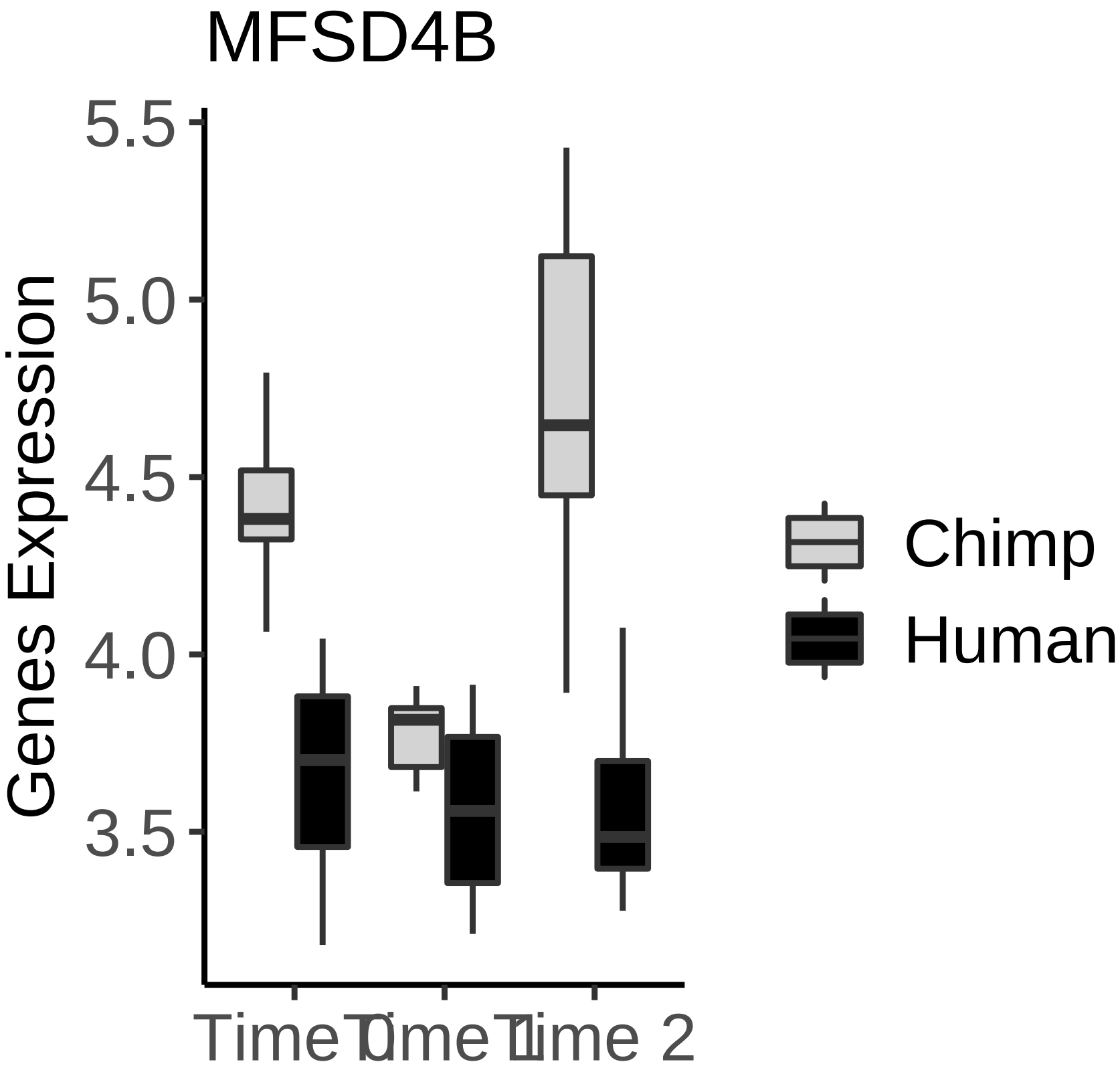
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Genes Expression
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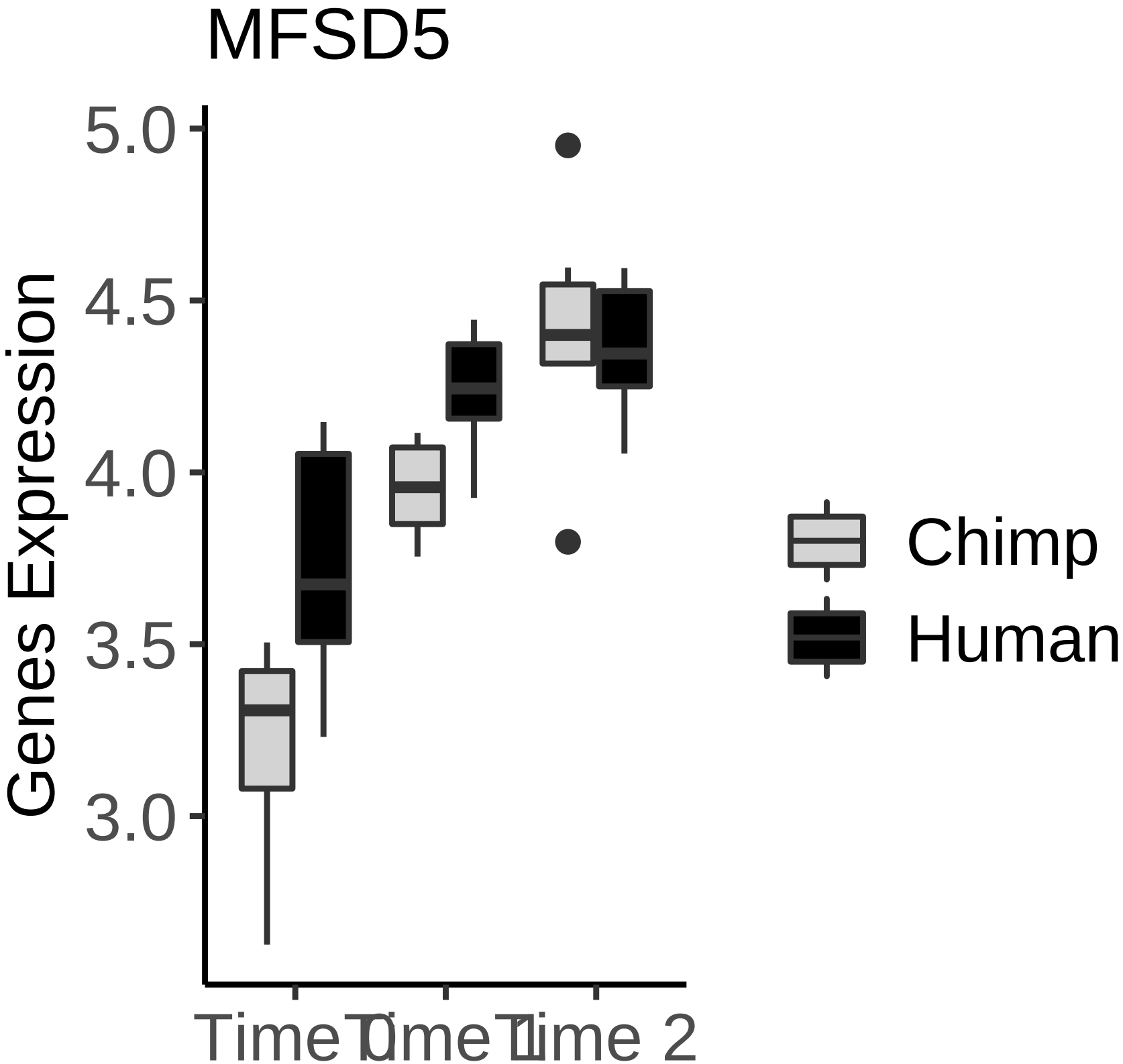
4.0
3.5
Time 0
Time 1
Time 2
Chimp
Human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Time 0
Time 1
Time 2
Chimp
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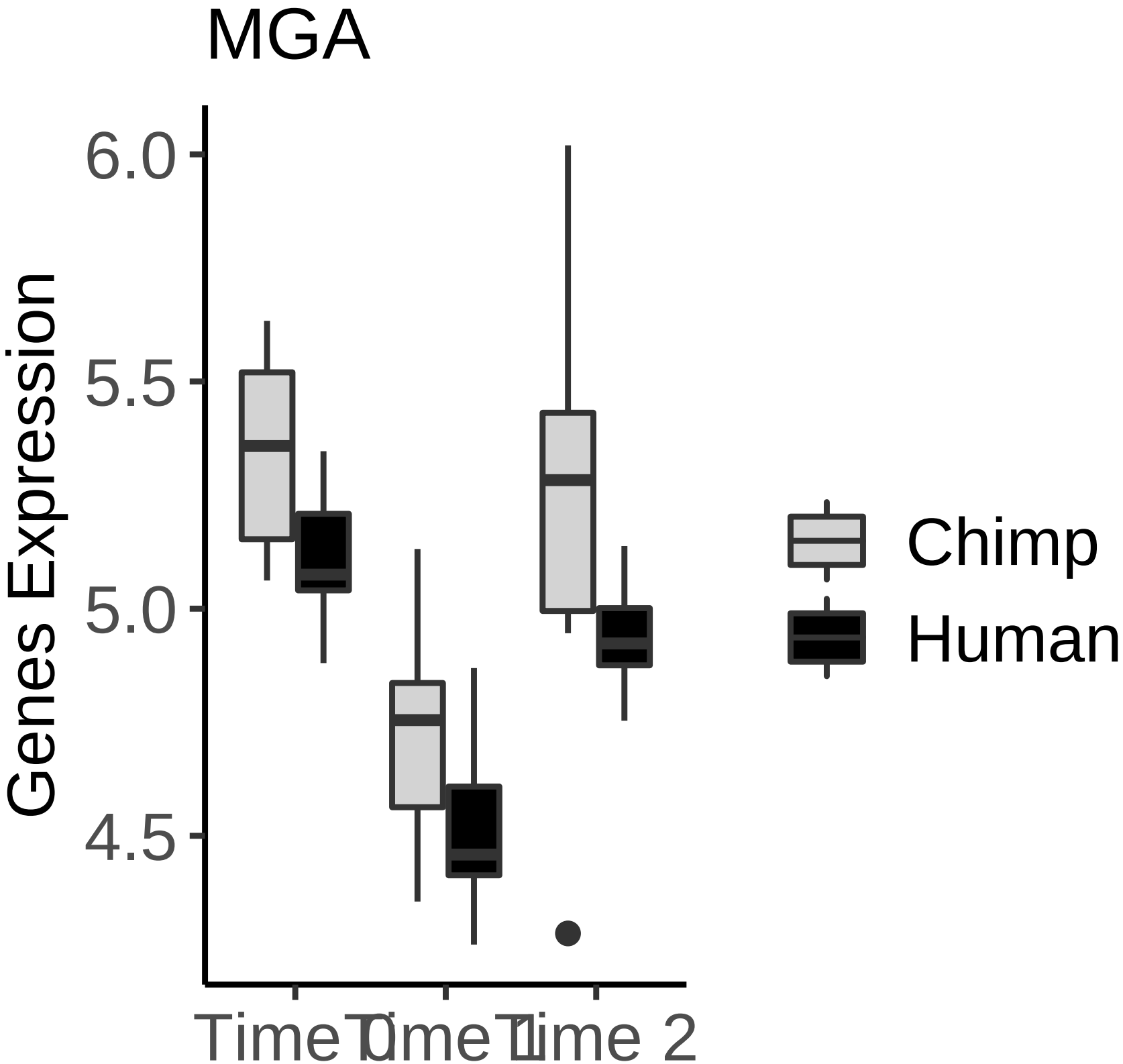
MGA
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4.5
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Time 2
Chimp
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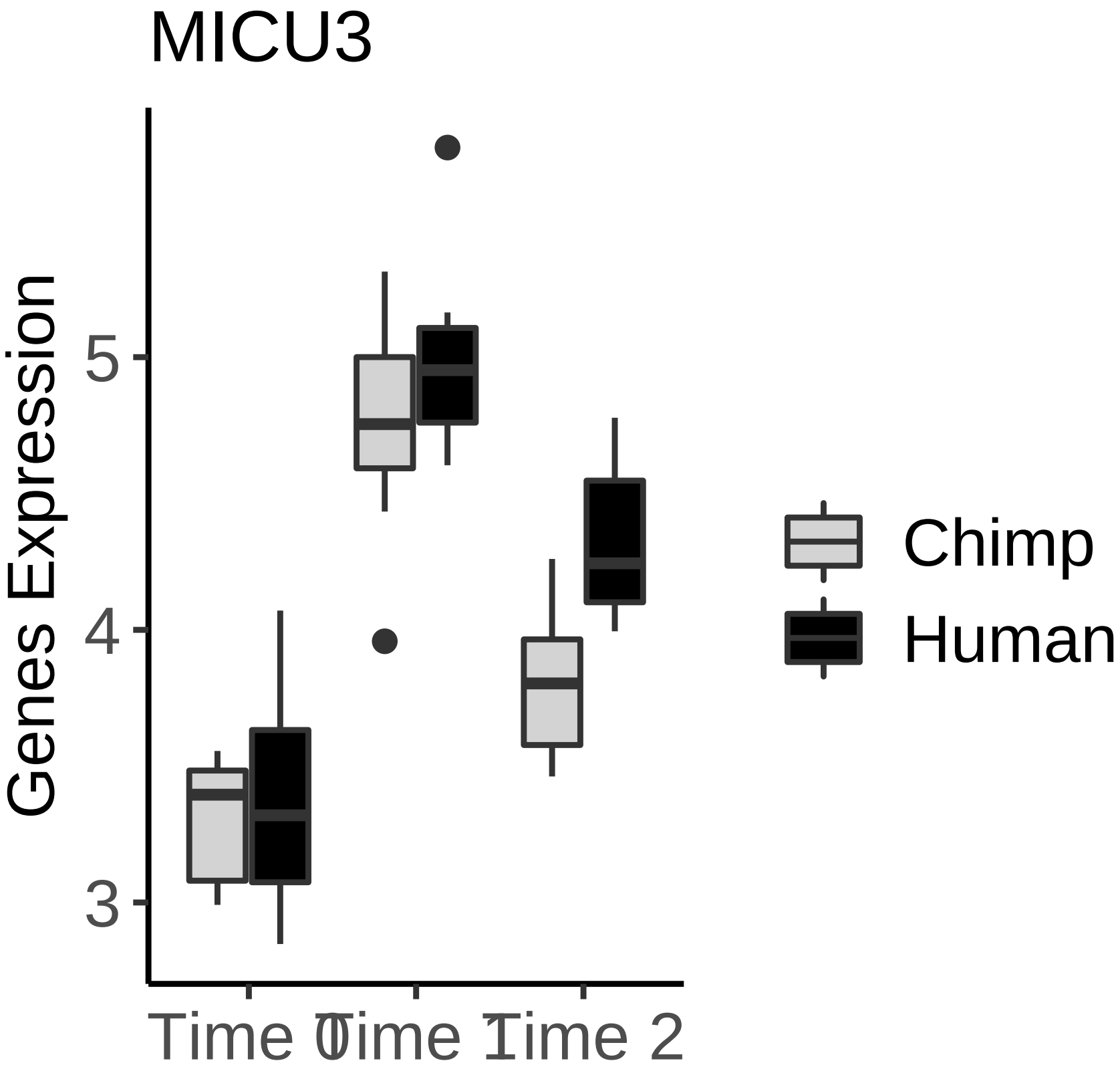
MICU3
Genes Expression
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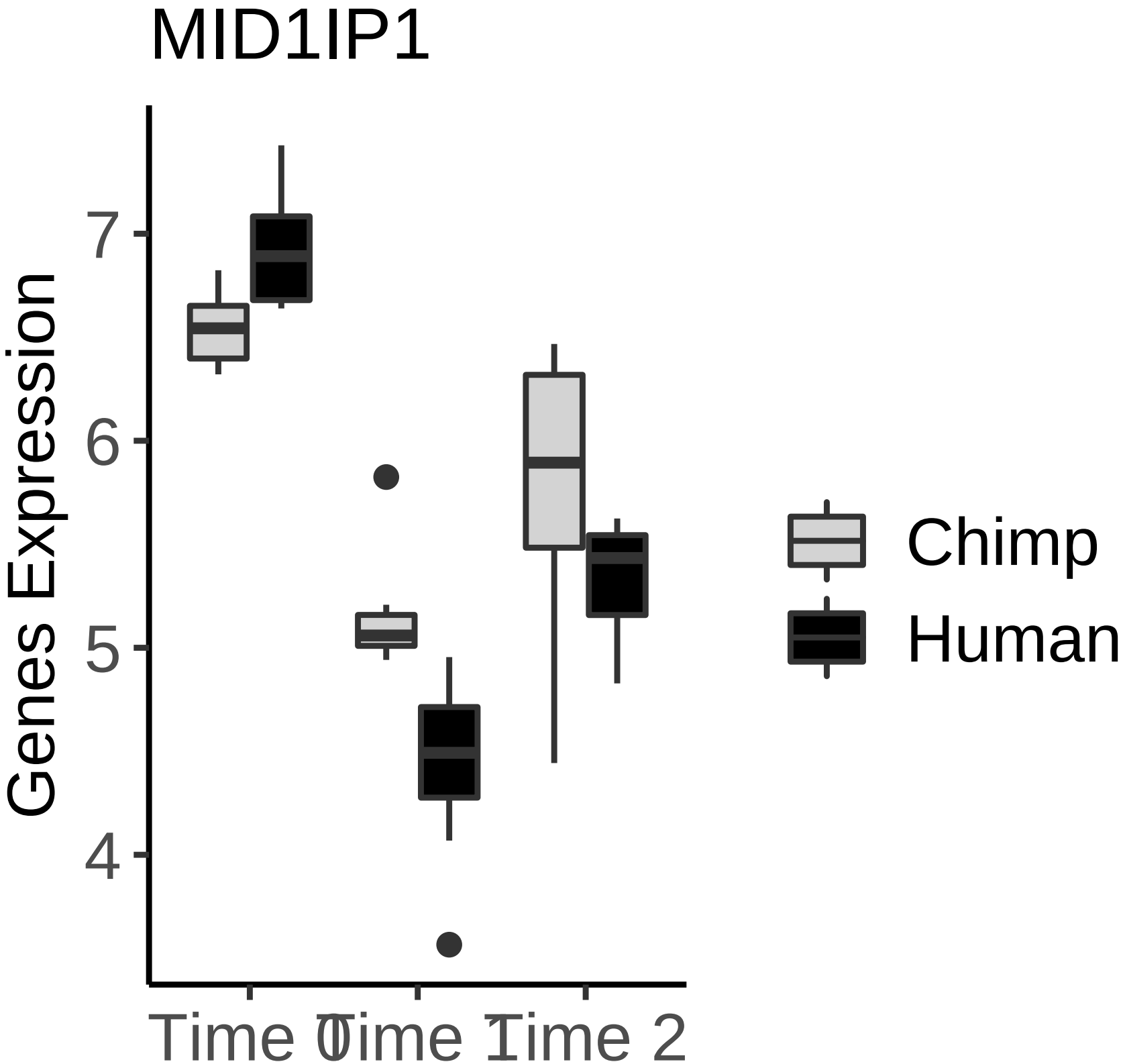
Time 2
Chimp
Human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Genes Expression
7
6
5
4
Time 0
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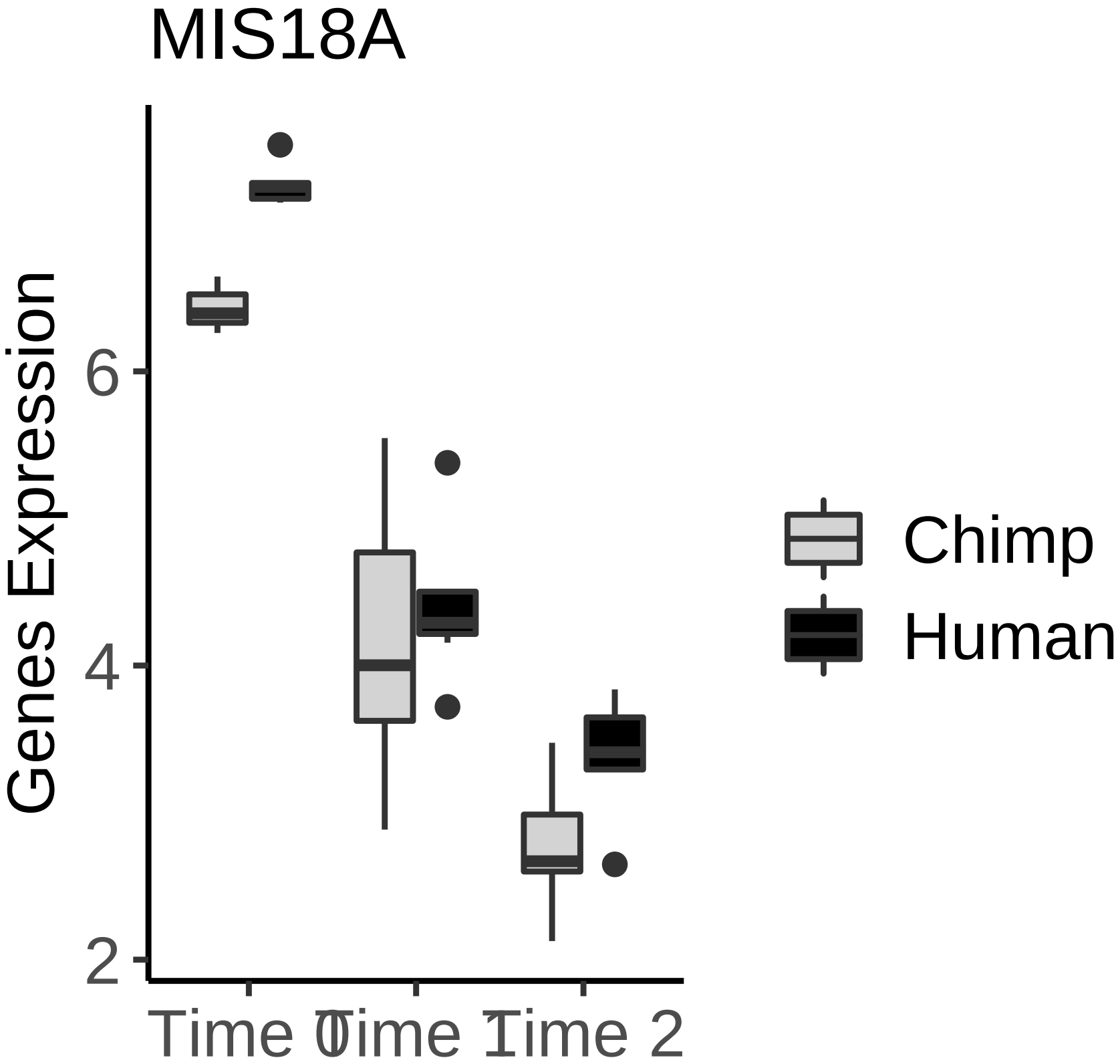
Time 2
Chimp
Human


MIS18A
Genes Expression
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Time 0
Time 1
Time 2
Chimp
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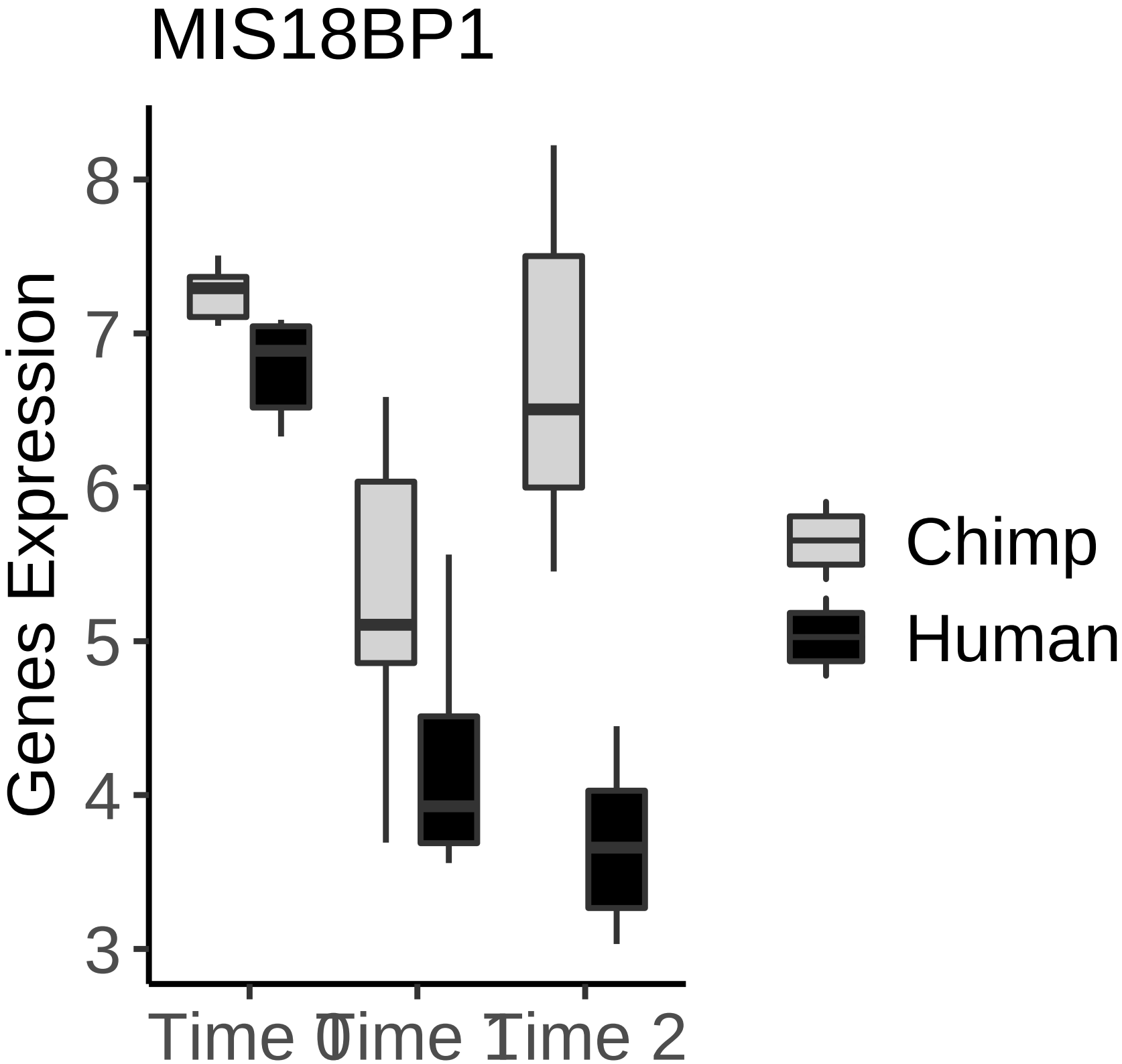
MIS18BP1
Genes Expression
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6
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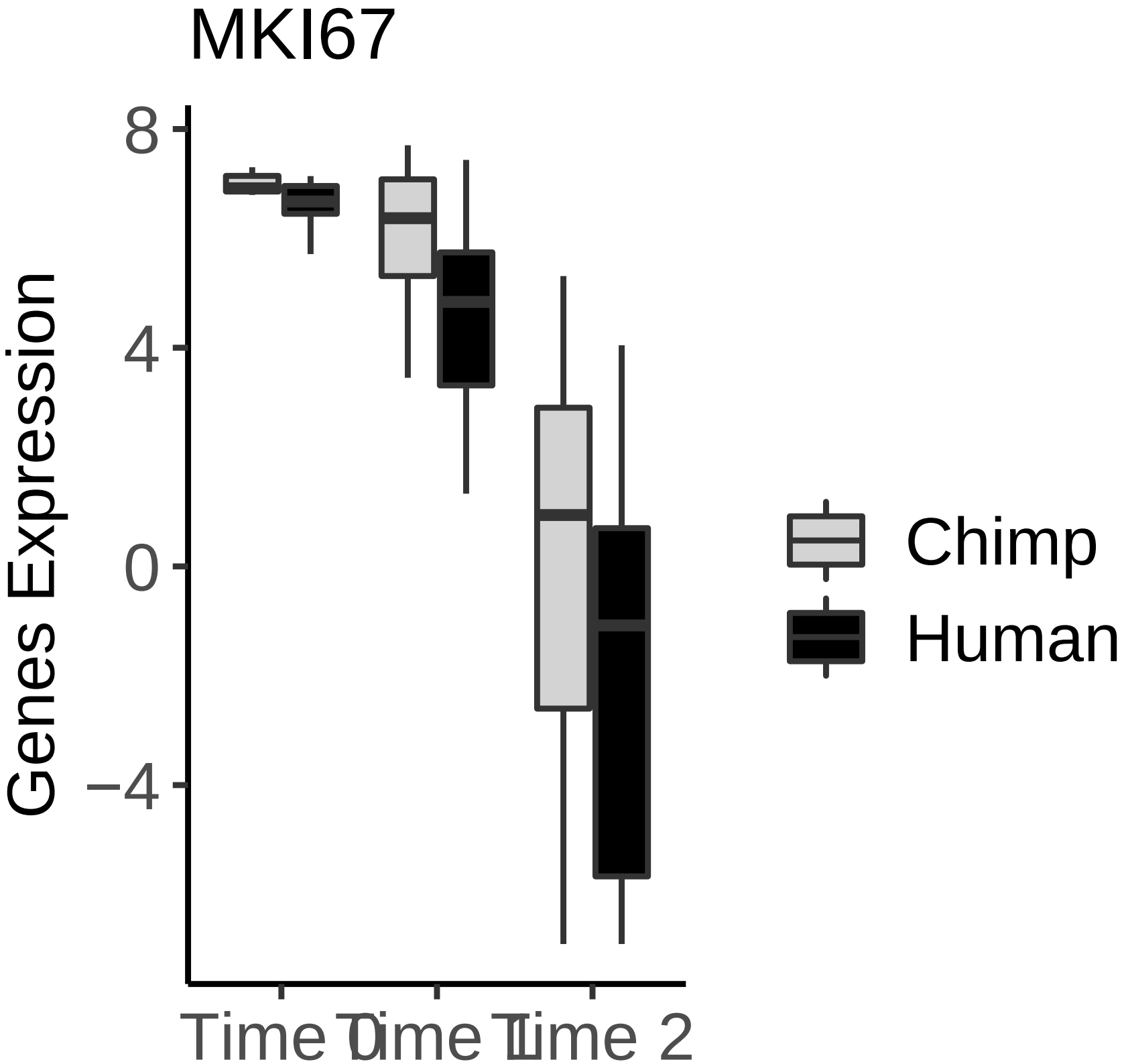
4
3
Time 0
Time 1
Time 2
Chimp
Human


MKI67
Genes Expression
8
4
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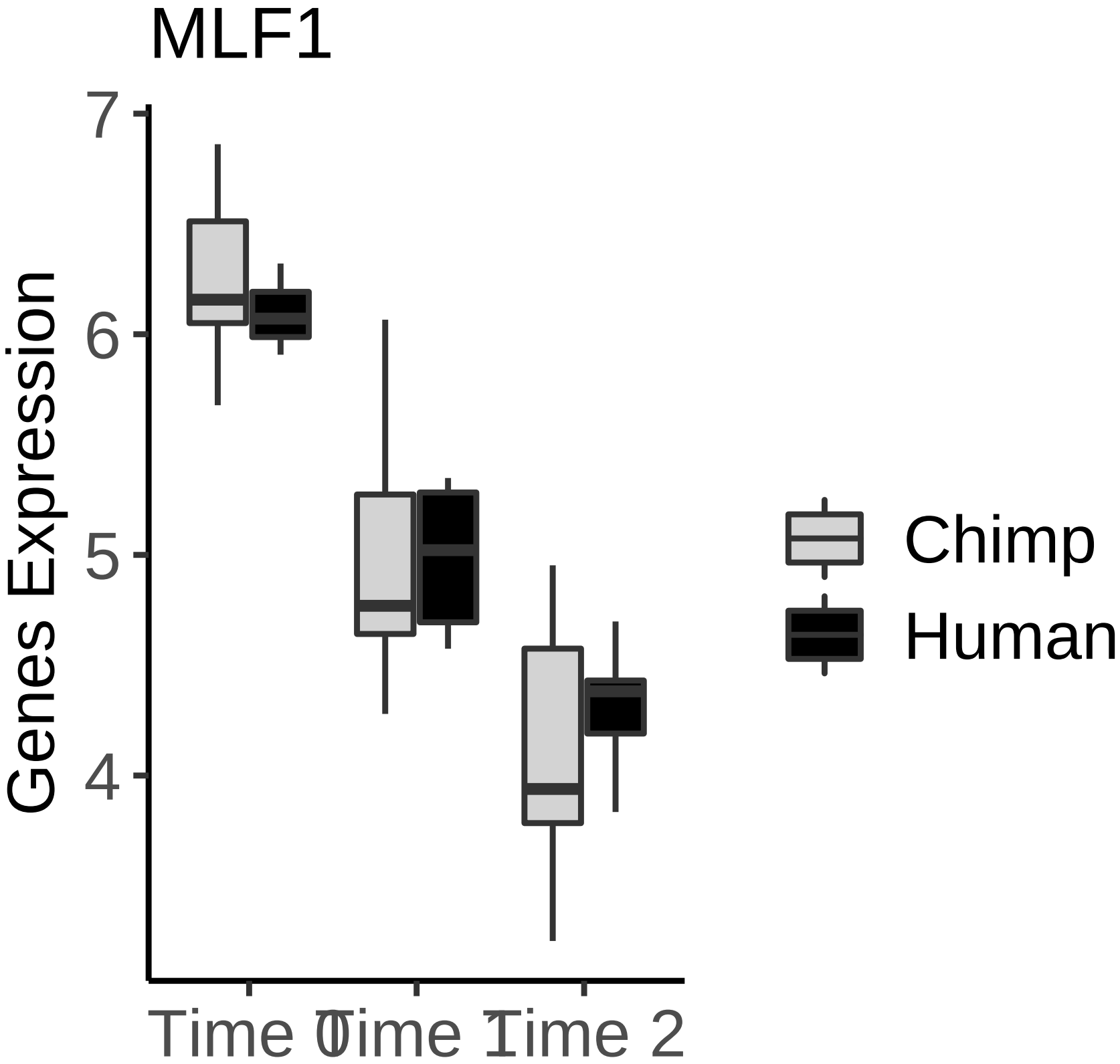
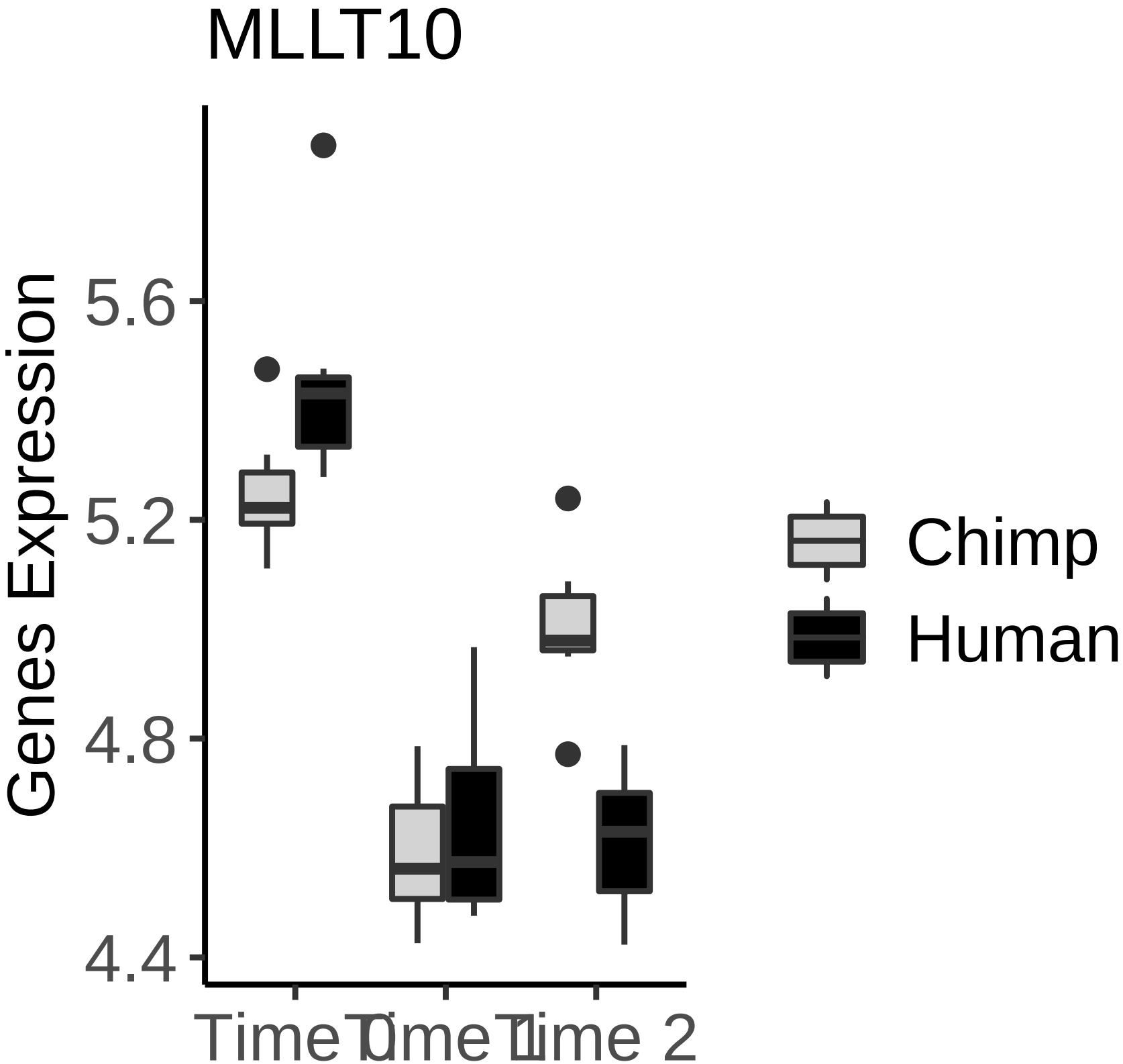
Time 0
Time 1
Time 2
Chimp
Human


MLF1
Genes Expression
7
6
5
4
Time 0
Time 1
Time 2
Chimp
Human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5.2
4.8
4.4
Time 0
Time 1
Time 2
Chimp
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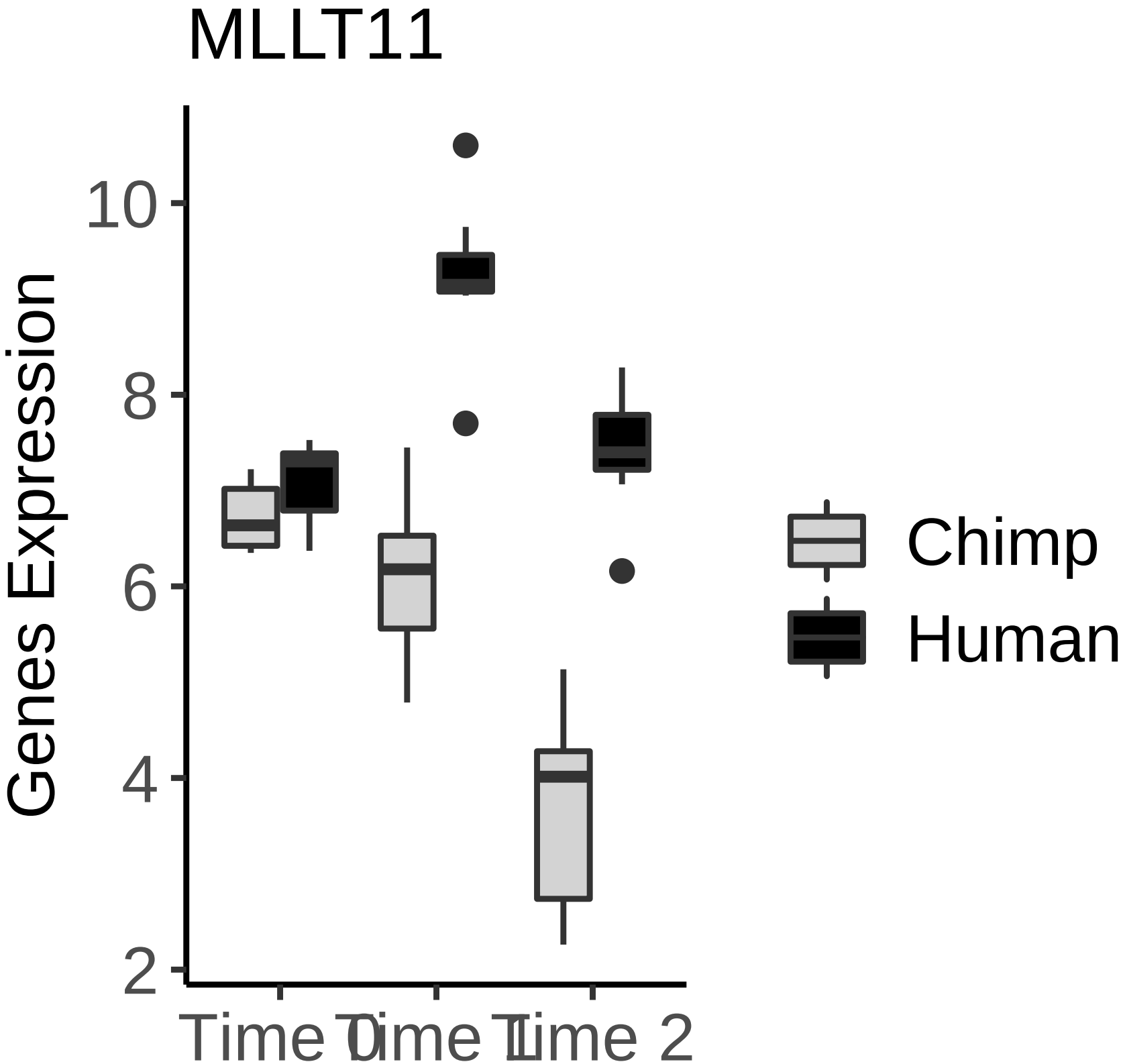
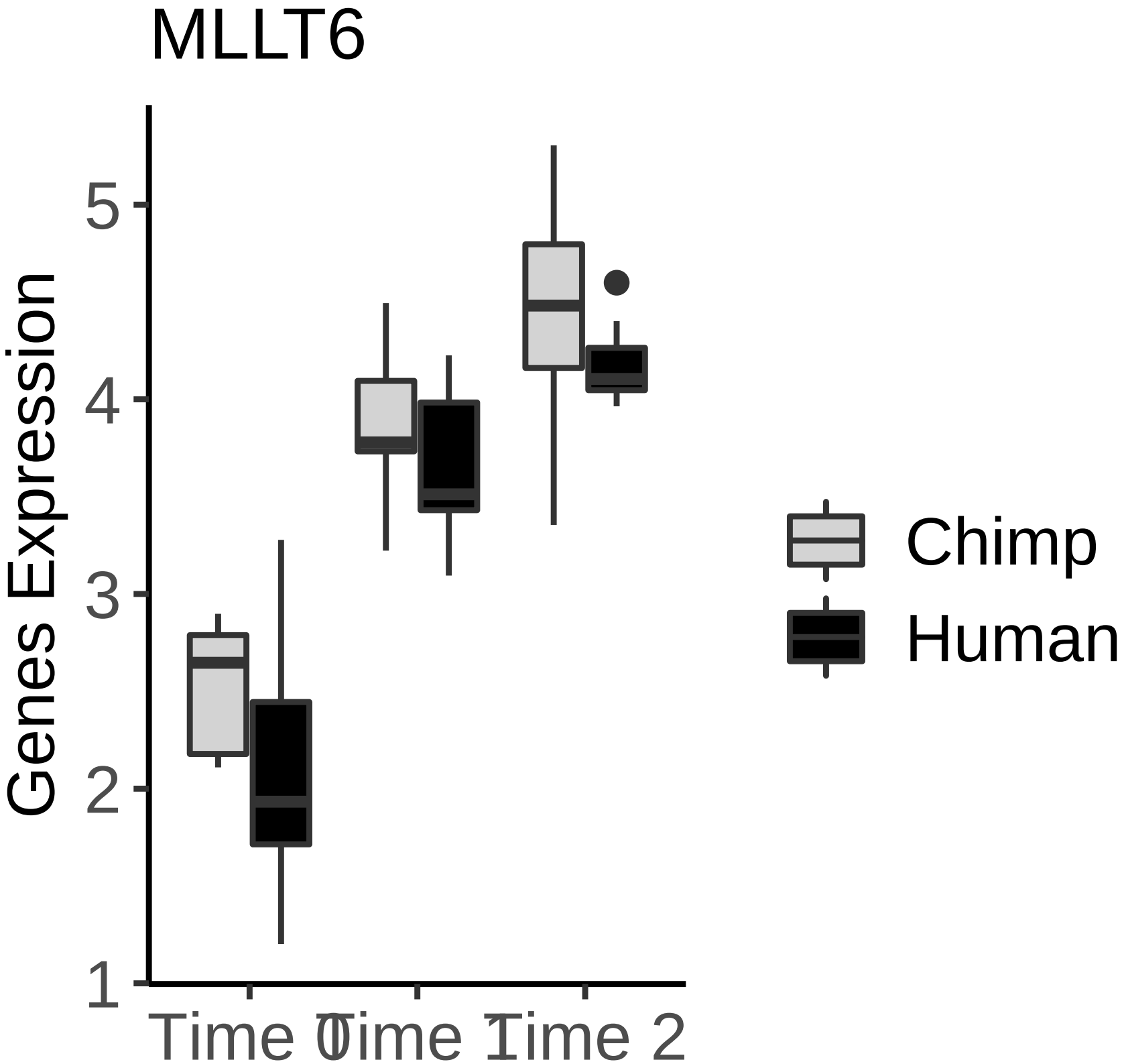
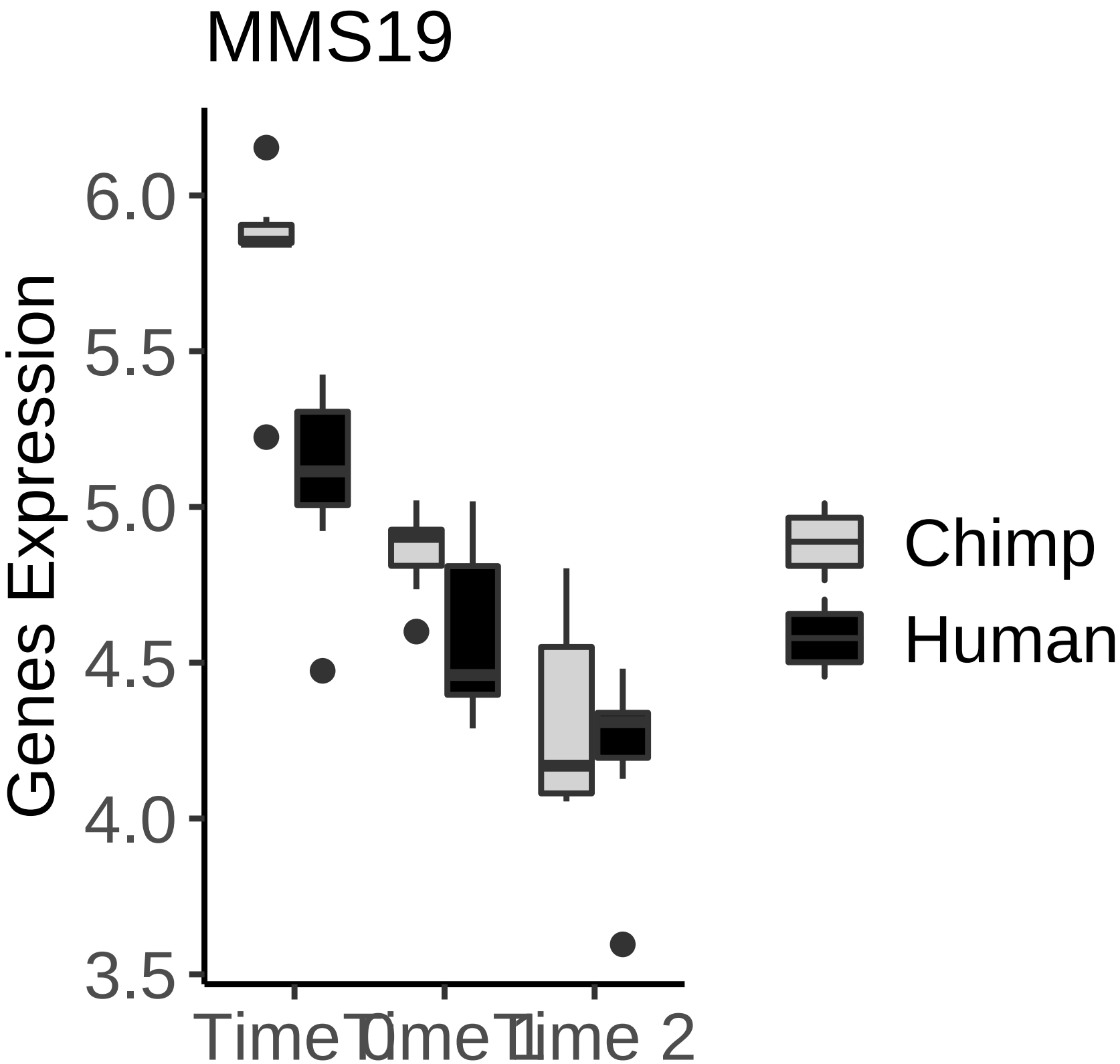

MLLT11
Genes Expression
10
8
6
4
2
Time 0
Time 1
Time 2
Chimp
Human


MLLT6
Genes Expression
5
4
3
2
1
Time 0
Time 1
Time 2
Chimp
Human


MMS19
Genes Expression
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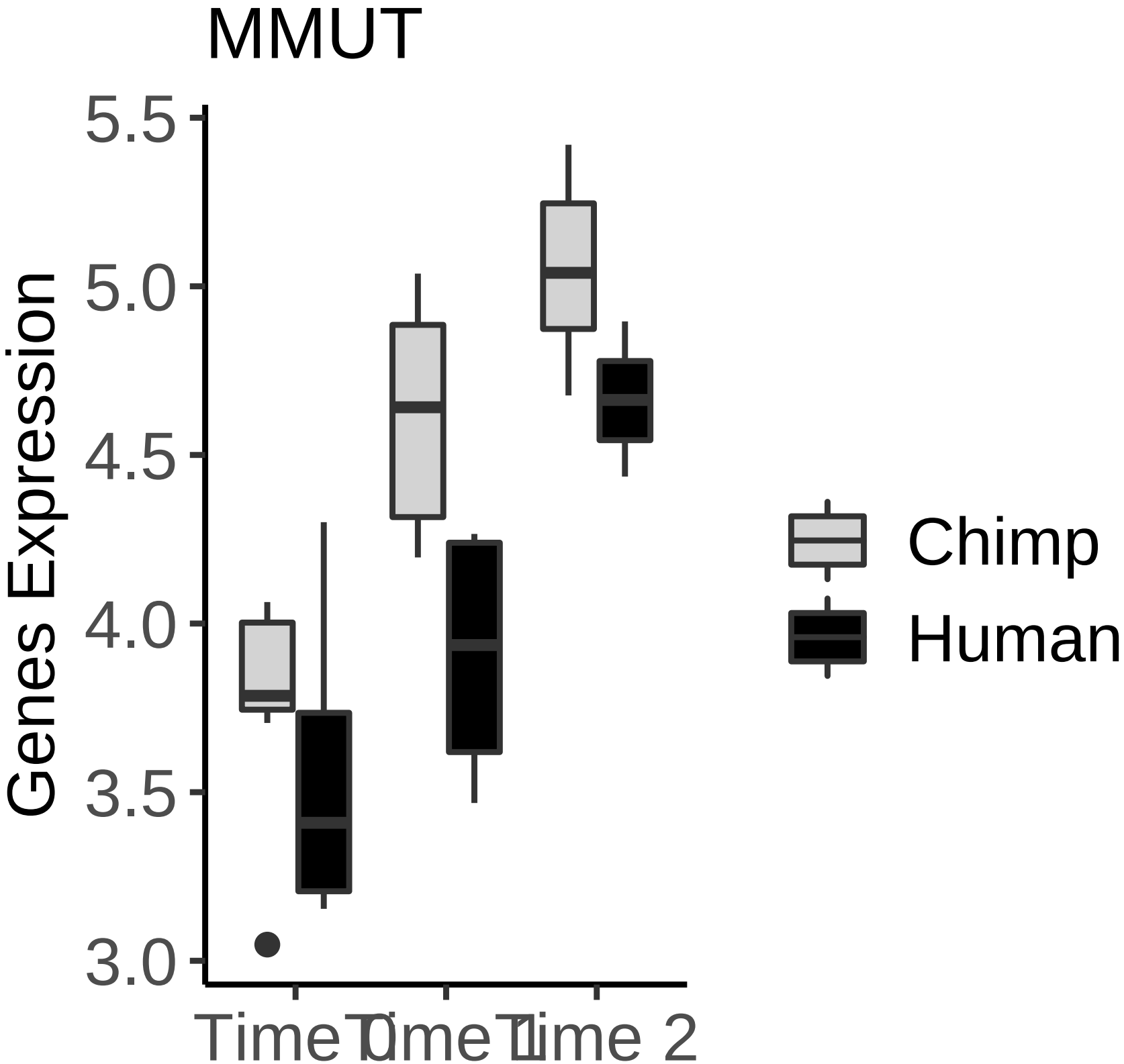
5.5
5.0
4.5
4.0
3.5
Time 0
Time 1
Time 2
Chimp
Human


MMUT
Genes Expression
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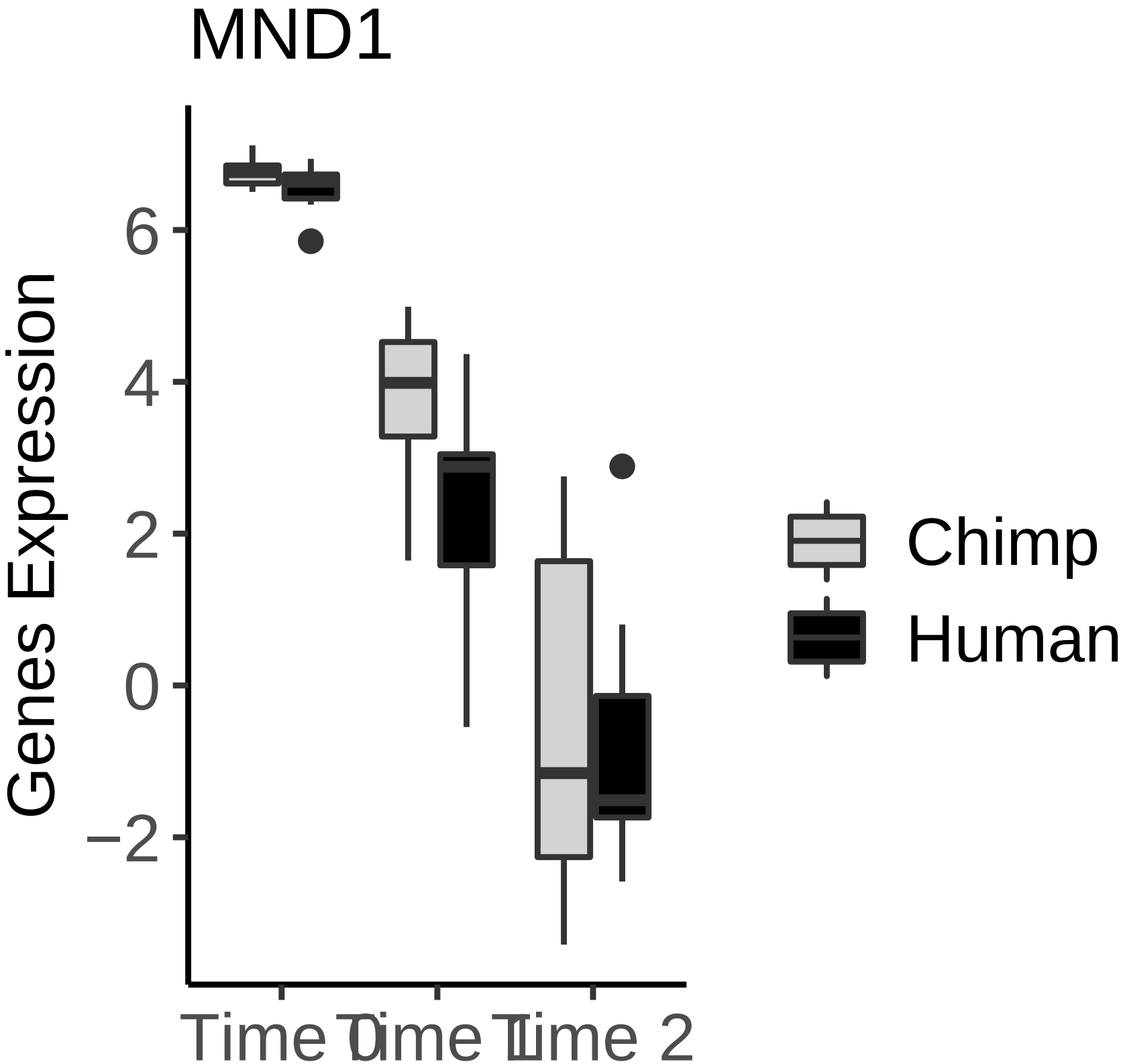
4.0
3.5
3.0
Time 0
Time 1
Time 2
Chimp
Human


MND1
Genes Expression
6
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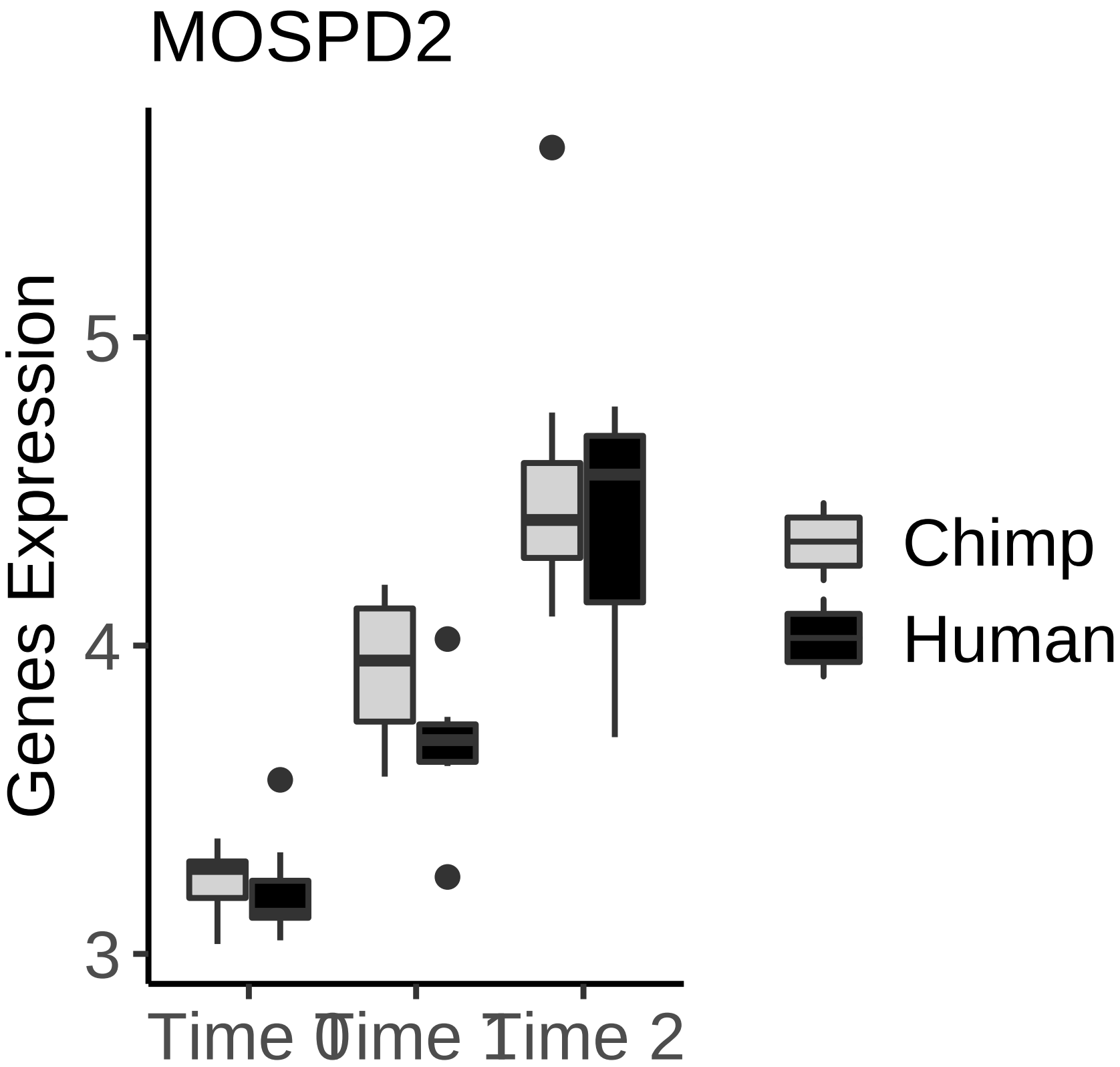
0
−2
Time 0
Time 1
Time 2
Chimp
Human


MOSPD2
Genes Expression
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Time 1
Time 2
Chimp
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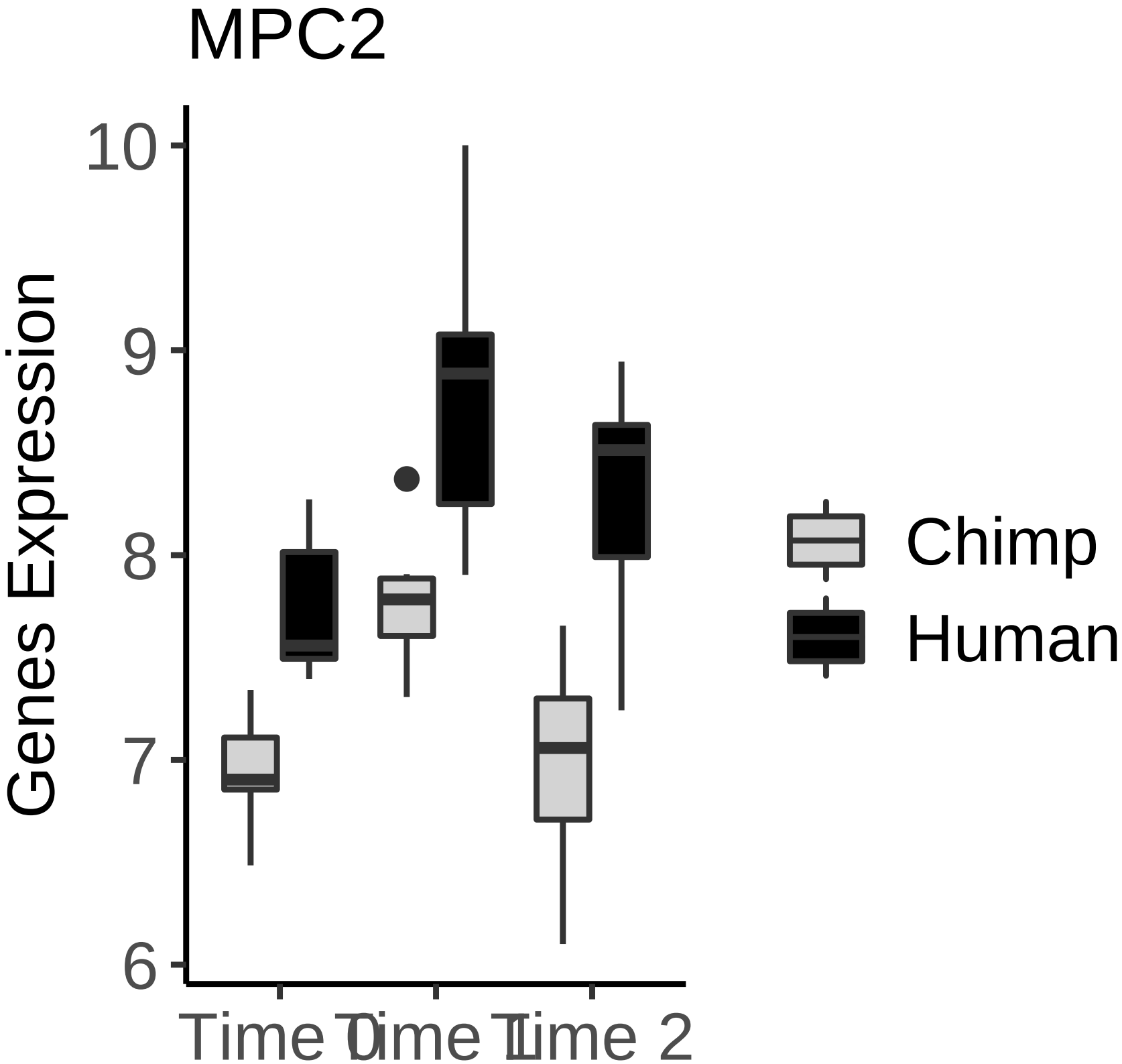
MPC2
Genes Expression
10
9
8
7
6
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Time 2
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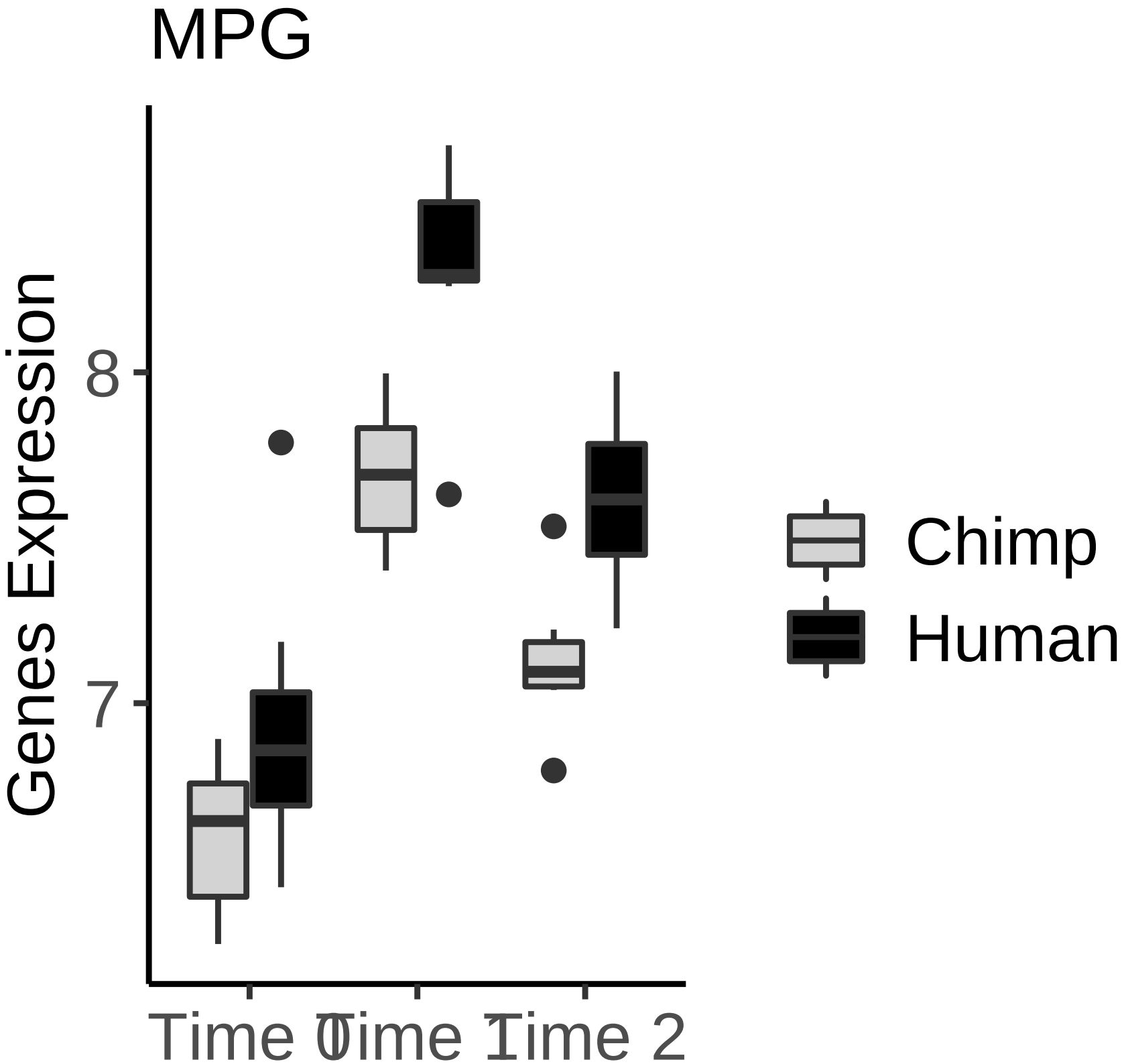
MPG
Genes Expression
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Time 2
Chimp
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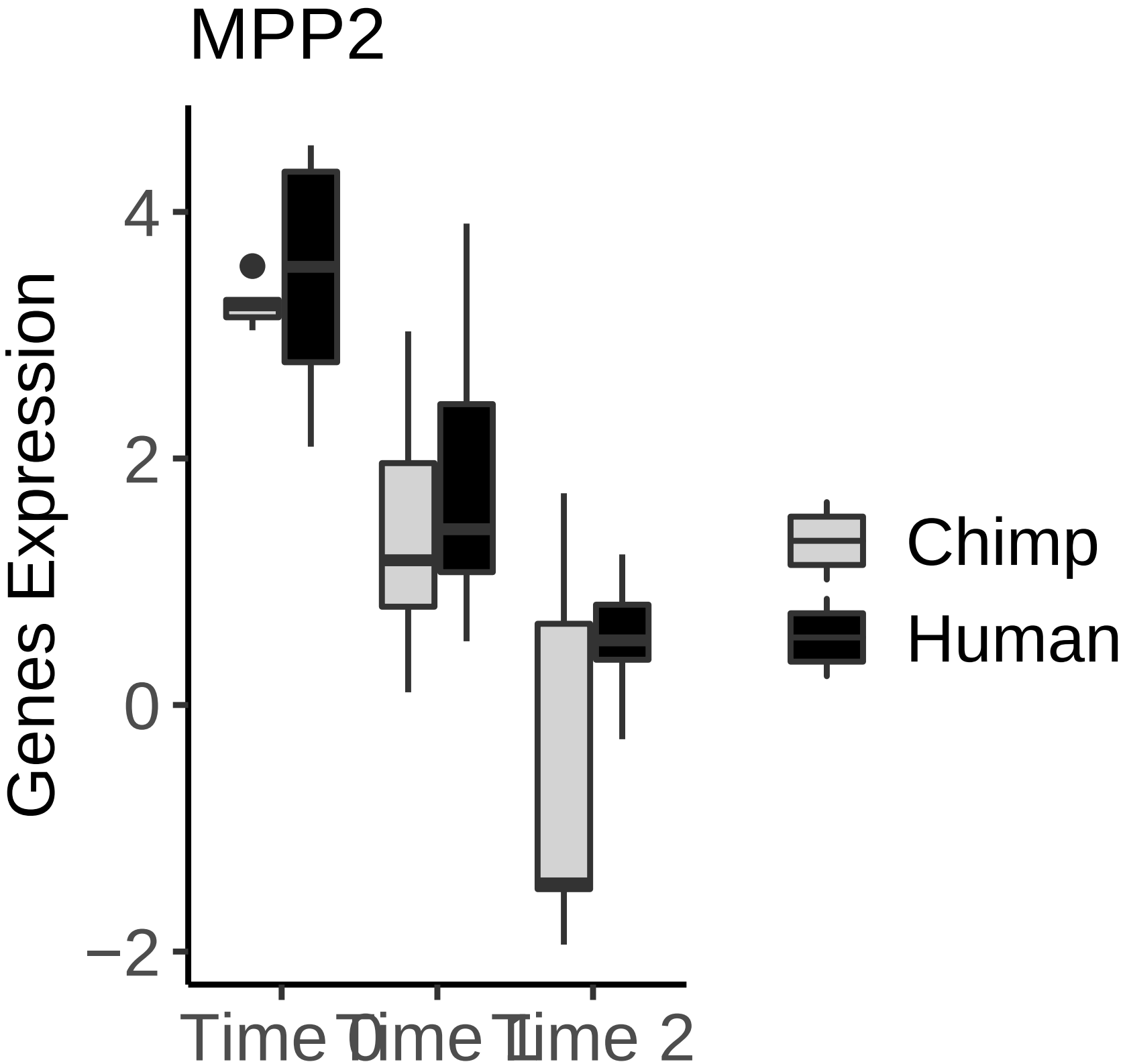
MPP2
Genes Expression
4
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0
−2
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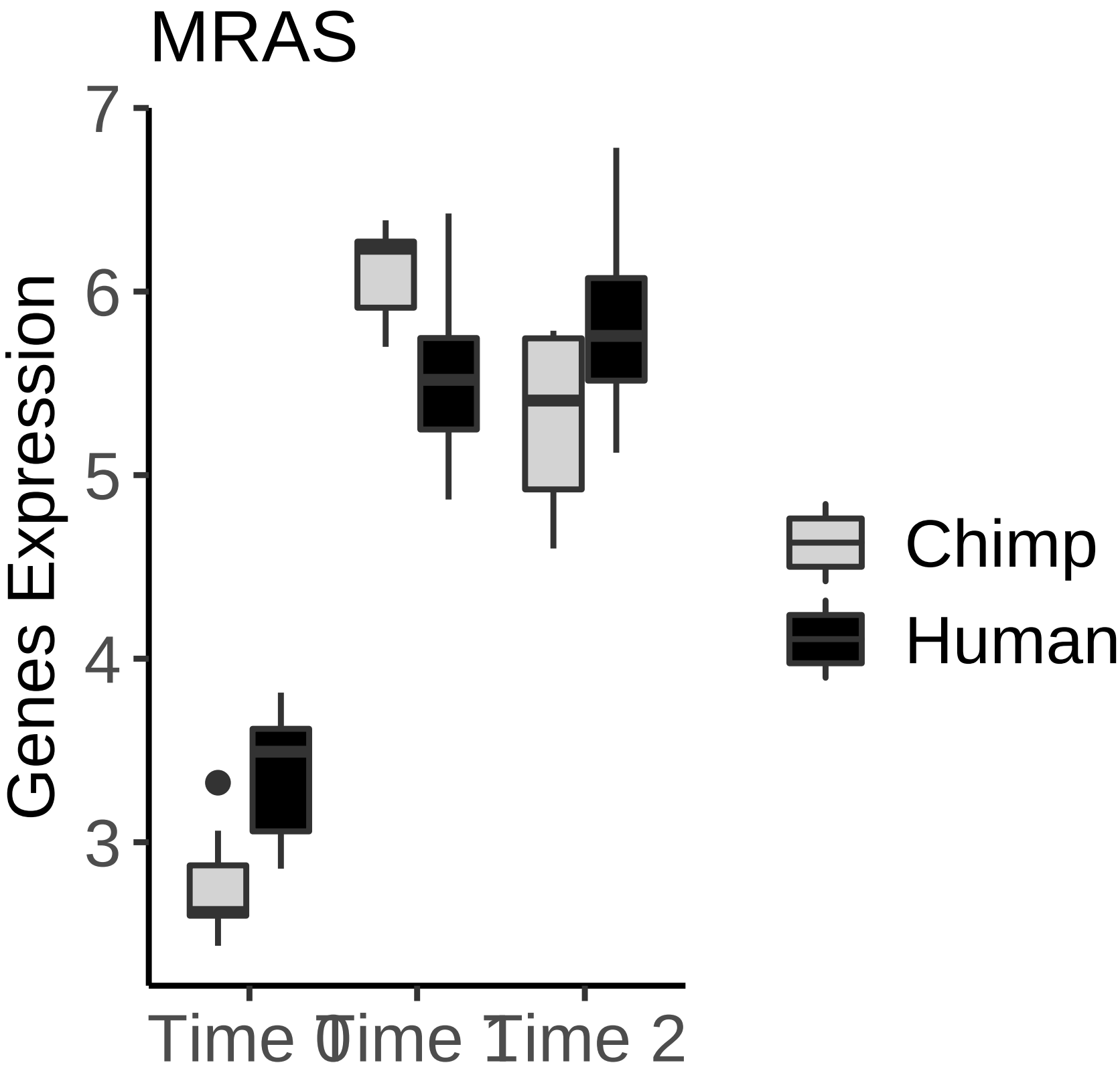
Time 1
Time 2
Chimp
Human


MRAS
Genes Expression
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4
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Time 2
Chimp
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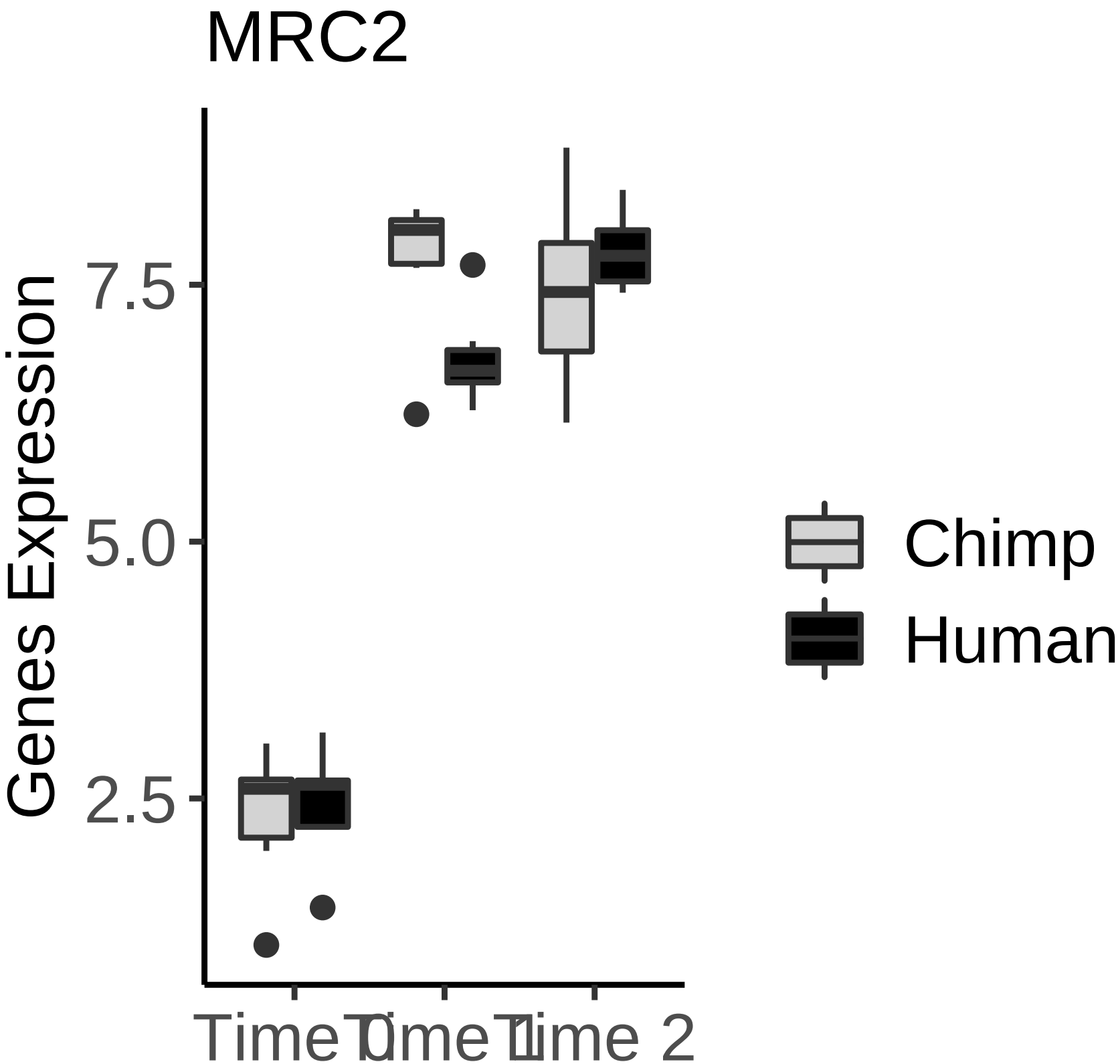
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Time 1
Time 2
Chimp
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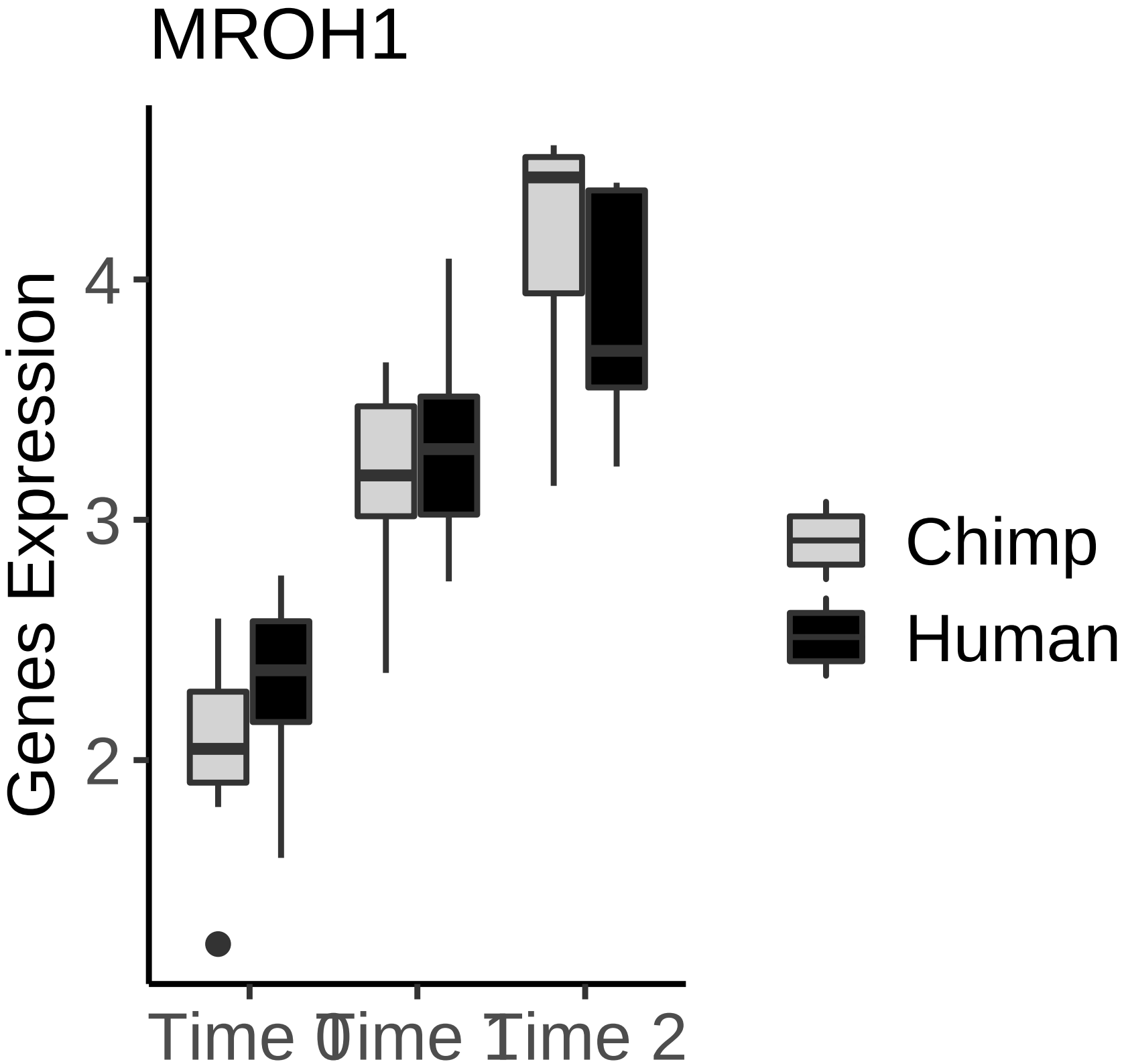
MROH1
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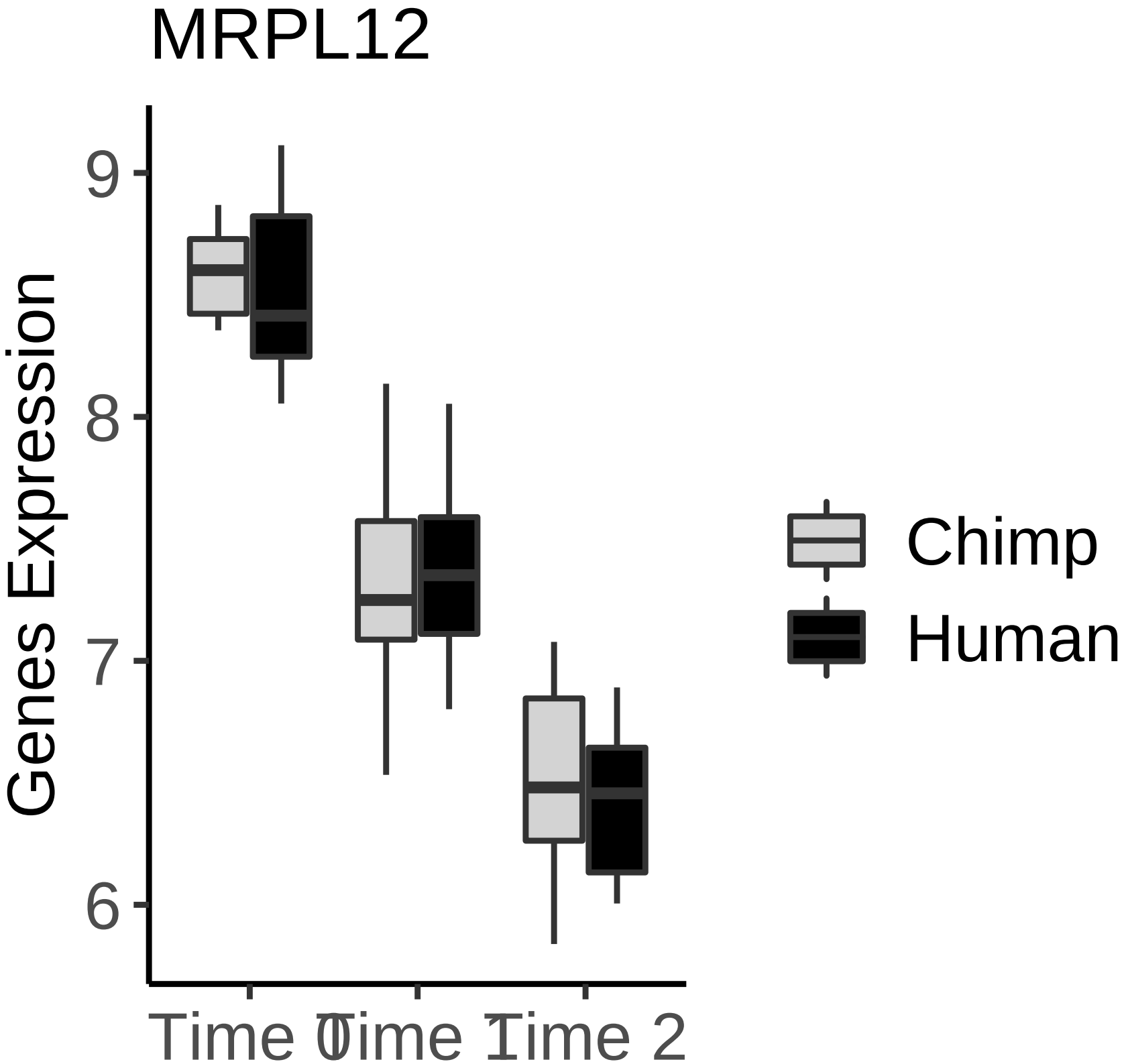
MRPL12
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Chimp
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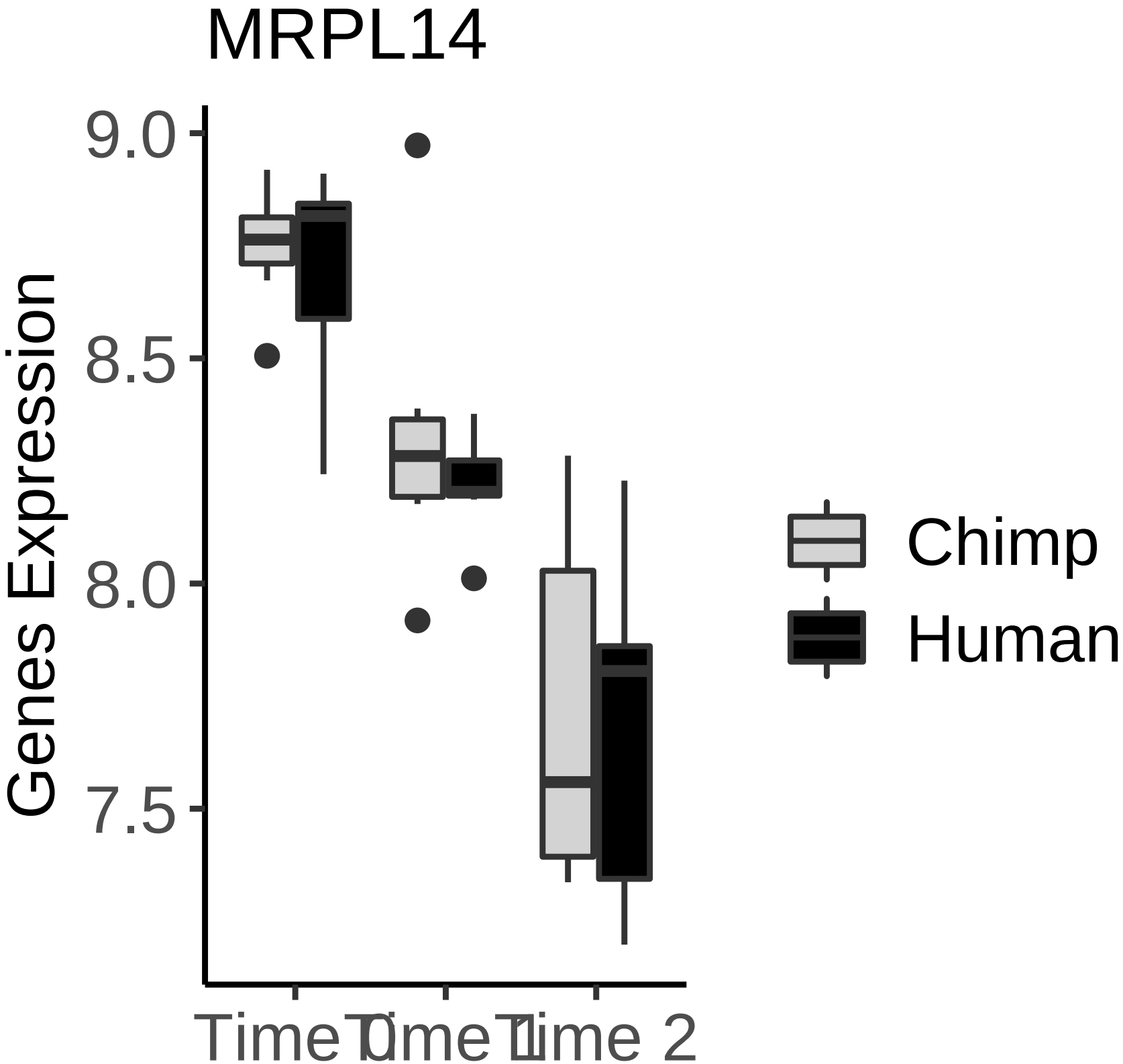
MRPL14
Genes Expression
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Time 1
Time 2
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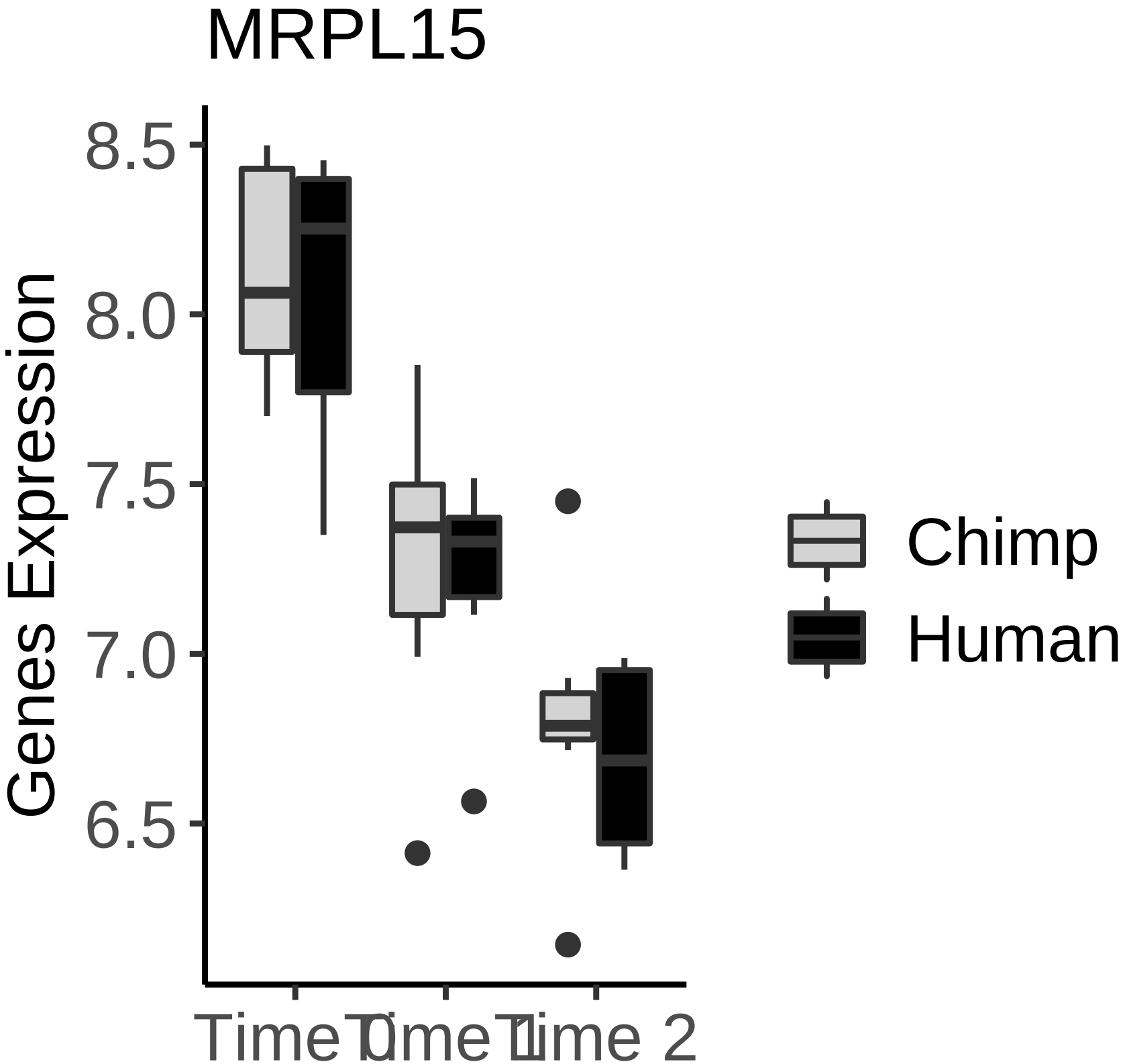
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Time 2
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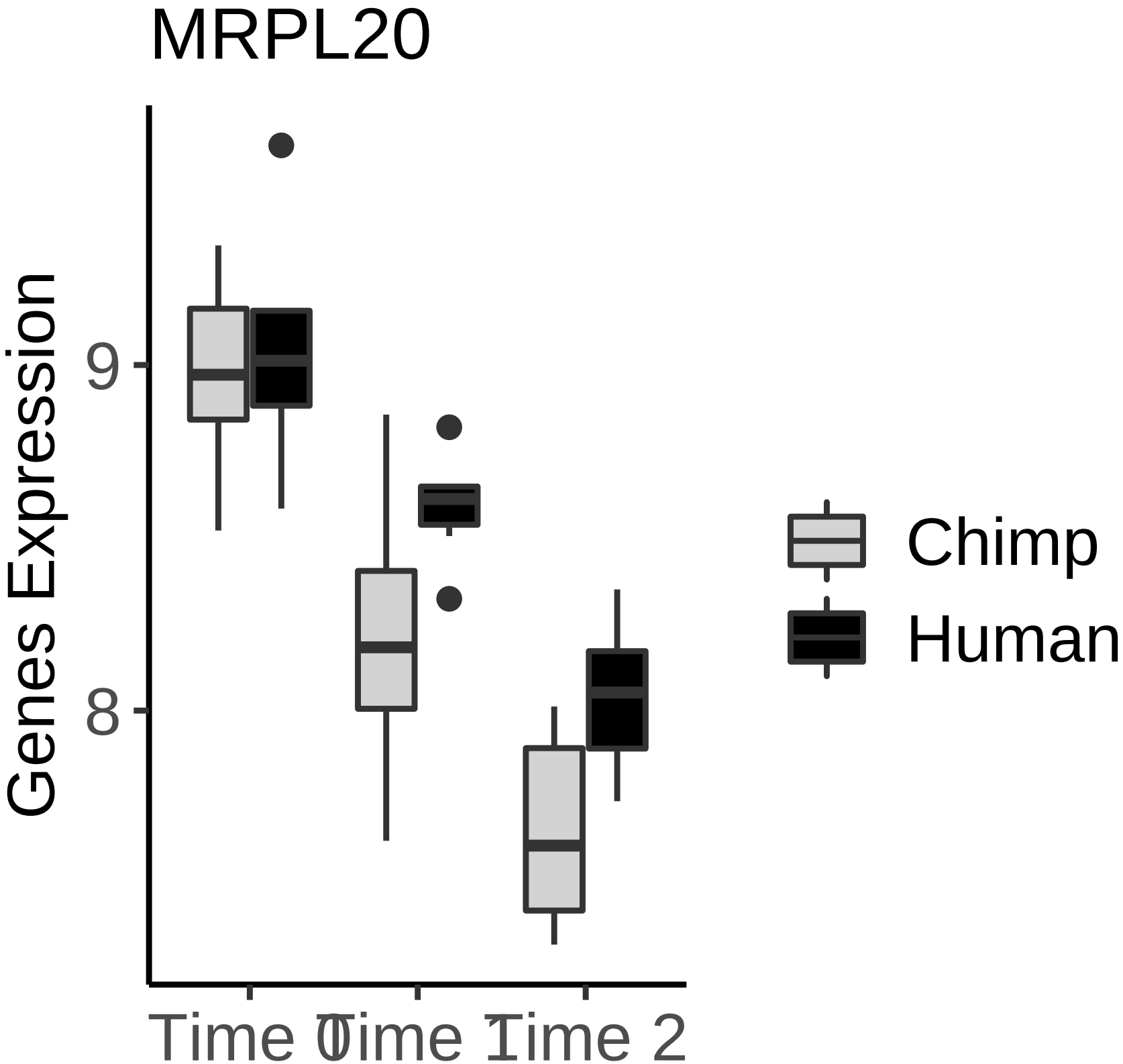
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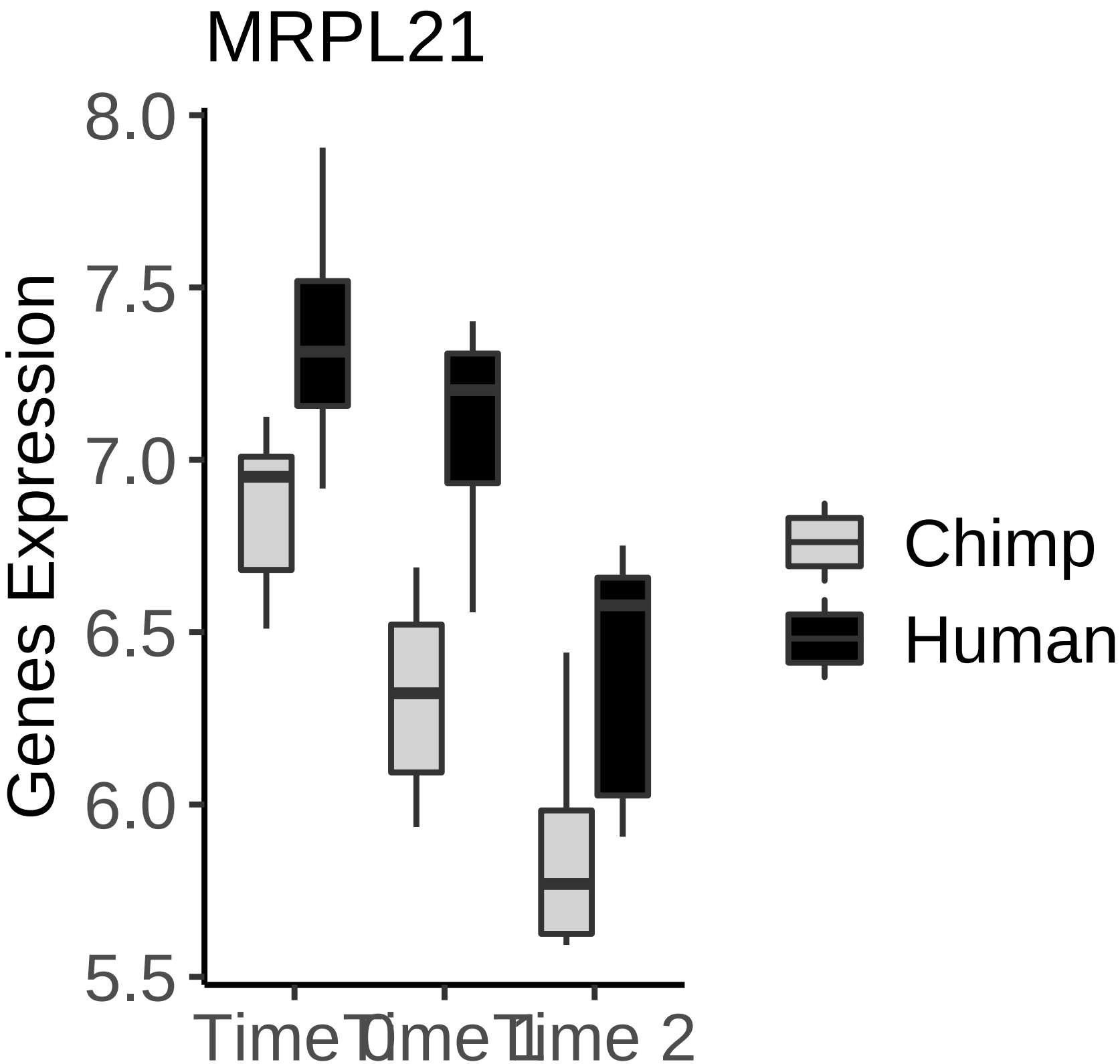
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5.5
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Time 2
Chimp
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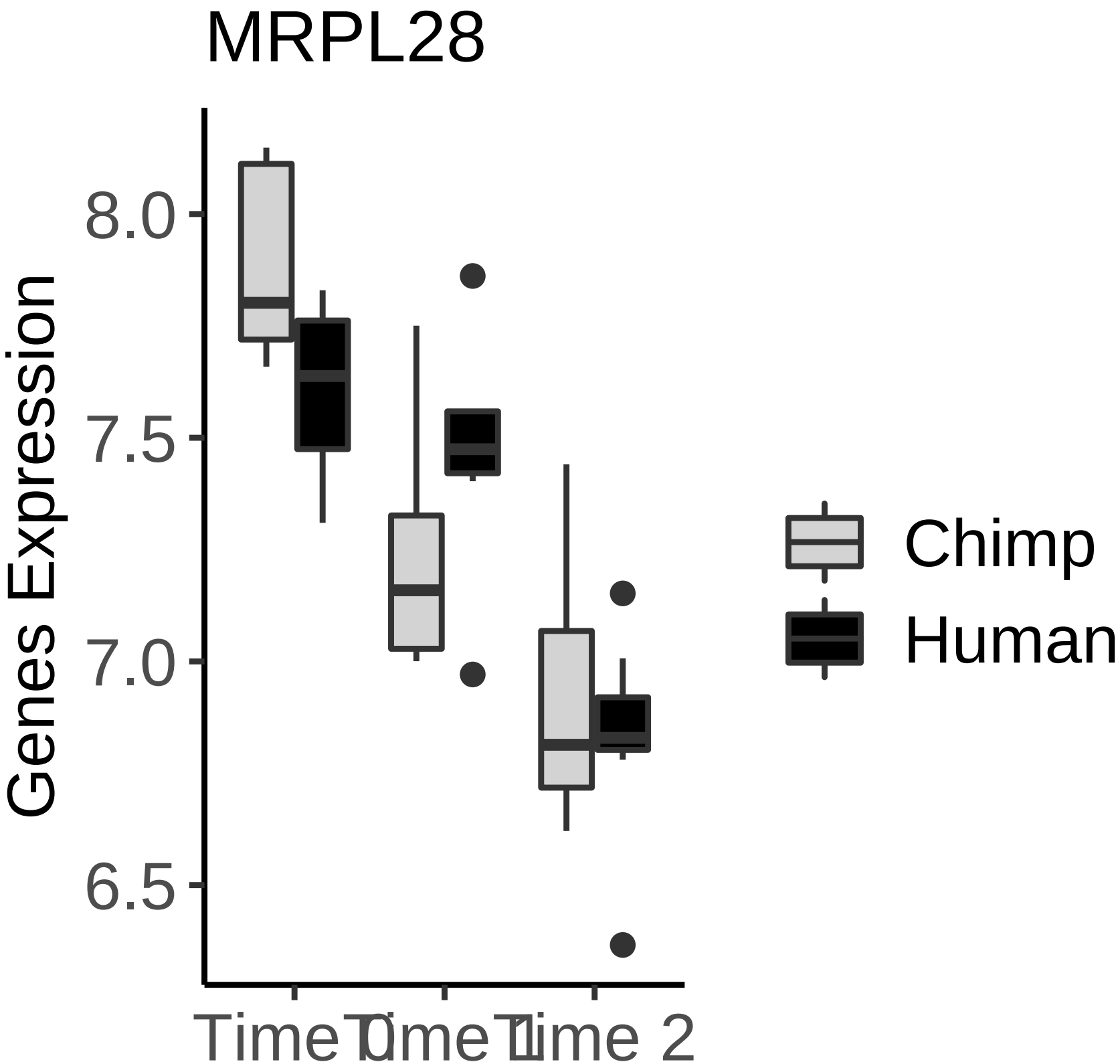
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Time 1
Time 2
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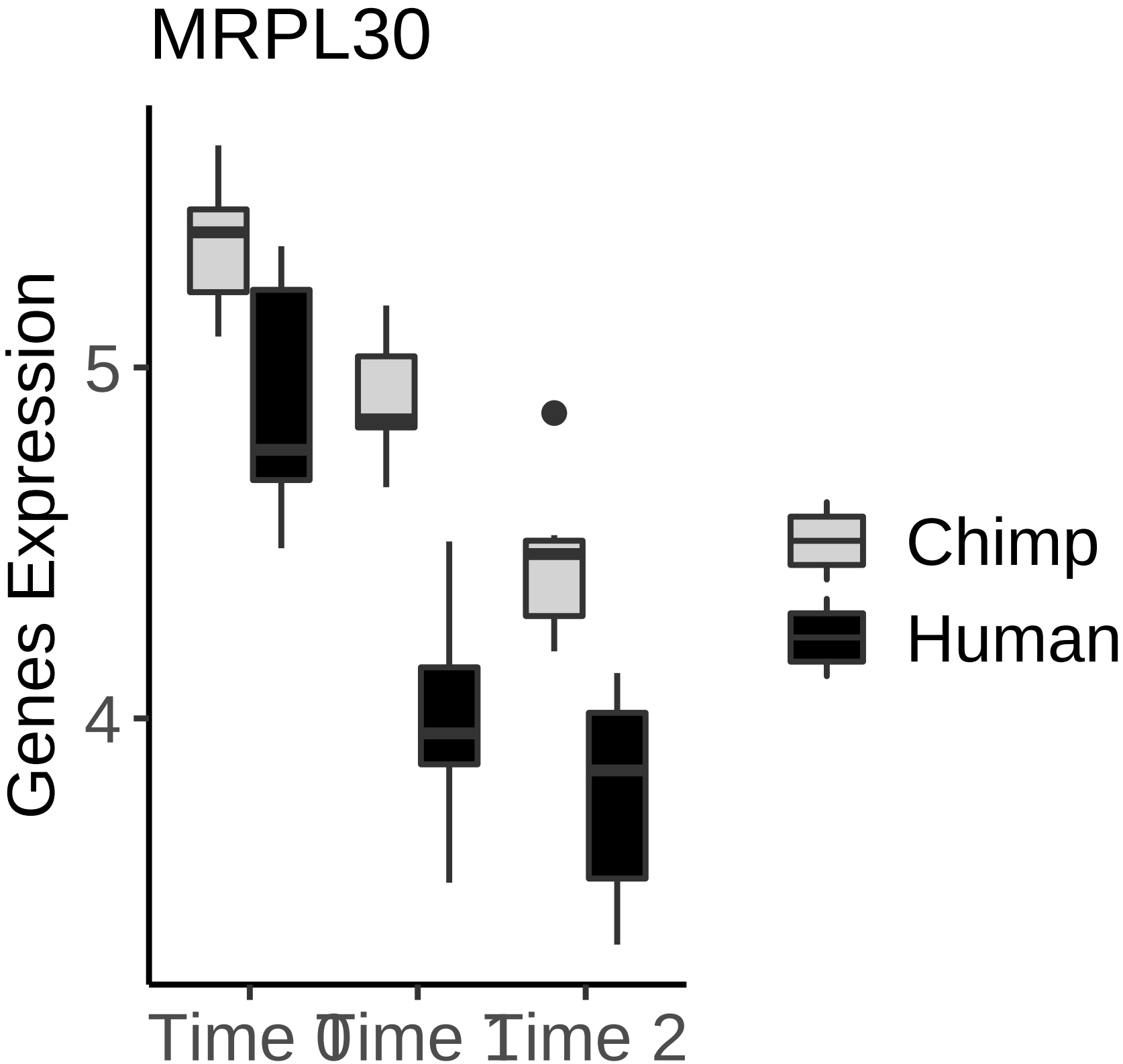
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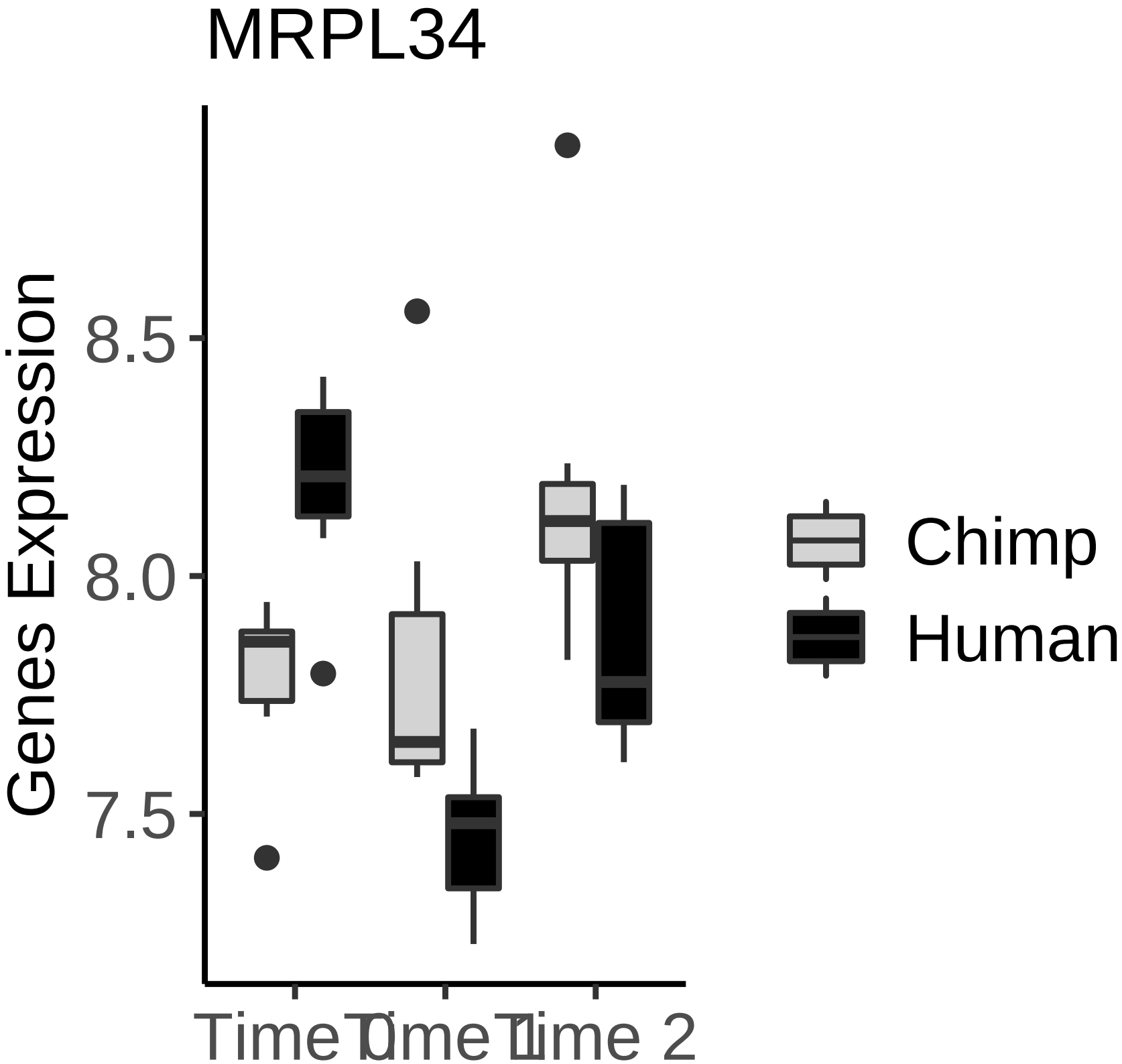
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Time 2
Chimp
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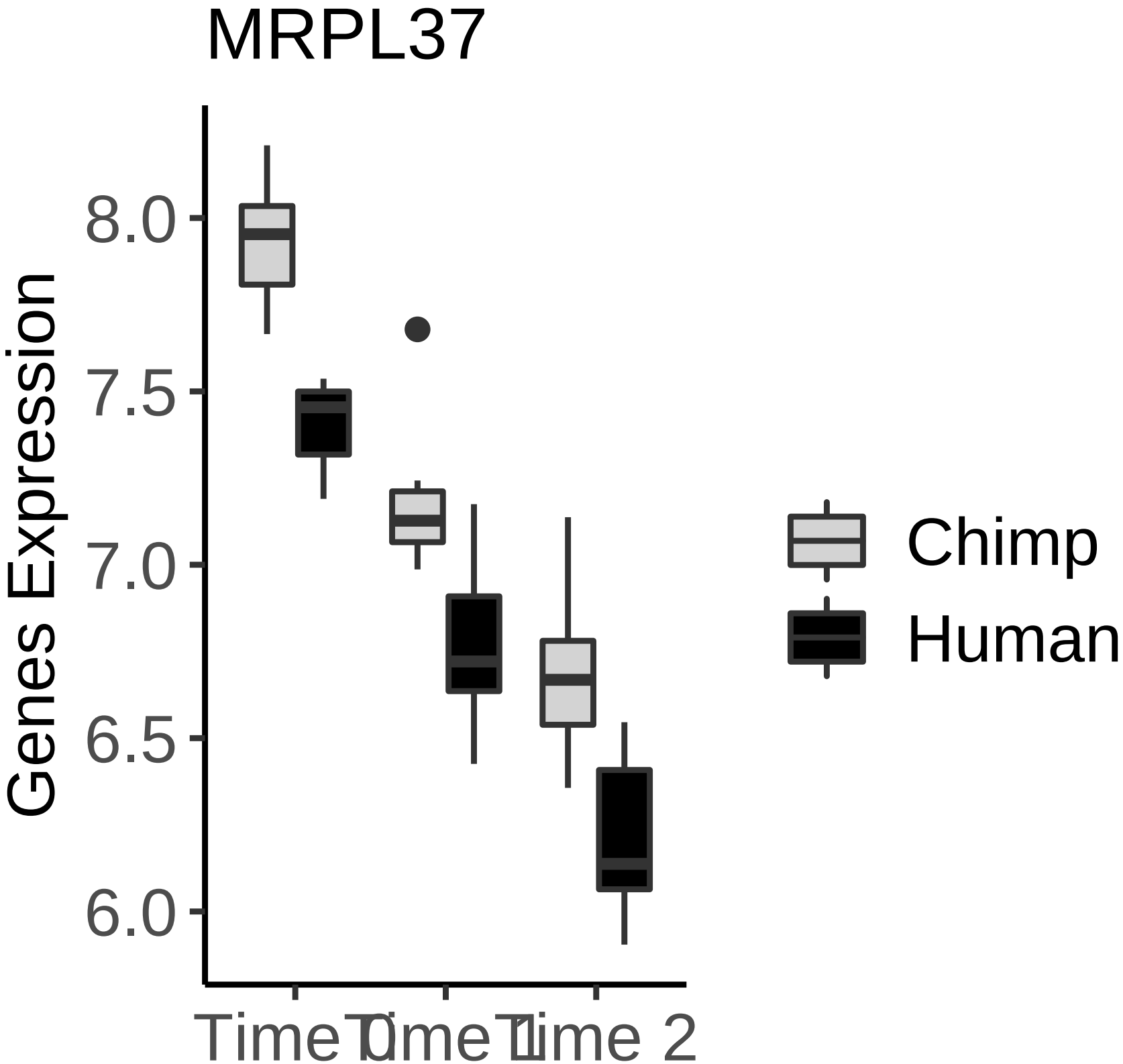
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Time 2
Chimp
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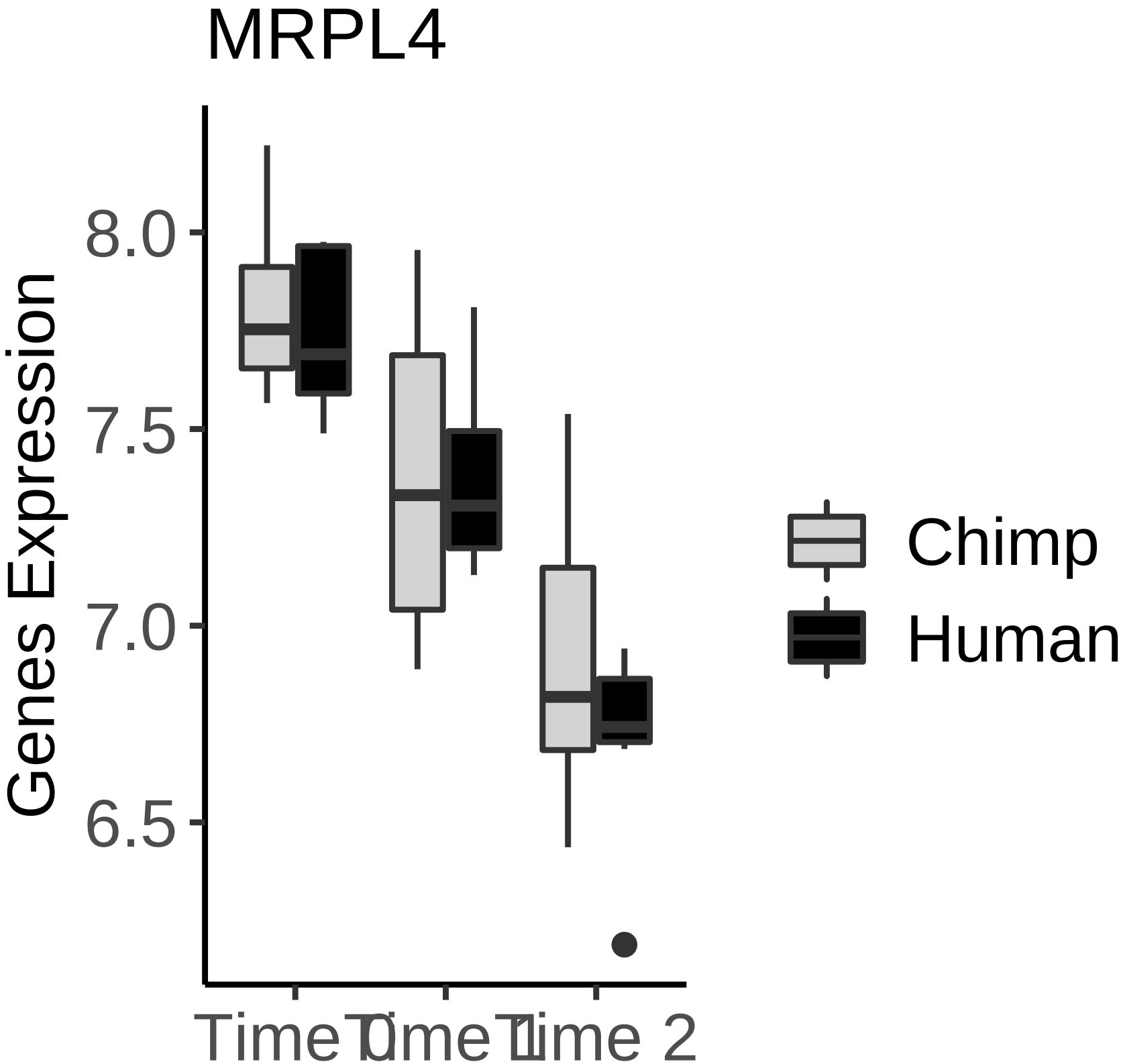
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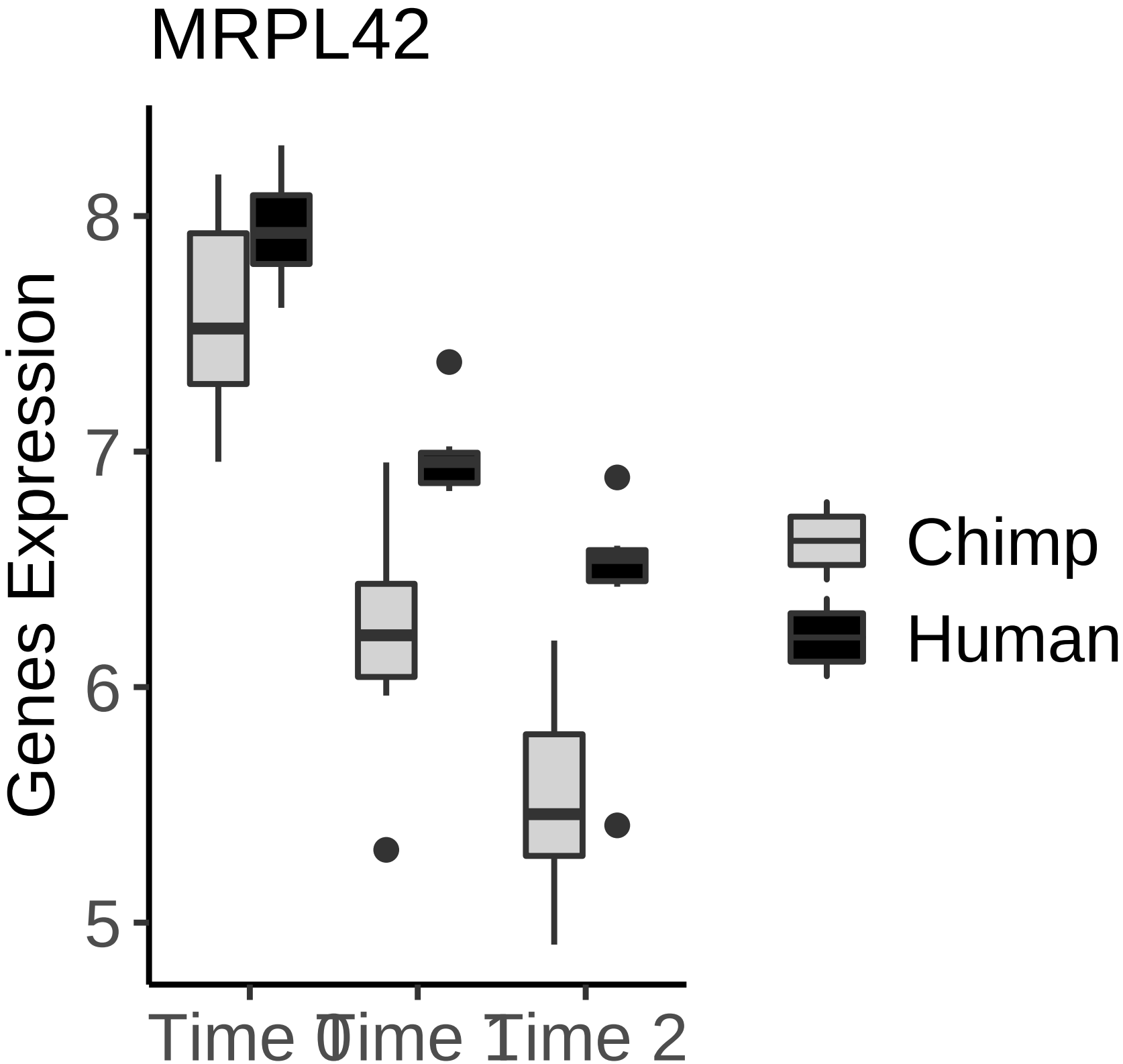
Time 1
Time 2
Chimp
Human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Genes Expression
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6
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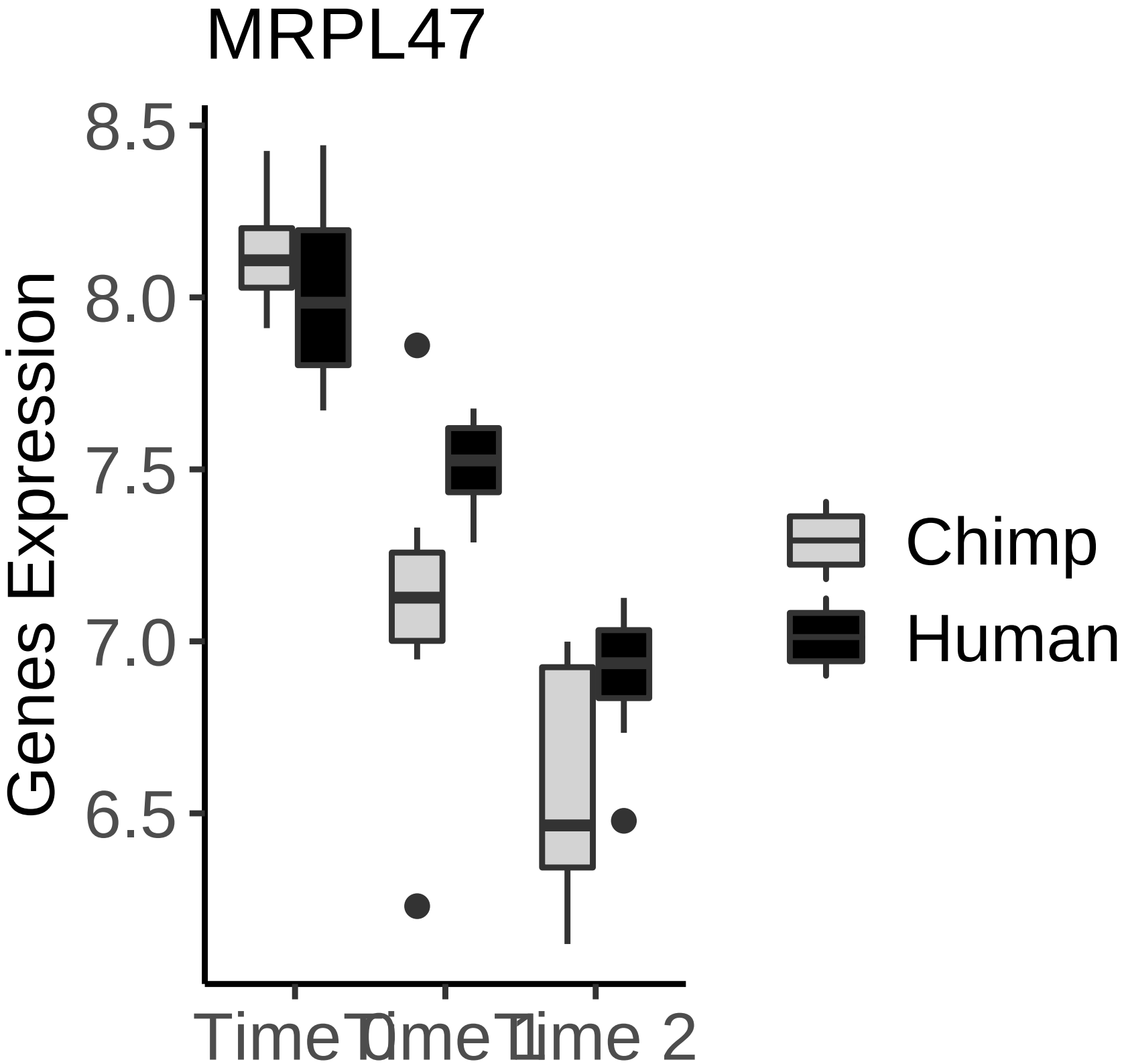
Time 0
Time 1
Time 2
Chimp
Human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Time 2
Chimp
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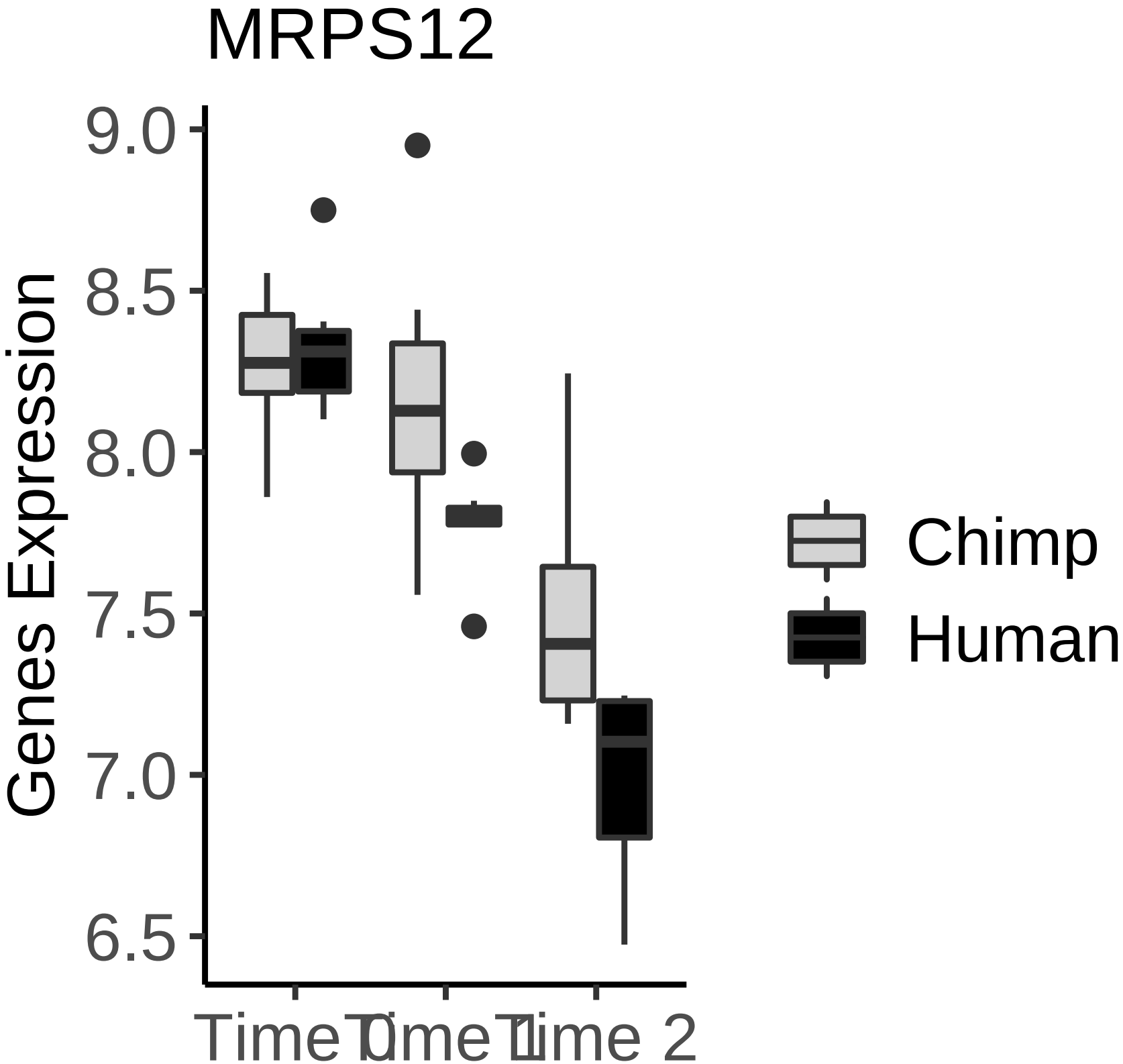
MRPS12
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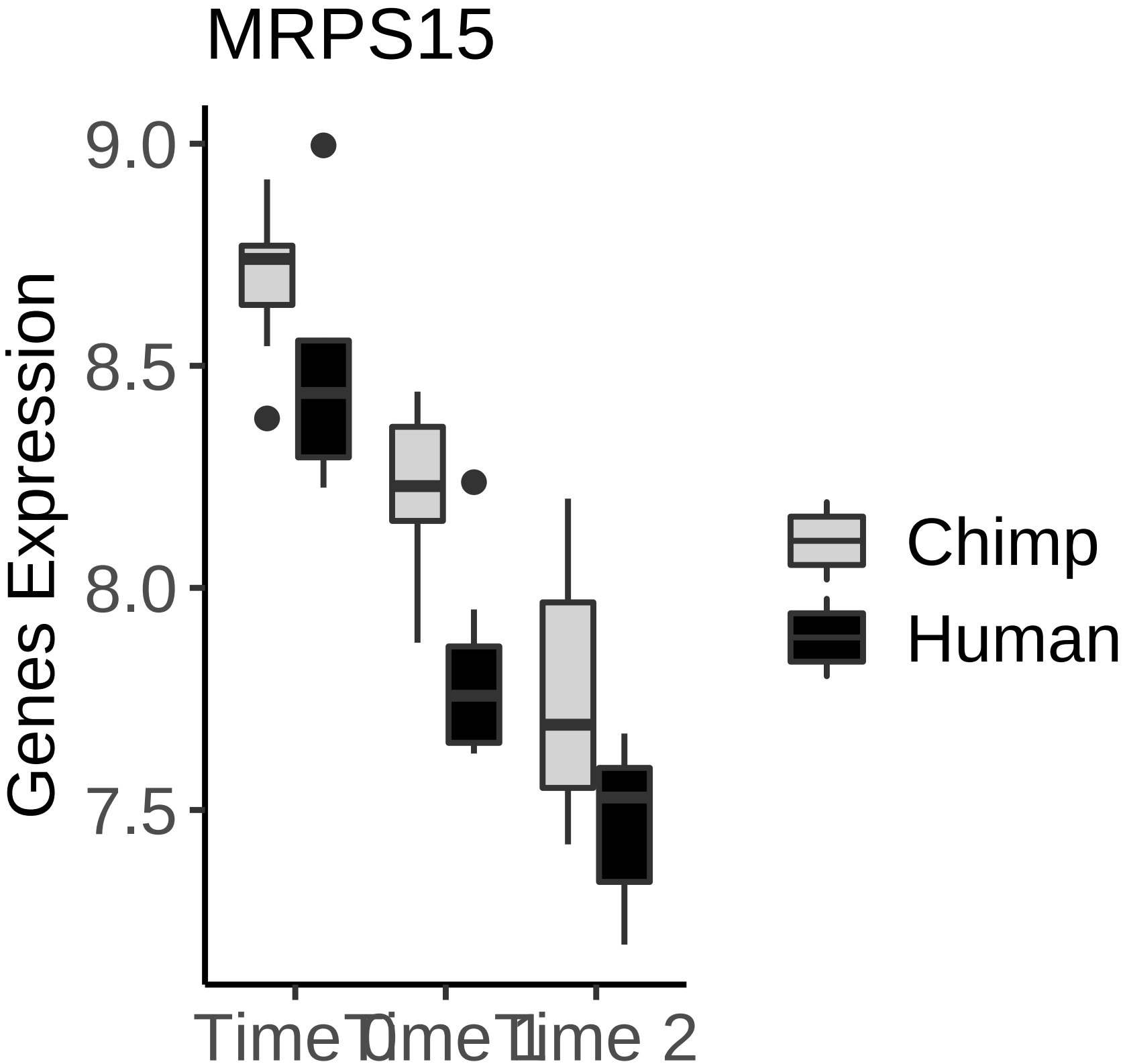
6.5
Time 0
Time 1
Time 2
Chimp
Human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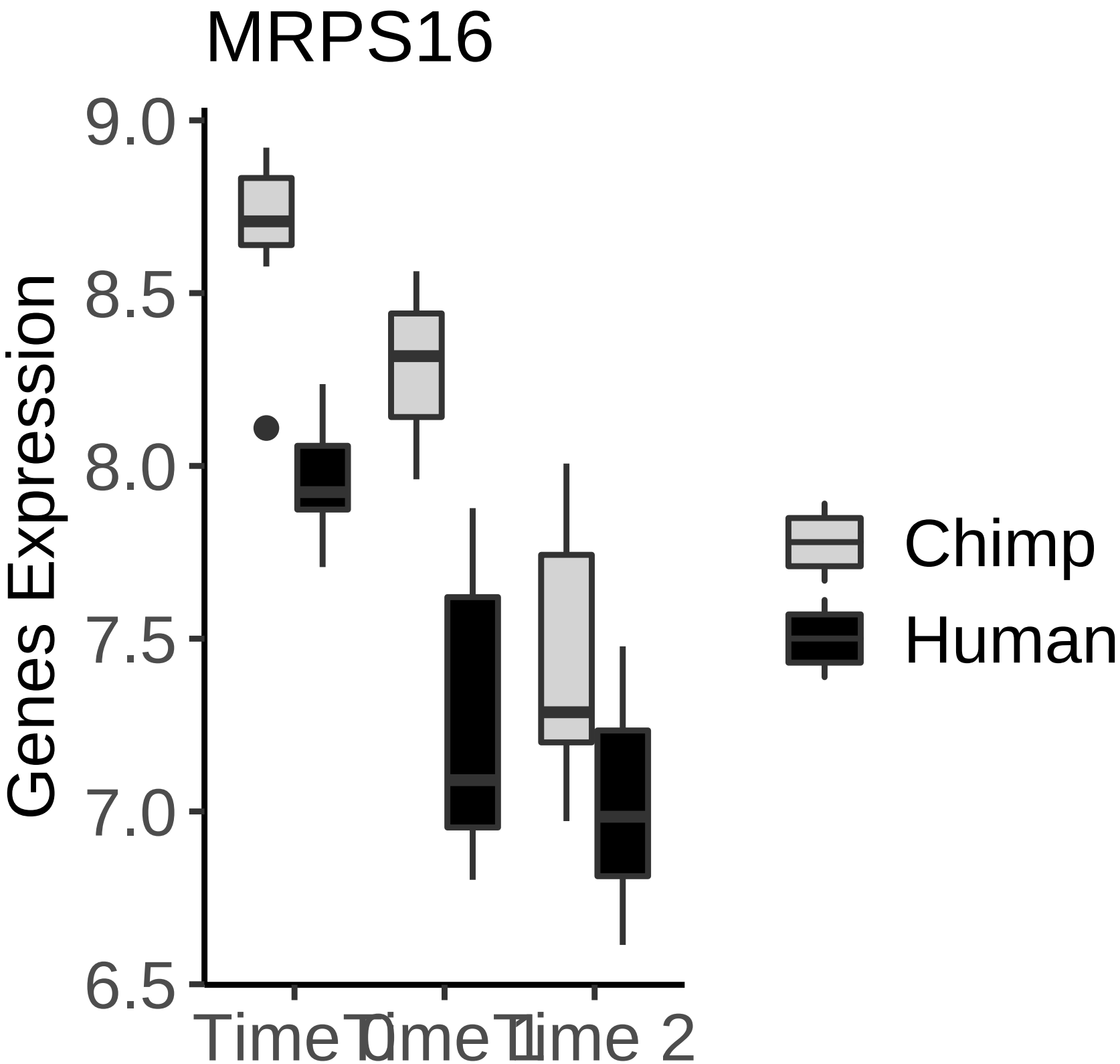
Time 1
Time 2
Chimp
Human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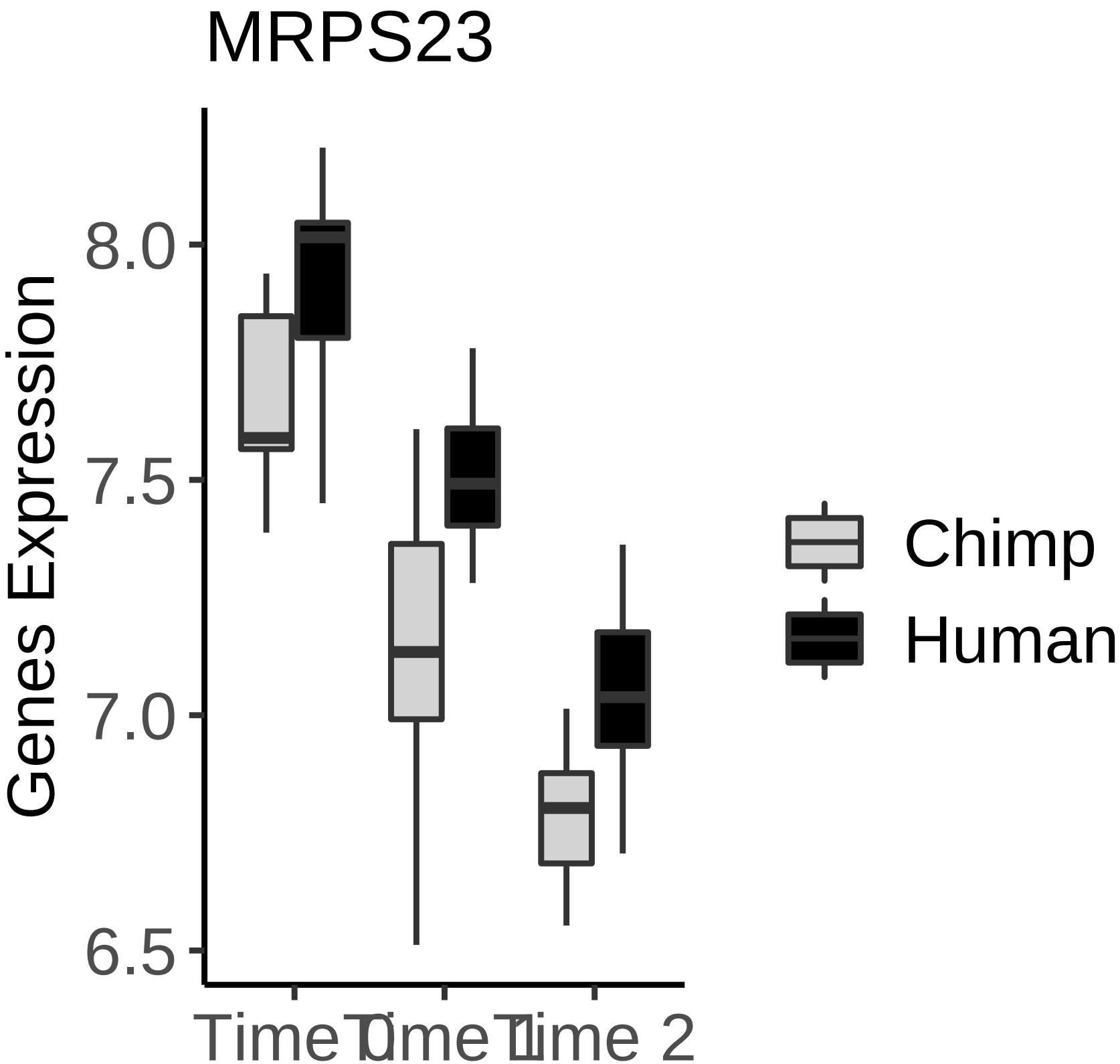
6.5
Time 0
Time 1
Time 2
Chimp
Human


MRPS23
Genes Expression
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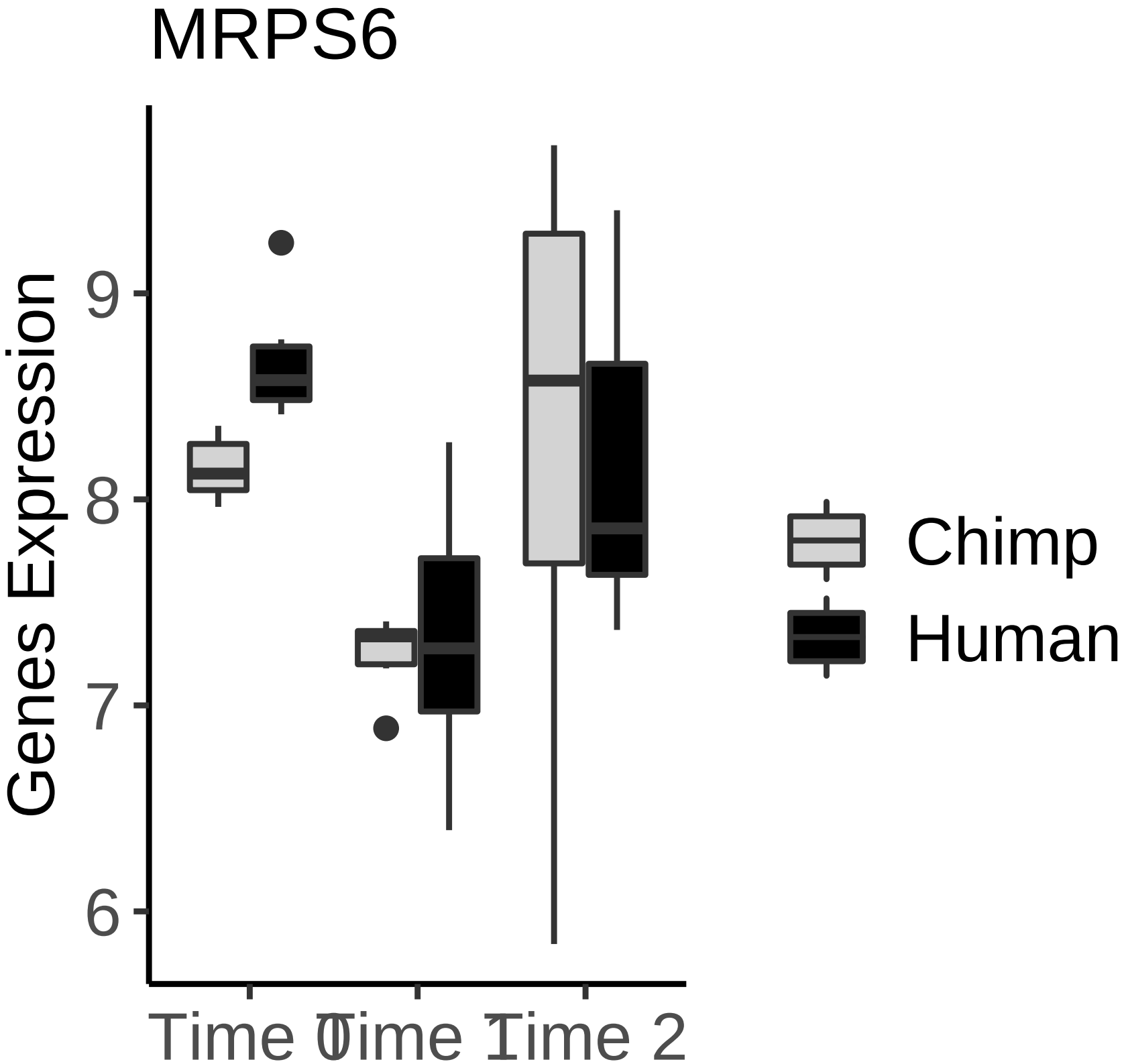
Time 1
Time 2
Chimp
Human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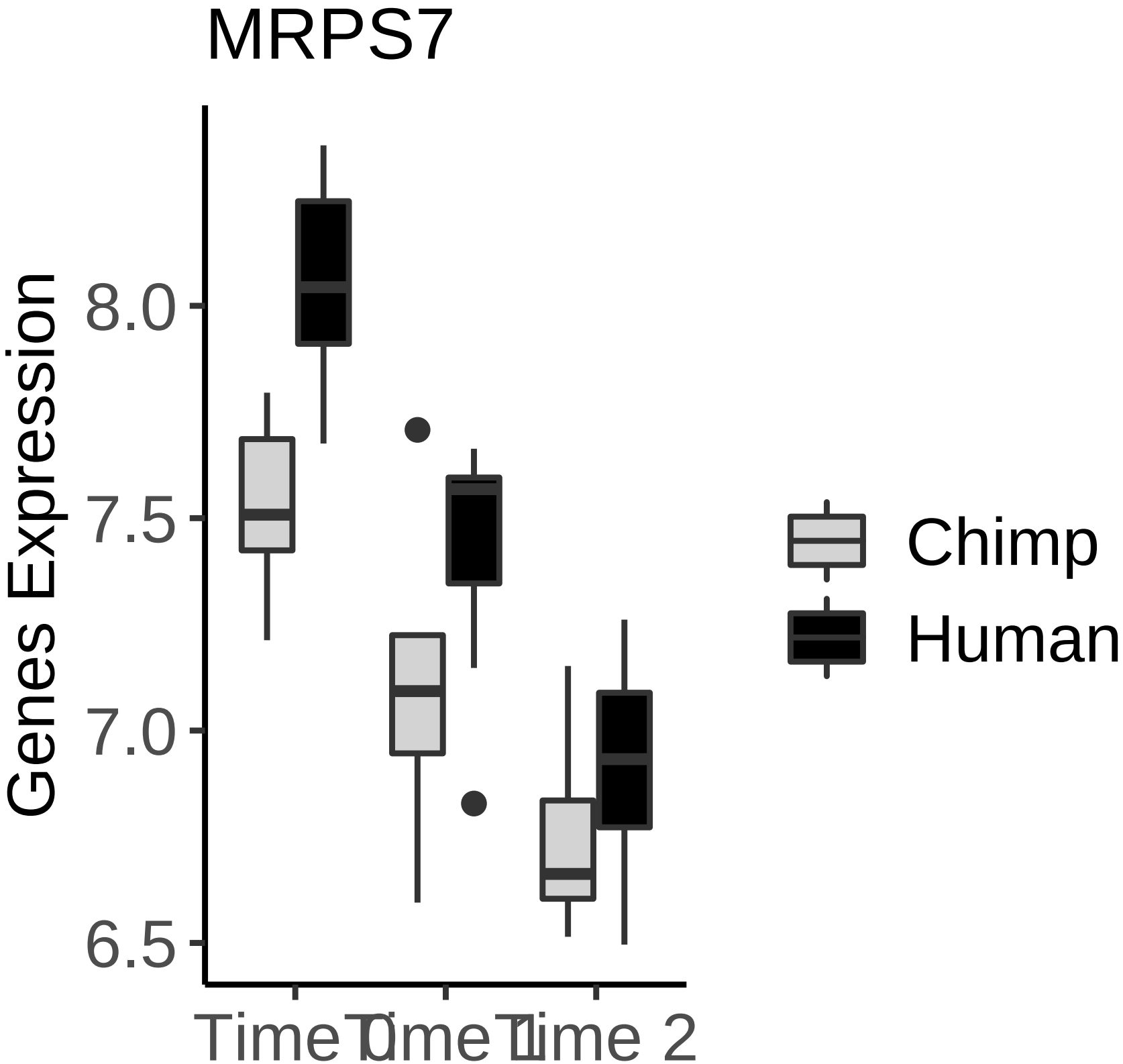
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Time 2
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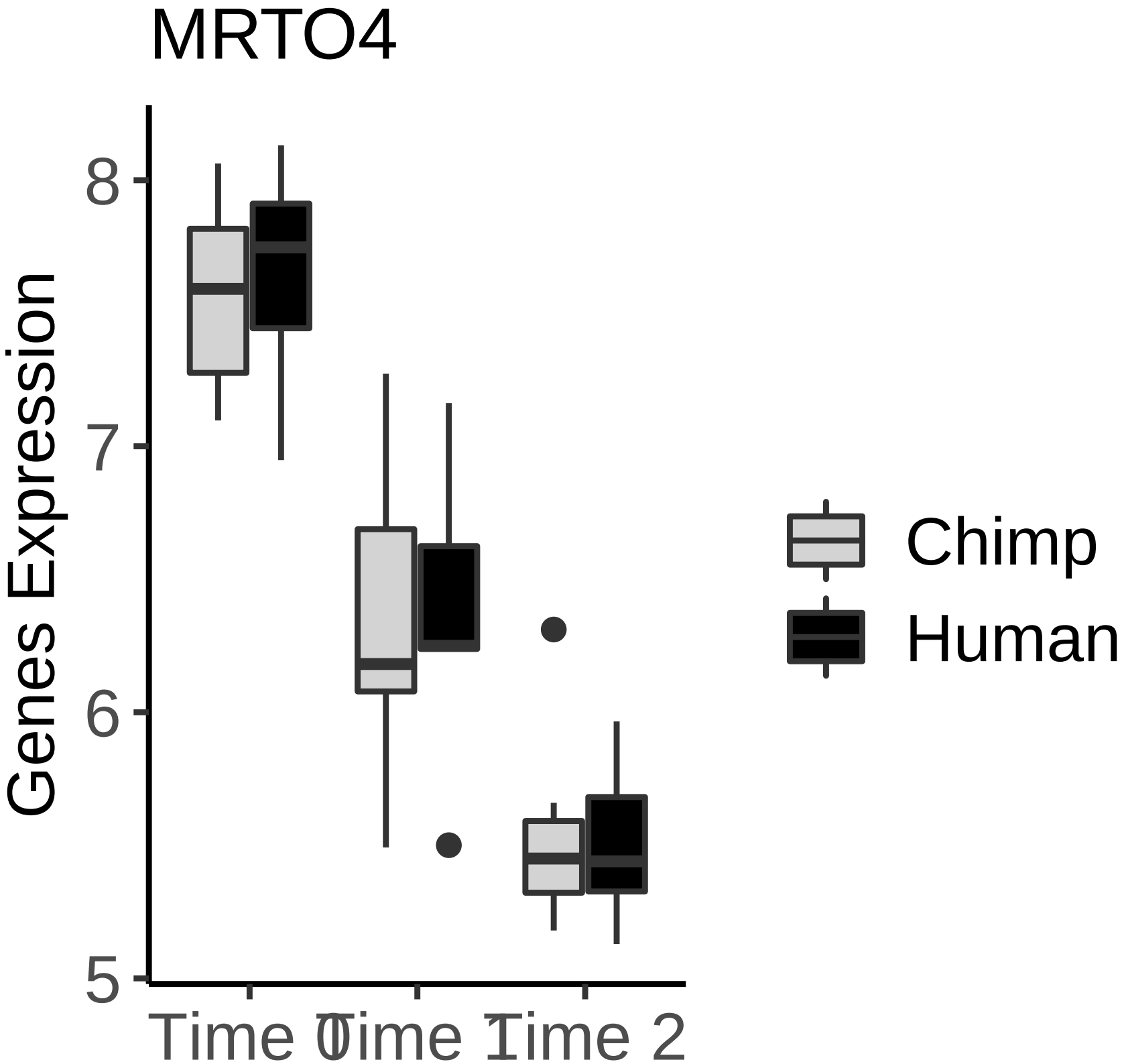
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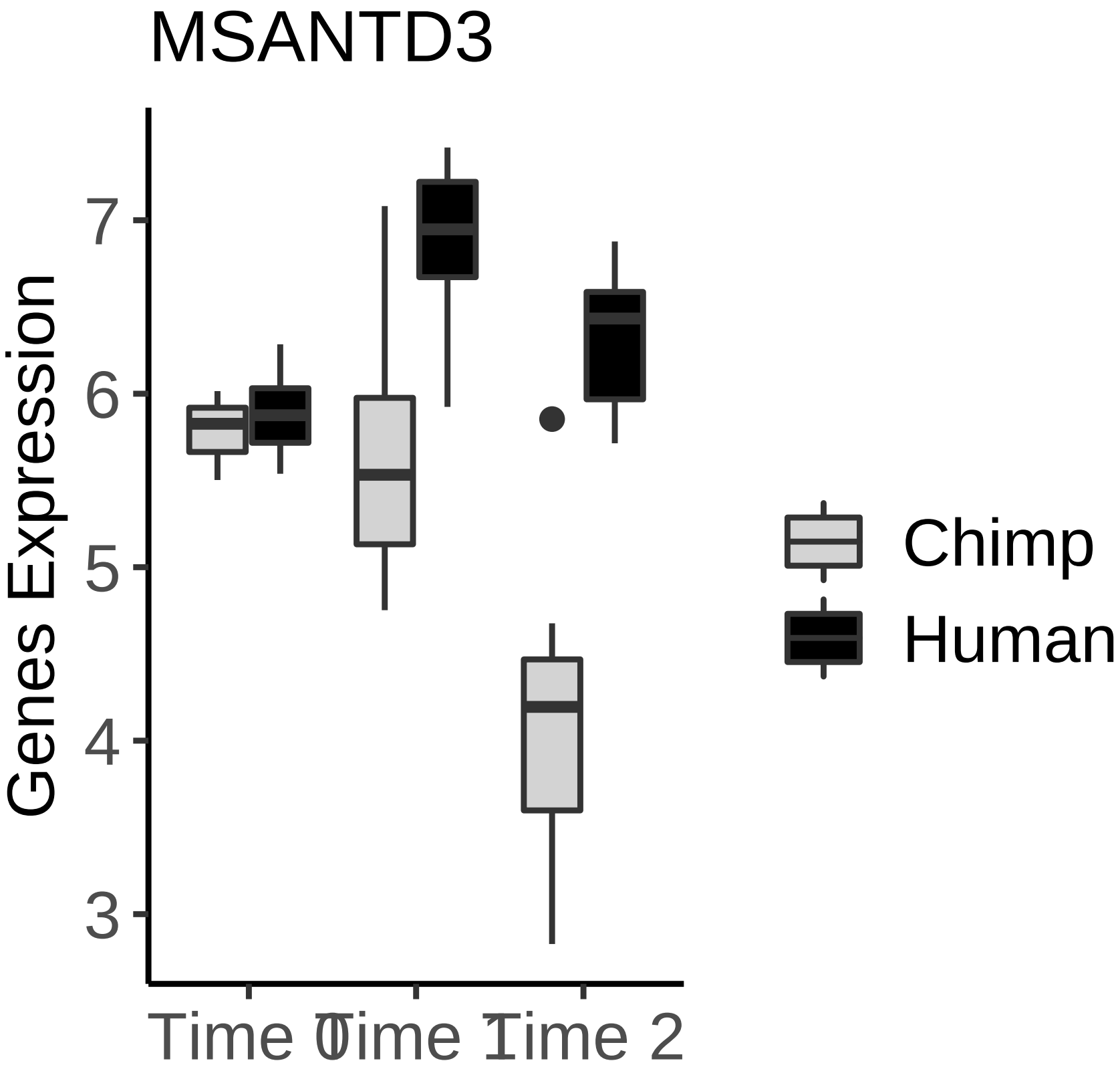
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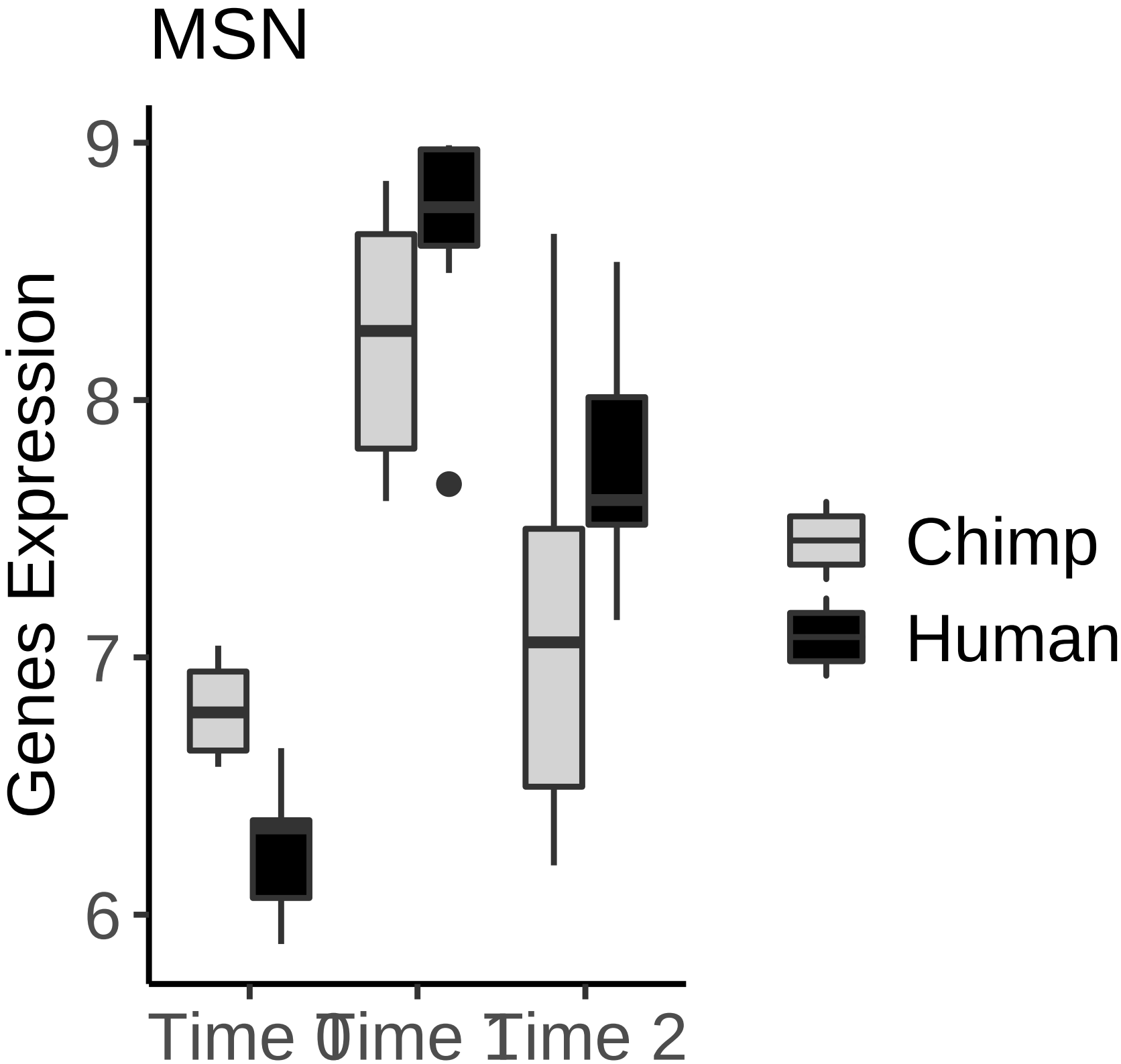
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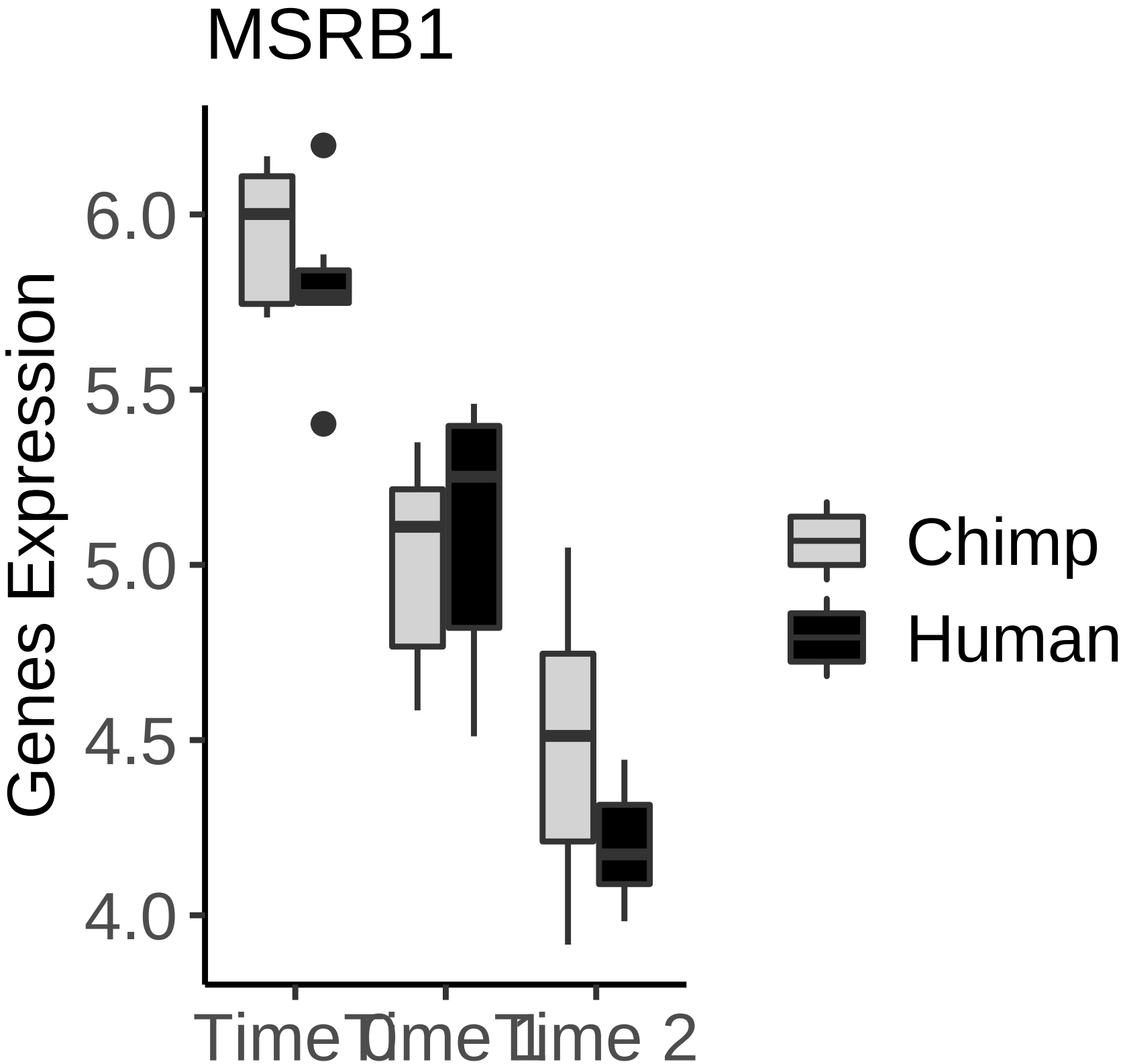
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4.0
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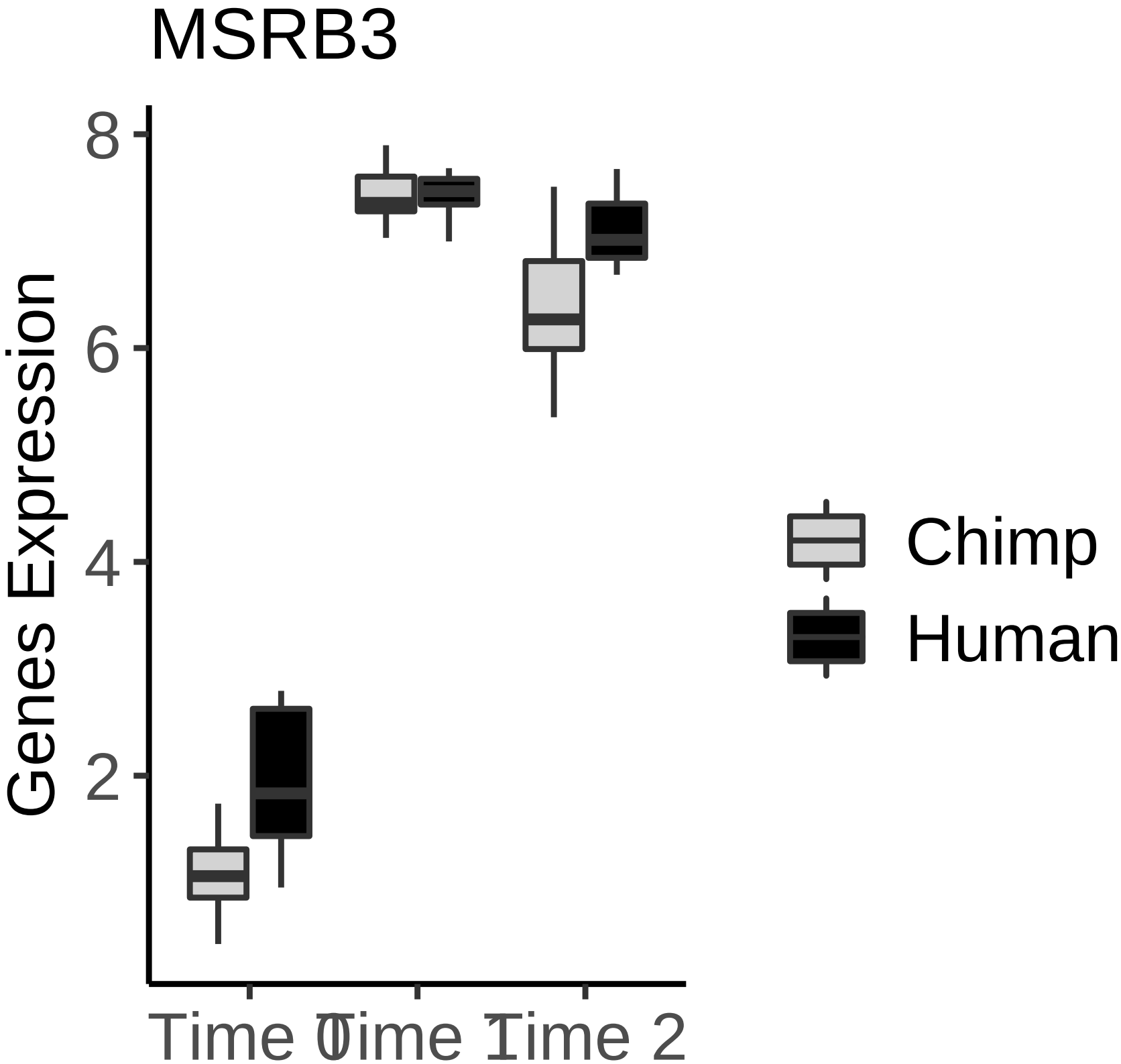
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Time 2
Chimp
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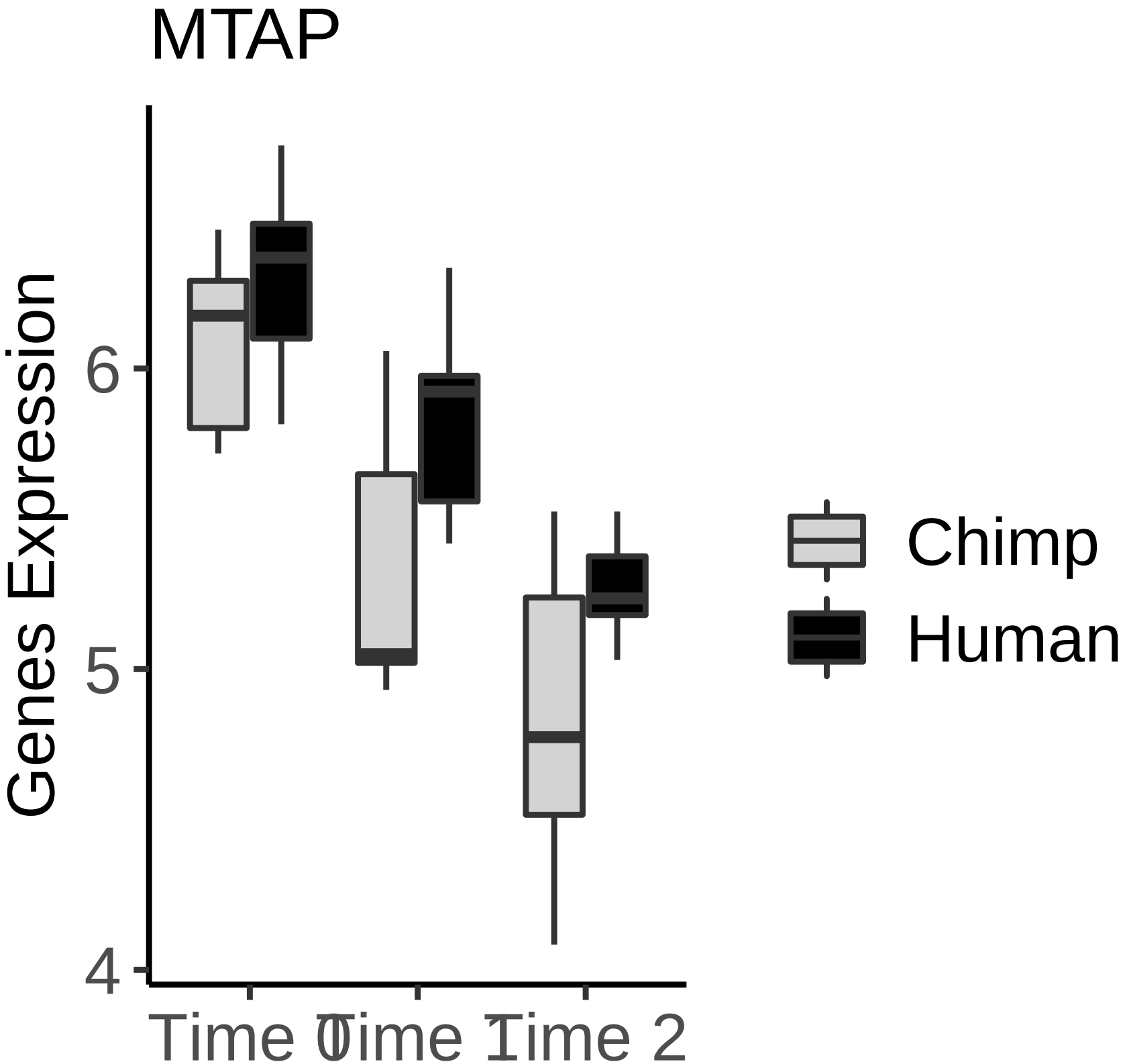
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Genes Expression
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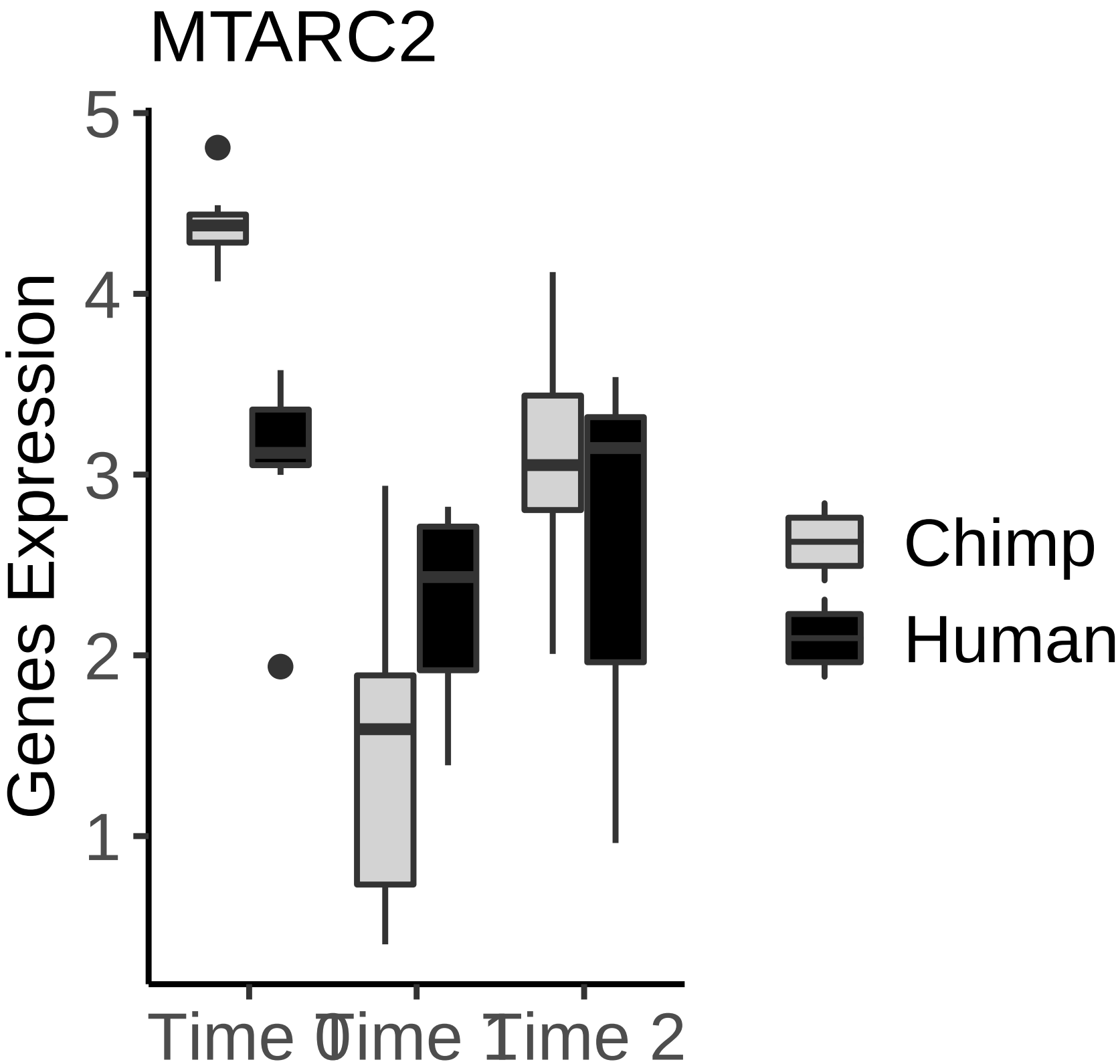
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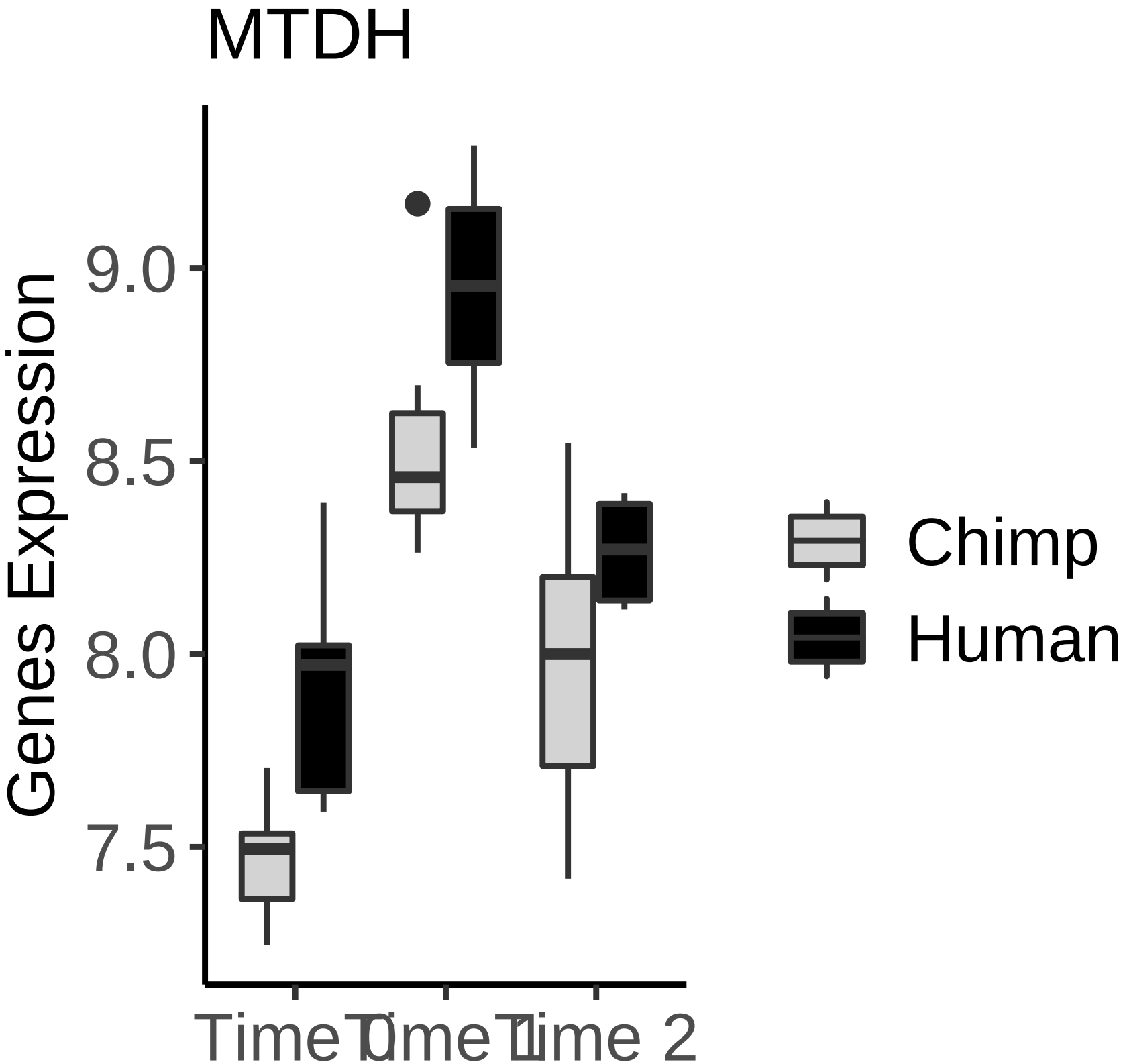
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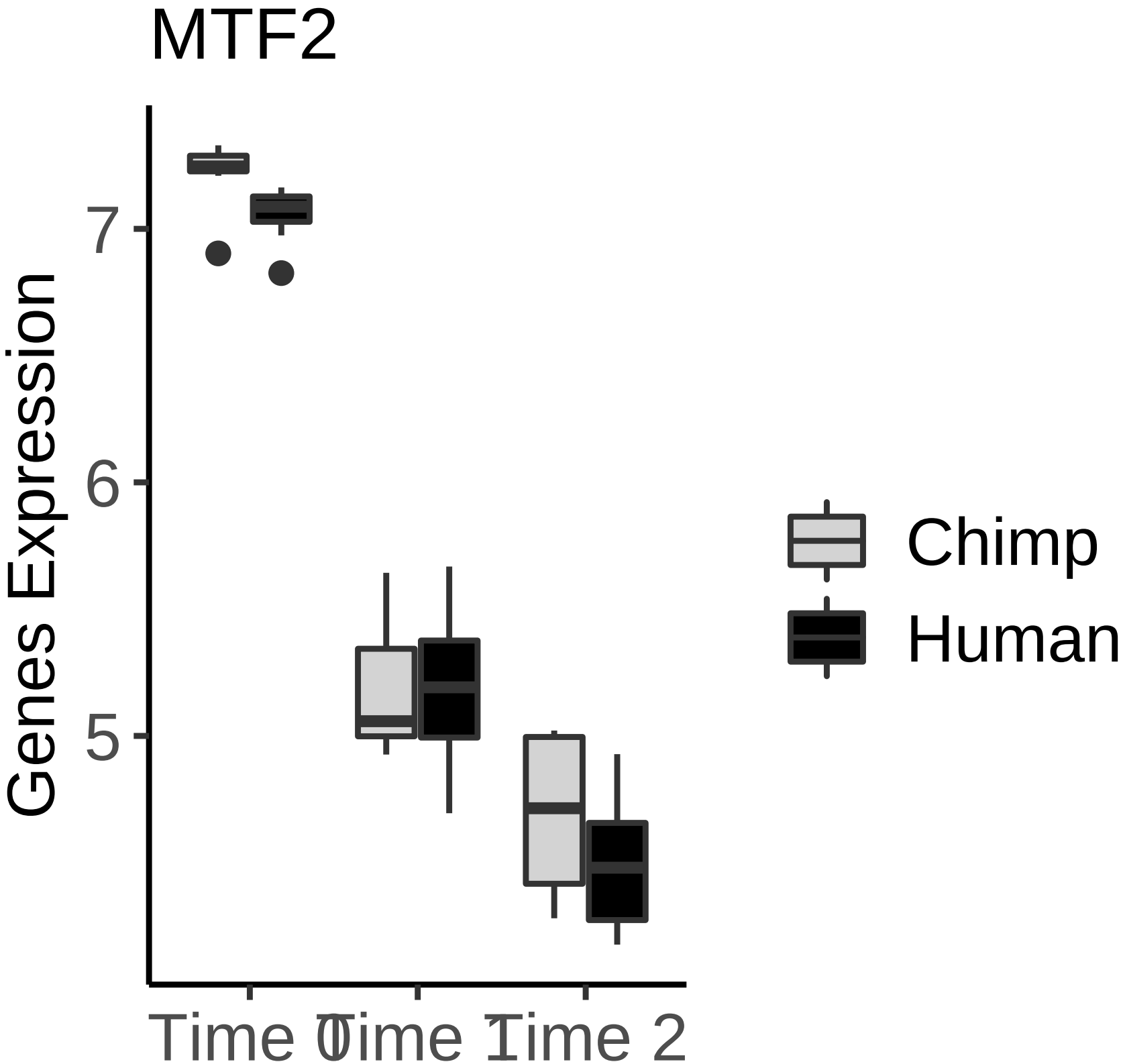
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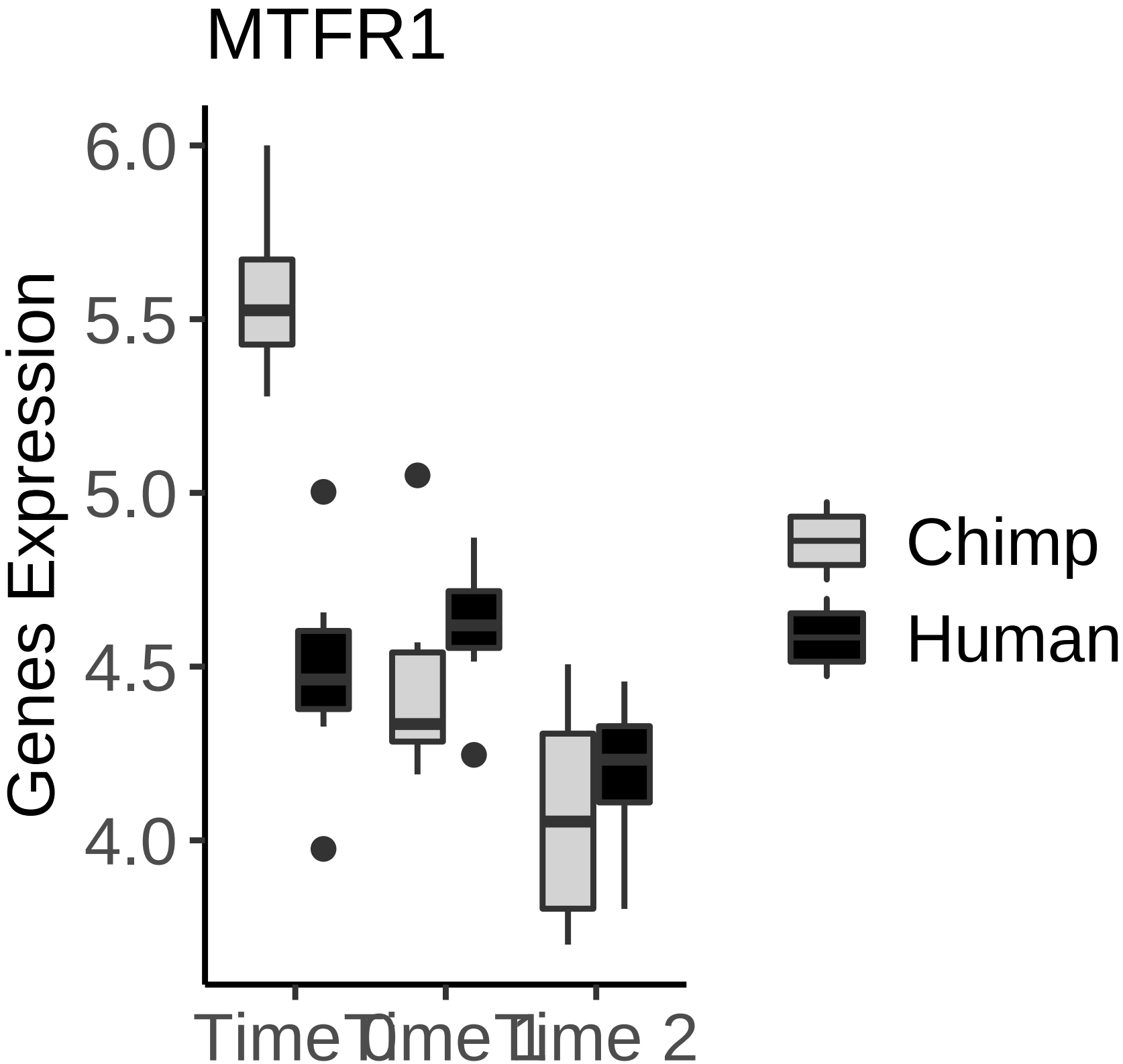
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4.0
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Time 2
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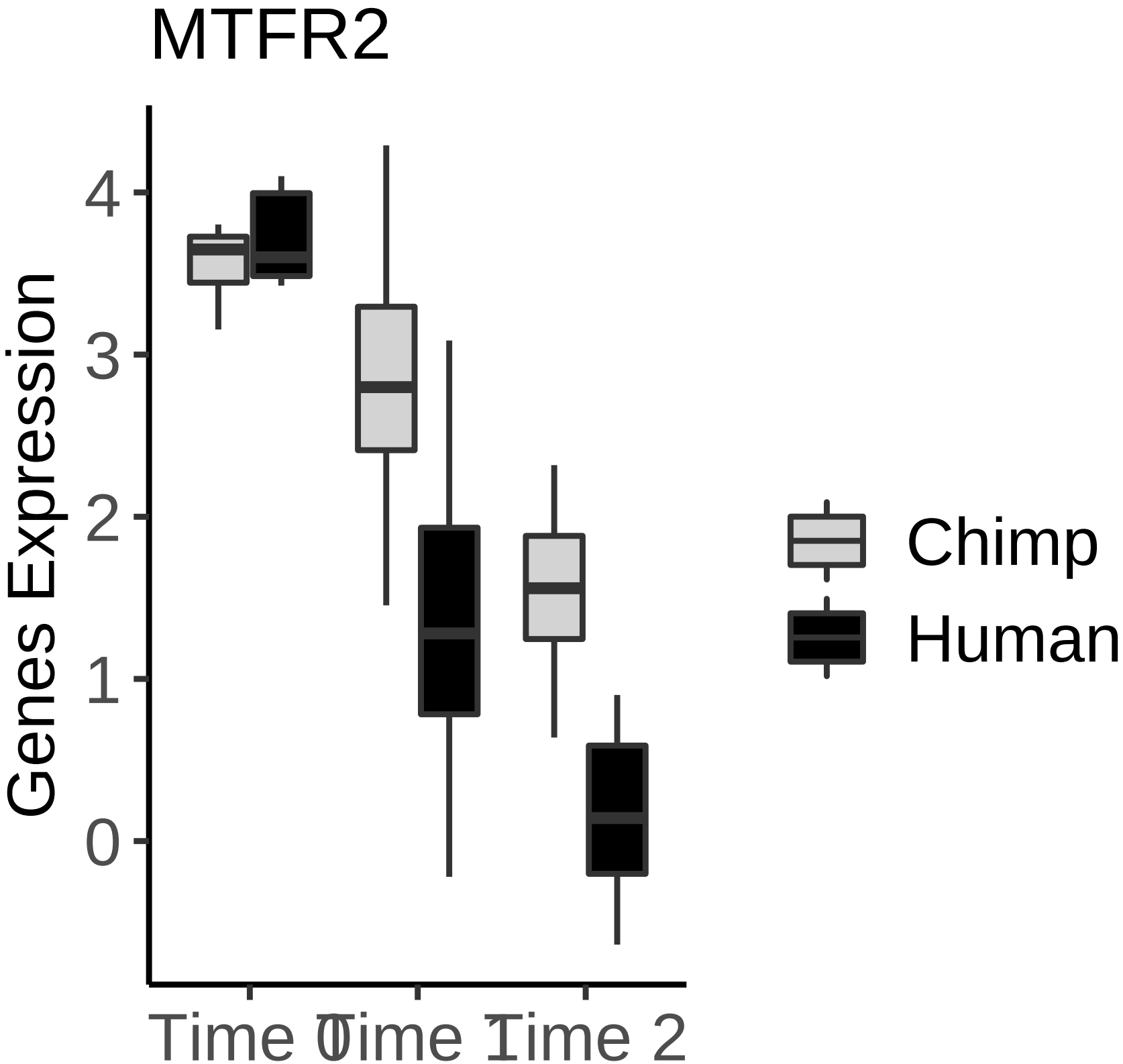
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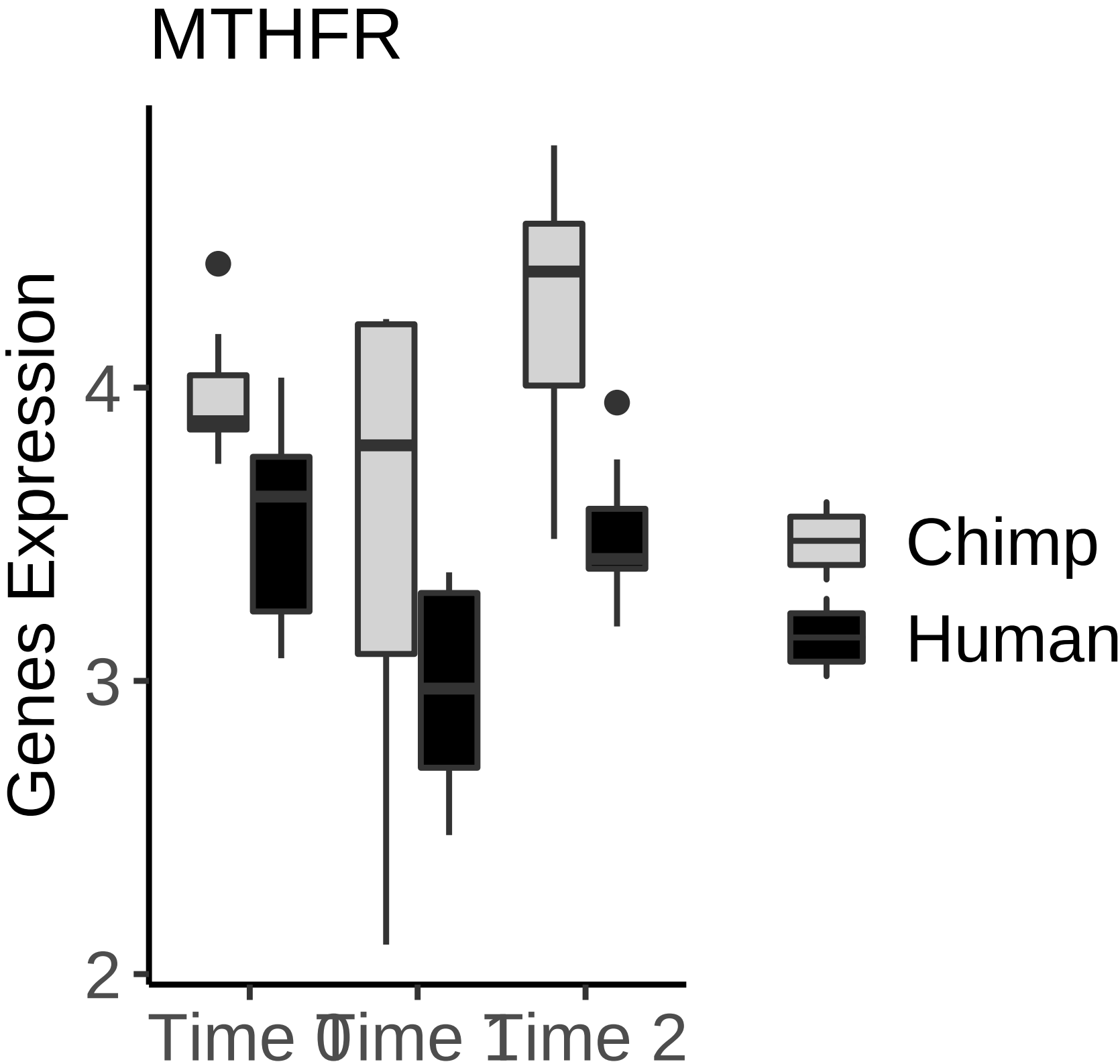
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Genes Expression
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3
2
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Time 1
Time 2
Chimp
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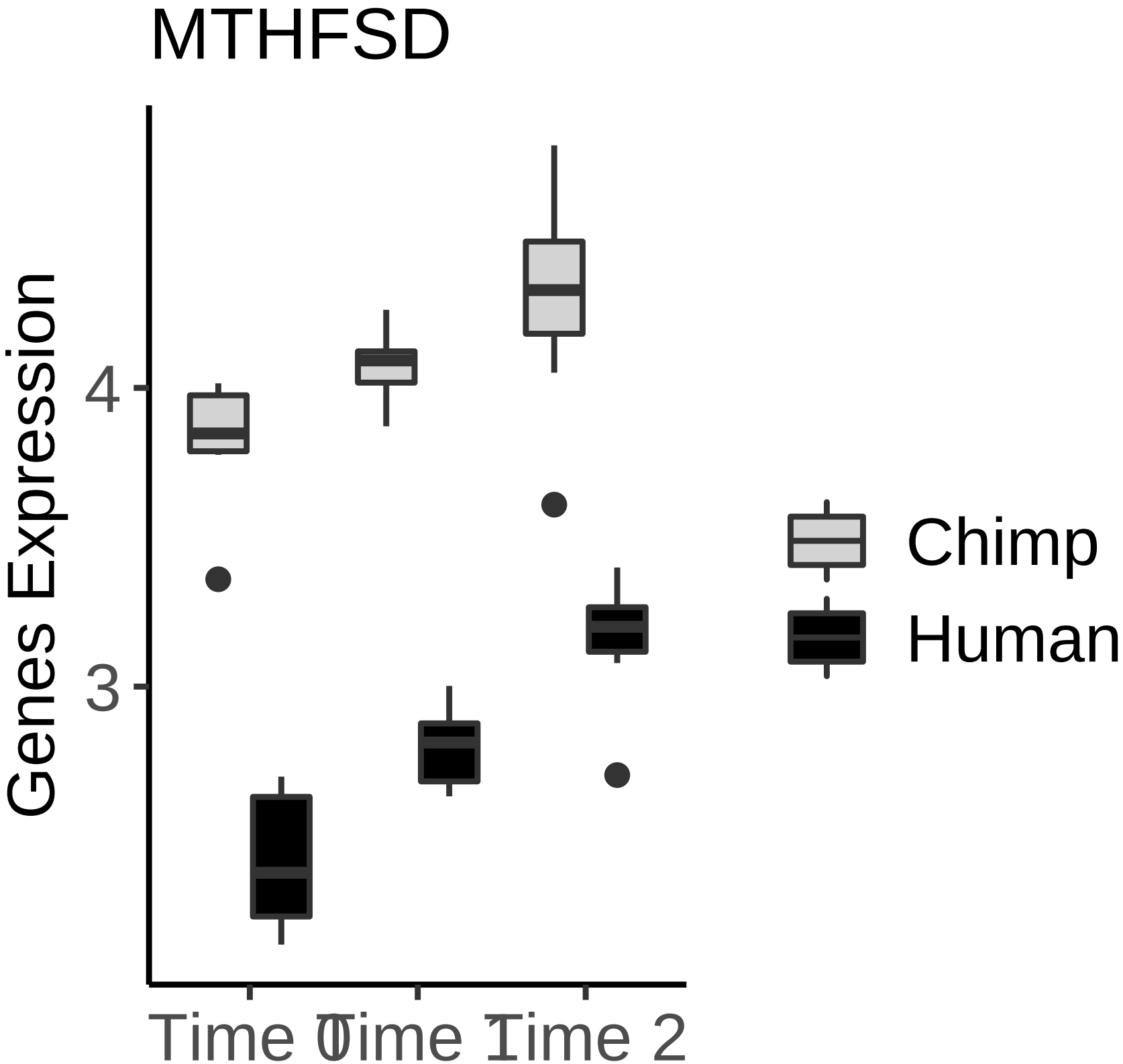
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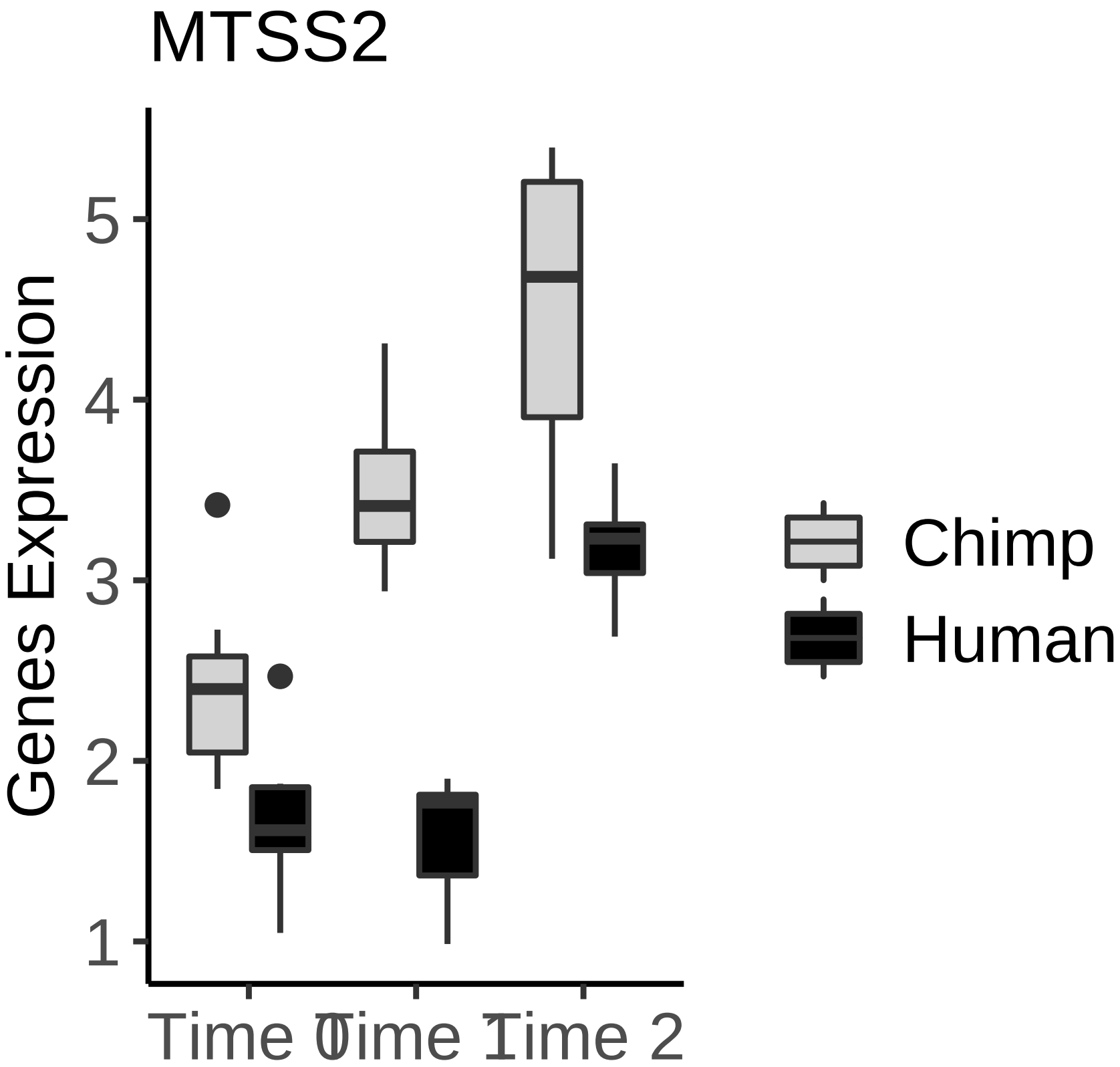
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Time 2
Chimp
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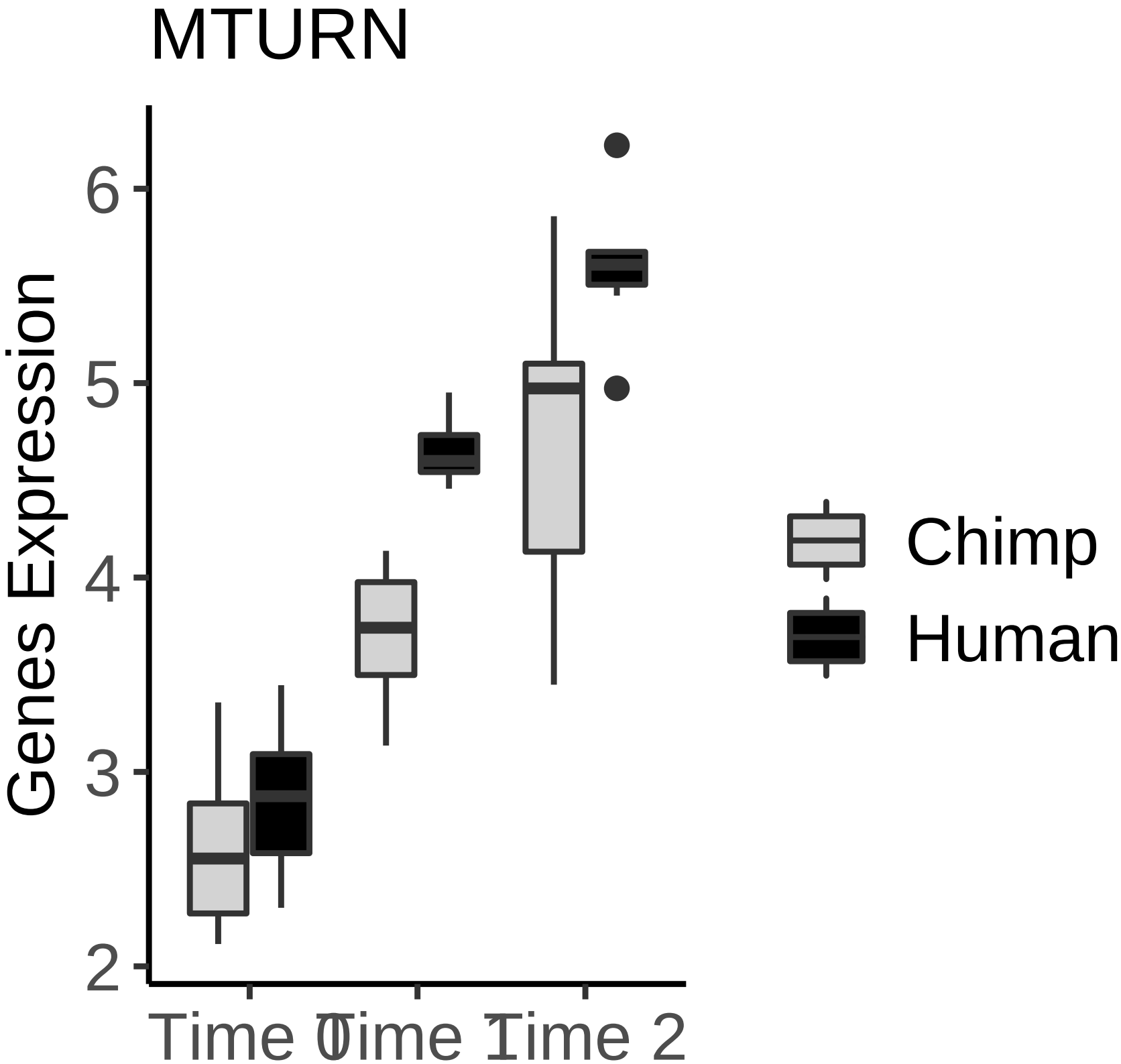
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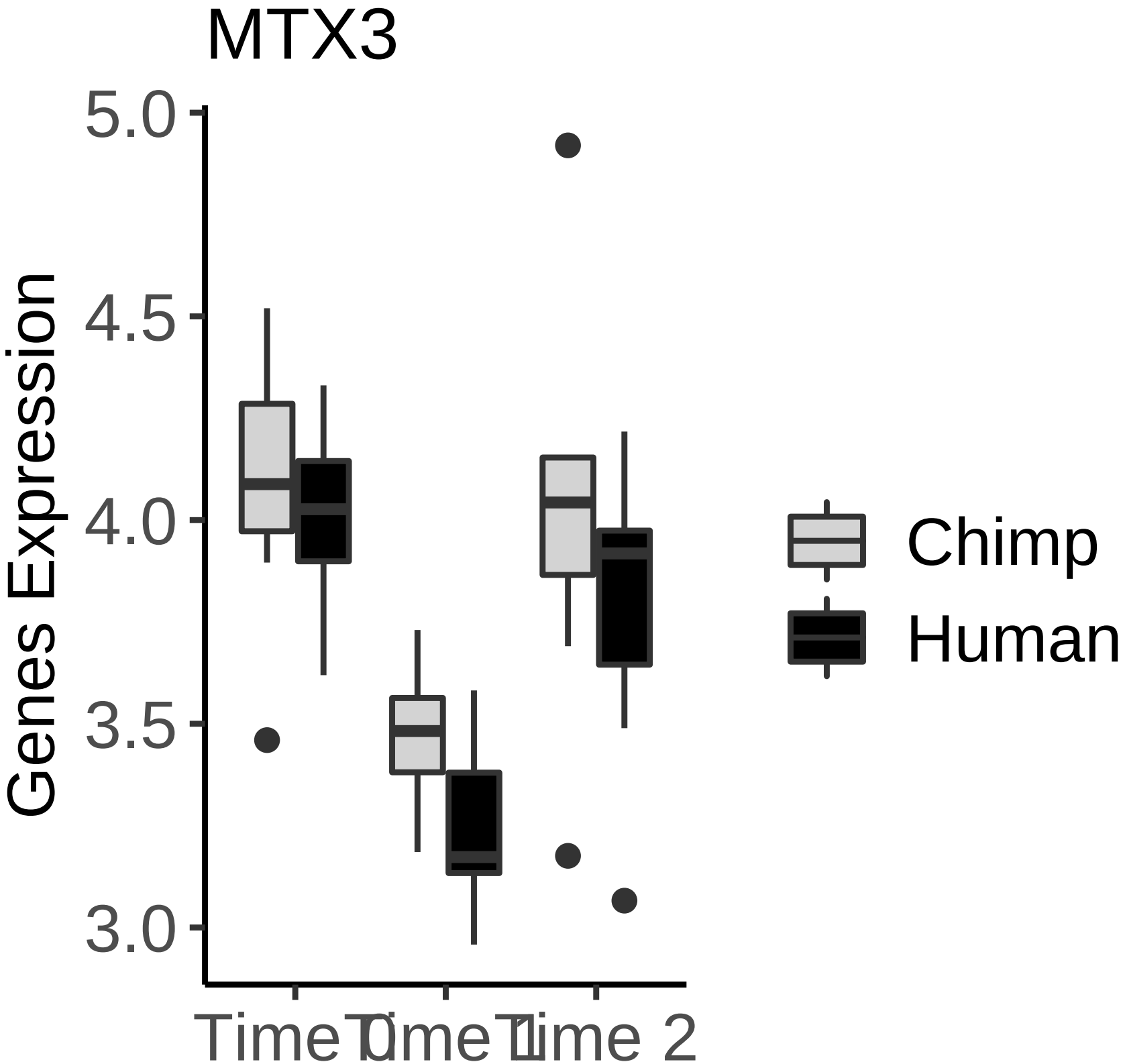
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3.5
3.0
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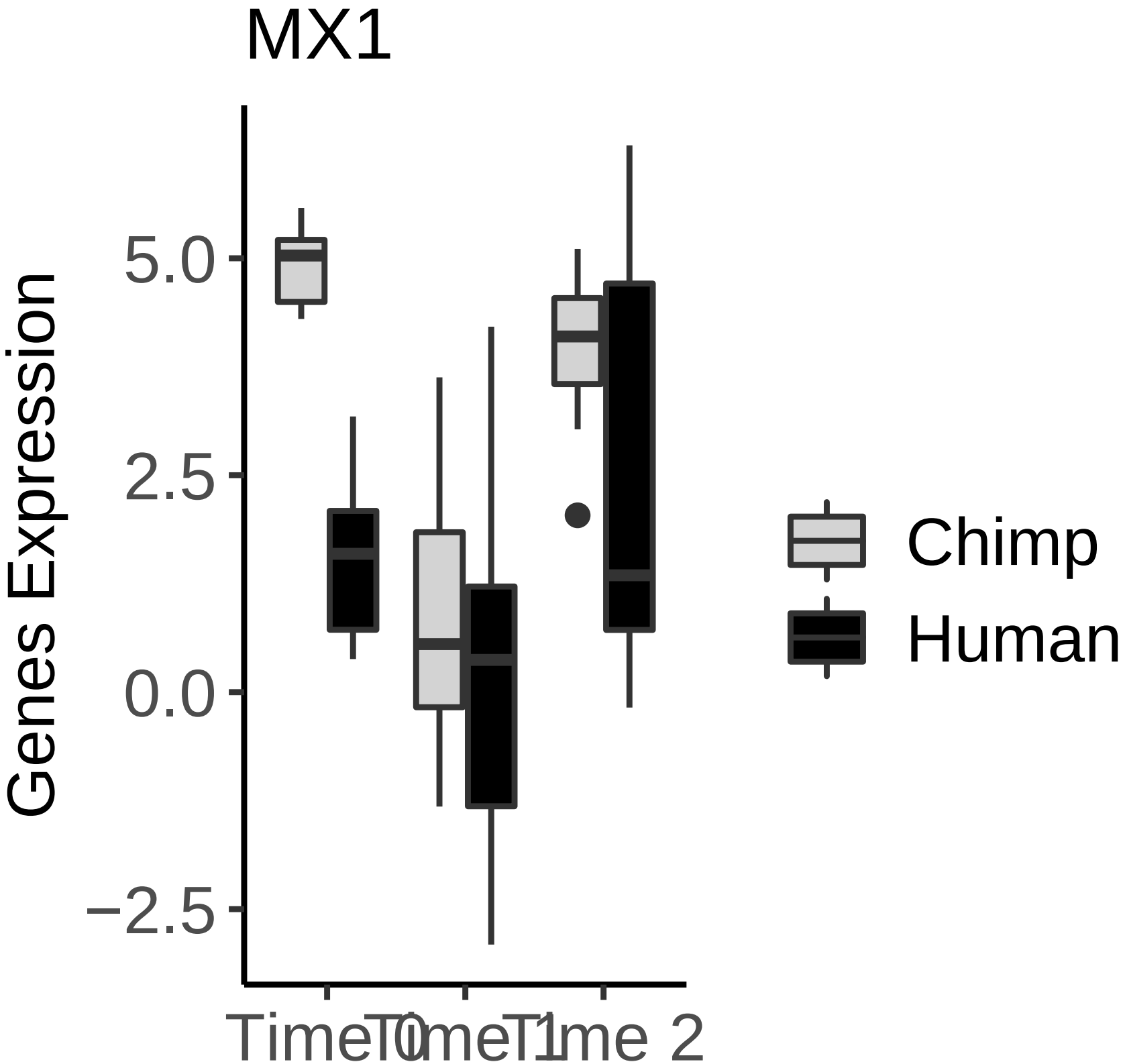
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Time 1
Time 2
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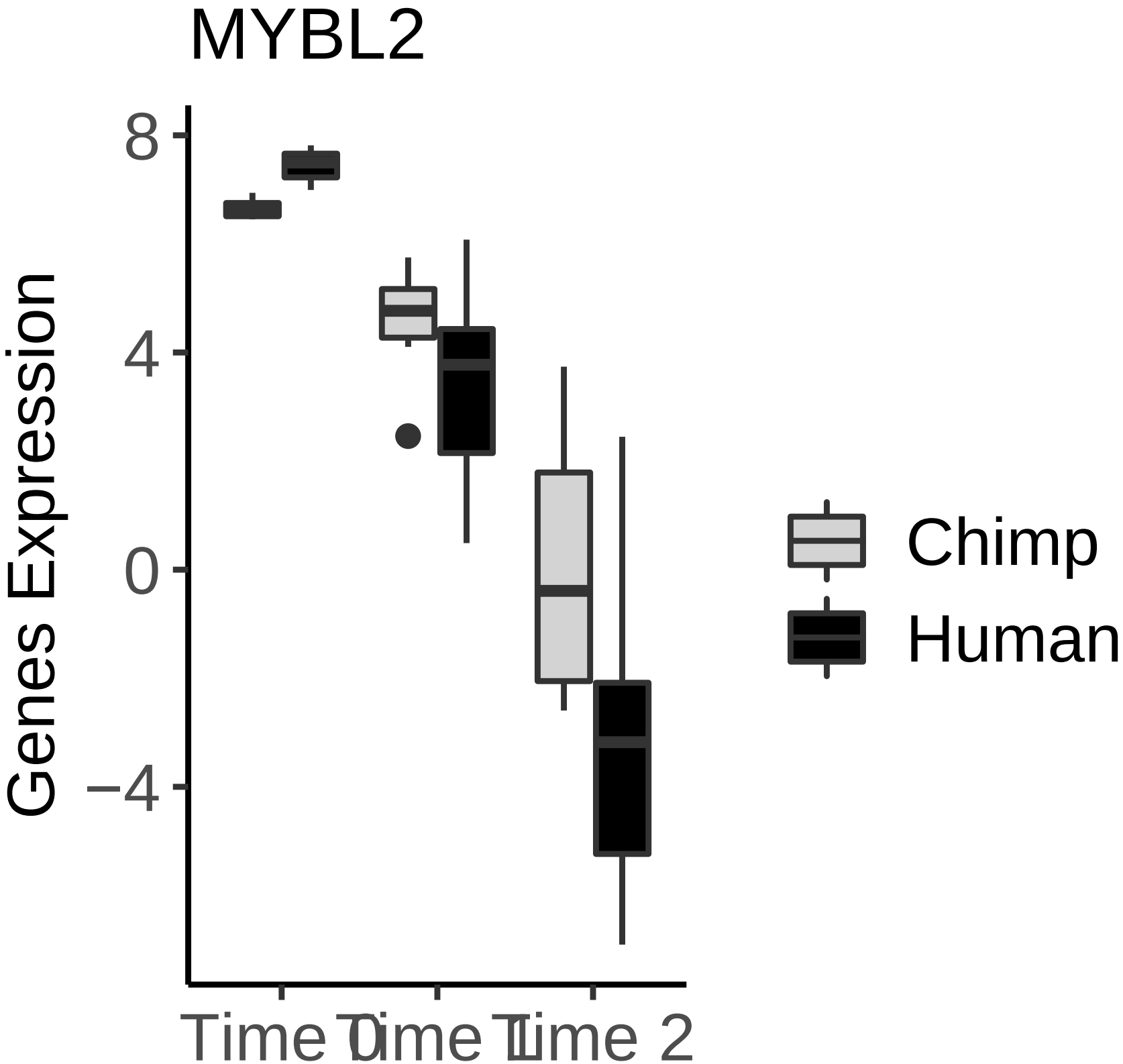
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Time 2
Chimp
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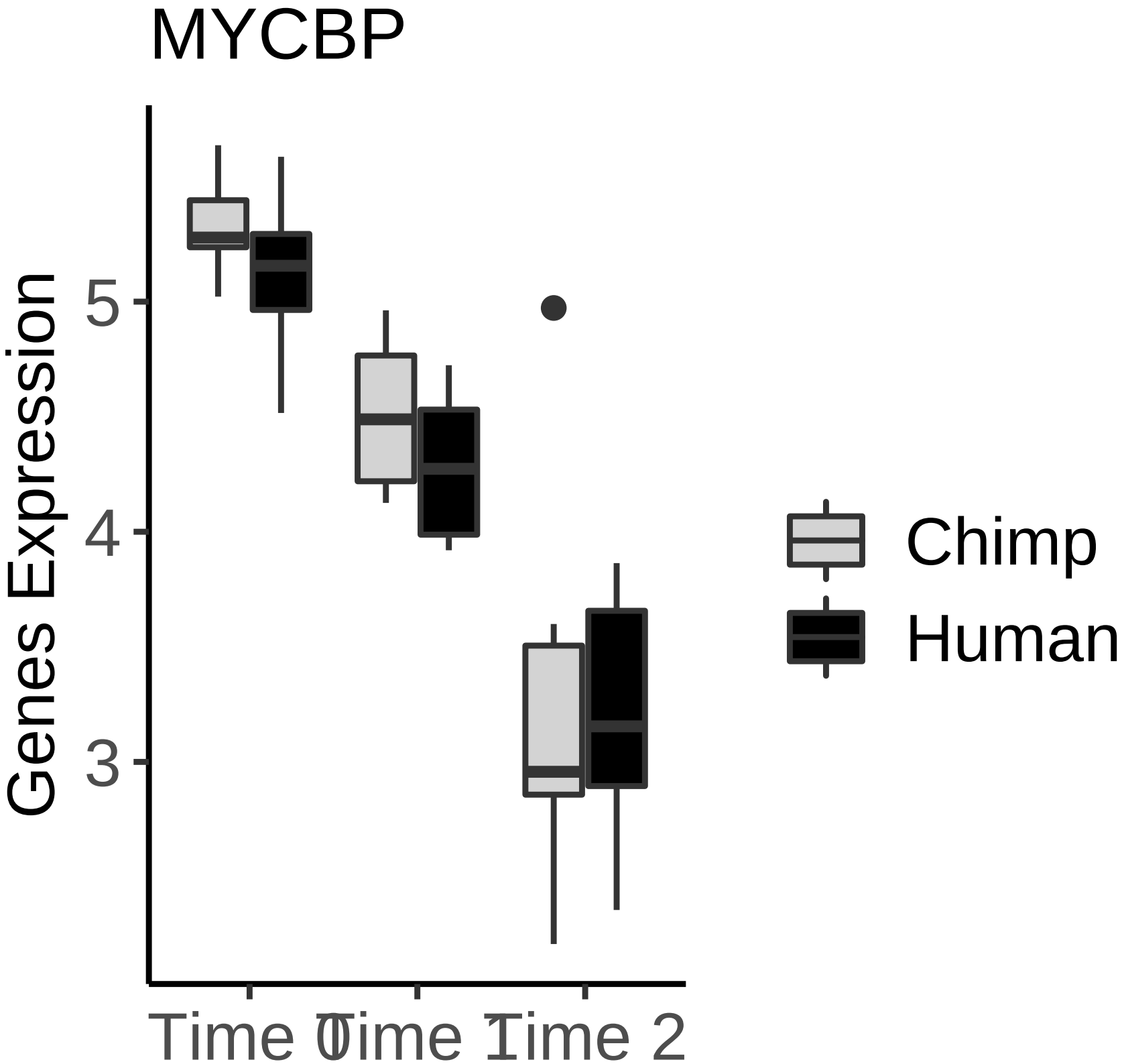
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Chimp
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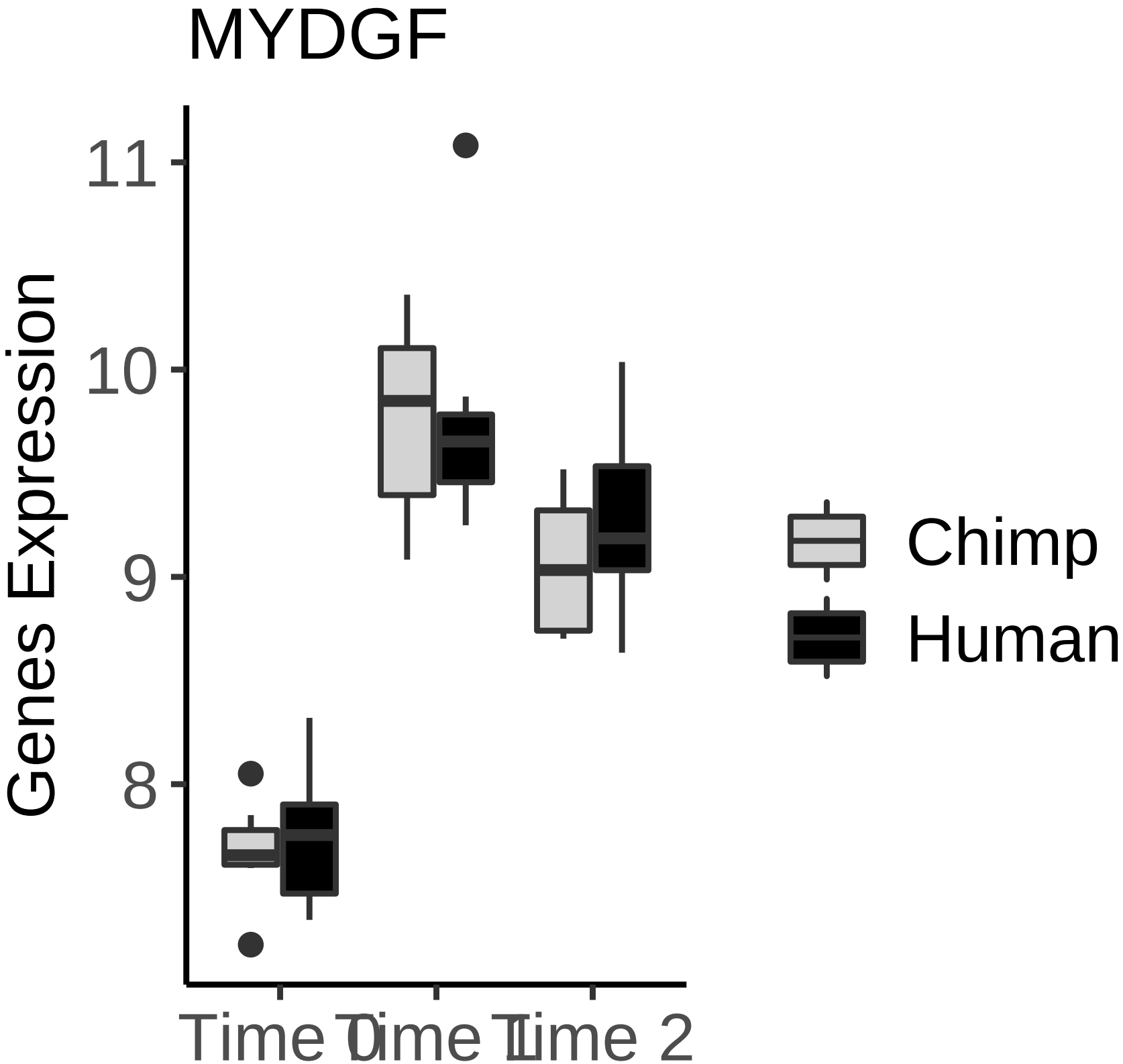
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Chimp
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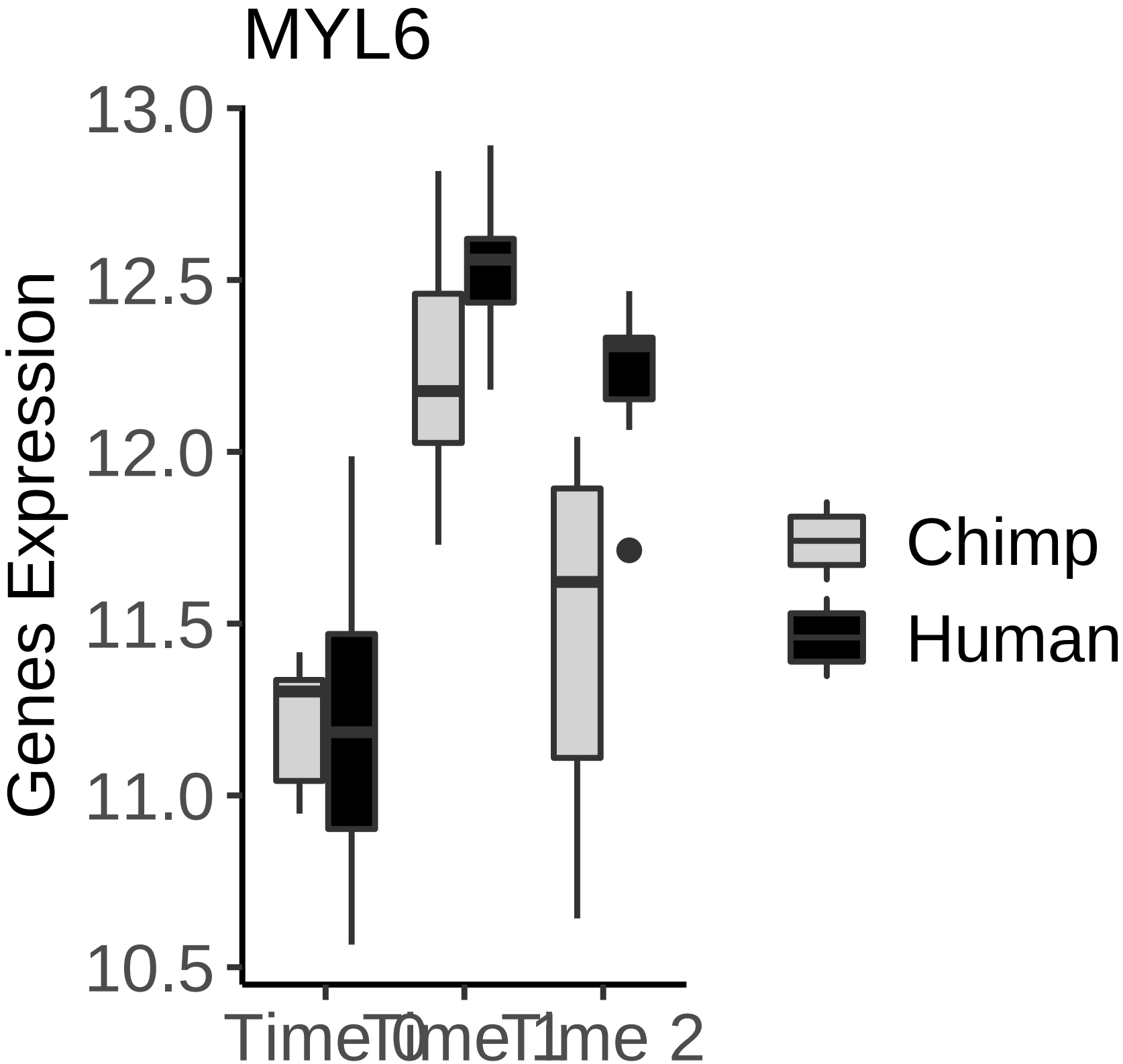
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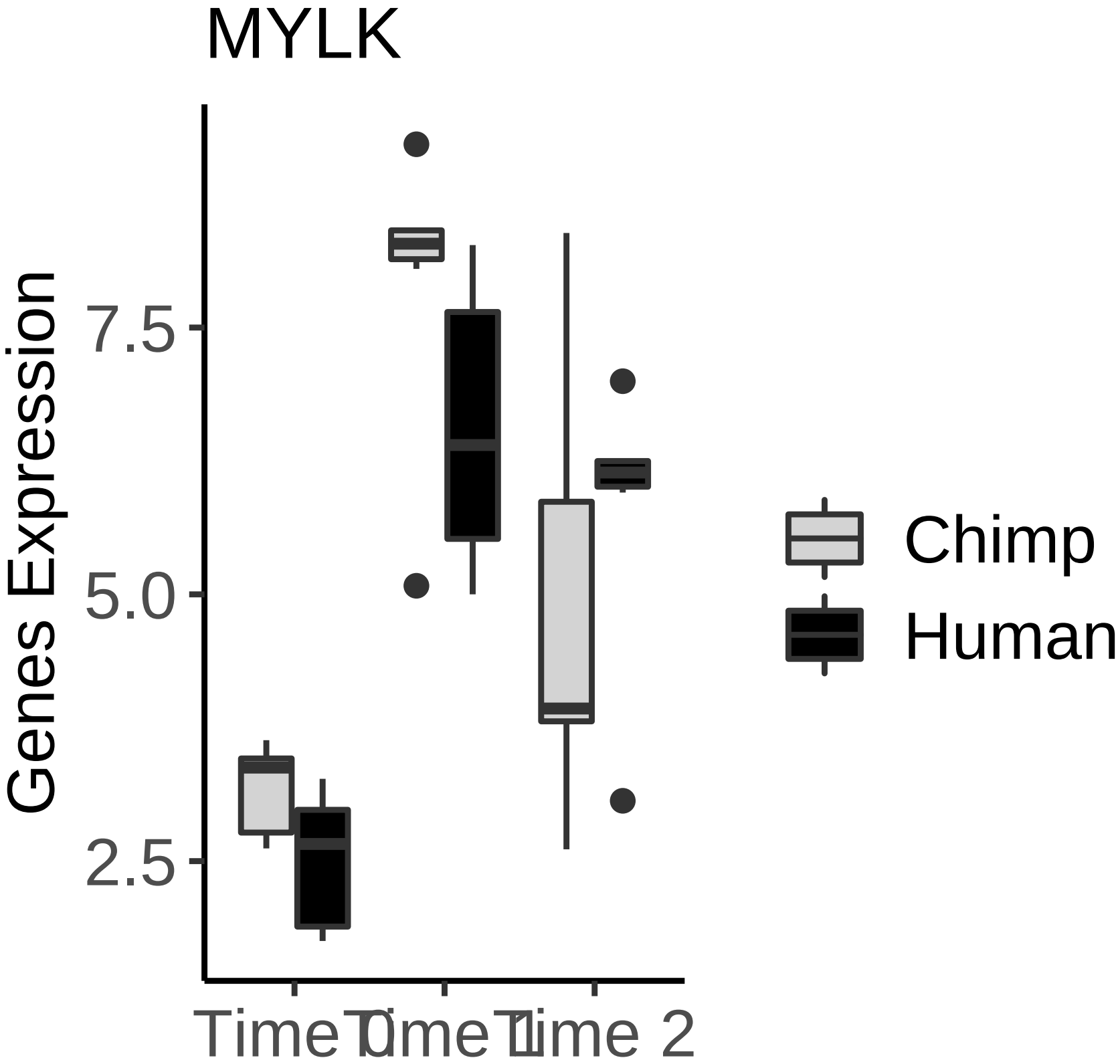
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Time 2
Chimp
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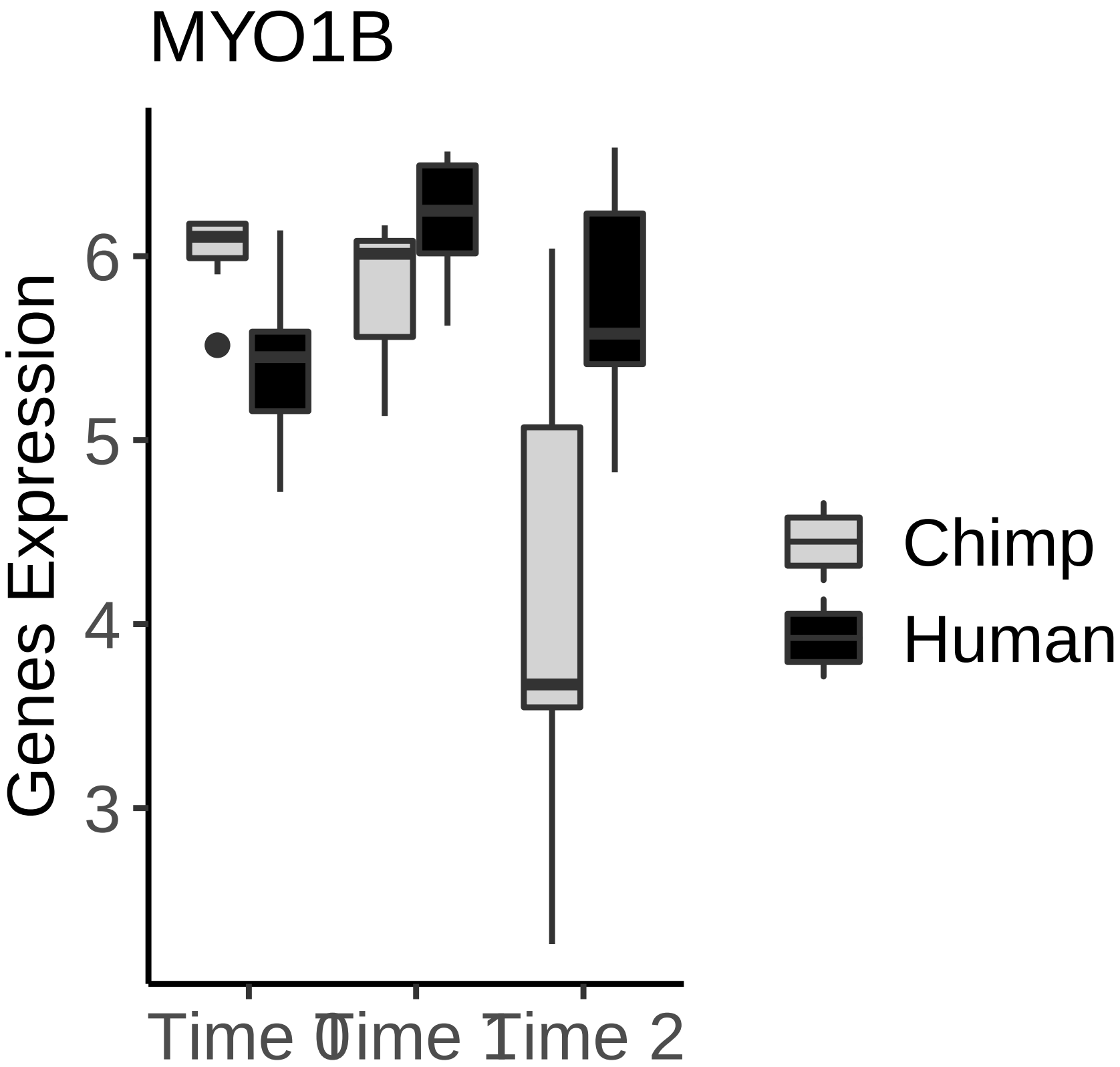
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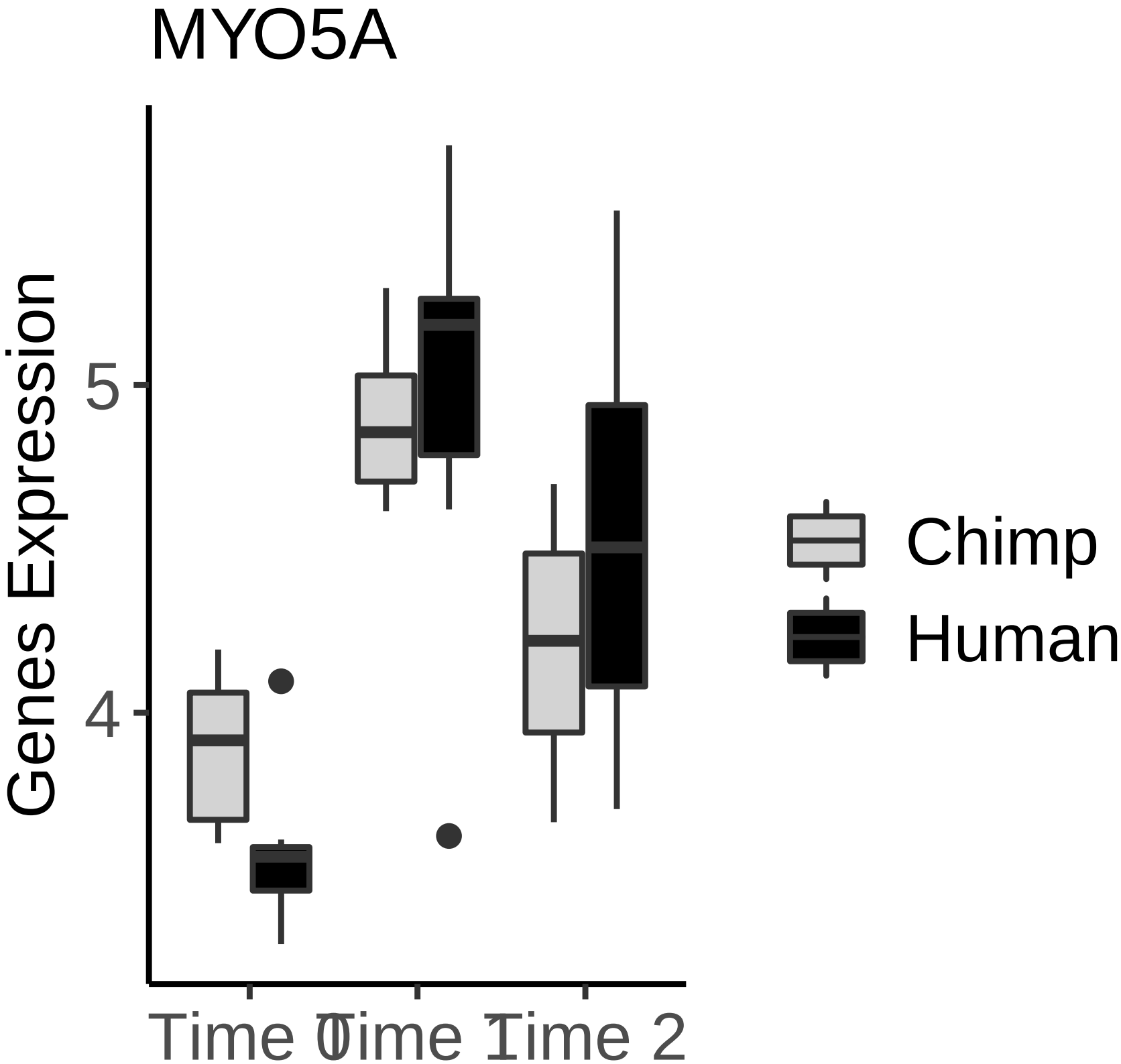
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Time 2
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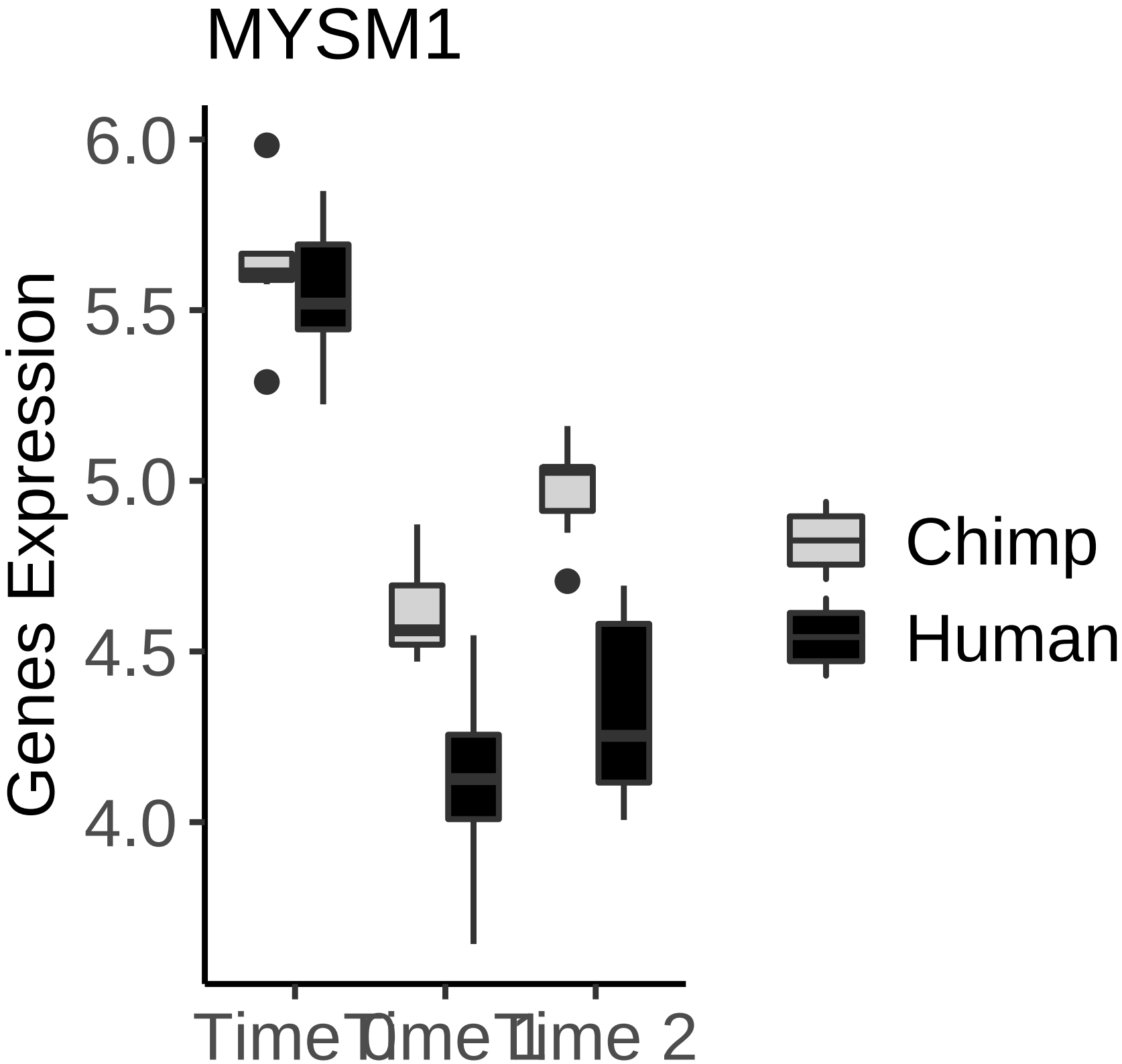
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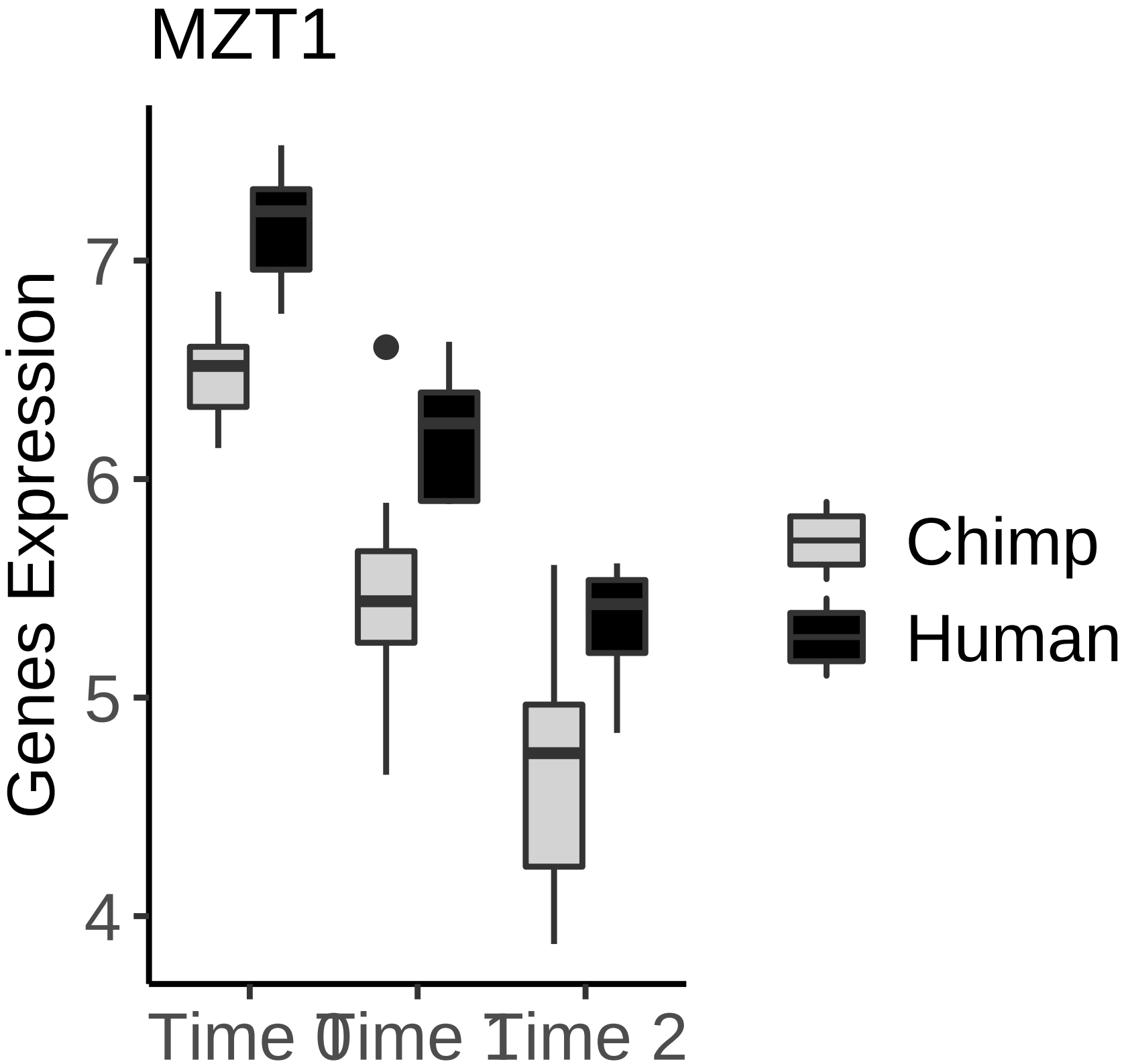
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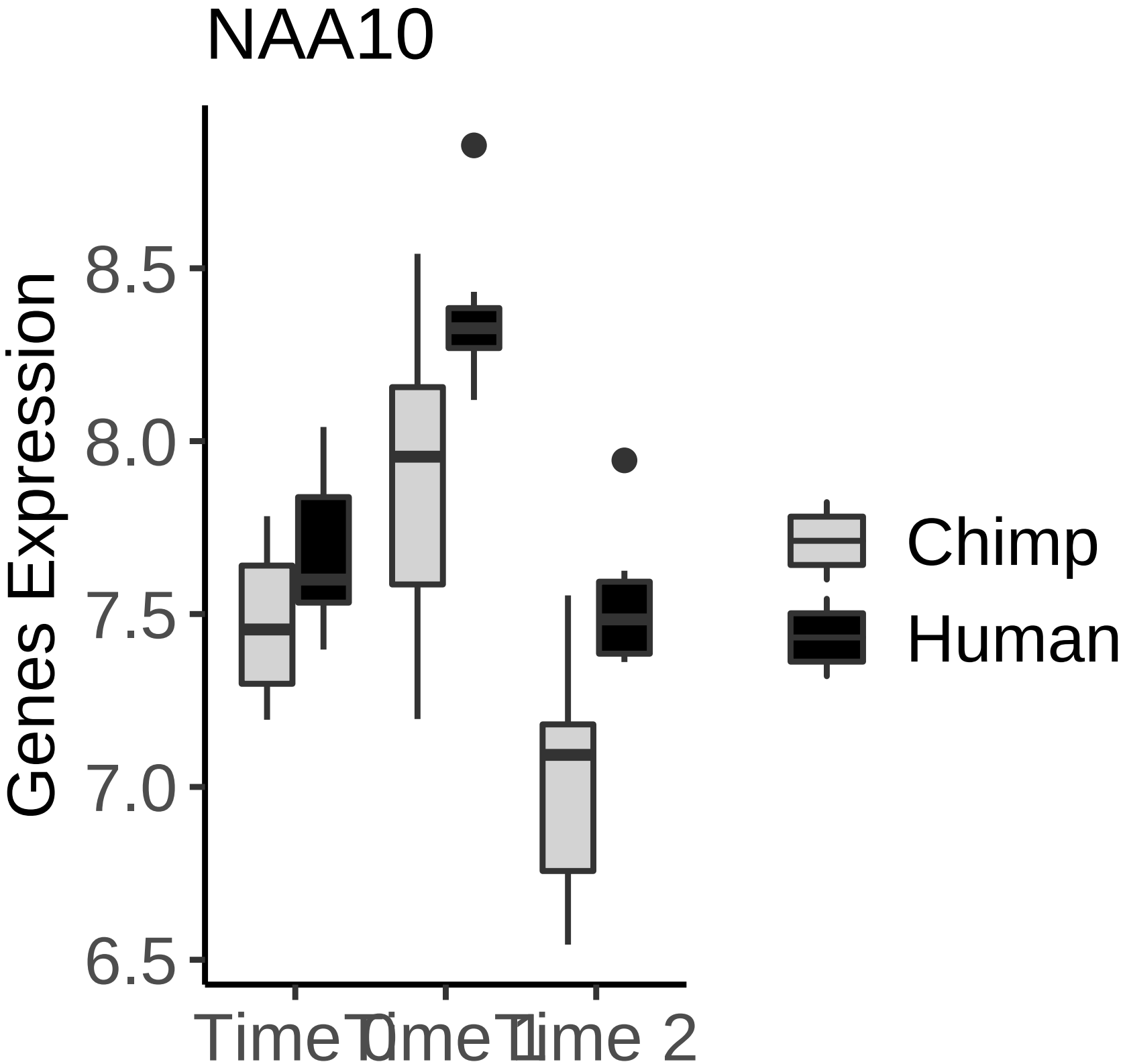
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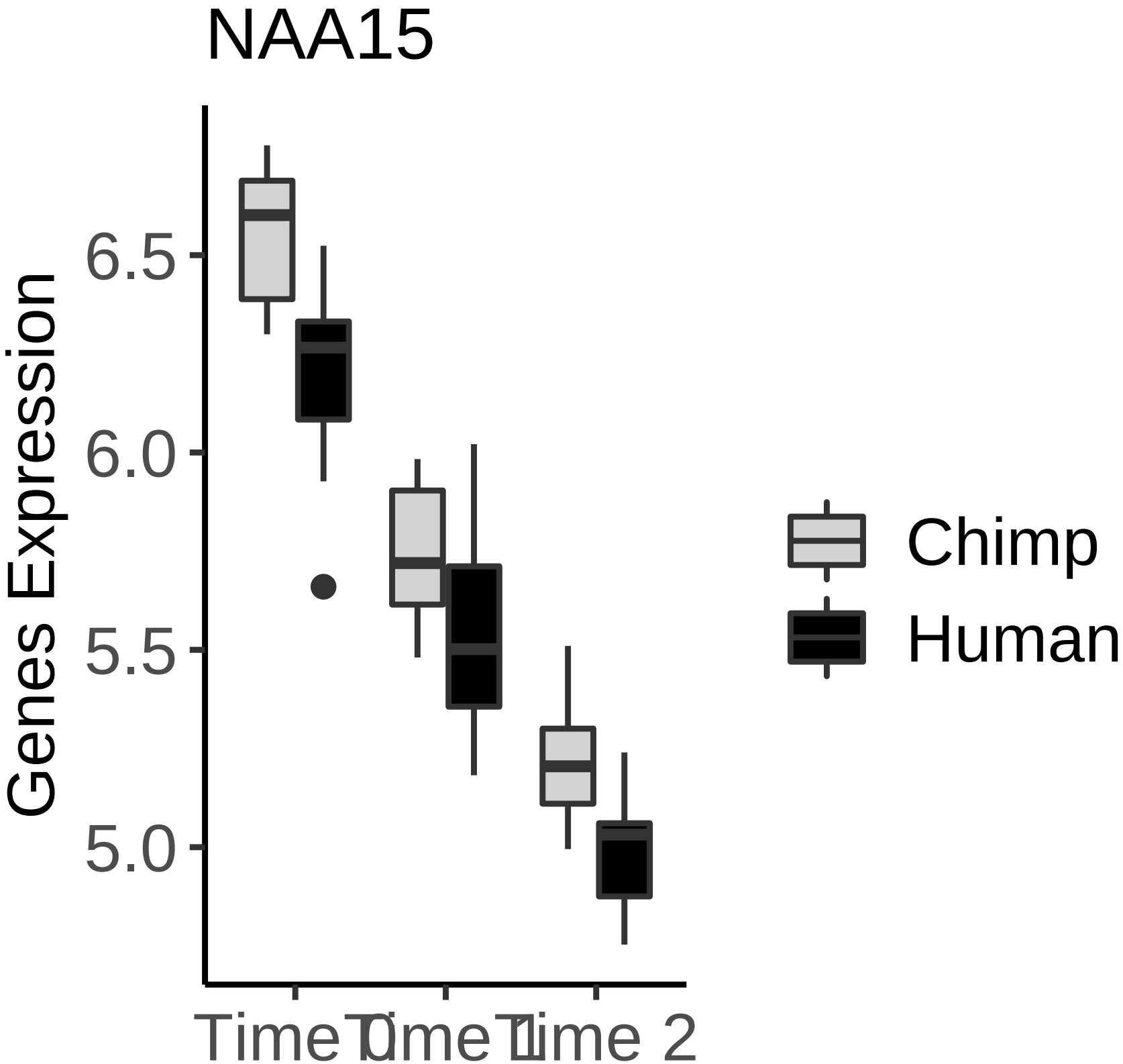
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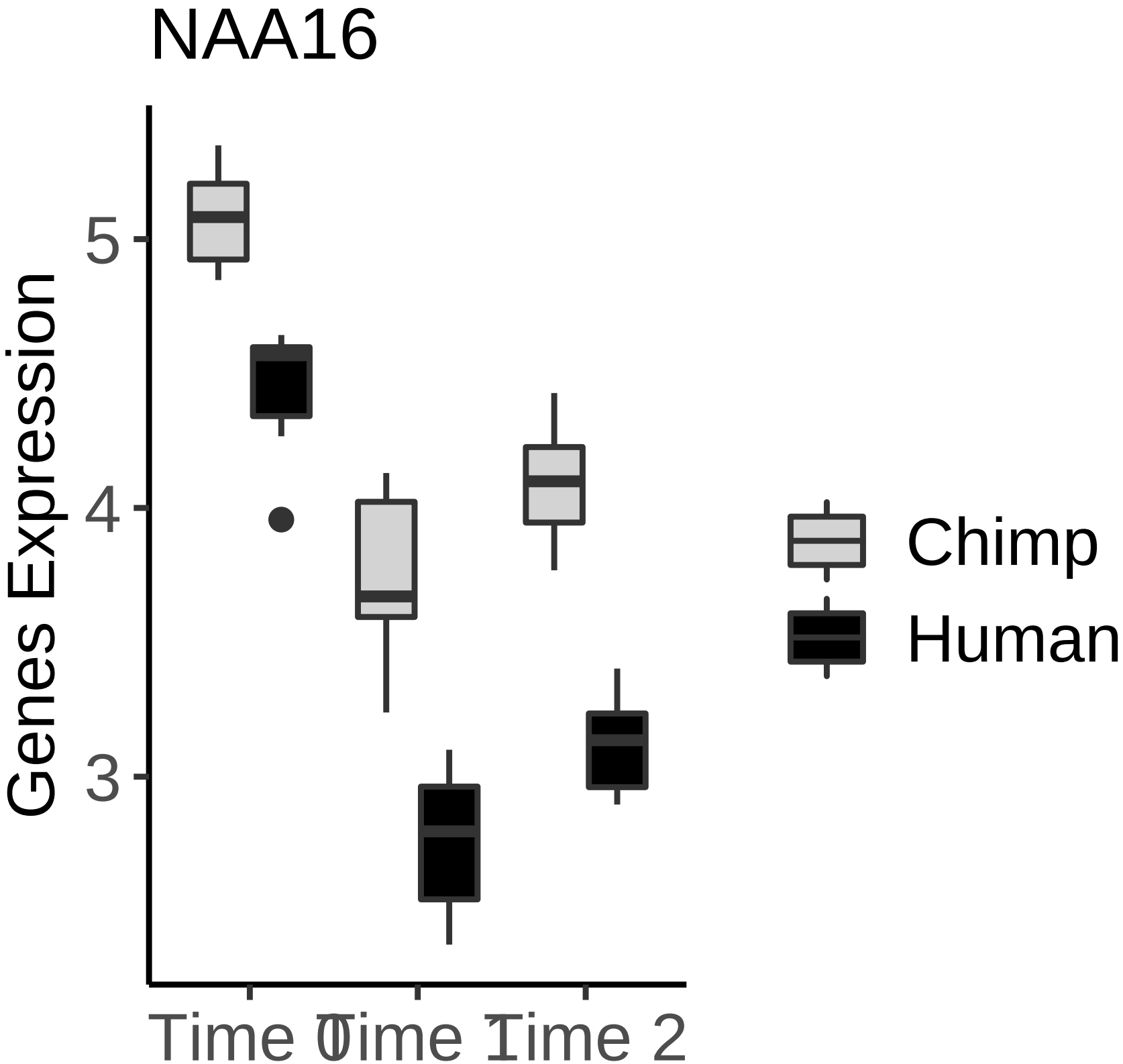
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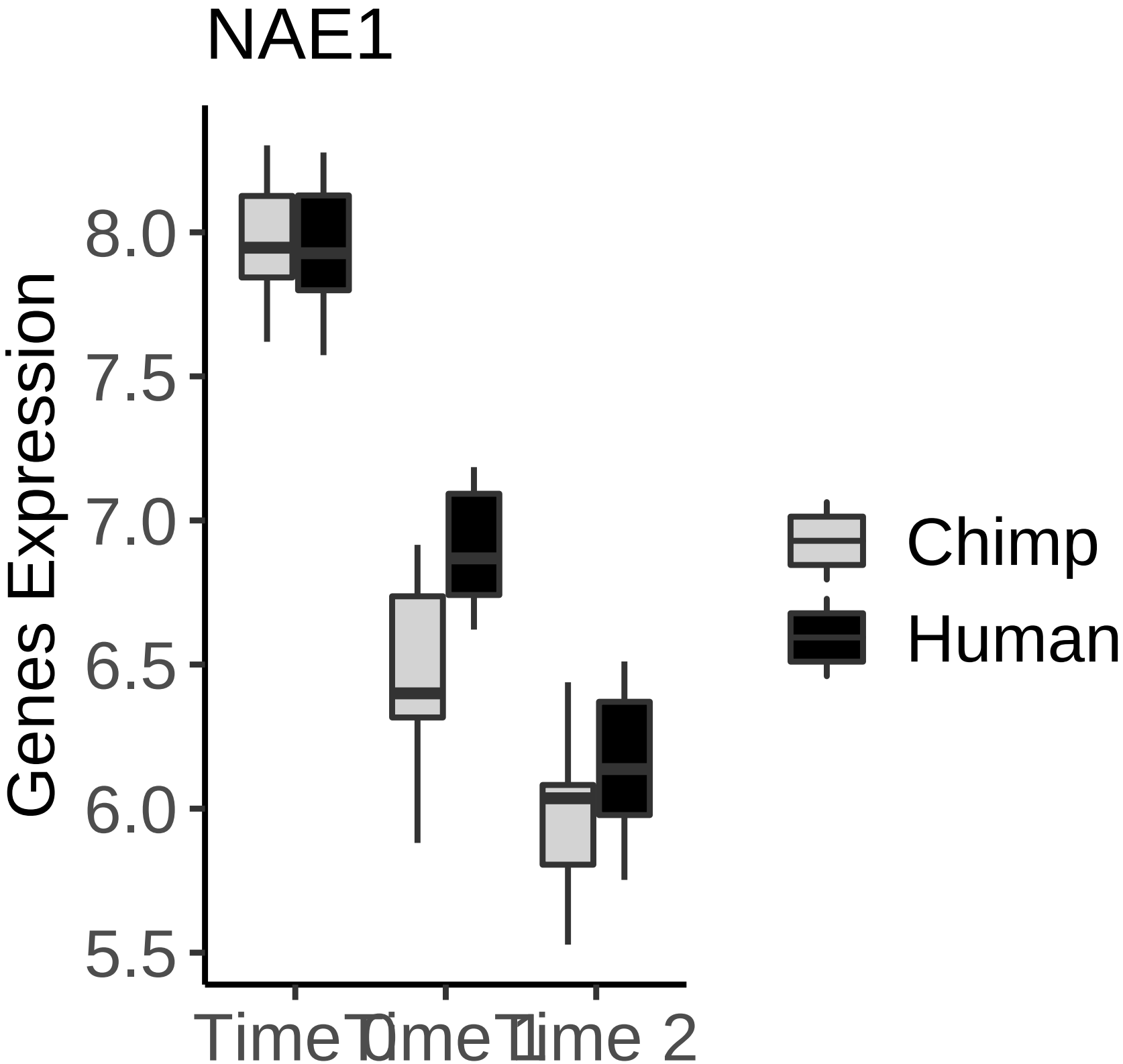
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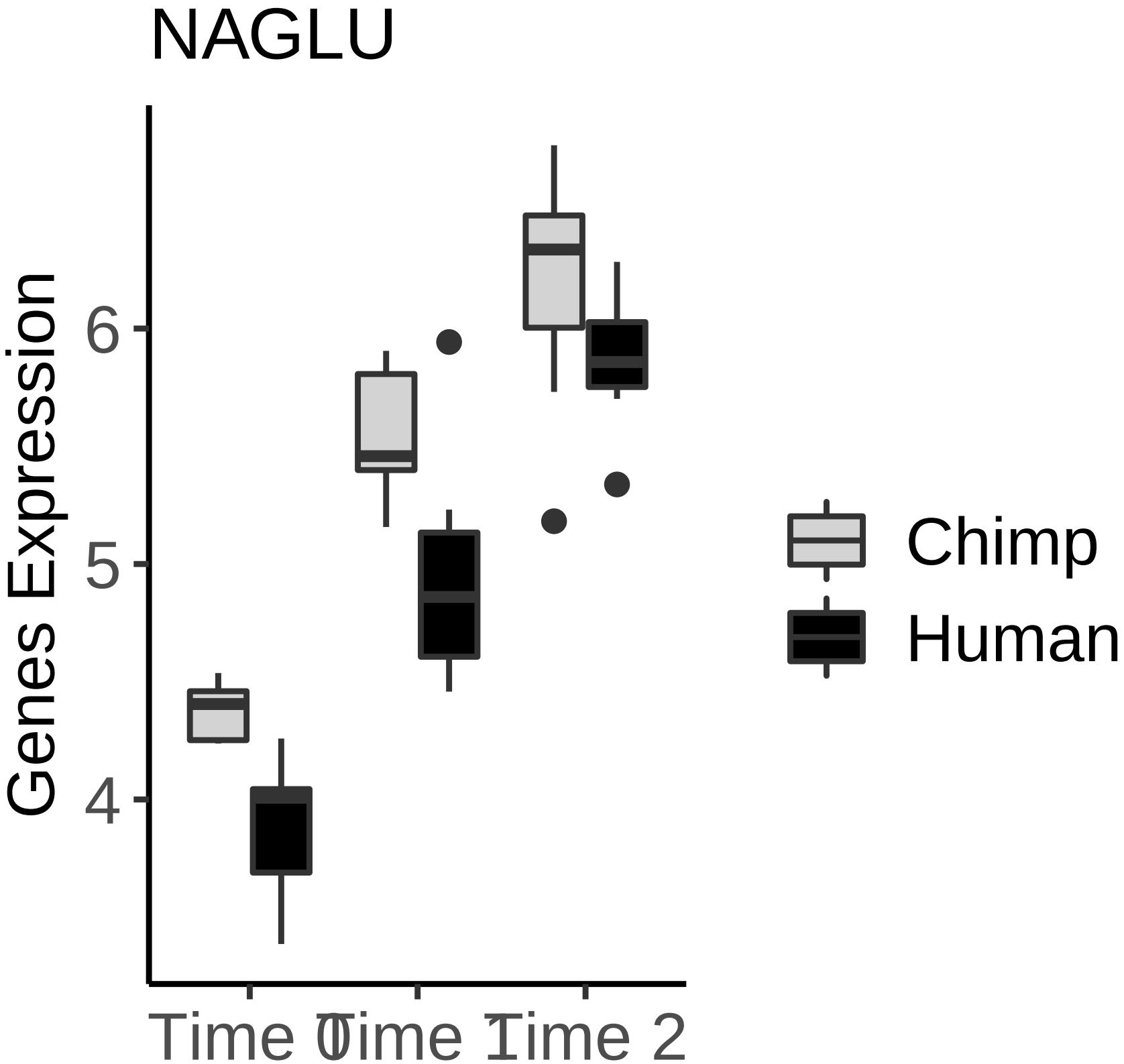
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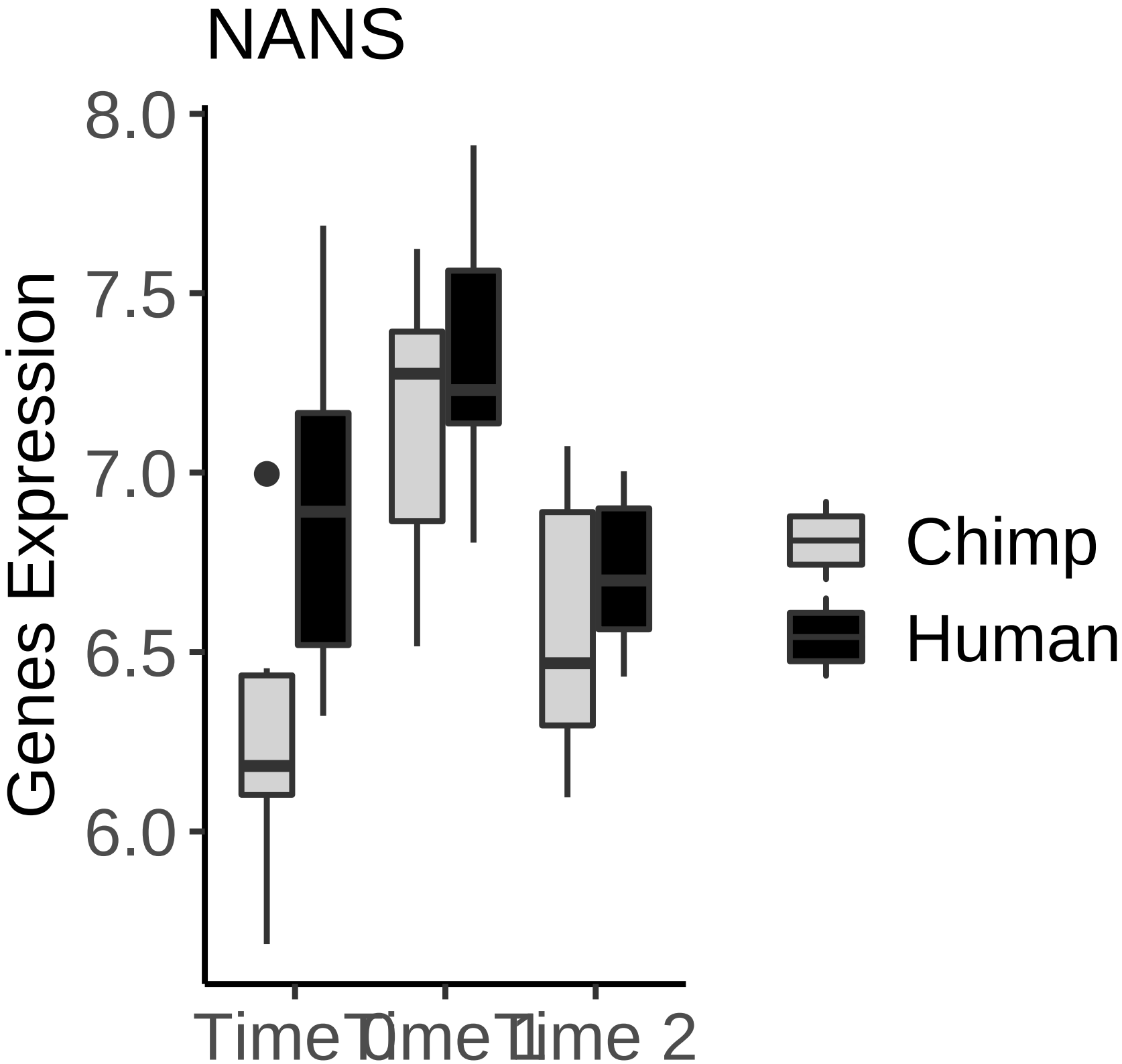
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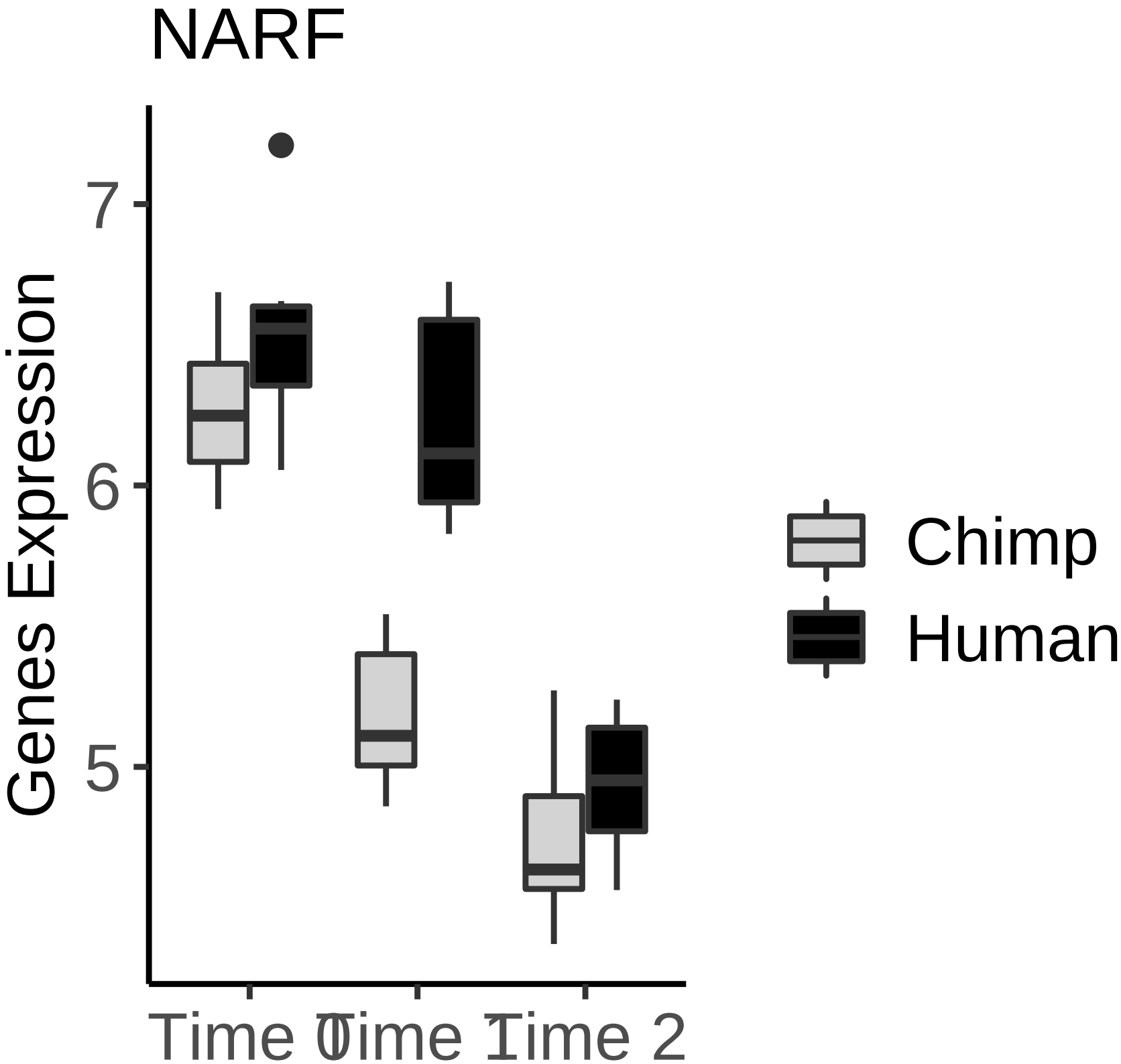
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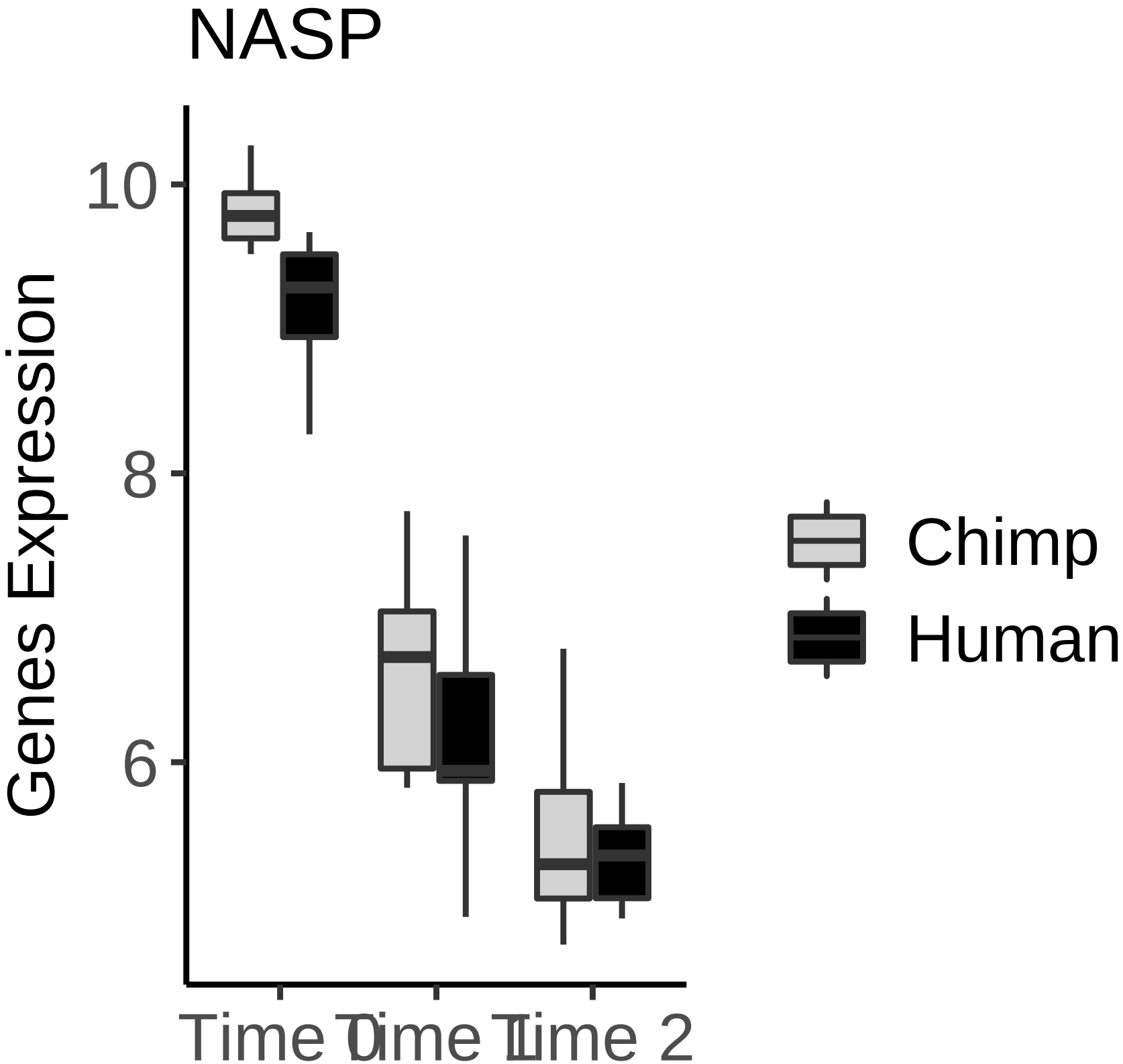
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Time 2
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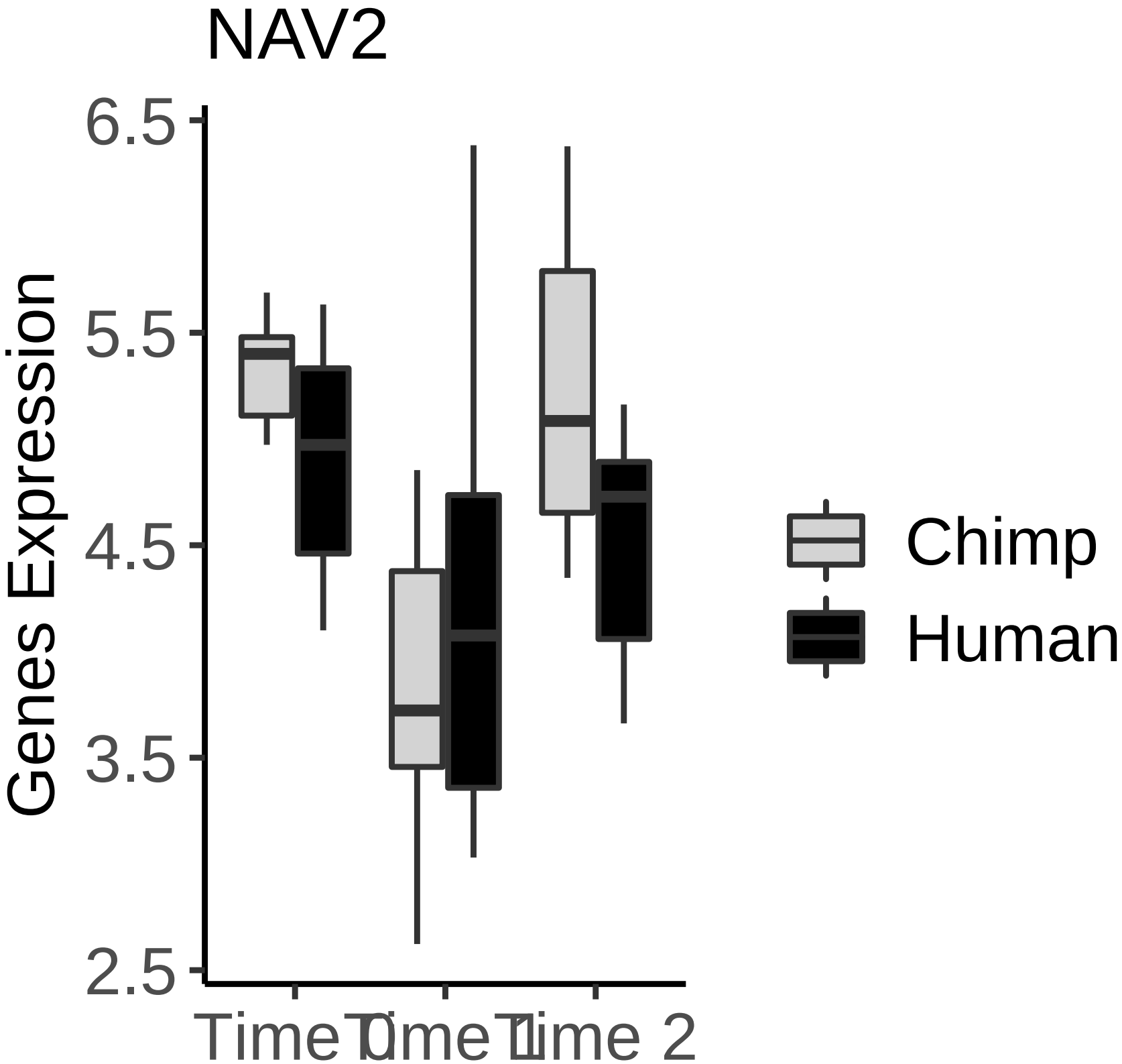
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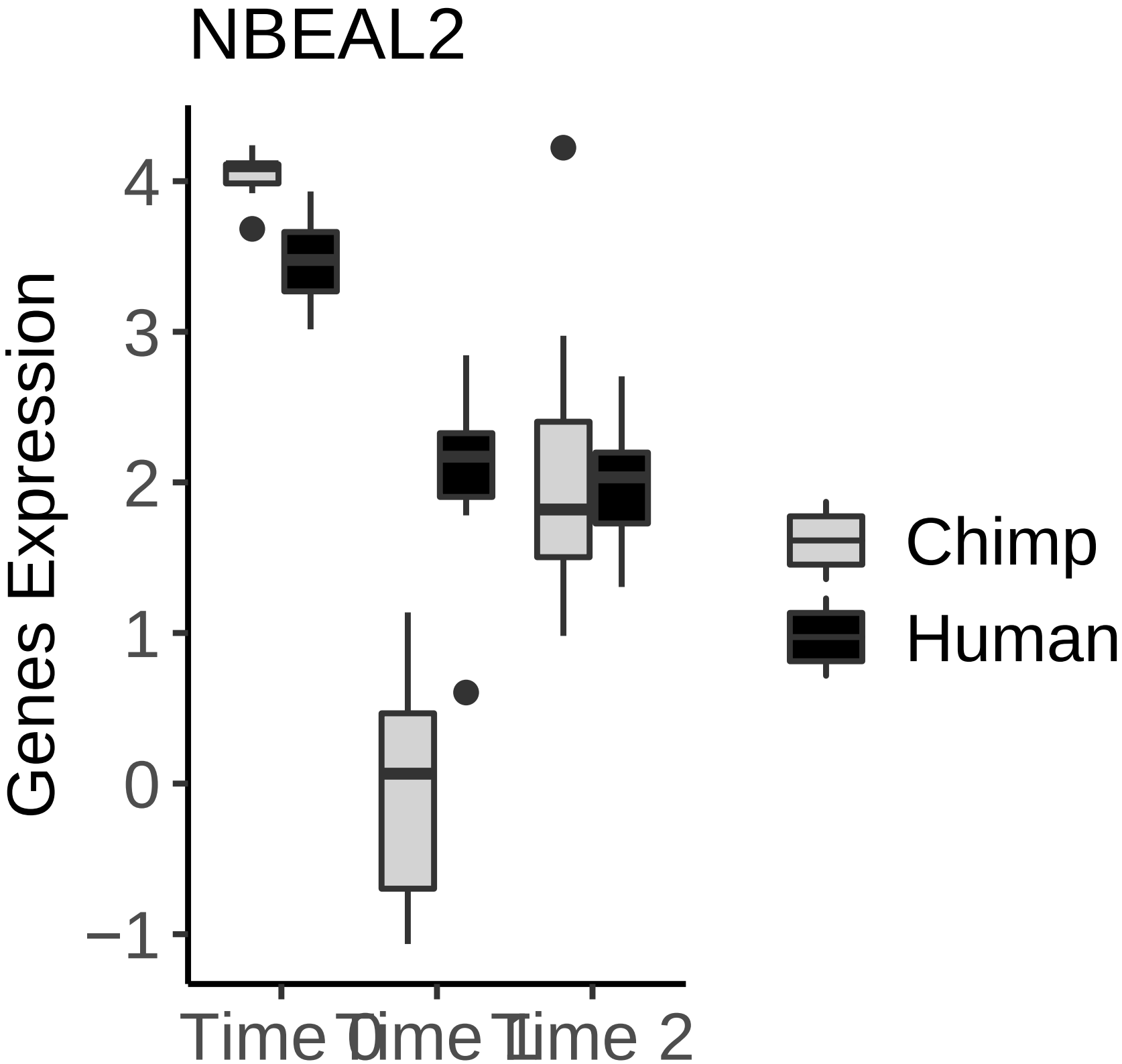
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Time 2
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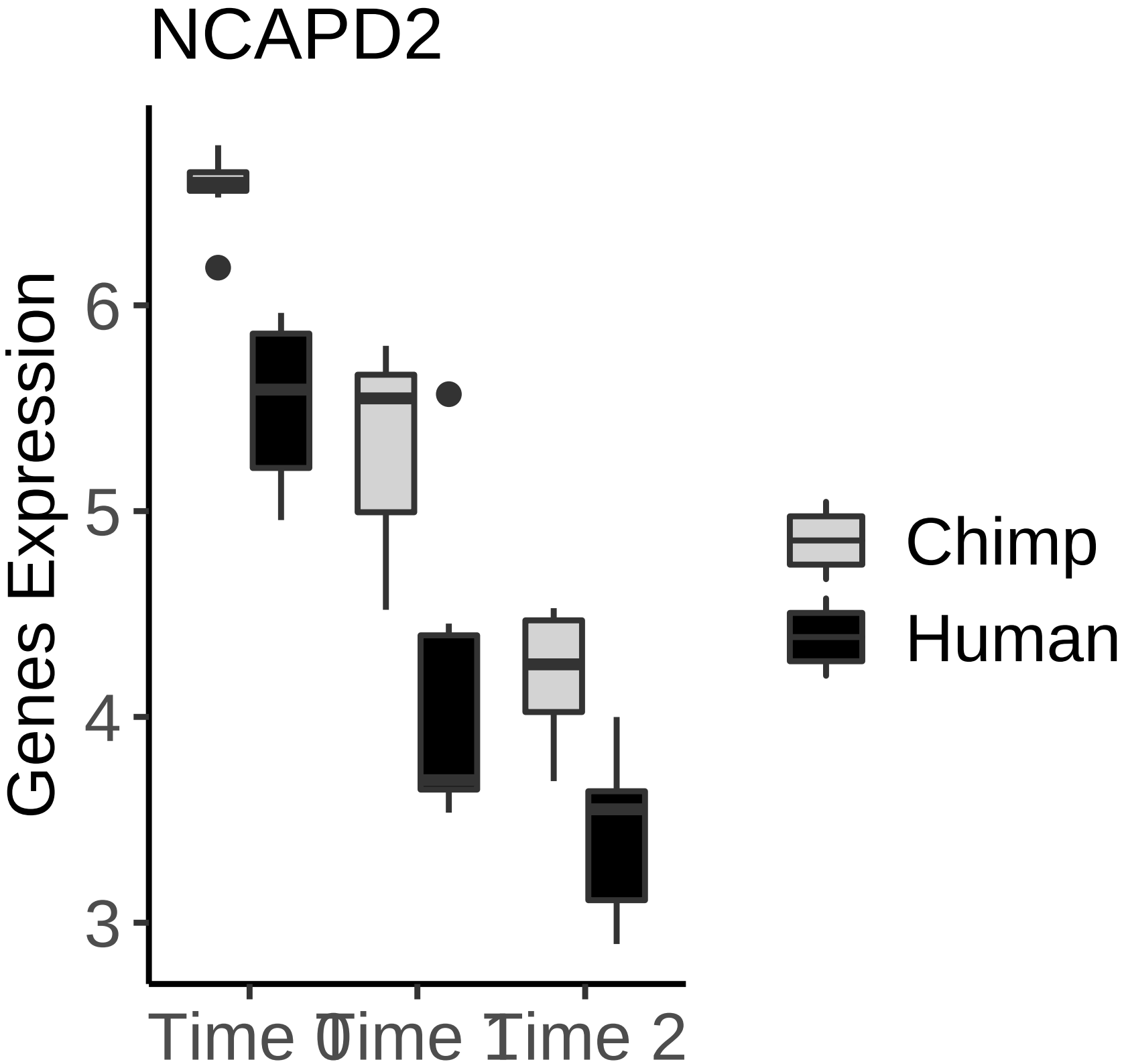
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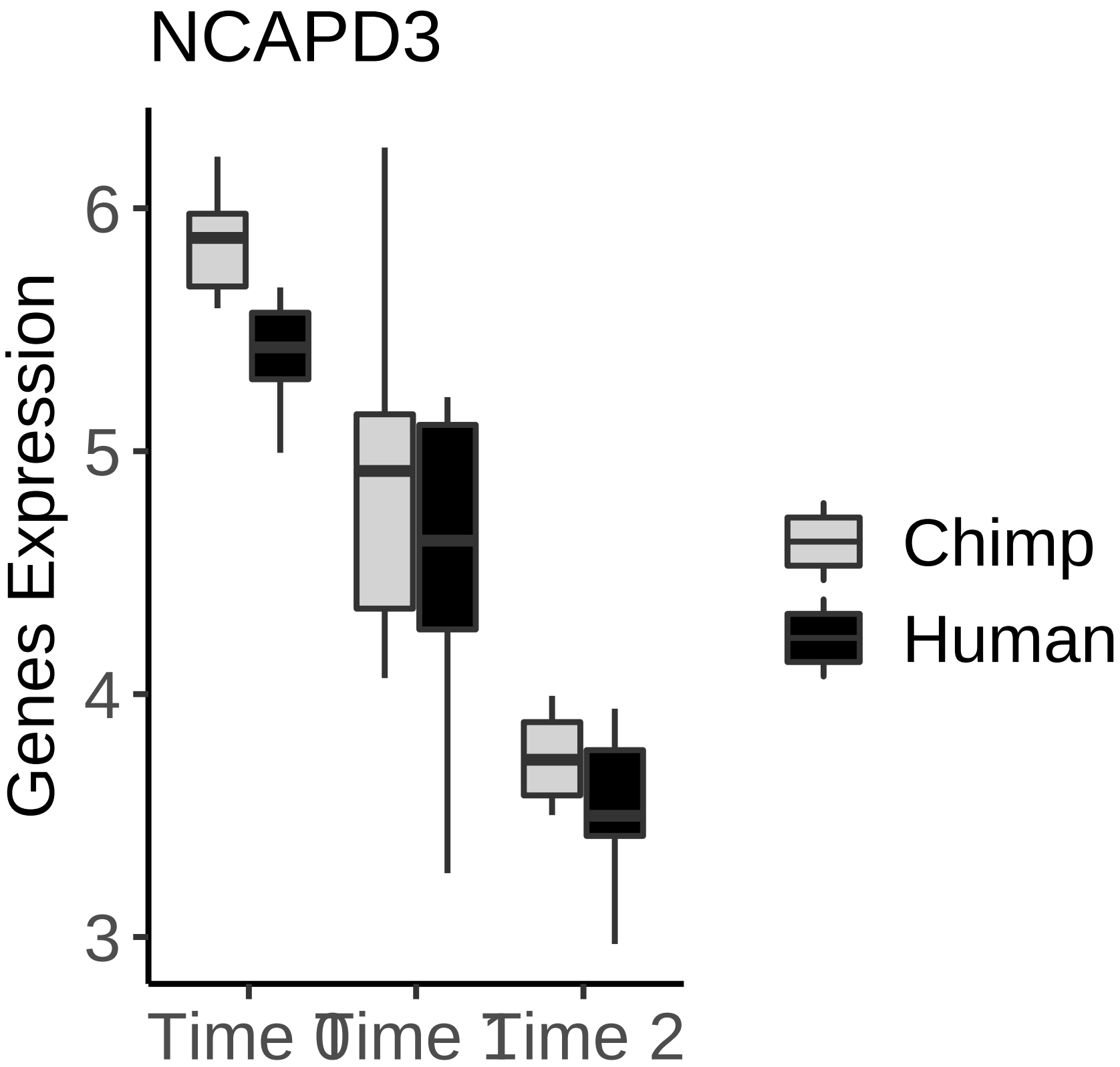
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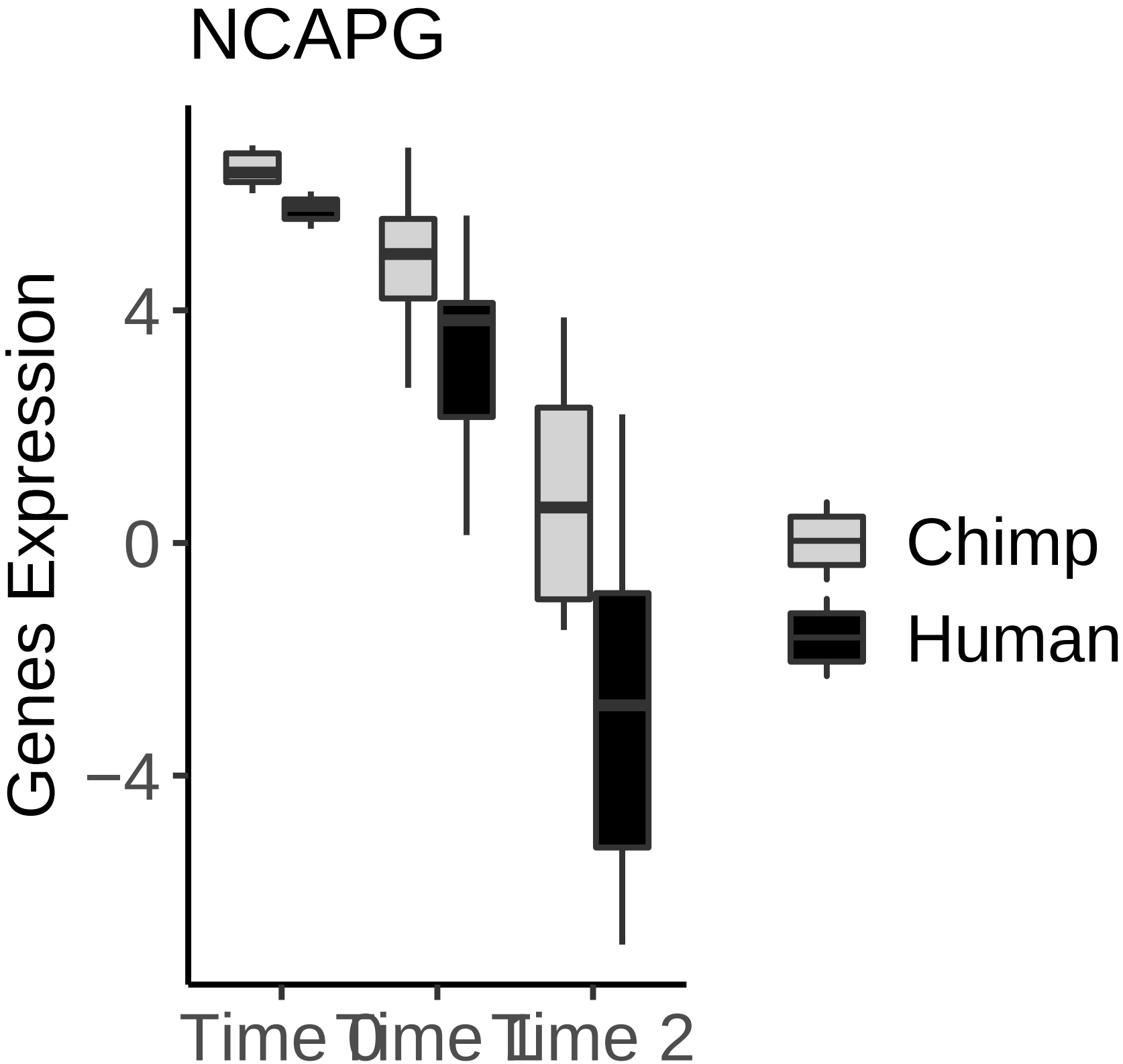
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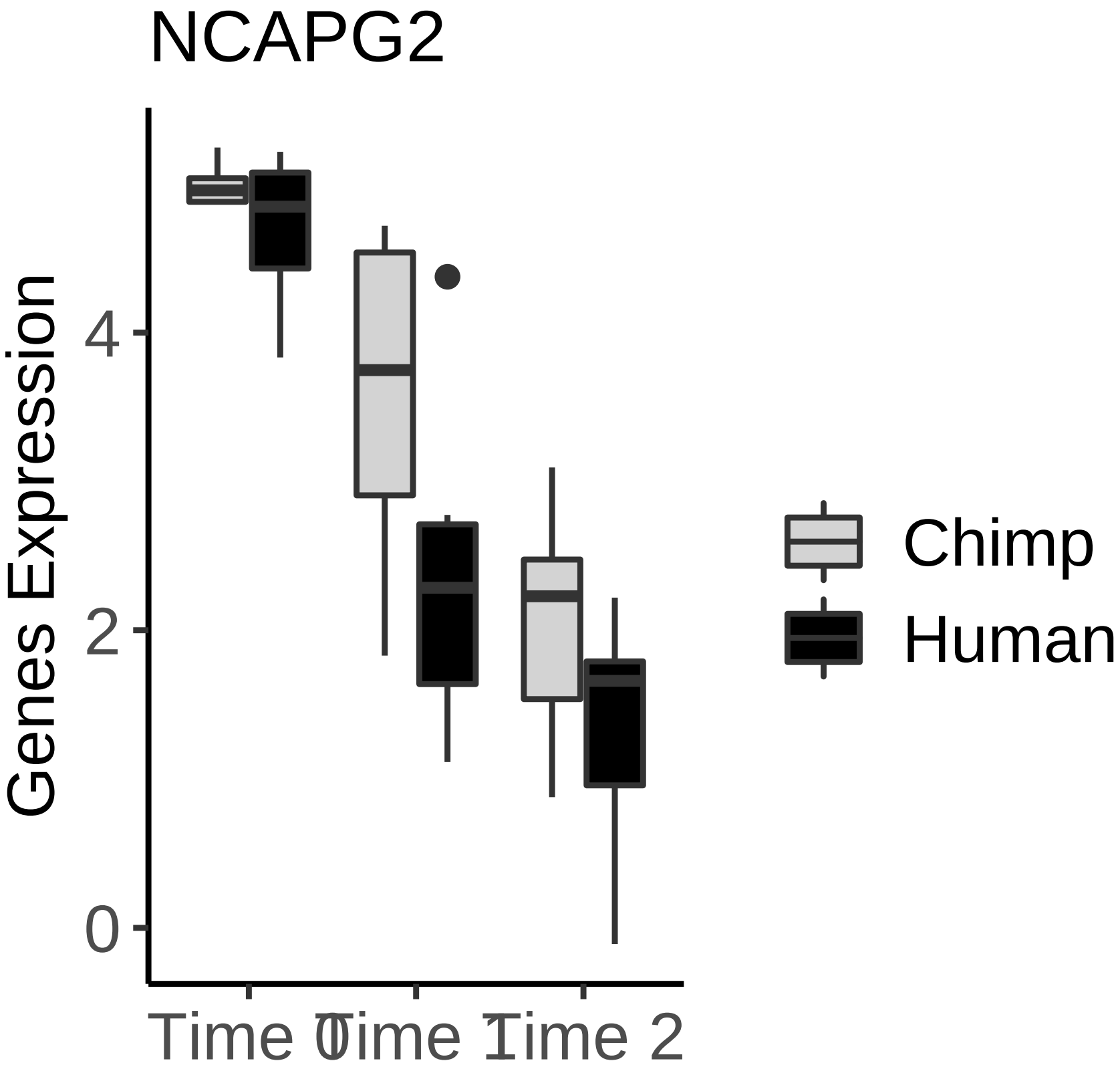
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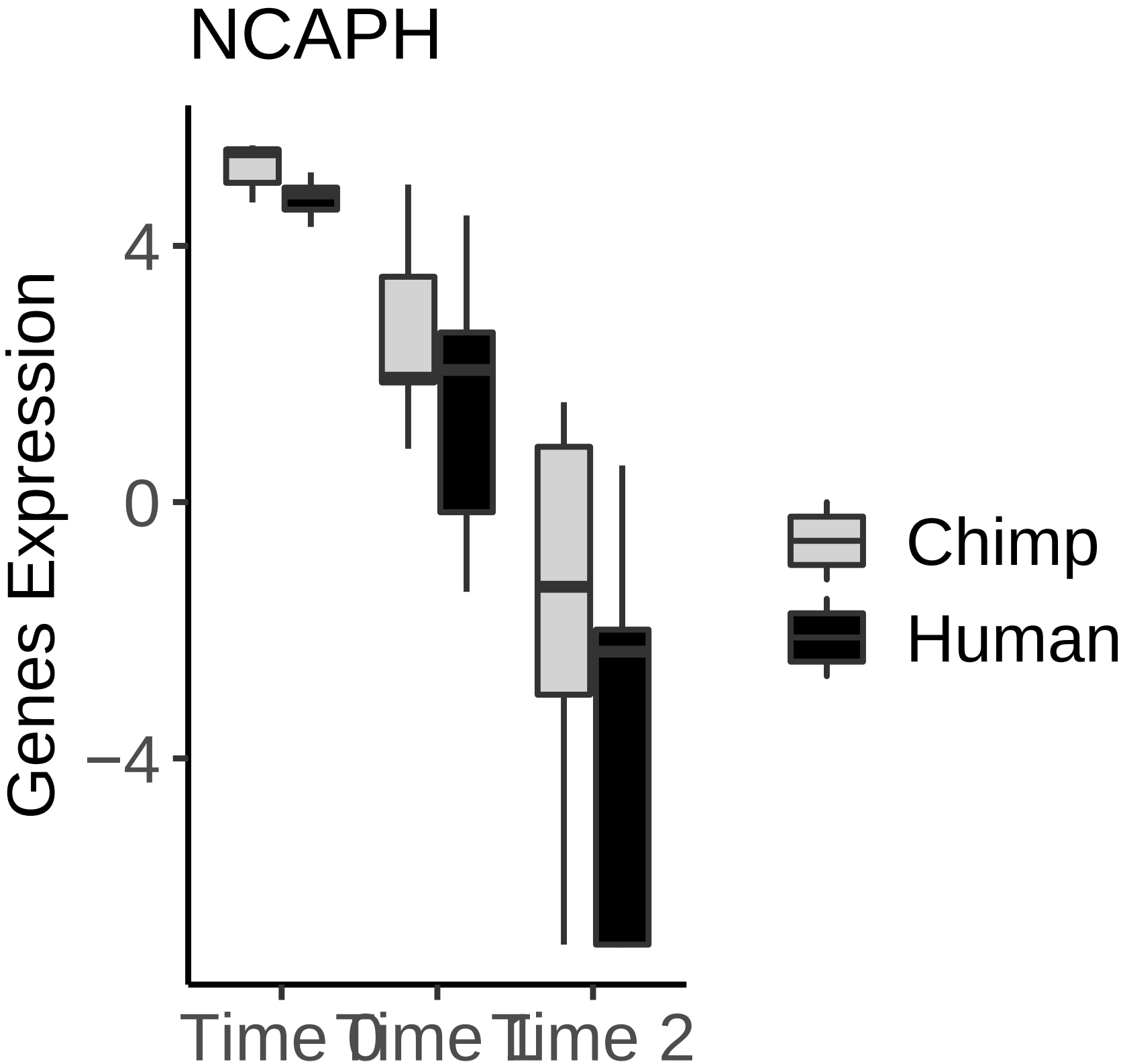
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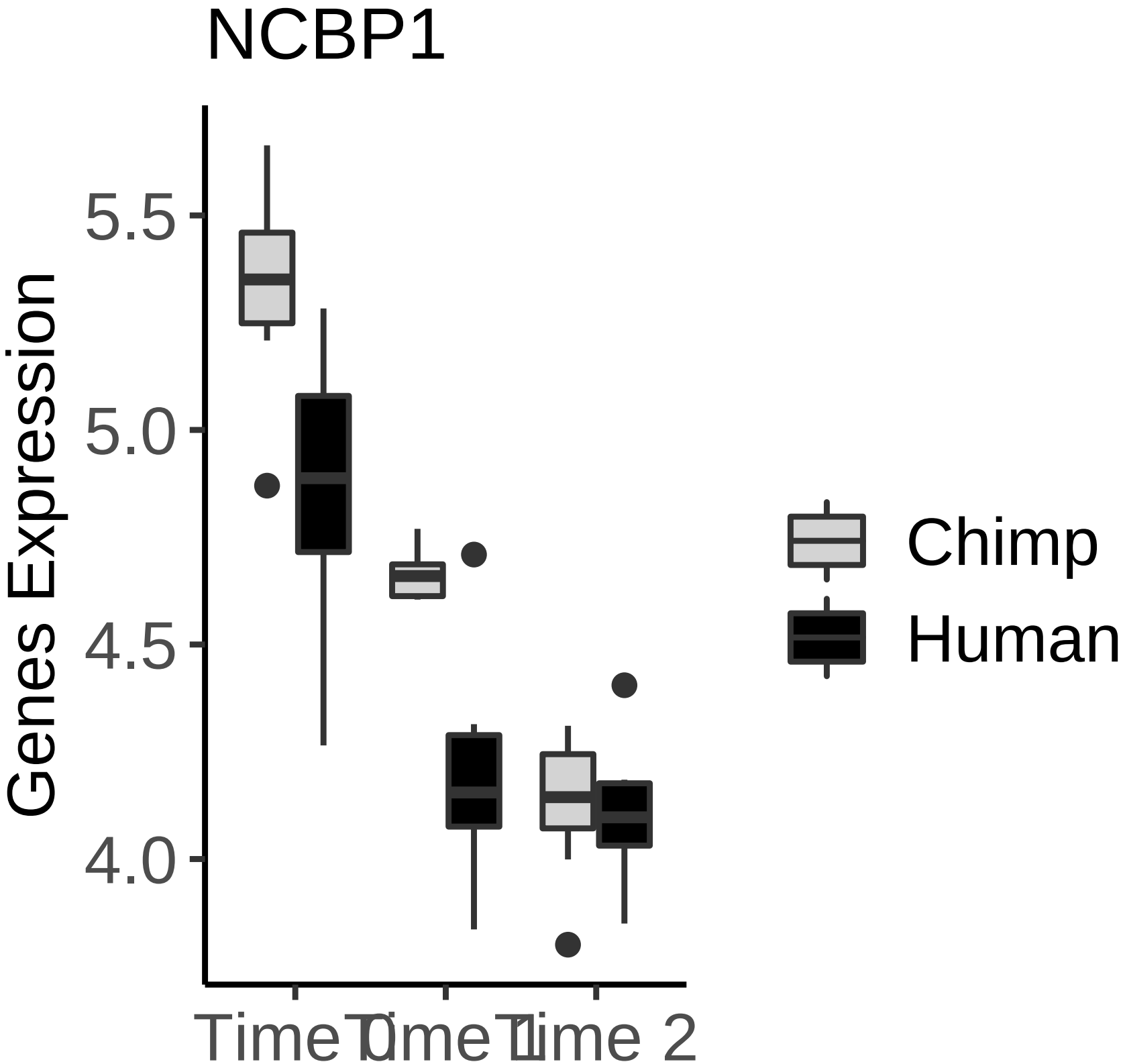
Time 2
Chimp
Human


NCBP1
Genes Expression
5.5
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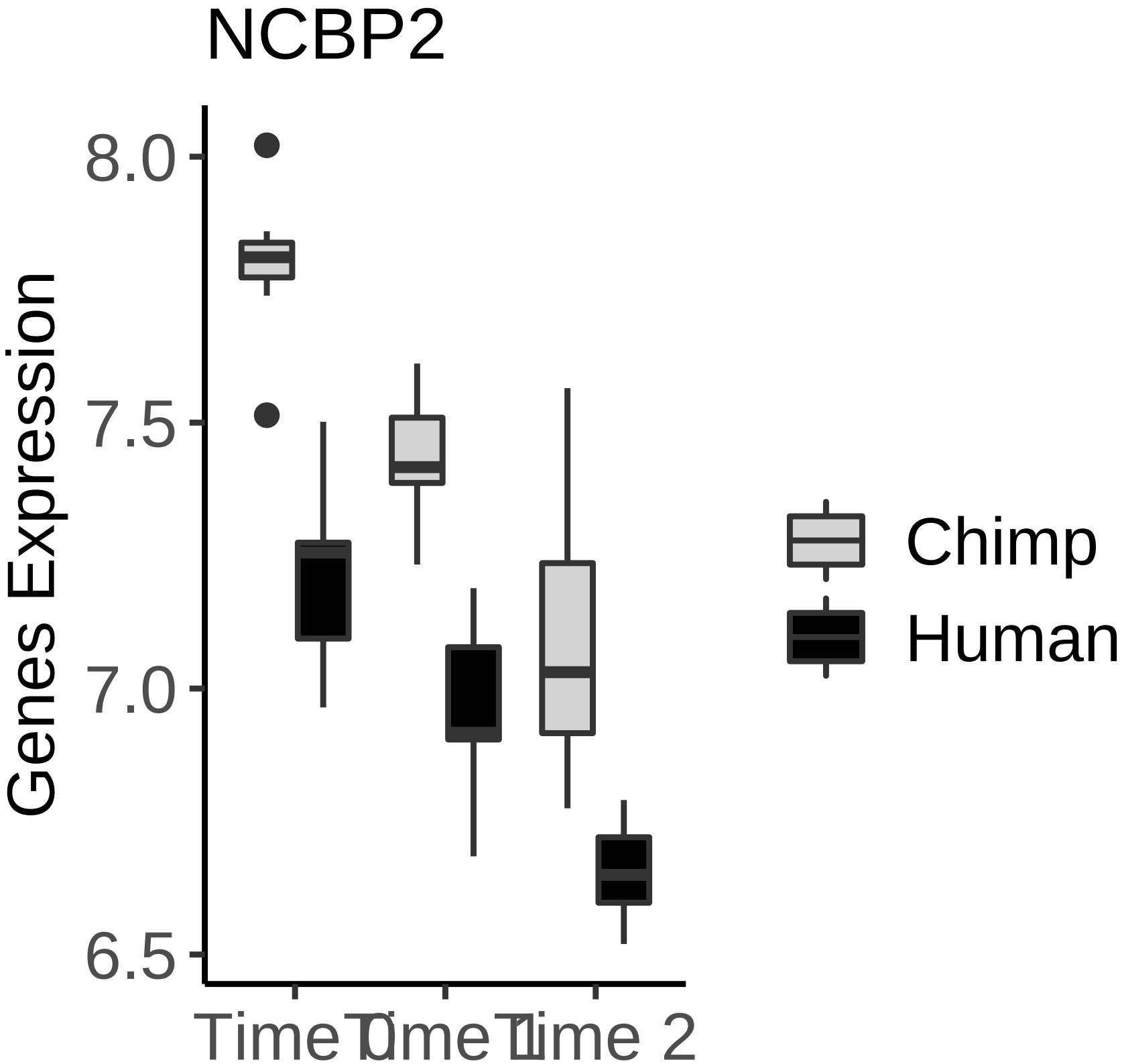
4.5
4.0
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
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6.5
Time 0
Time 1
Time 2
Chimp
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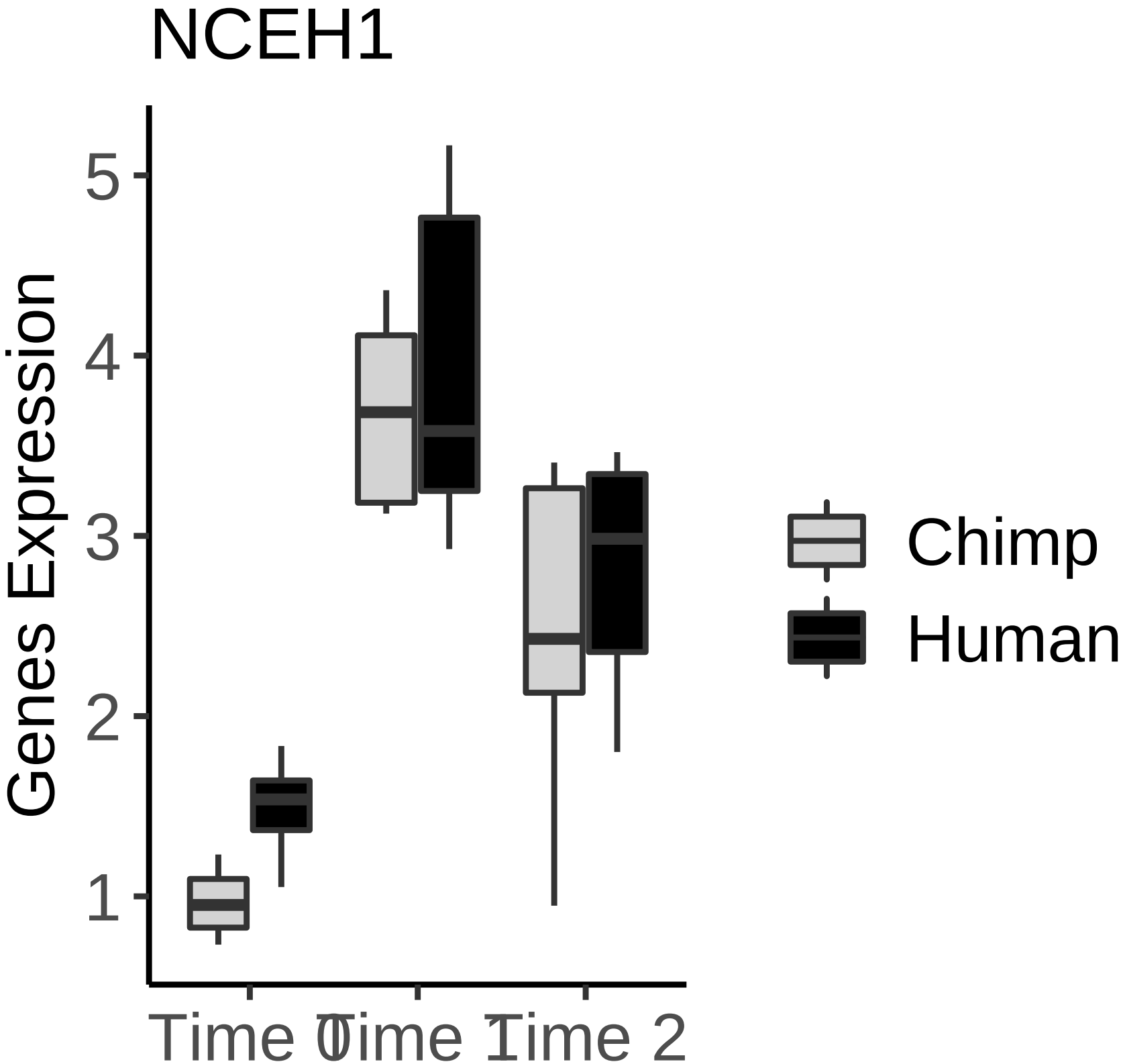
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Genes Expression
5
4
3
2
1
Time 0
Time 1
Time 2
Chimp
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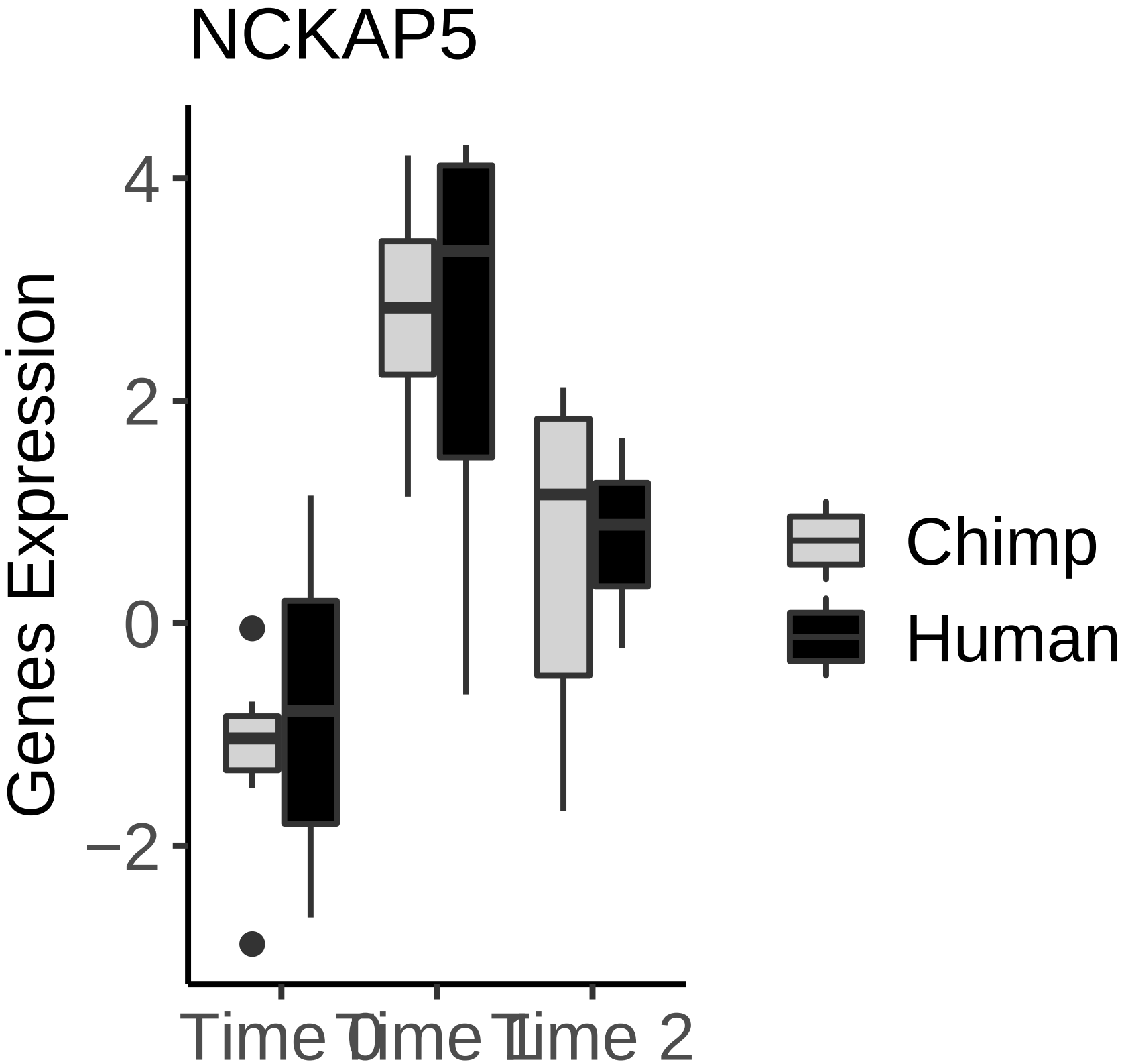
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Genes Expression
4
2
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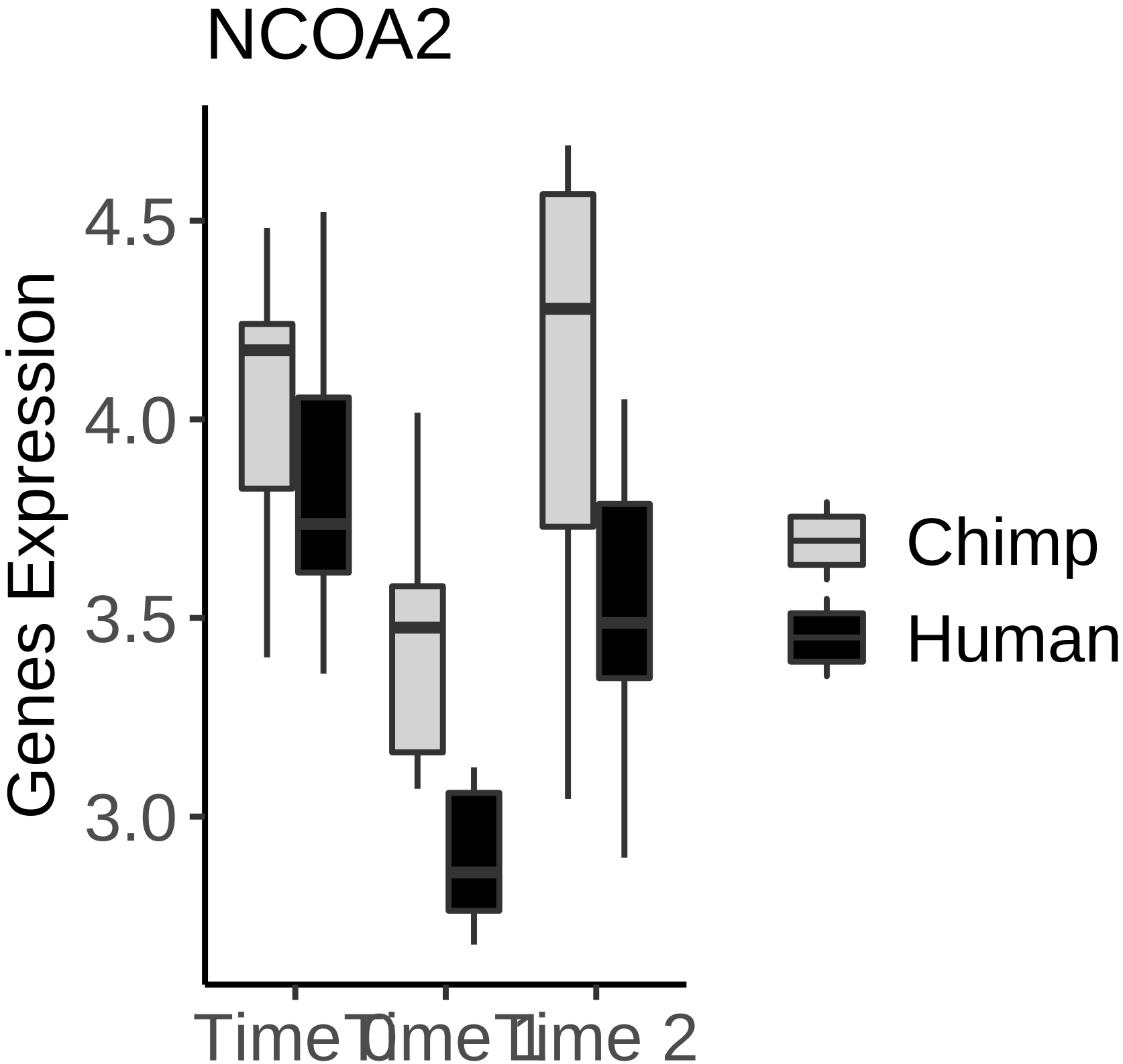
−2
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
4.5
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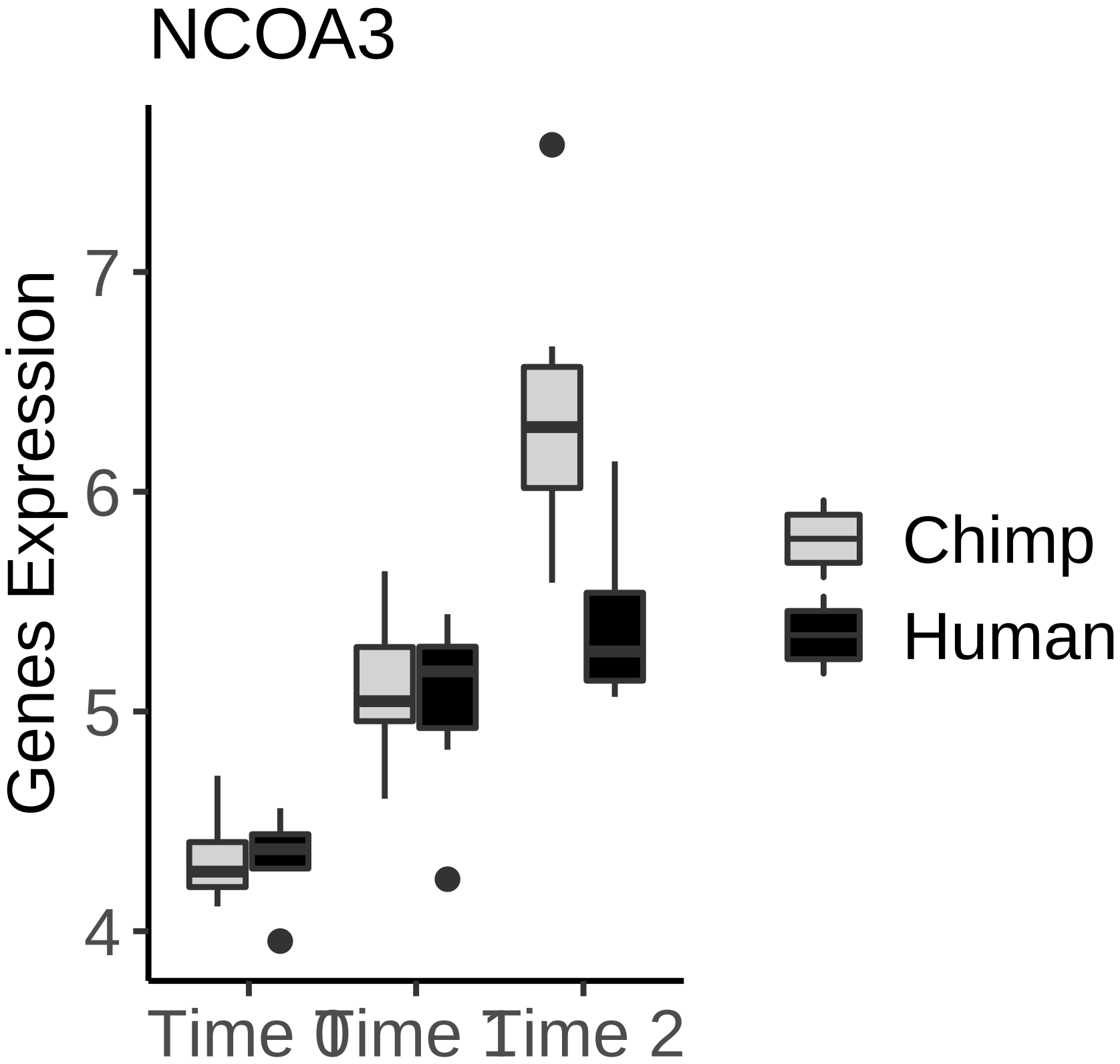
3.5
3.0
Time 0
Time 1
Time 2
Chimp
Human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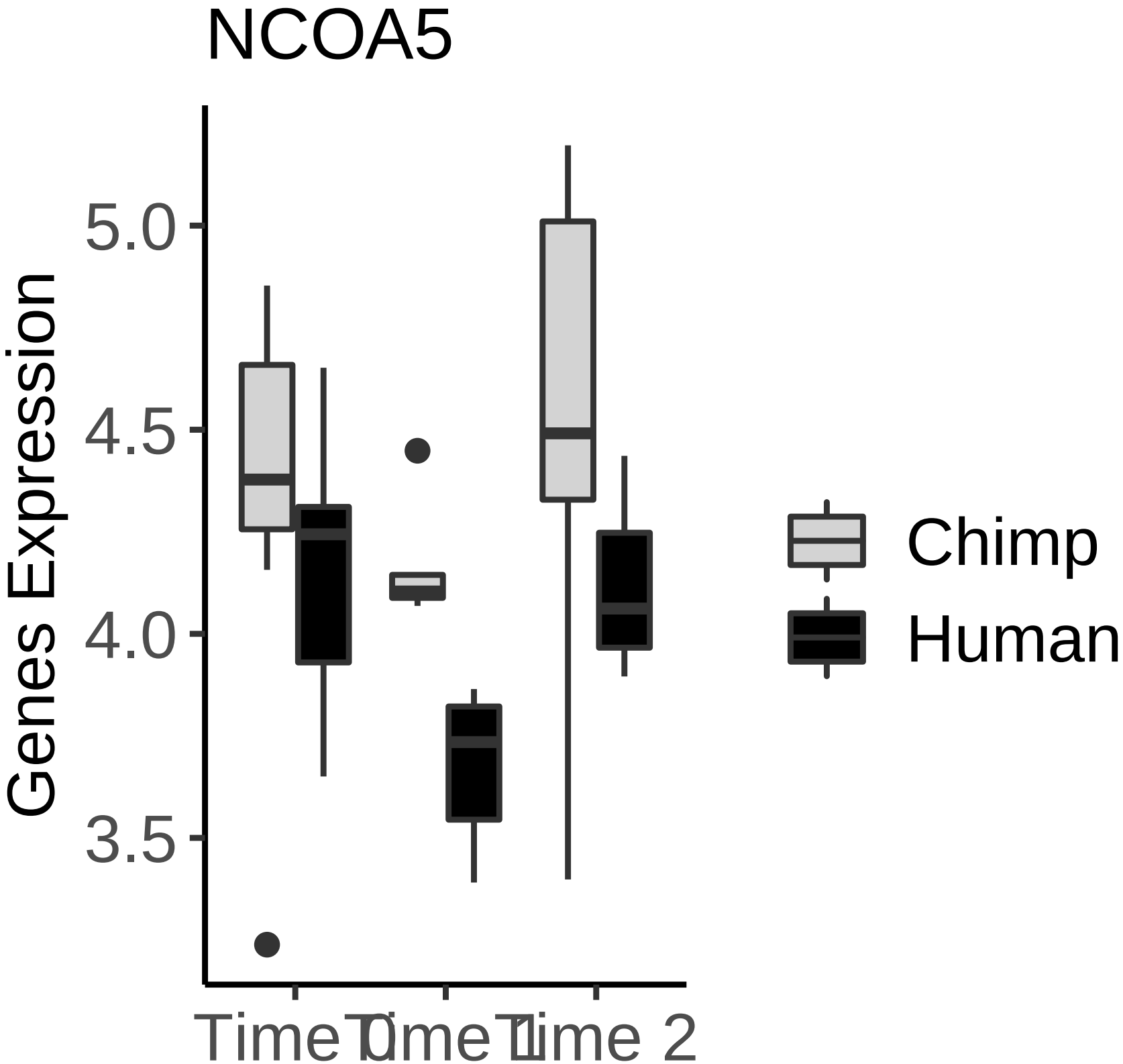
Genes Expression
7
6
5
4
Time 0
Time 1
Time 2
Chimp
Human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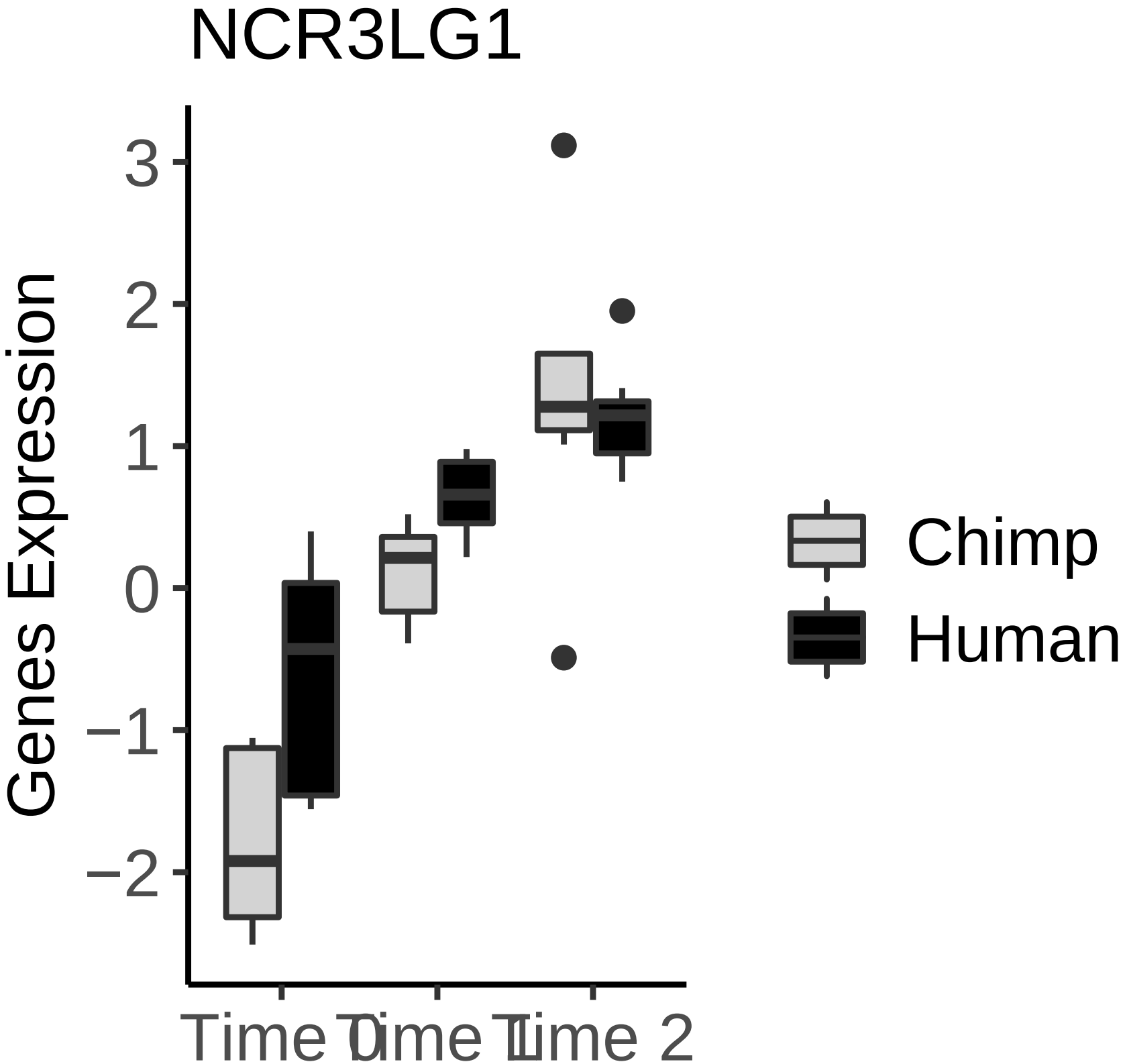
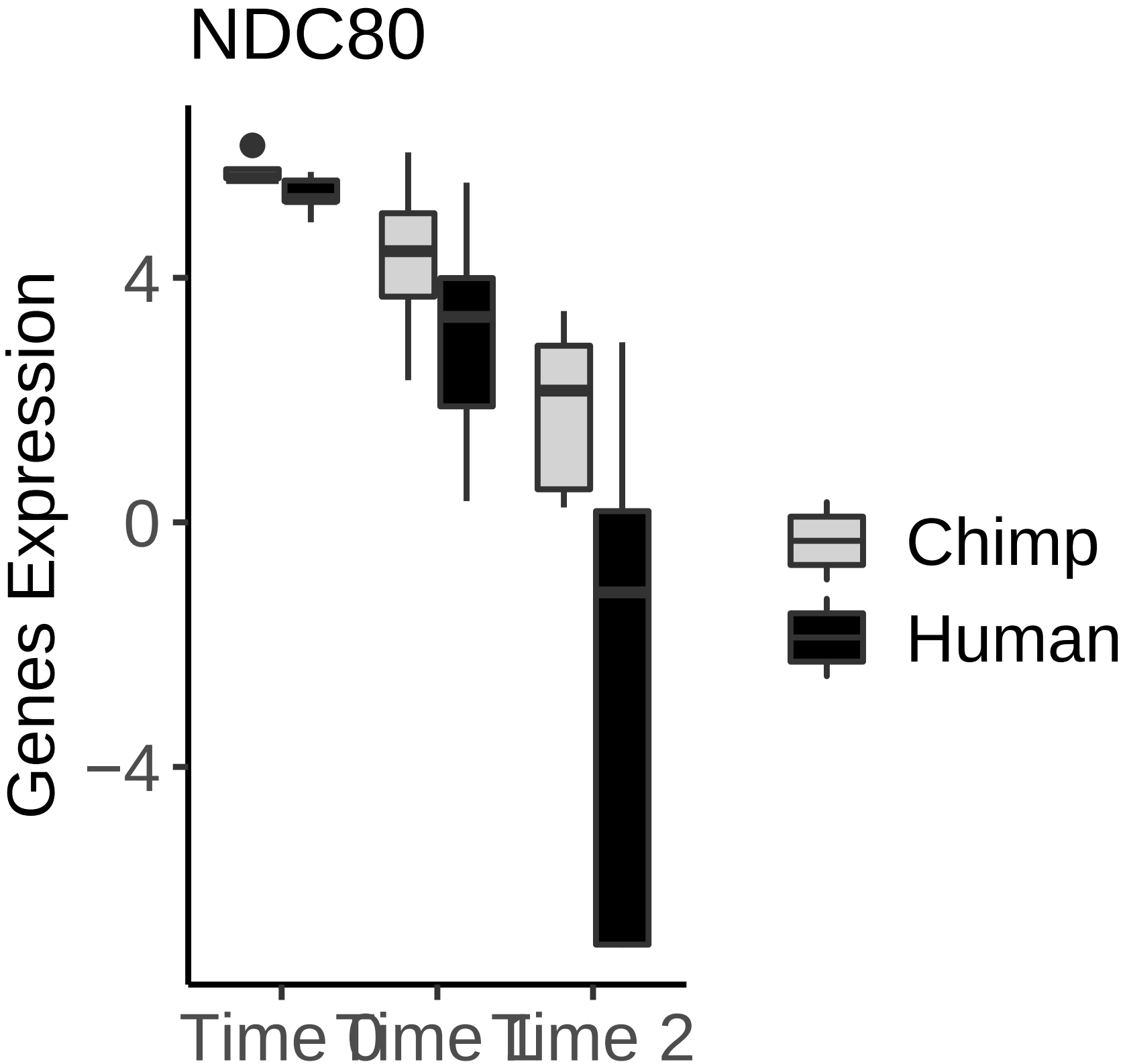
4.0
3.5
Time 0
Time 1
Time 2
Chimp
Human


NCR3LG1
Genes Expression
3
2
1
0
−1
−2
Time 0
Time 1
Time 2
Chimp
Human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Chimp
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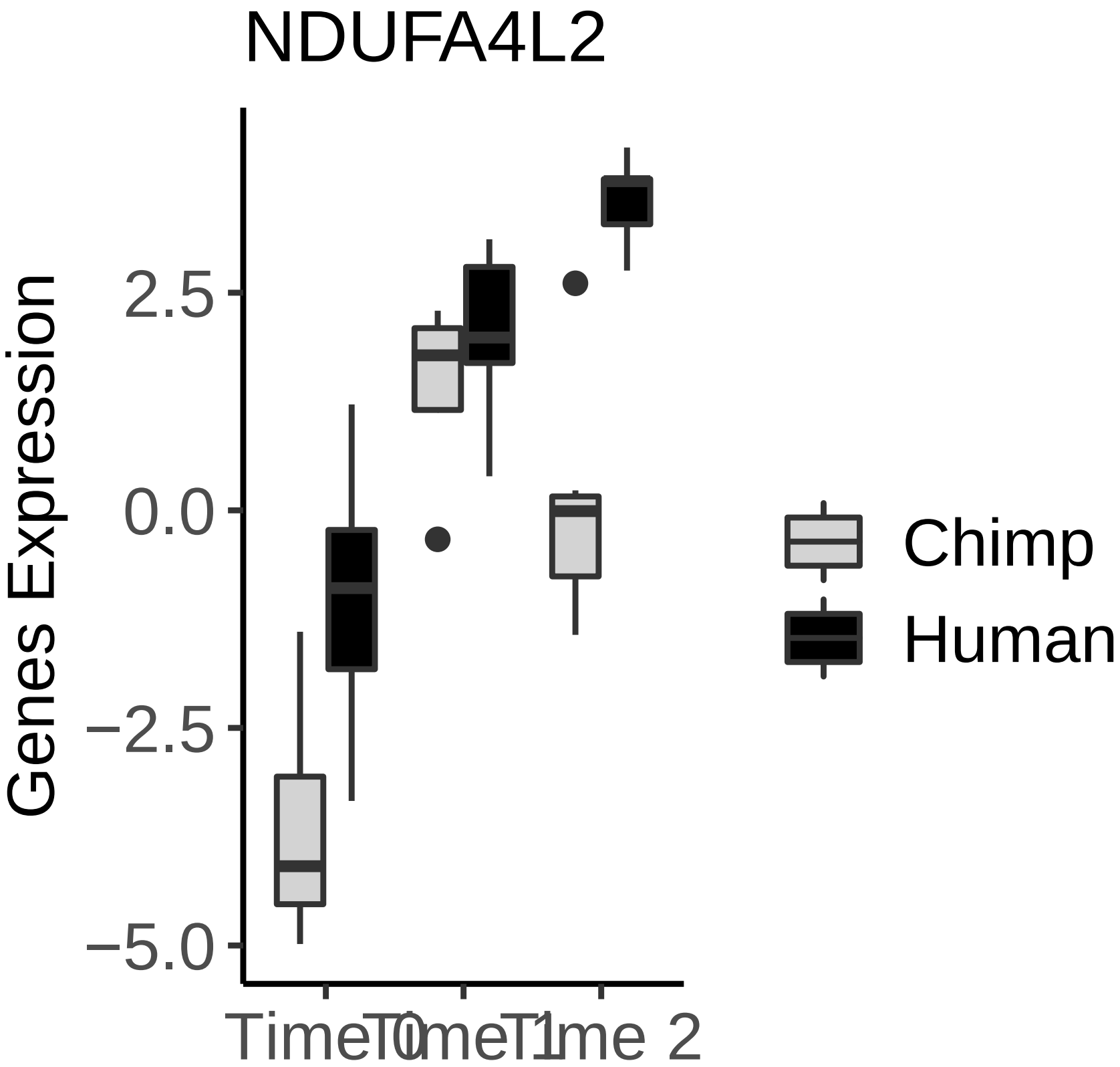
NDUFA4L2
Genes Expression
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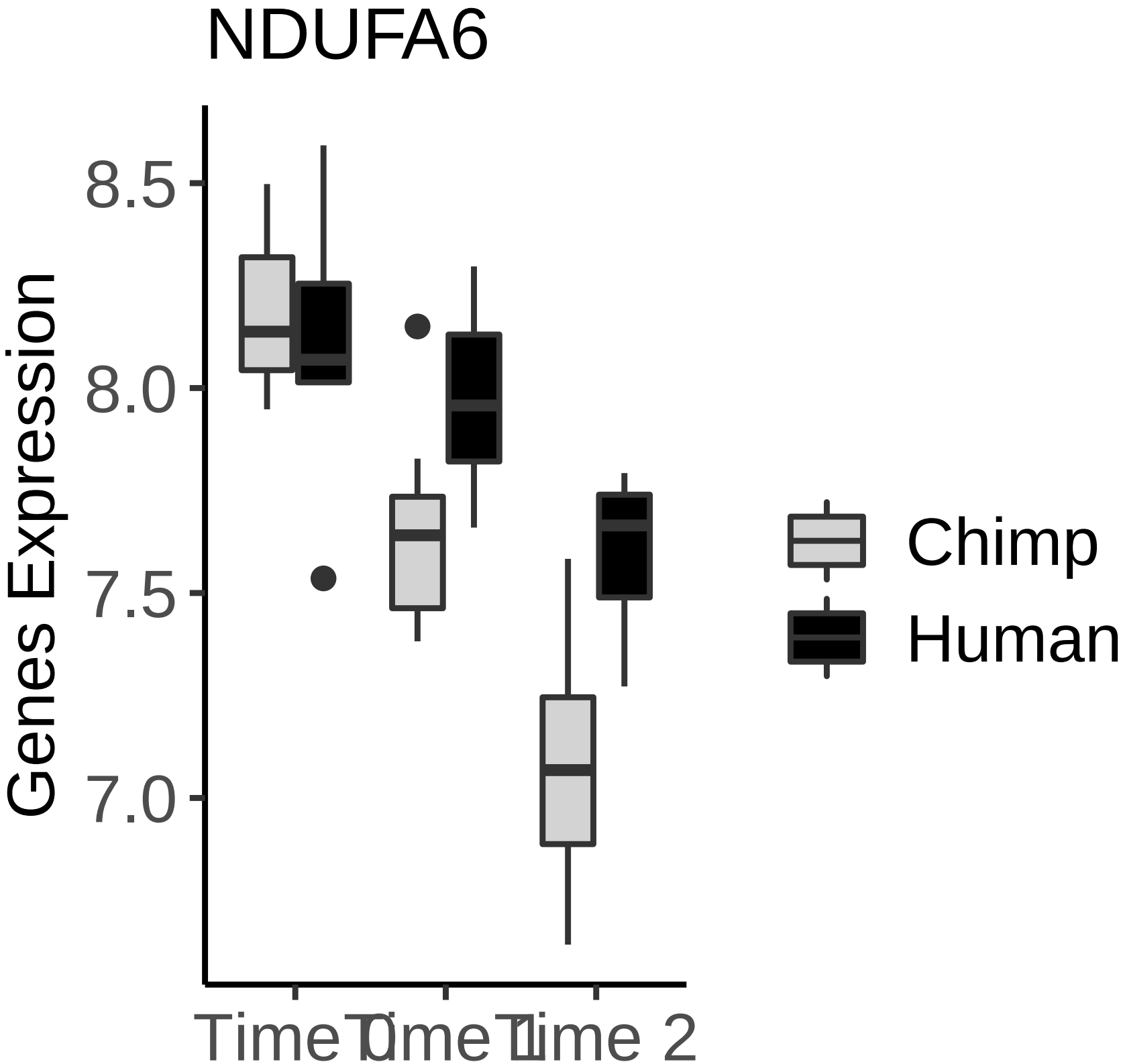
Time 0
Time 1
Time 2
Chimp
Human


NDUFA6
Genes Expression
8.5
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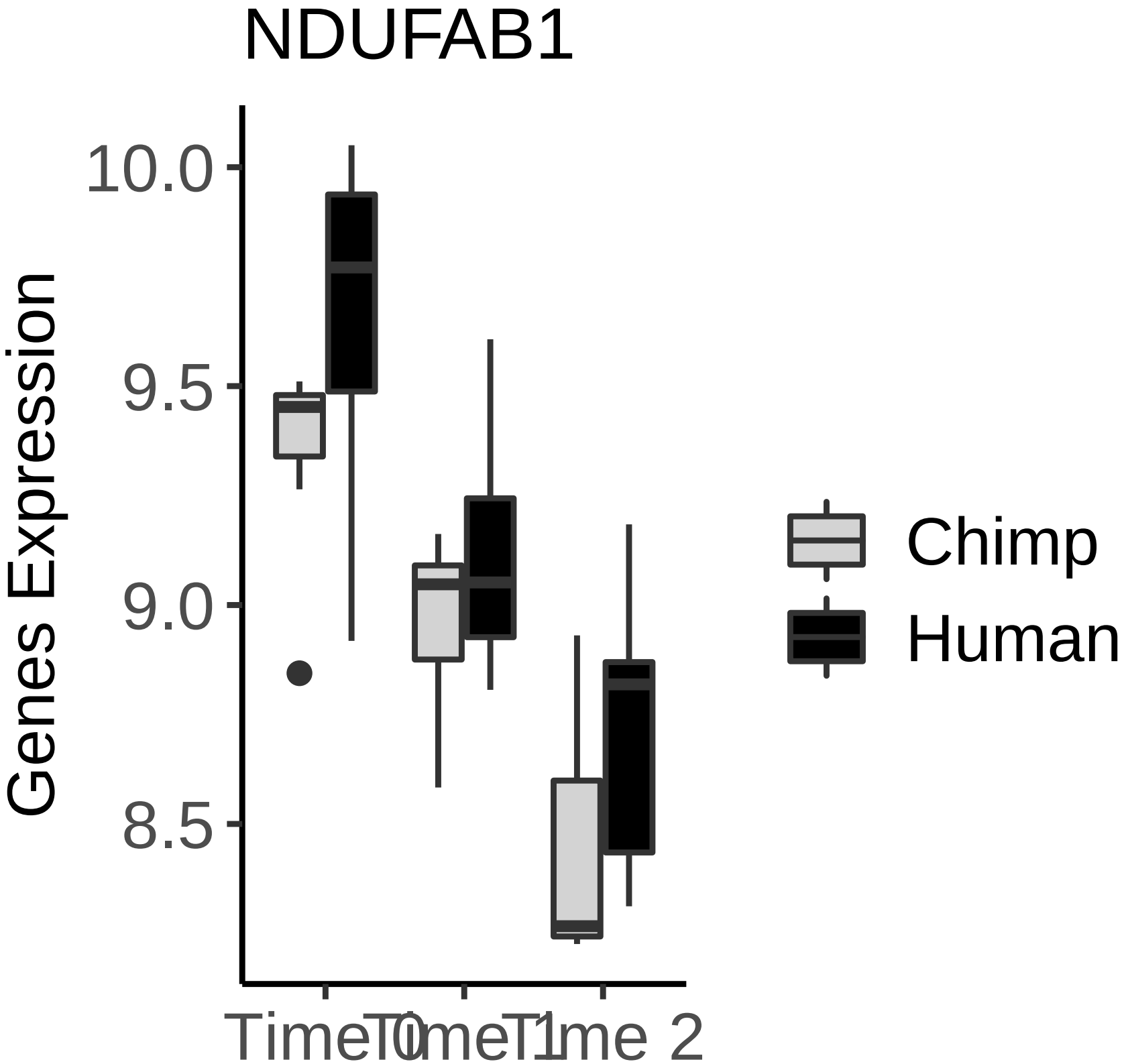
7.5
7.0
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
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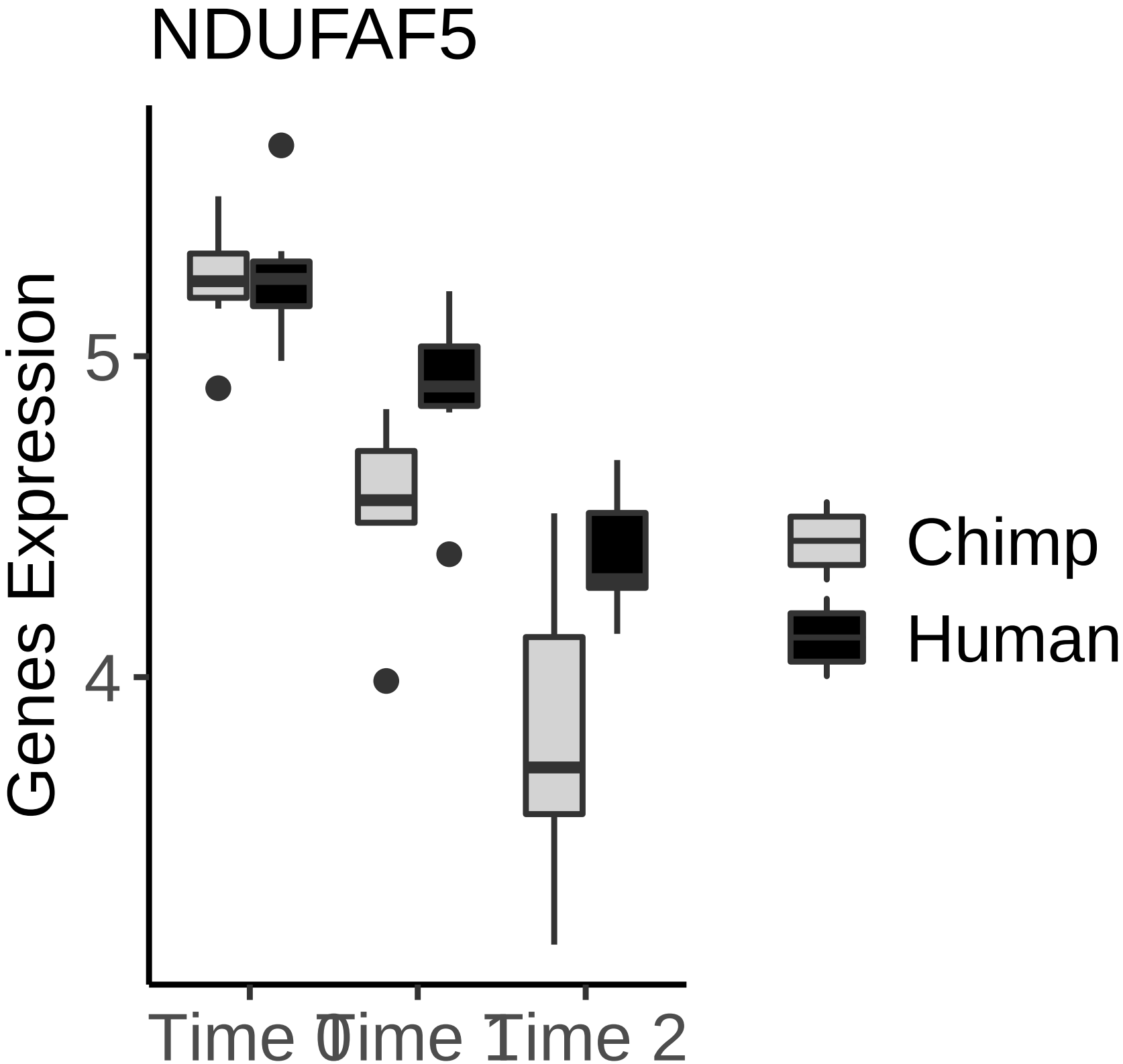
9.5
9.0
8.5
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
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4
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Time 1
Time 2
Chimp
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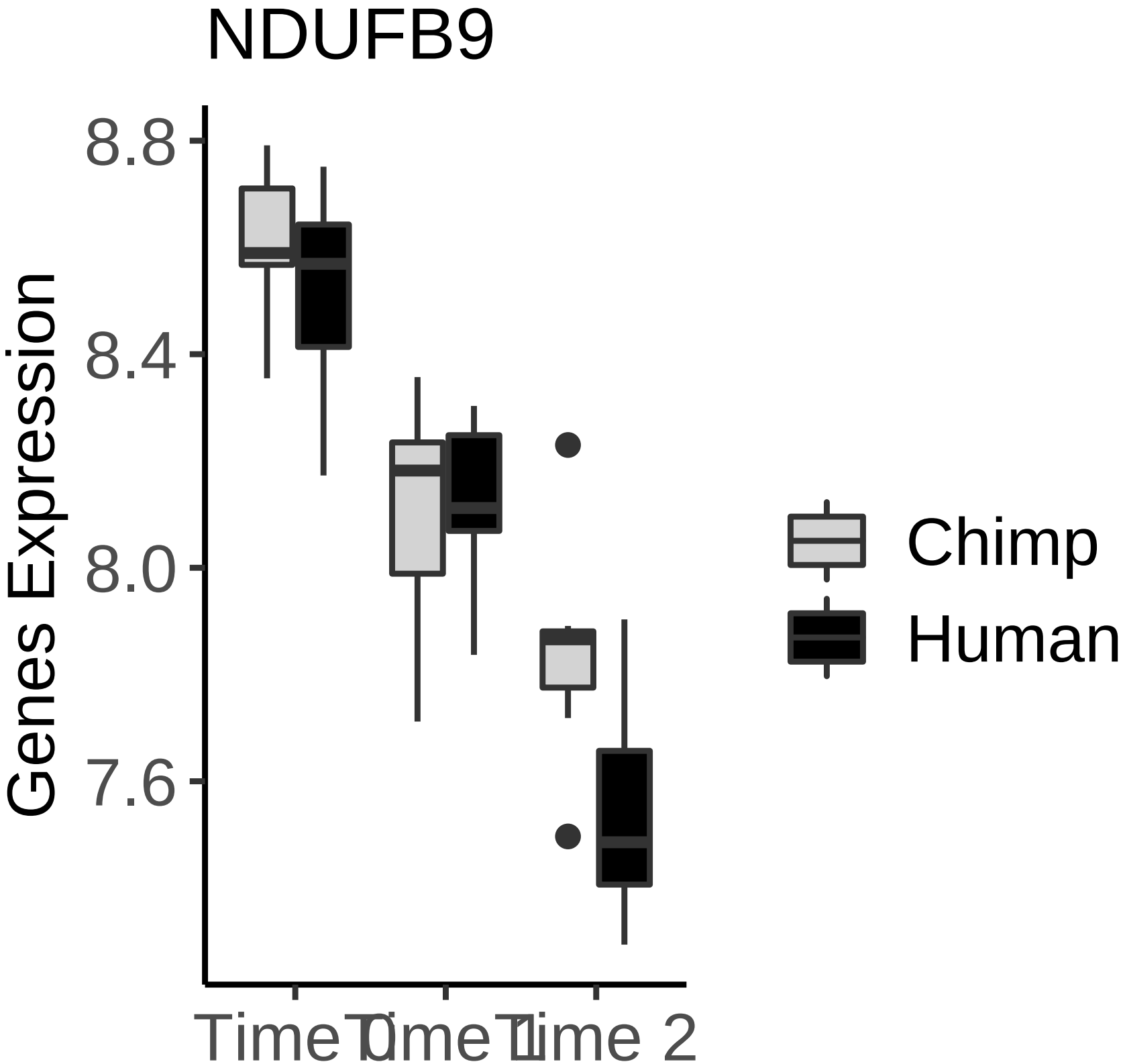
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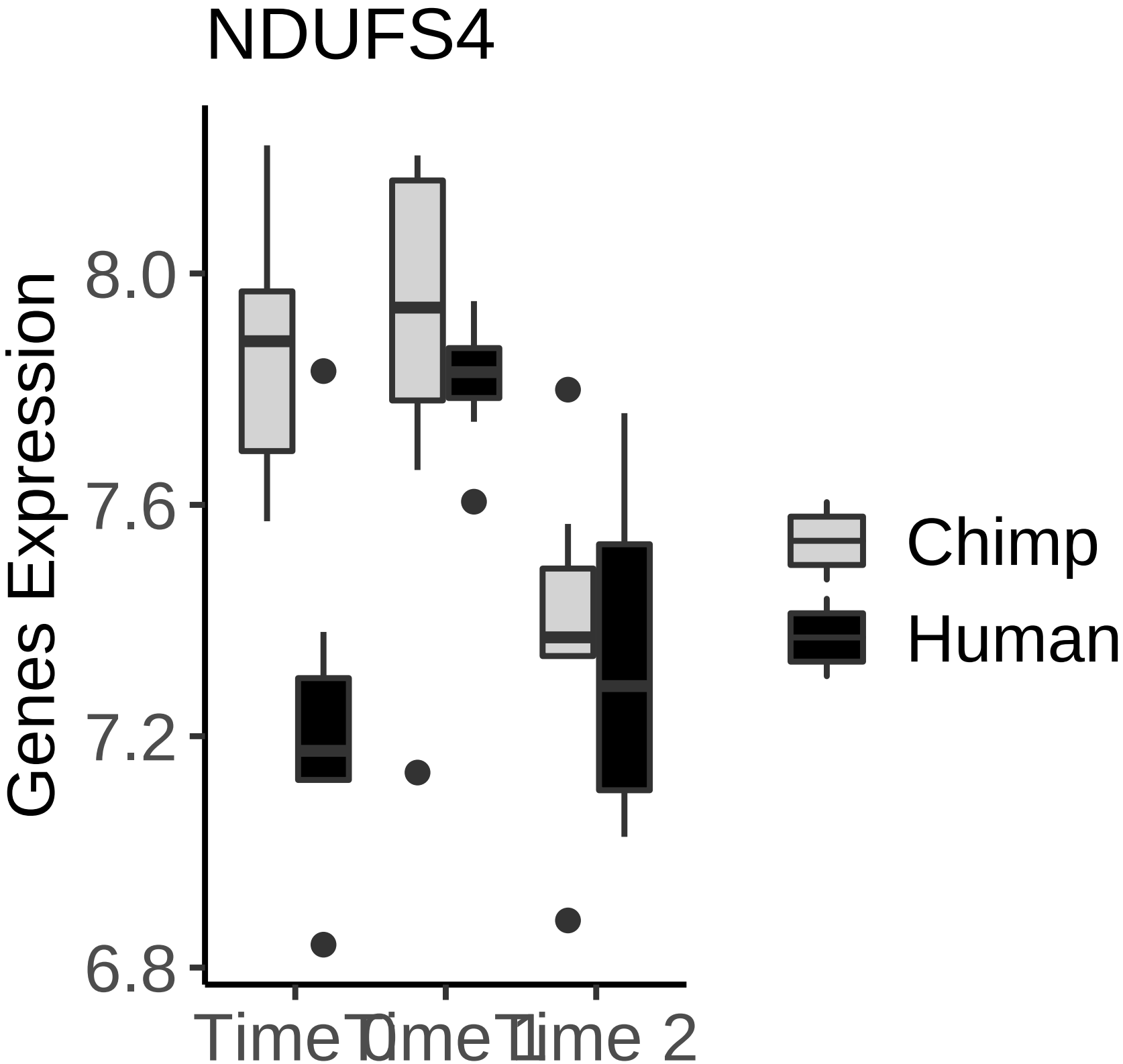
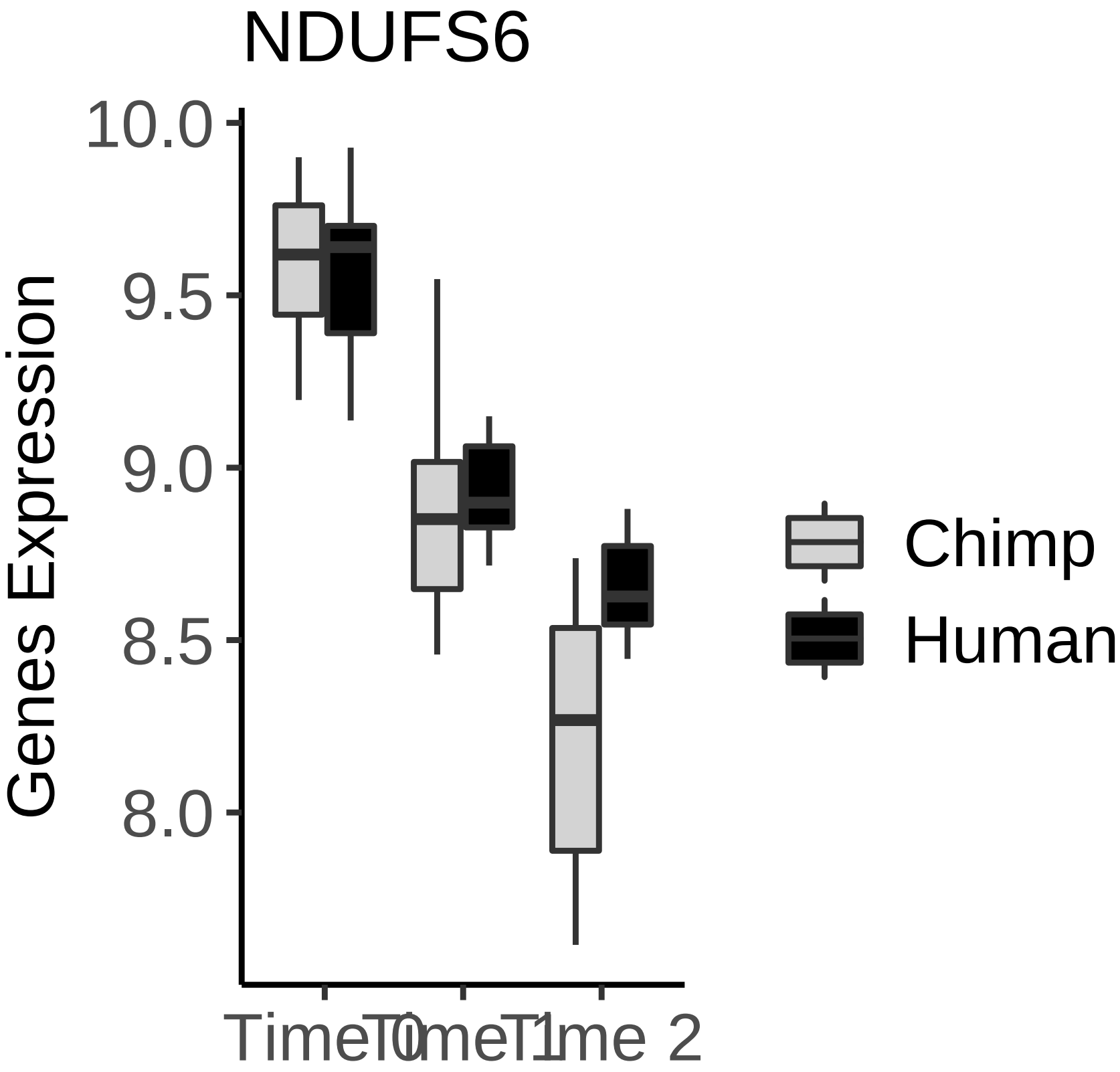
Genes Expression
8.8
8.4
8.0
7.6
Time 0
Time 1
Time 2
Chimp
Human


NDUFS4
Genes Expression
8.0
7.6
7.2
6.8
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
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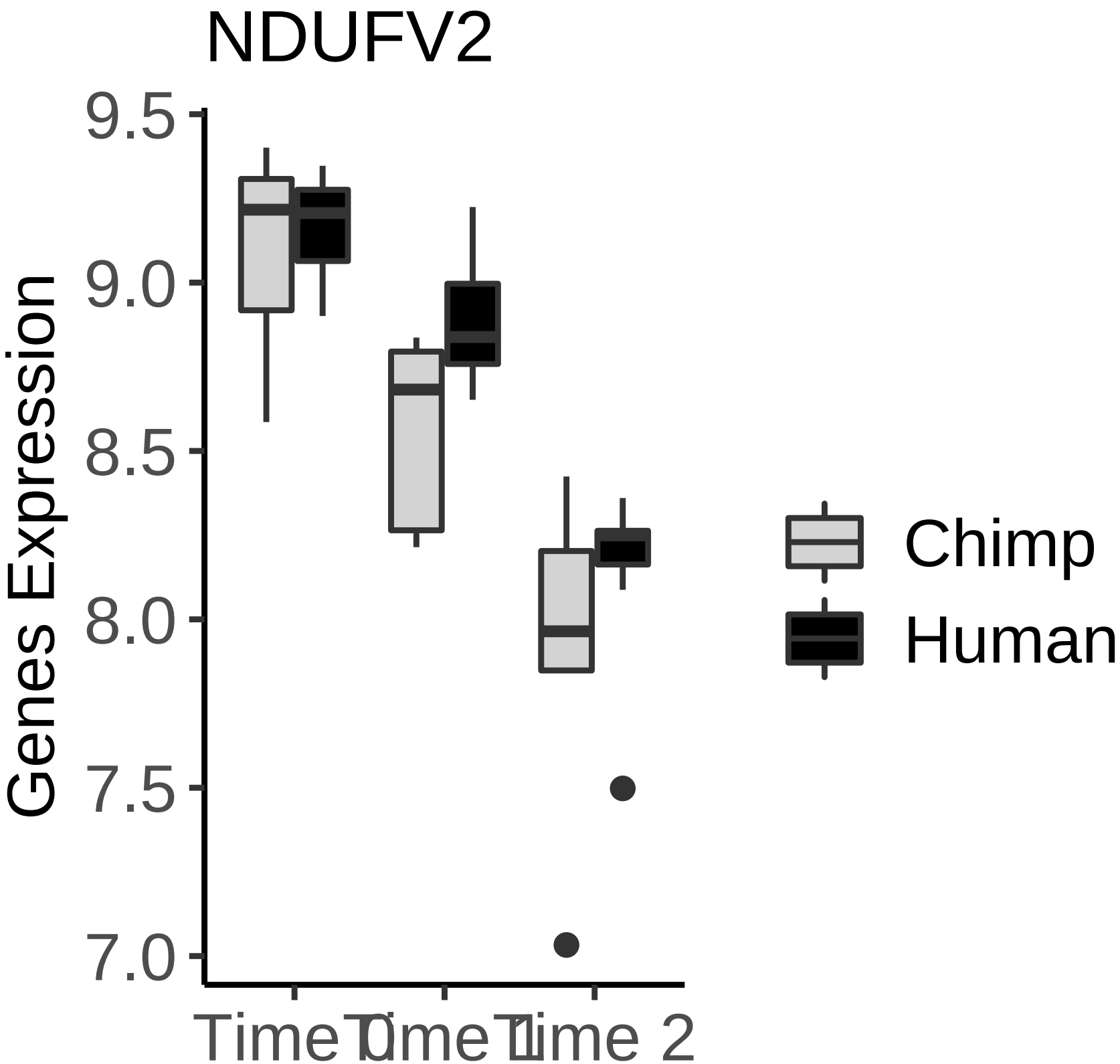
9.0
8.5
8.0
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
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8.5
8.0
7.5
7.0
Time 0
Time 1
Time 2
Chimp
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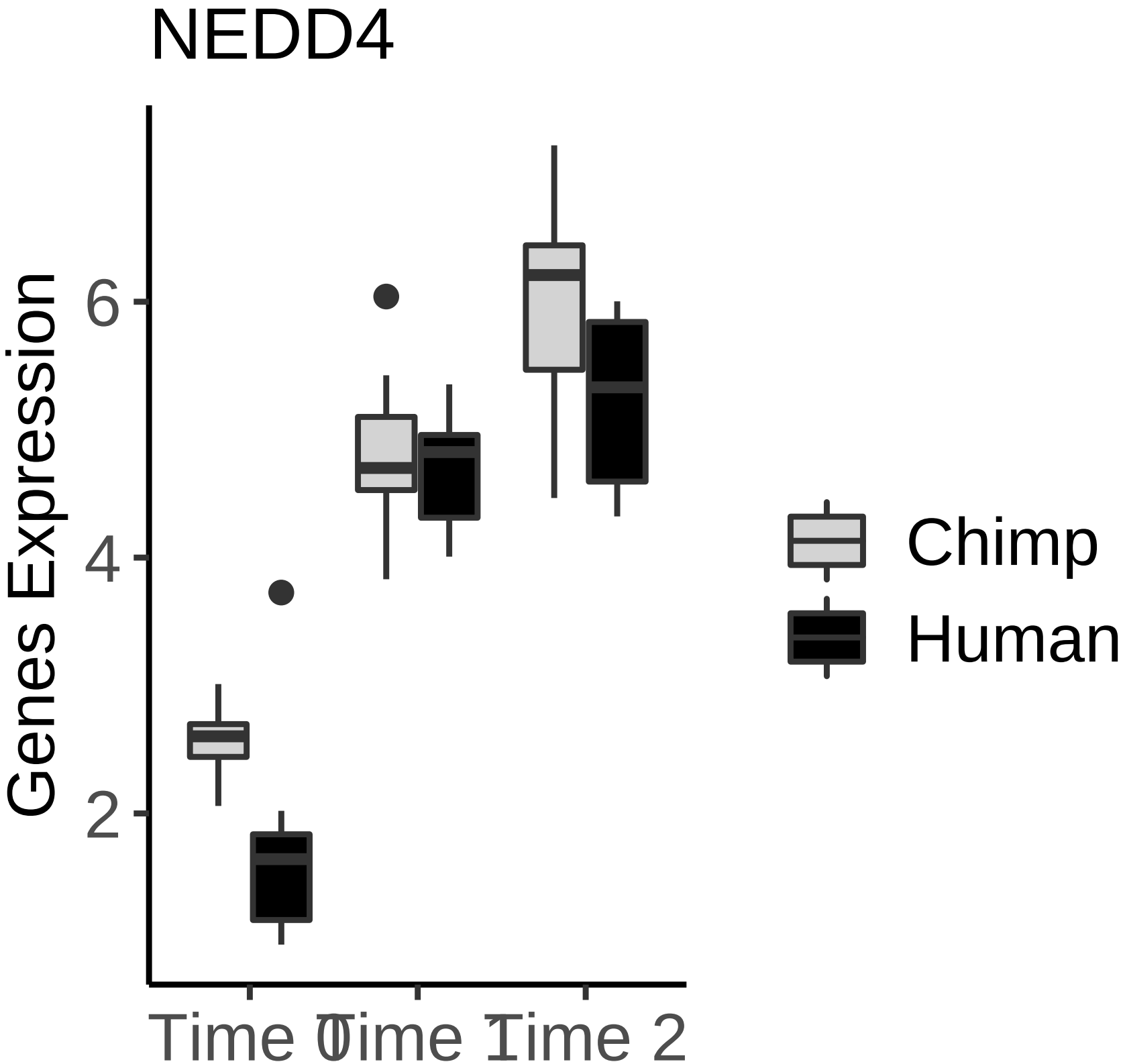
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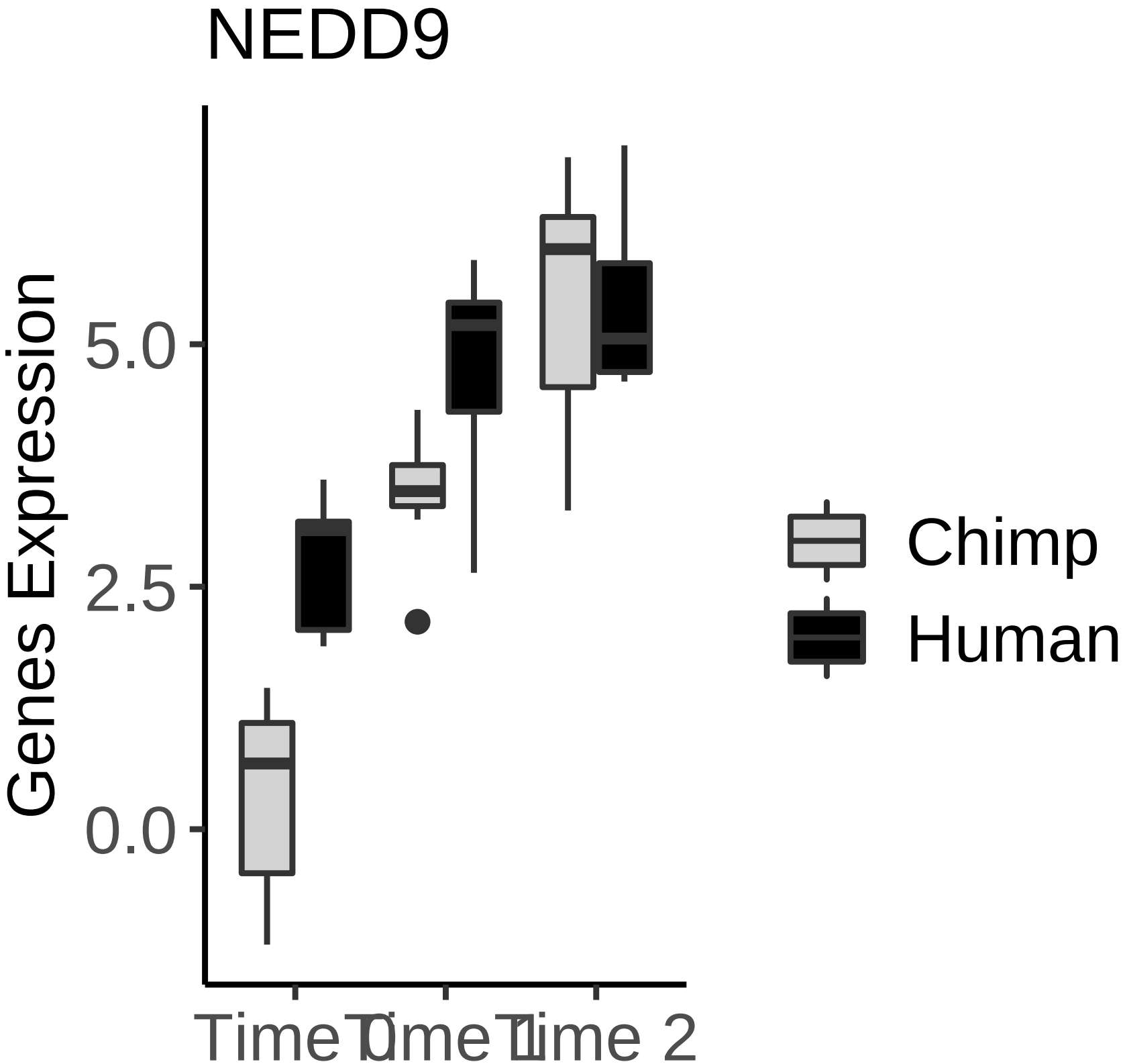
Genes Expression
6
4
2
Time 0
Time 1
Time 2
Chimp
Human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0.0
Time 0
Time 1
Time 2
Chimp
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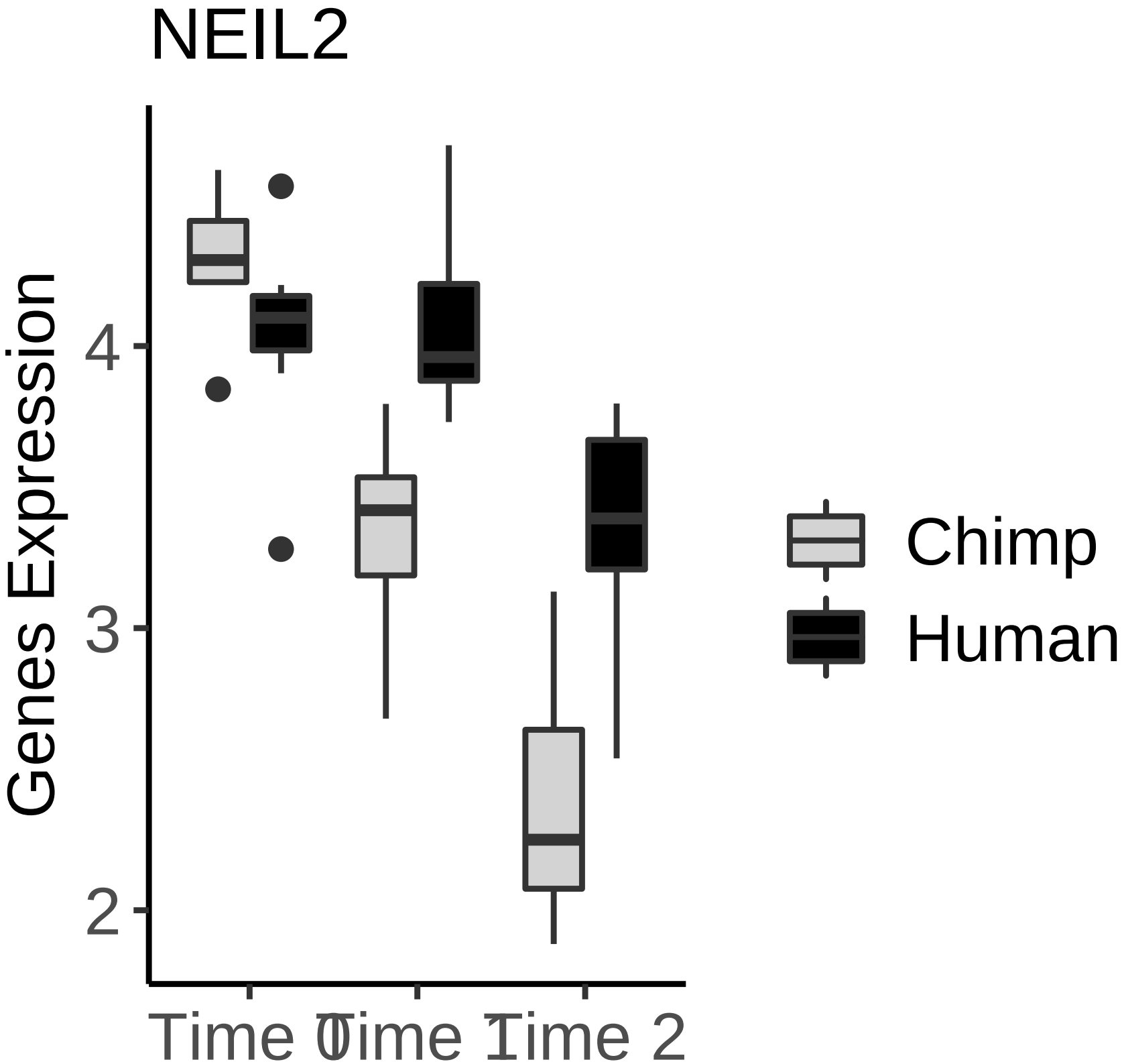
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Genes Expression
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3
2
Time 0
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Time 2
Chimp
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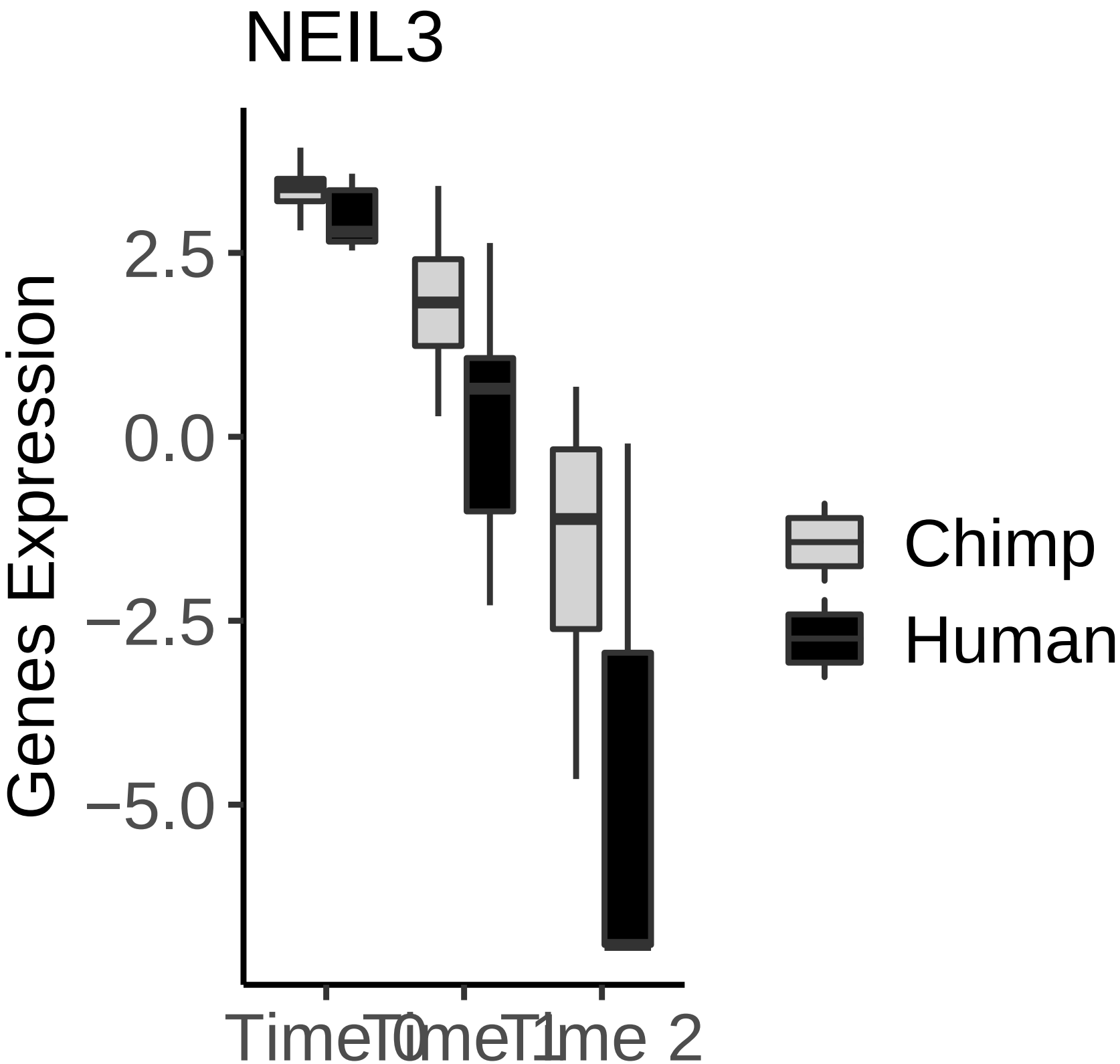
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Time 0
Time 1
Time 2
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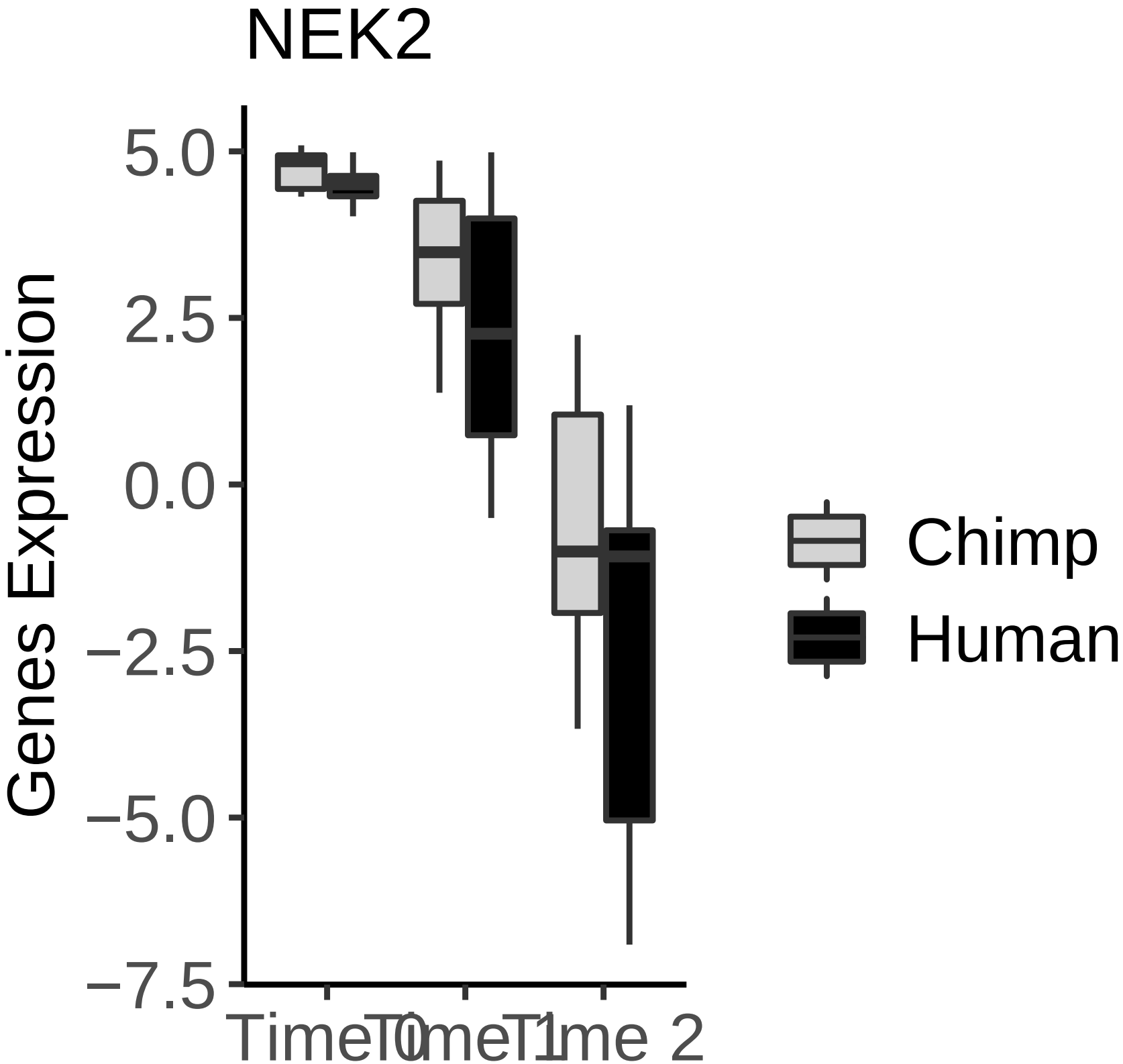
Human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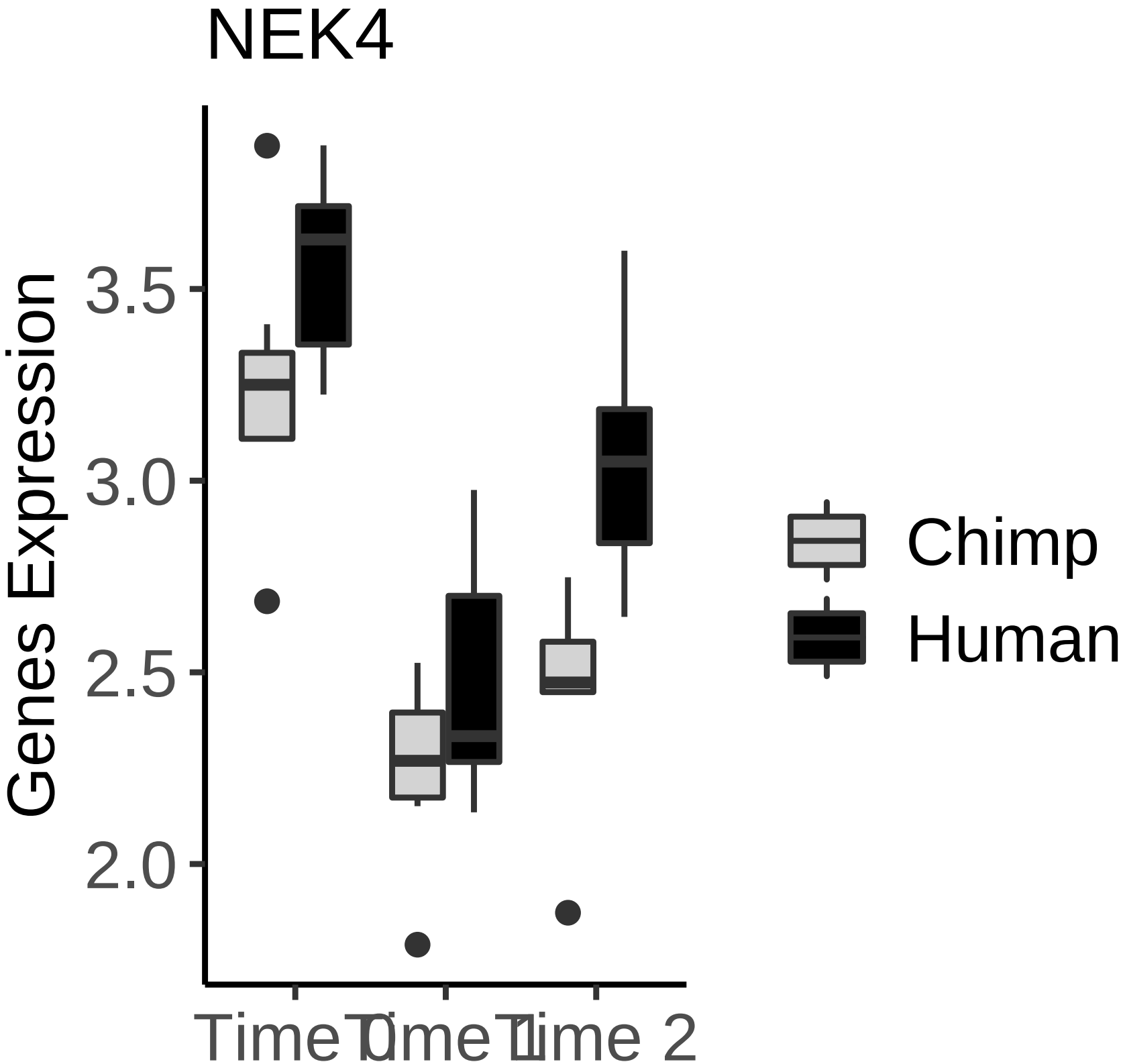
−7.5
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
3.5
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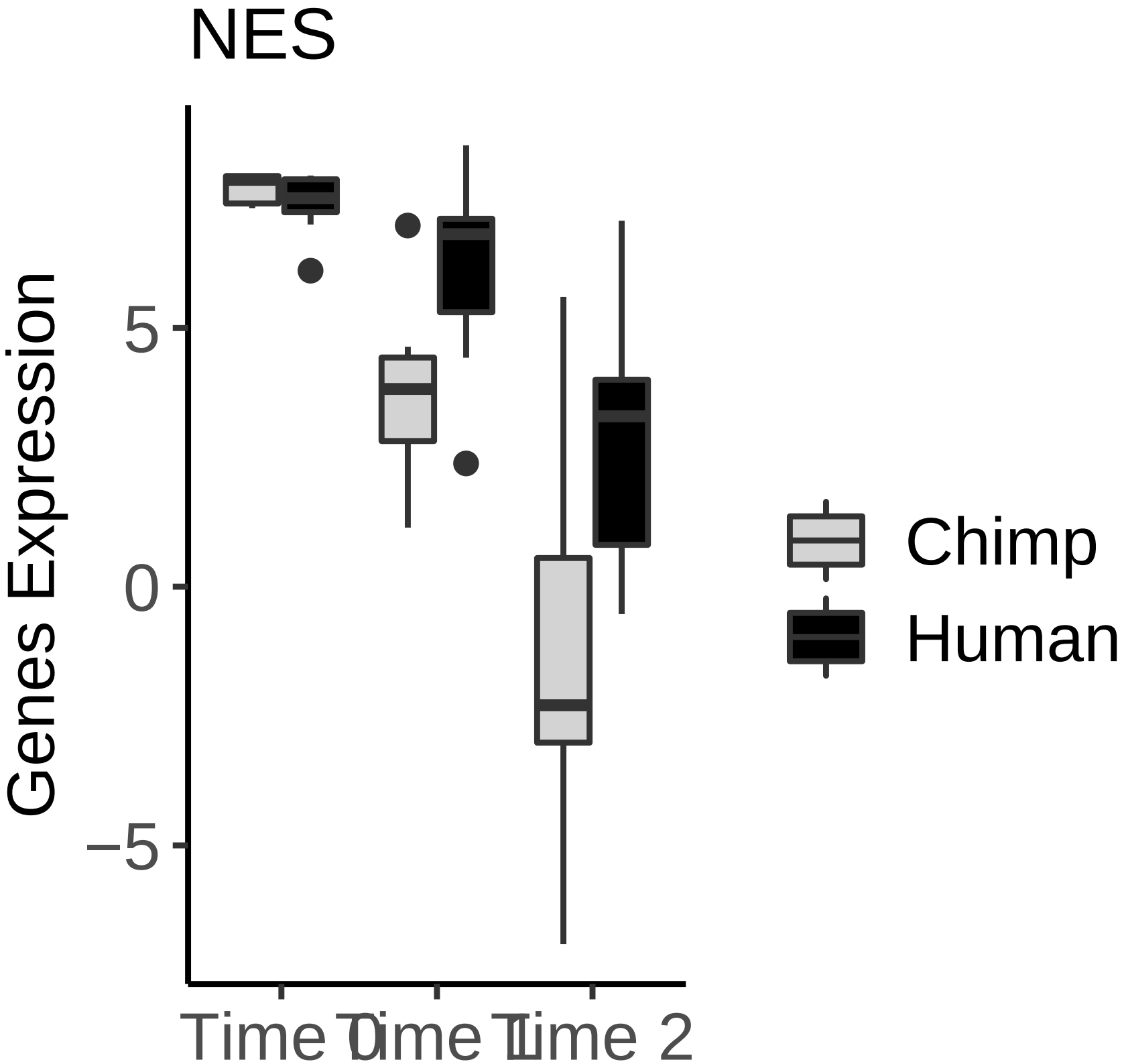
2.5
2.0
Time 0
Time 1
Time 2
Chimp
Human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Time 1
Time 2
Chimp
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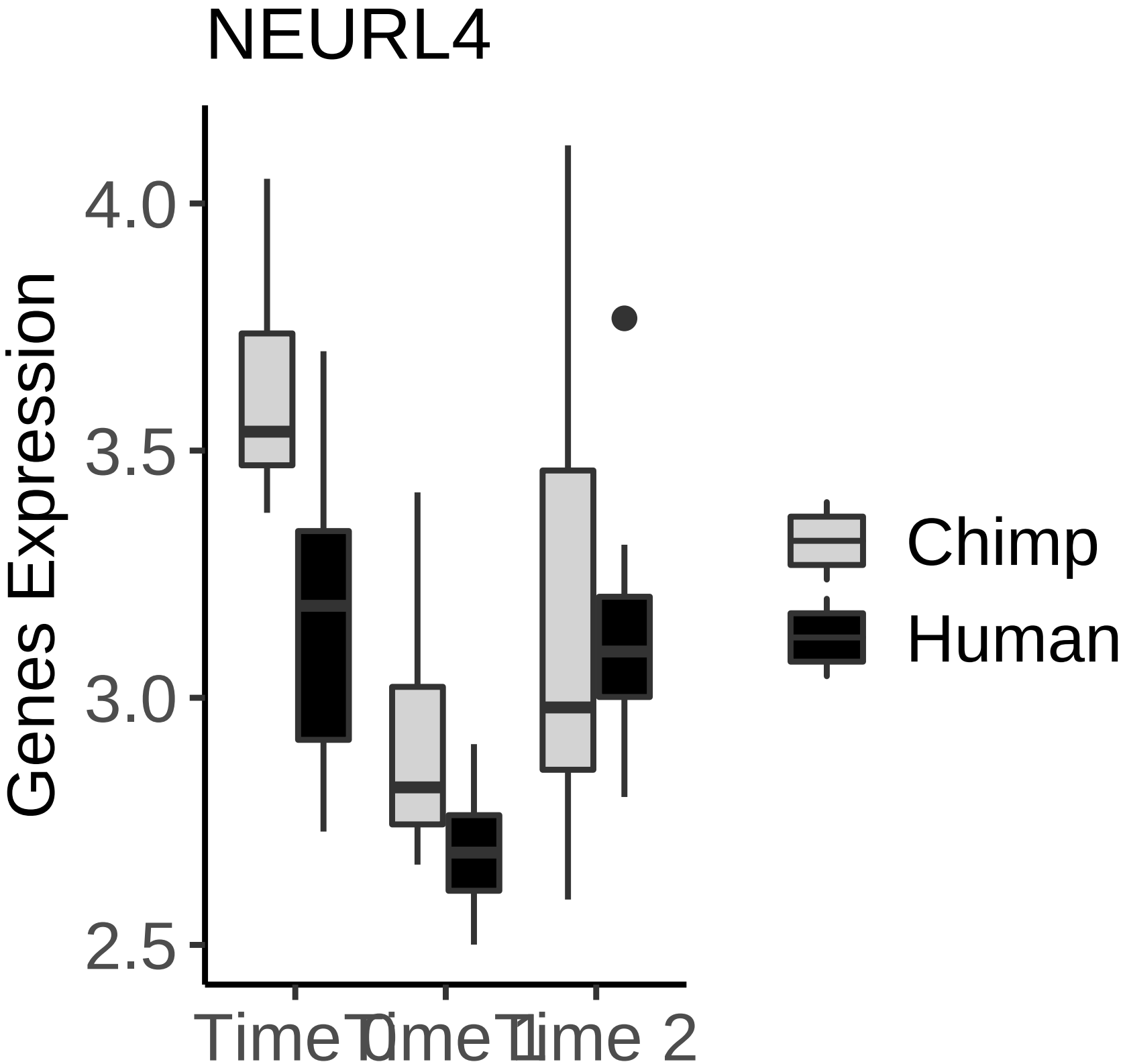
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2.5
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Time 1
Time 2
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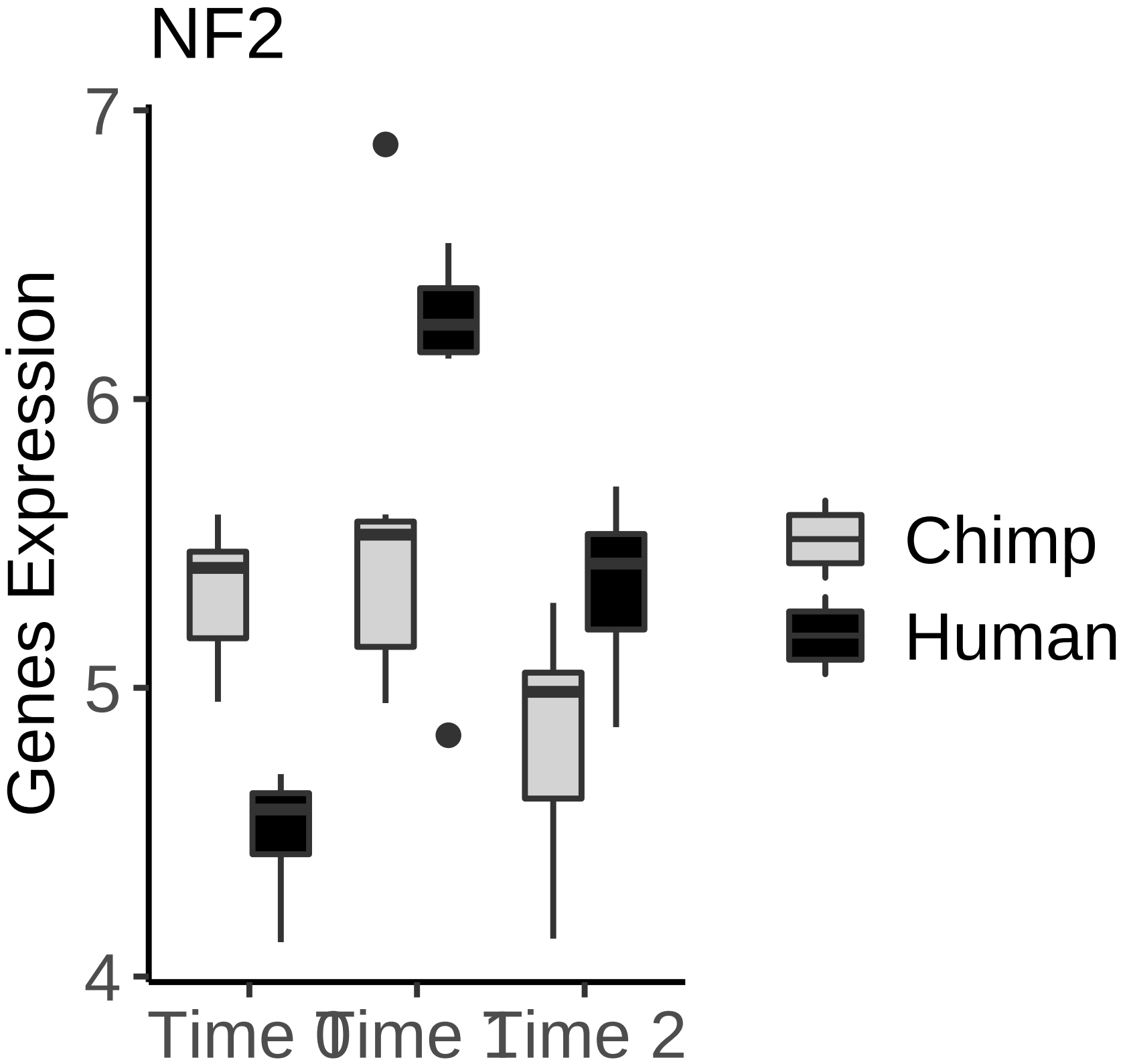
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4
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Time 1
Time 2
Chimp
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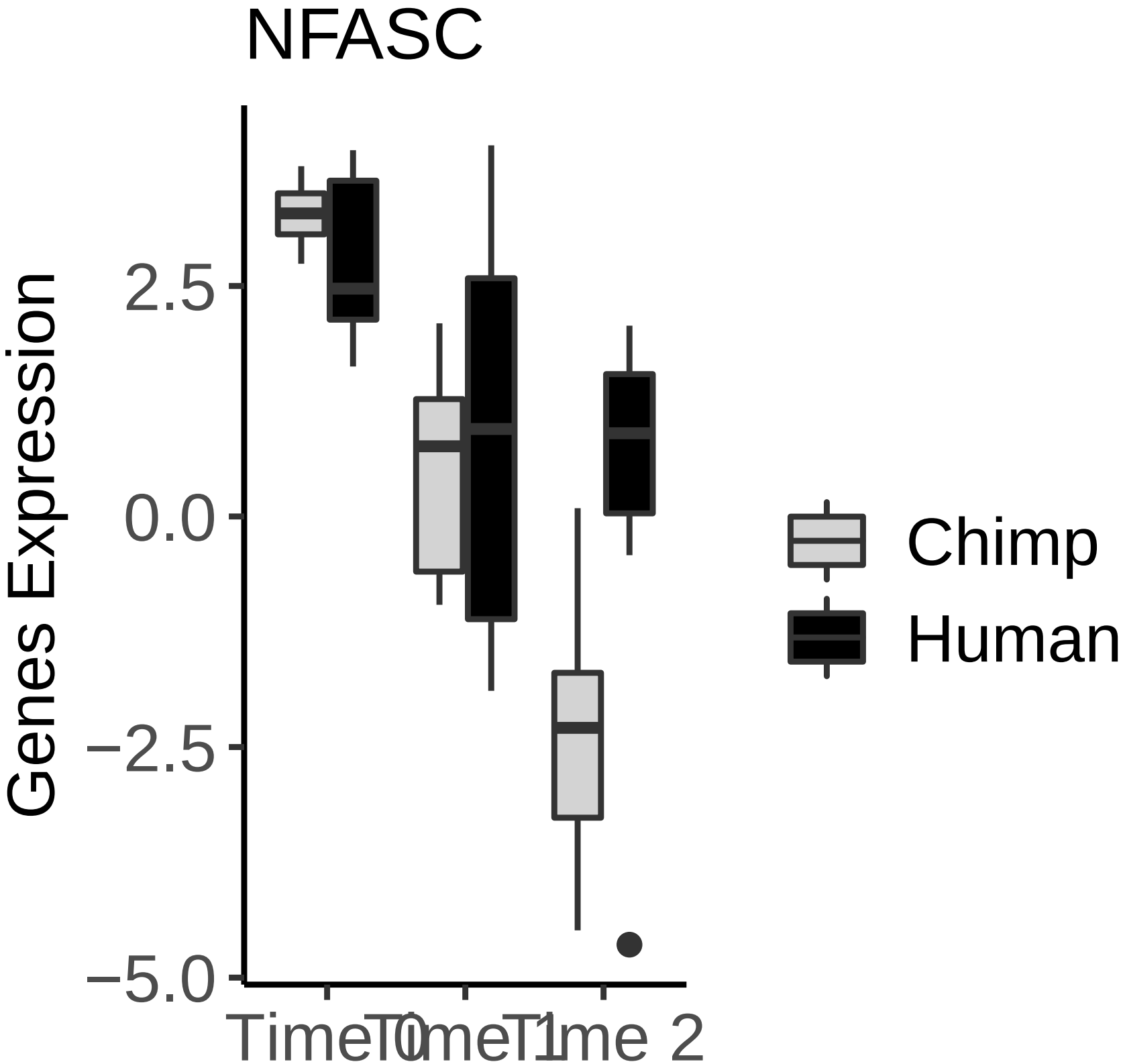
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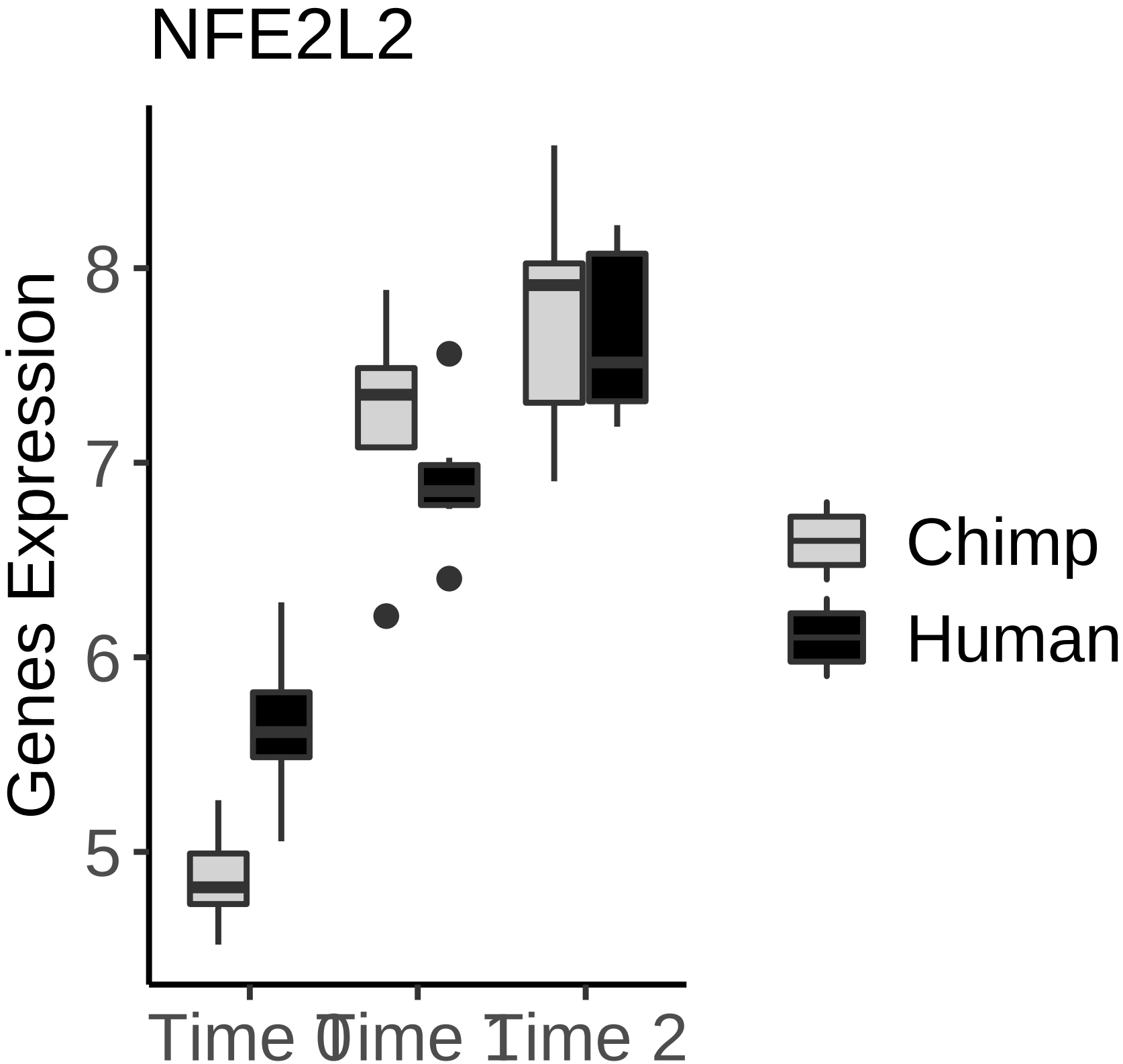
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5
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Time 1
Time 2
Chimp
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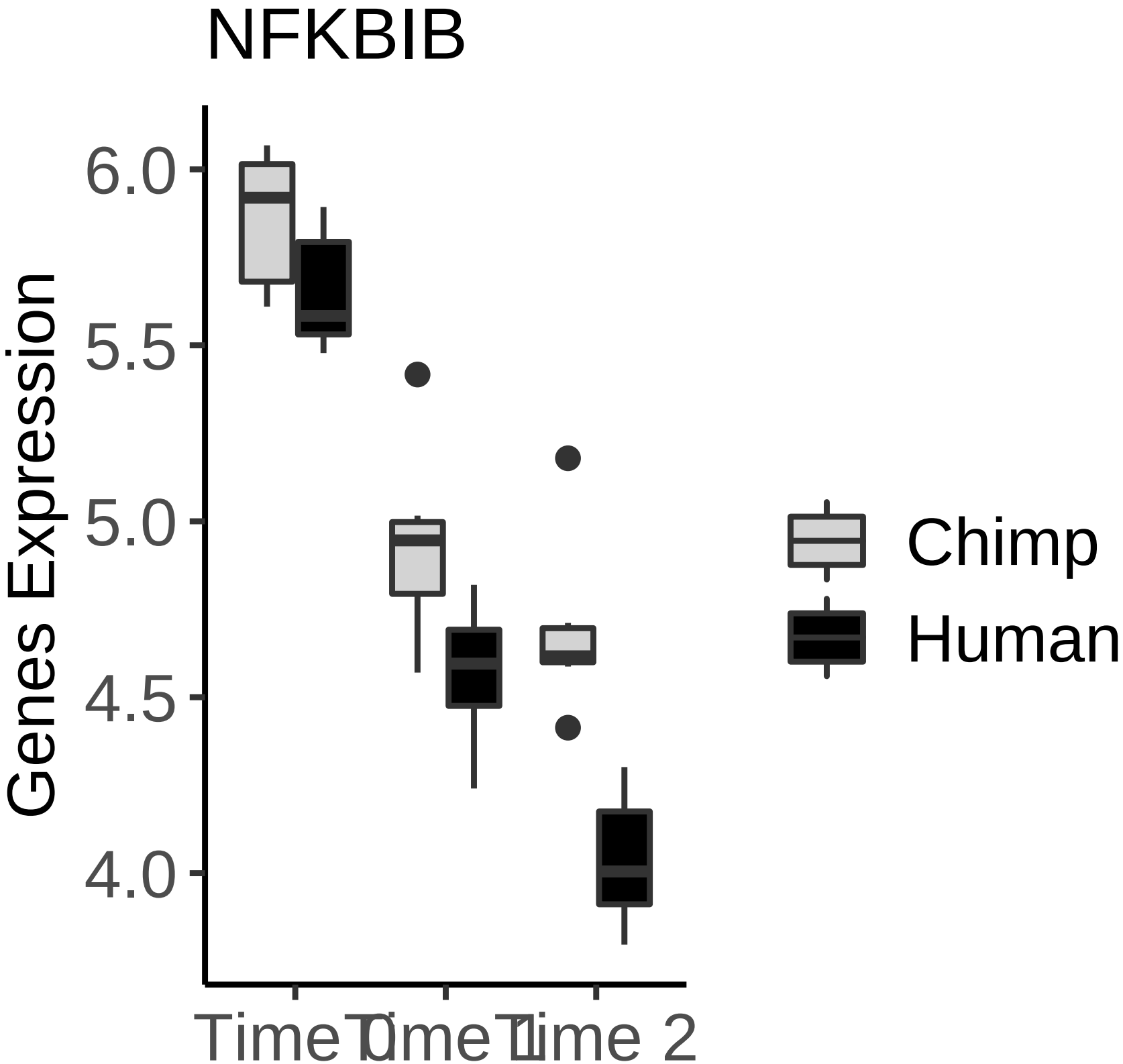
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4.0
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Time 2
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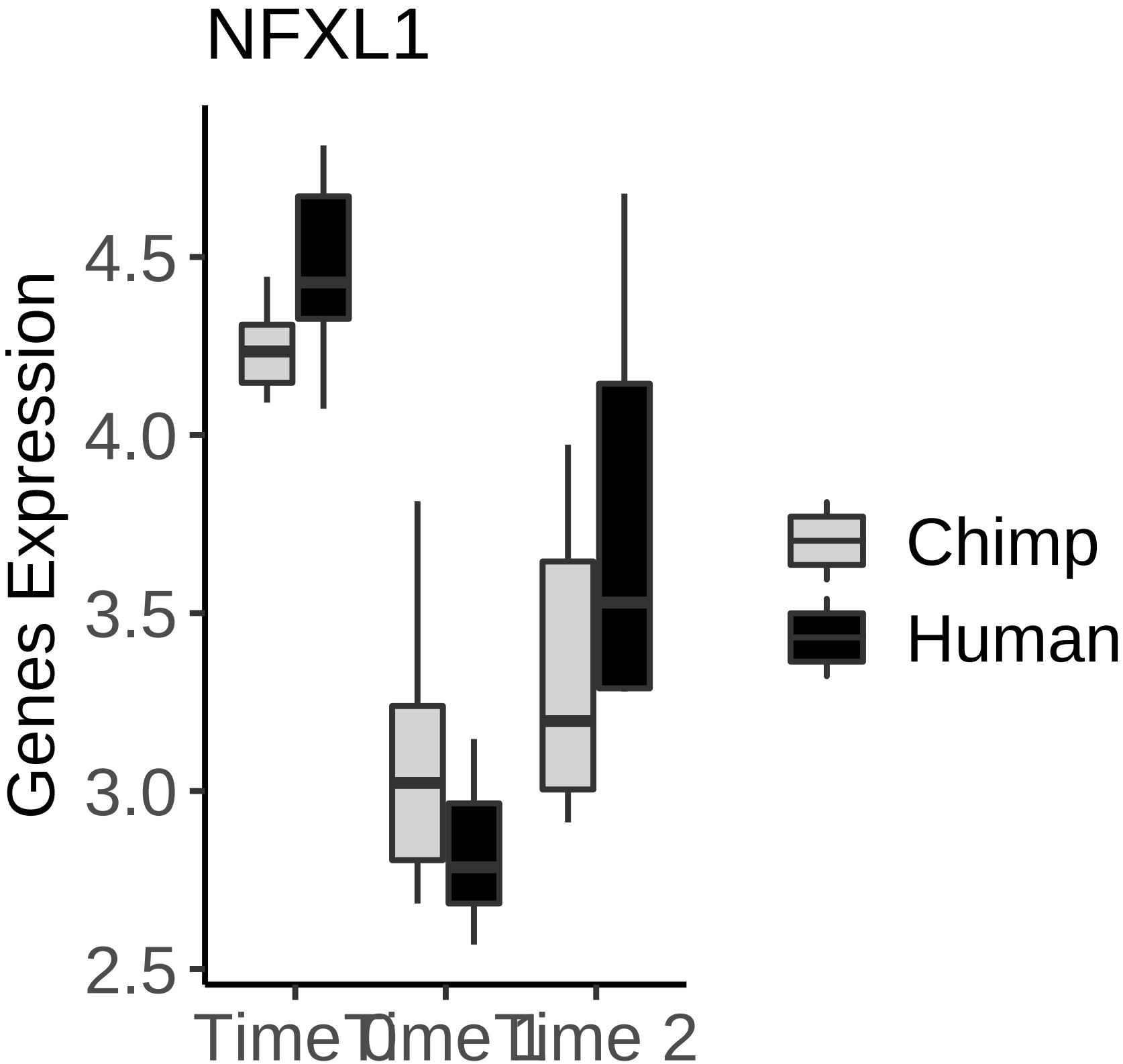
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Time 1
Time 2
Chimp
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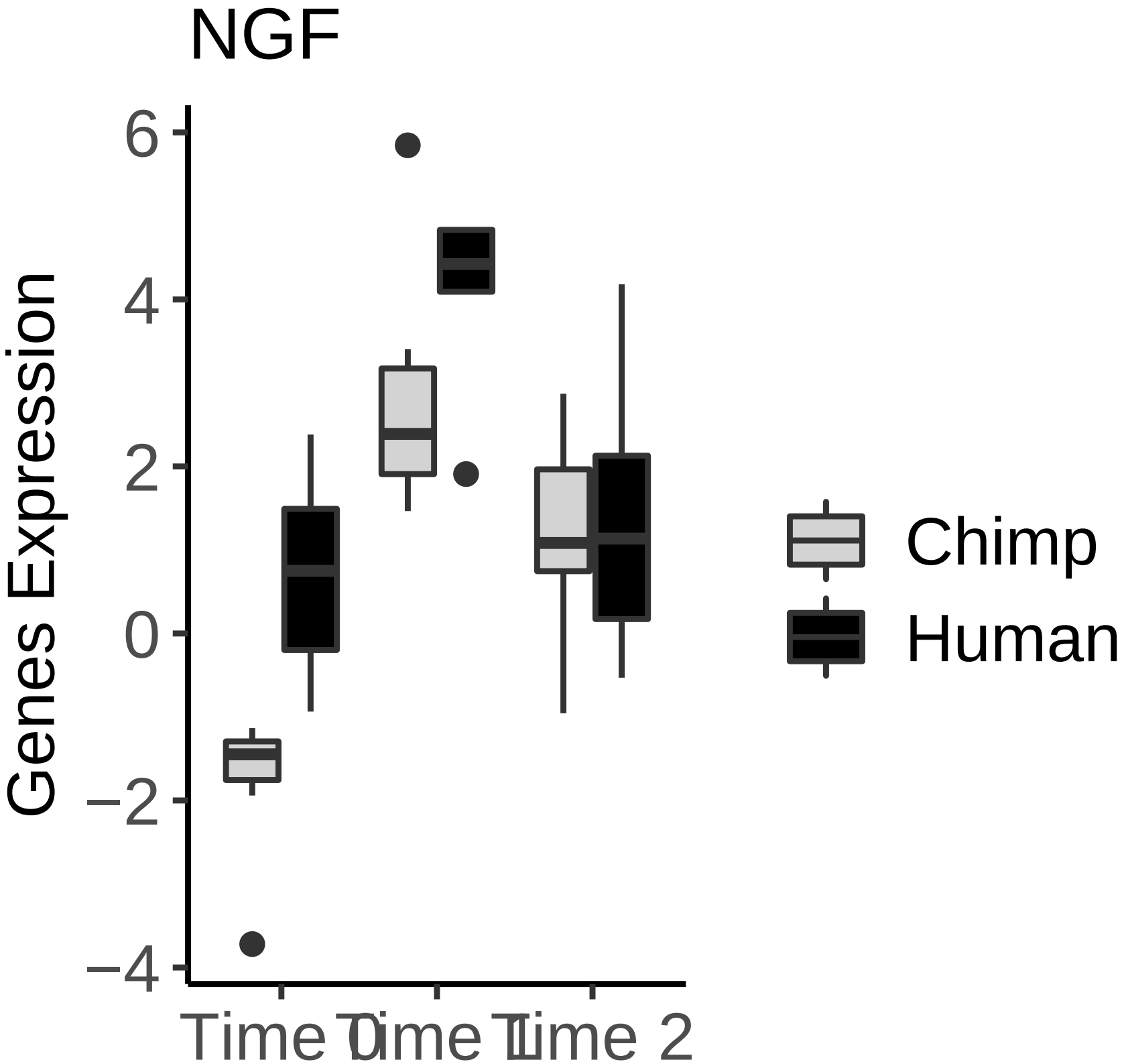
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Genes Expression
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Time 1
Time 2
Chimp
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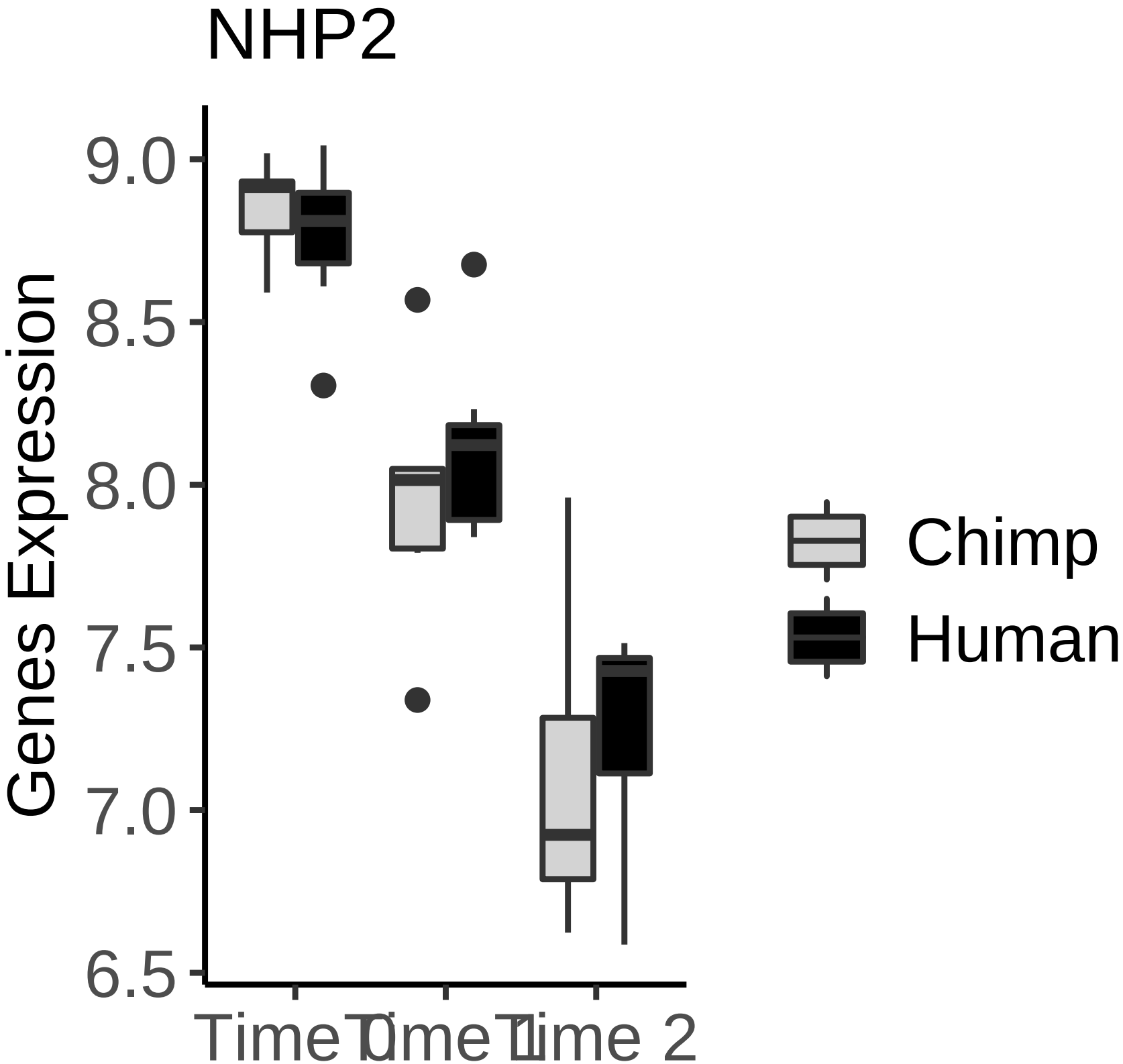
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Genes Expression
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7.5
7.0
6.5
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Time 1
Time 2
Chimp
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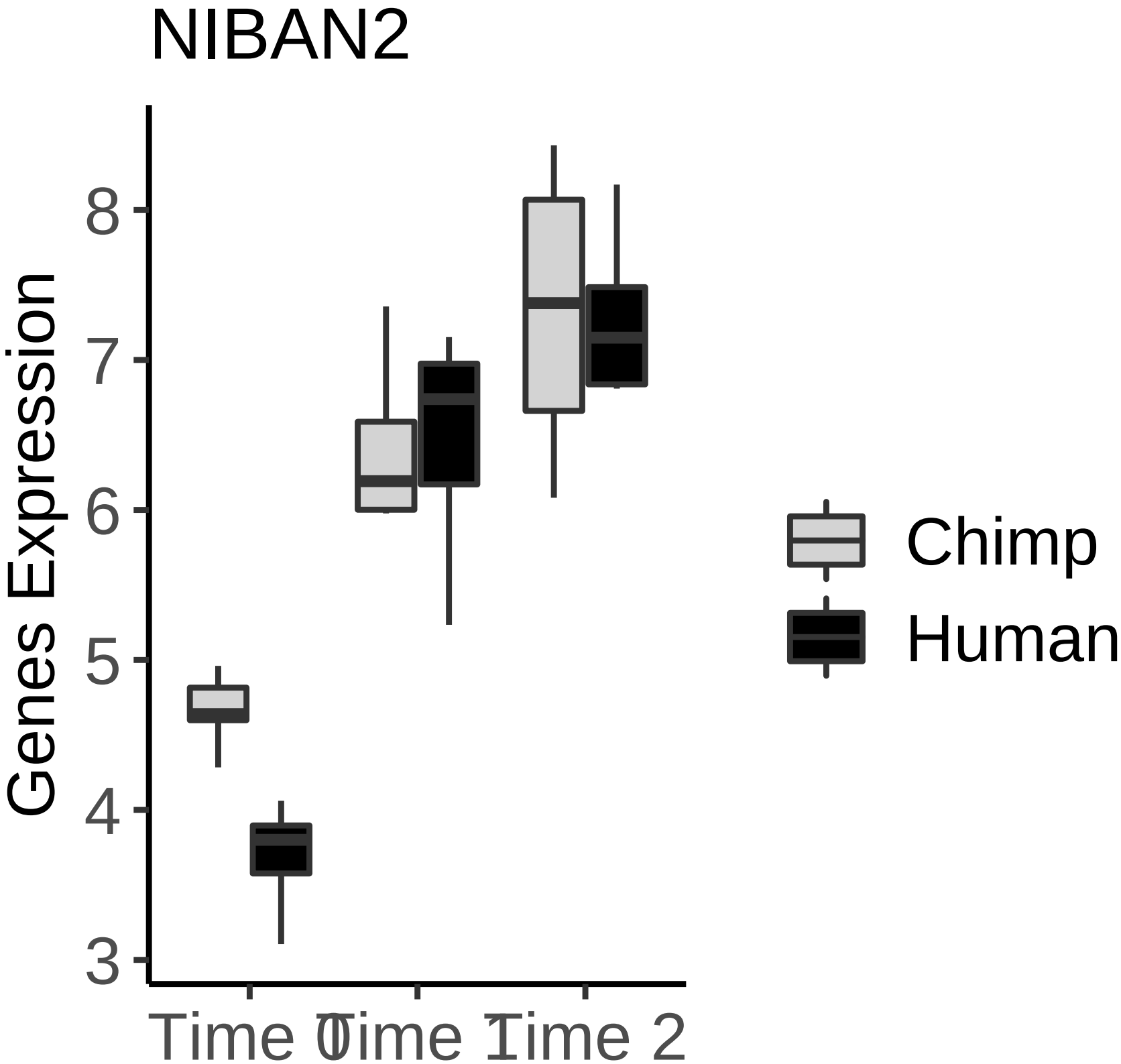
NIBAN2
Genes Expression
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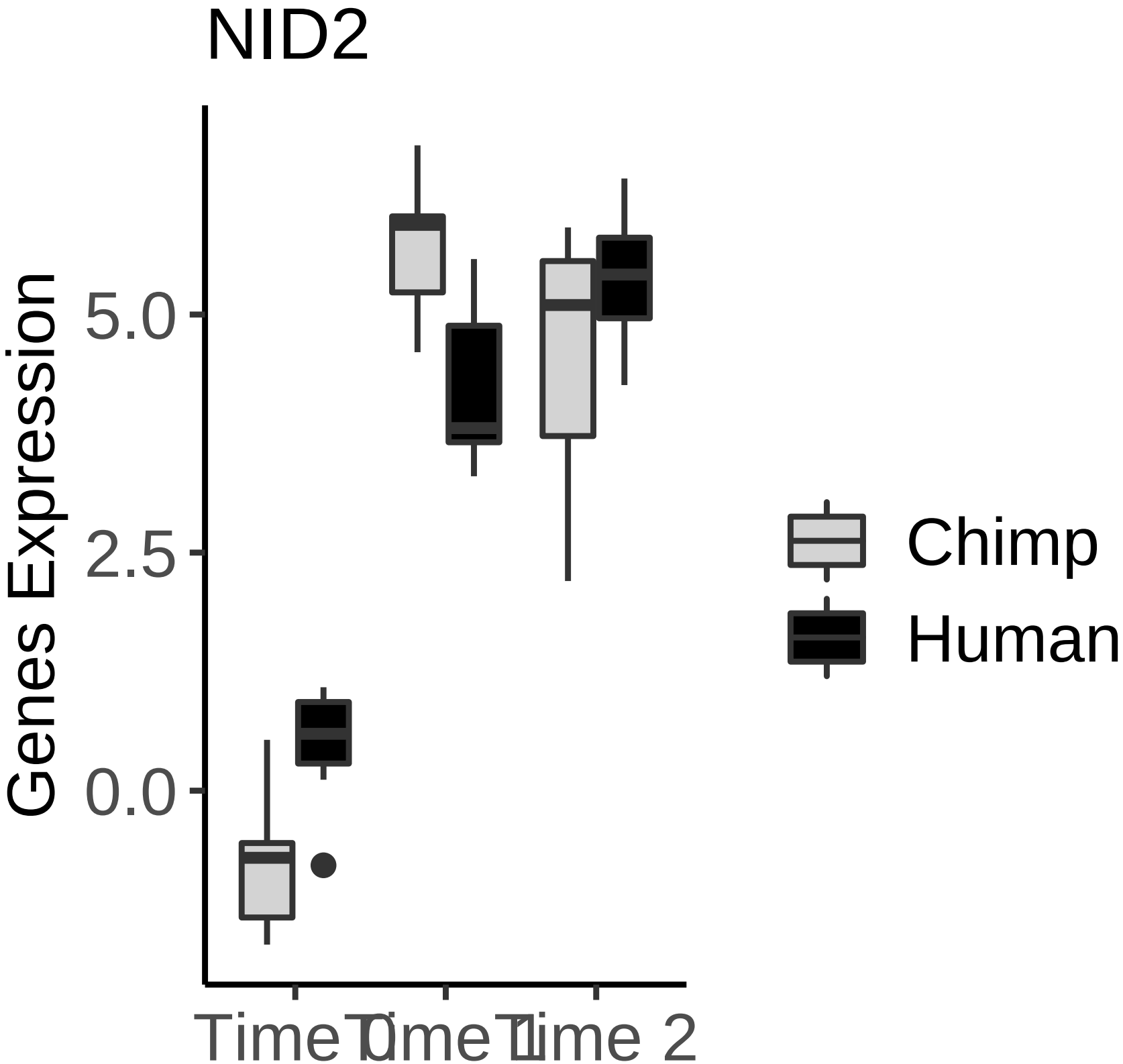
7
6
5
4
3
Time 0
Time 1
Time 2
Chimp
Human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Time 1
Time 2
Chimp
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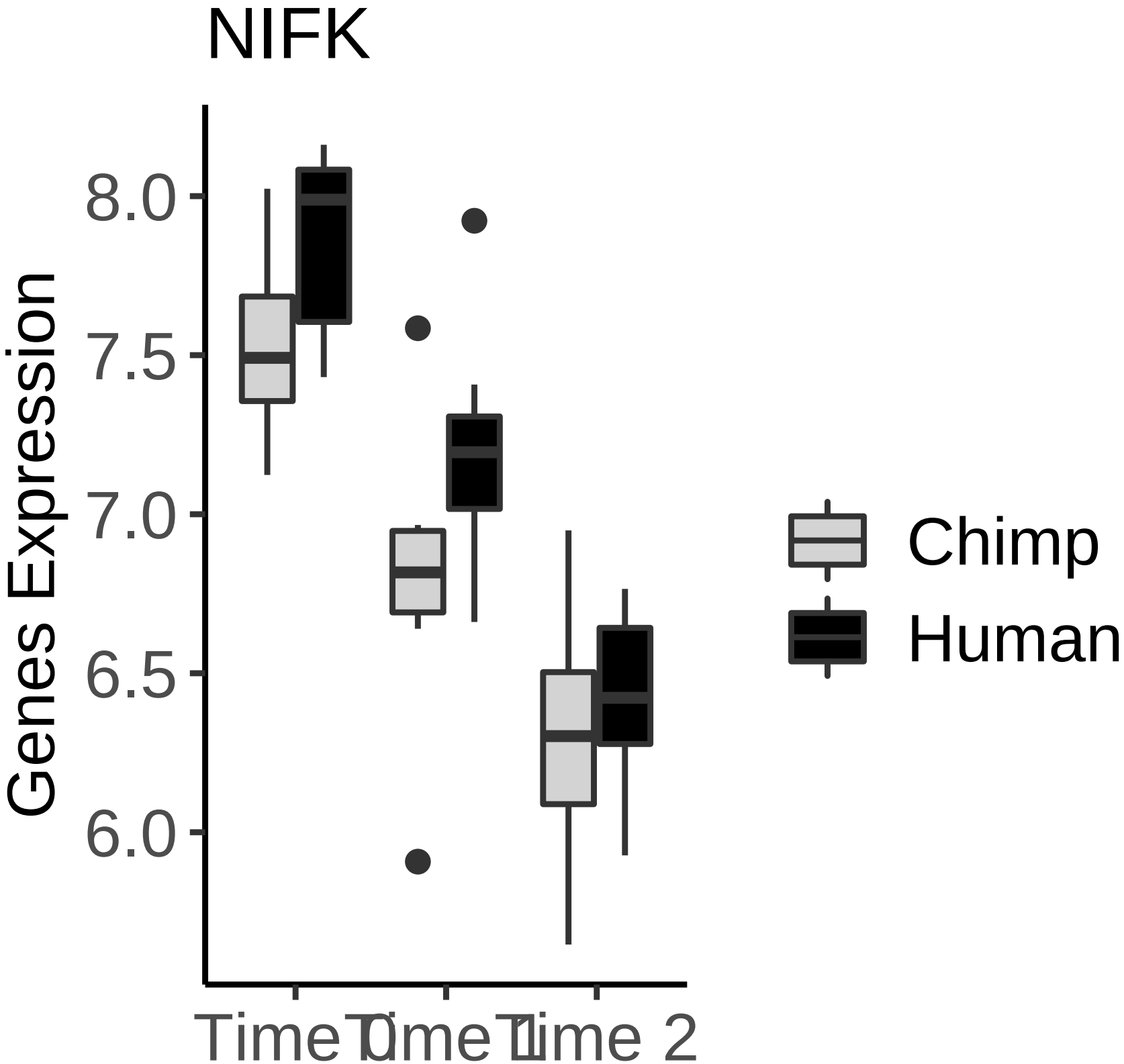
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6.0
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Time 1
Time 2
Chimp
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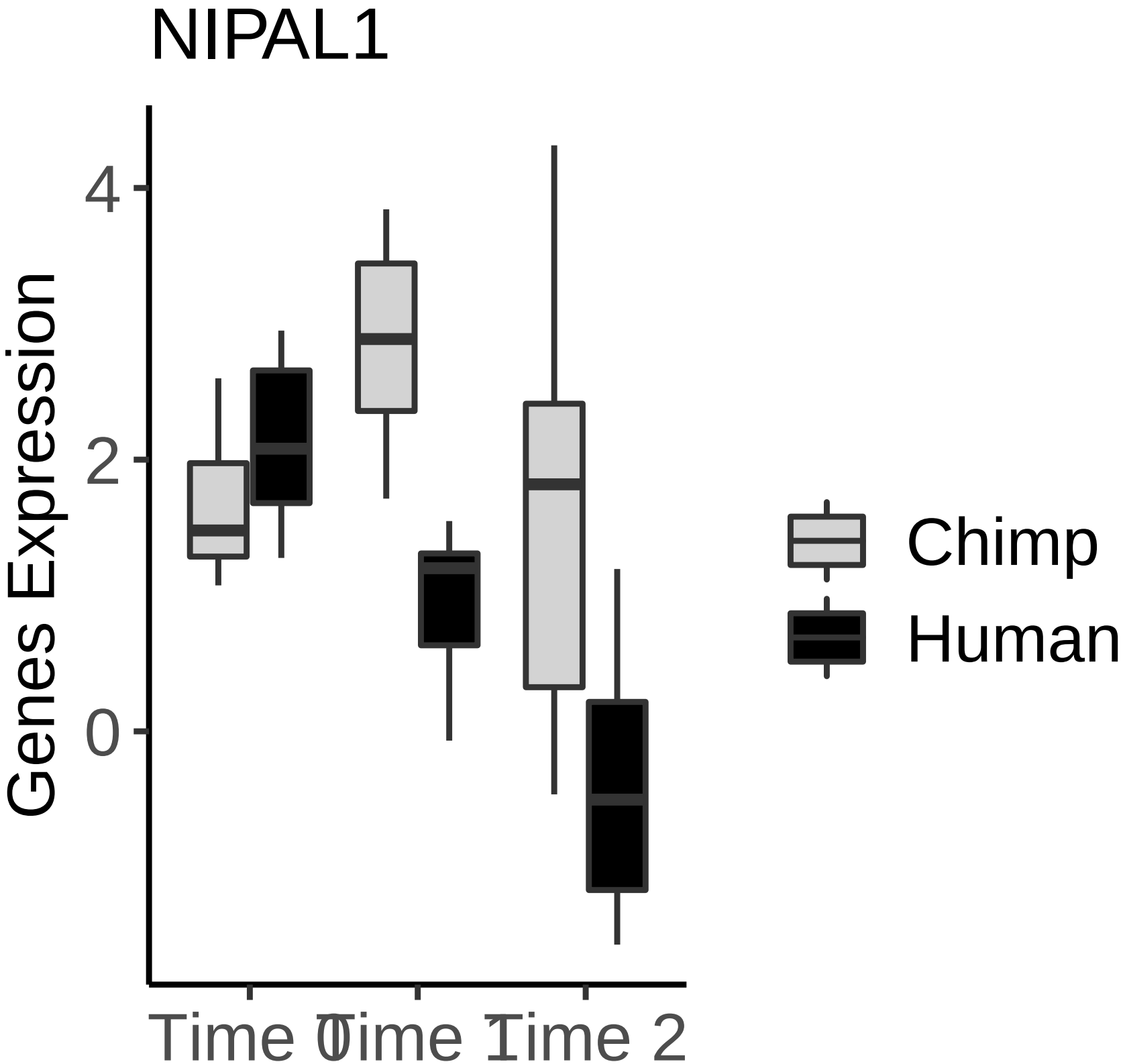
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Genes Expression
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2
0
Time 0
Time 1
Time 2
Chimp
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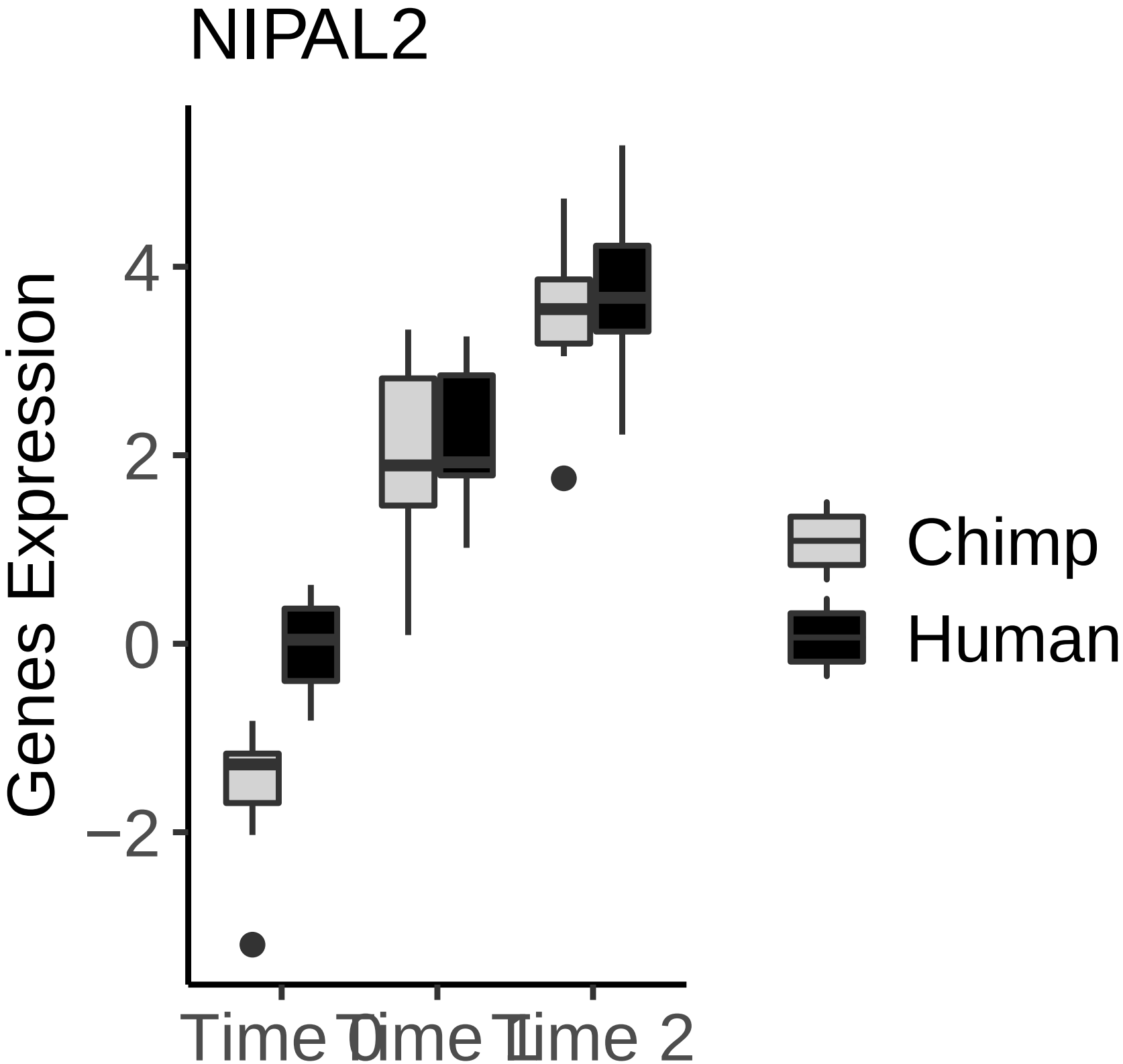
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2
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−2
Time 0
Time 1
Time 2
Chimp
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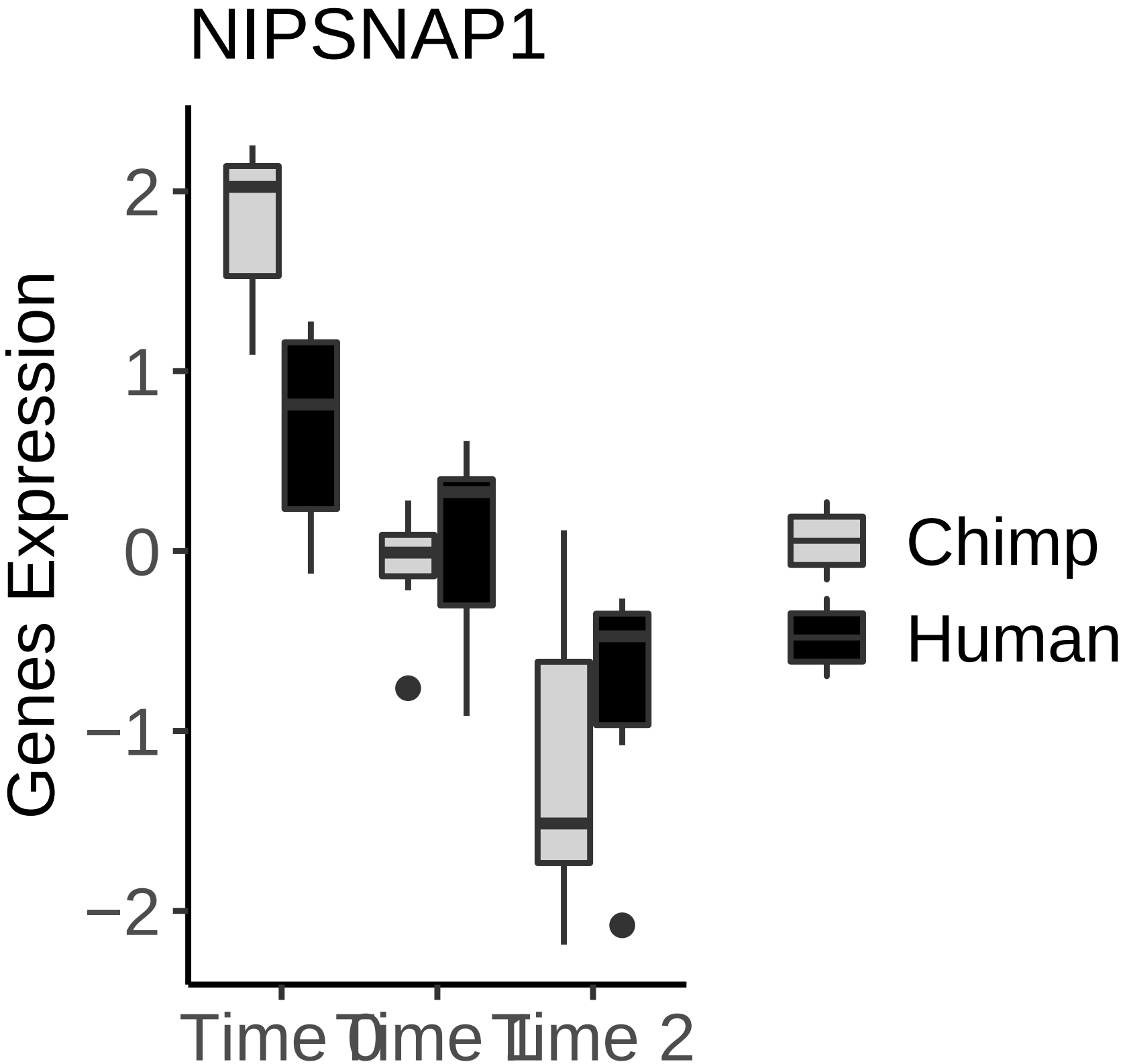
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2
1
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−1
−2
Time 0
Time 1
Time 2
Chimp
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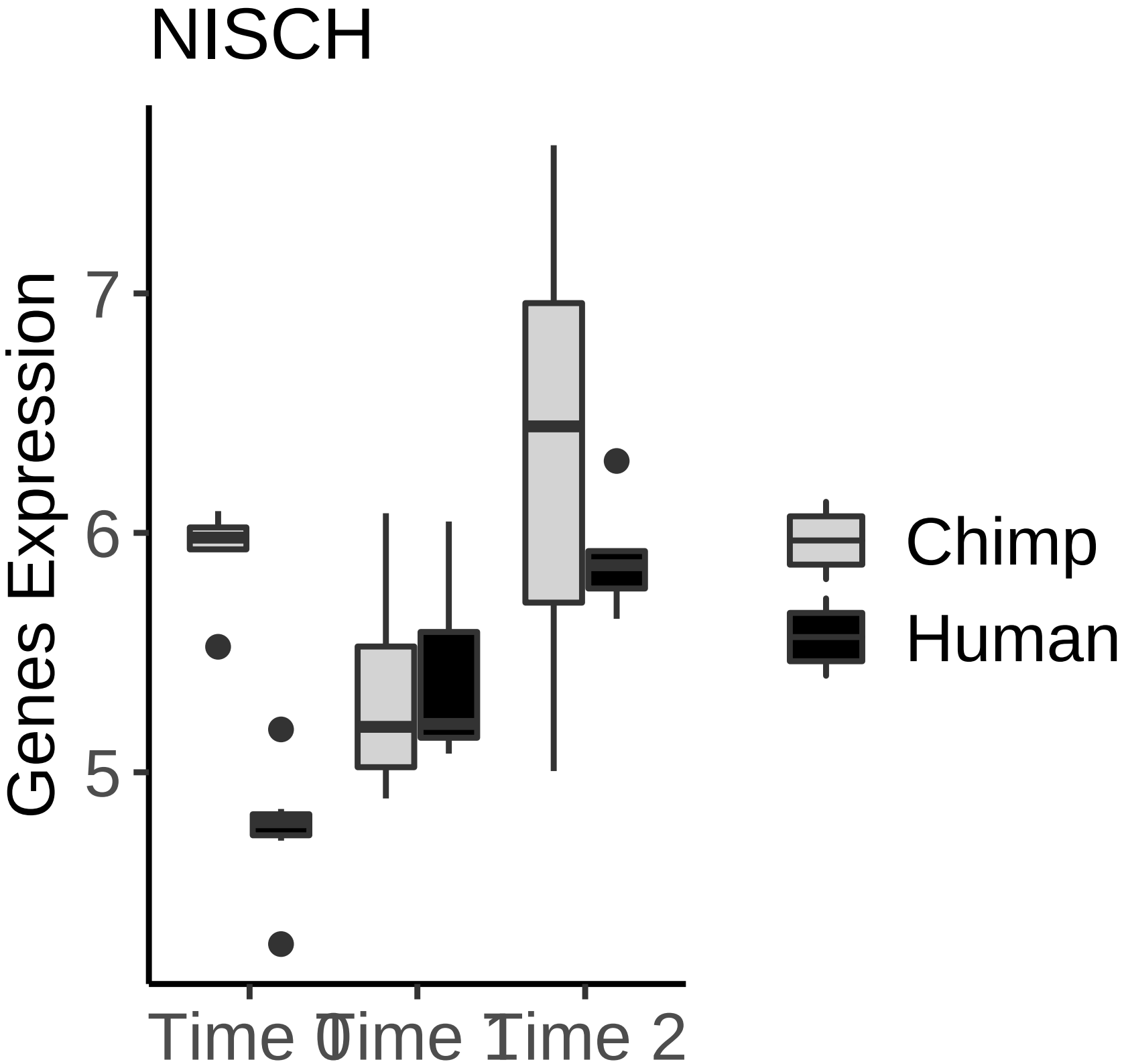
NISCH
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6
5
Time 0
Time 1
Time 2
Chimp
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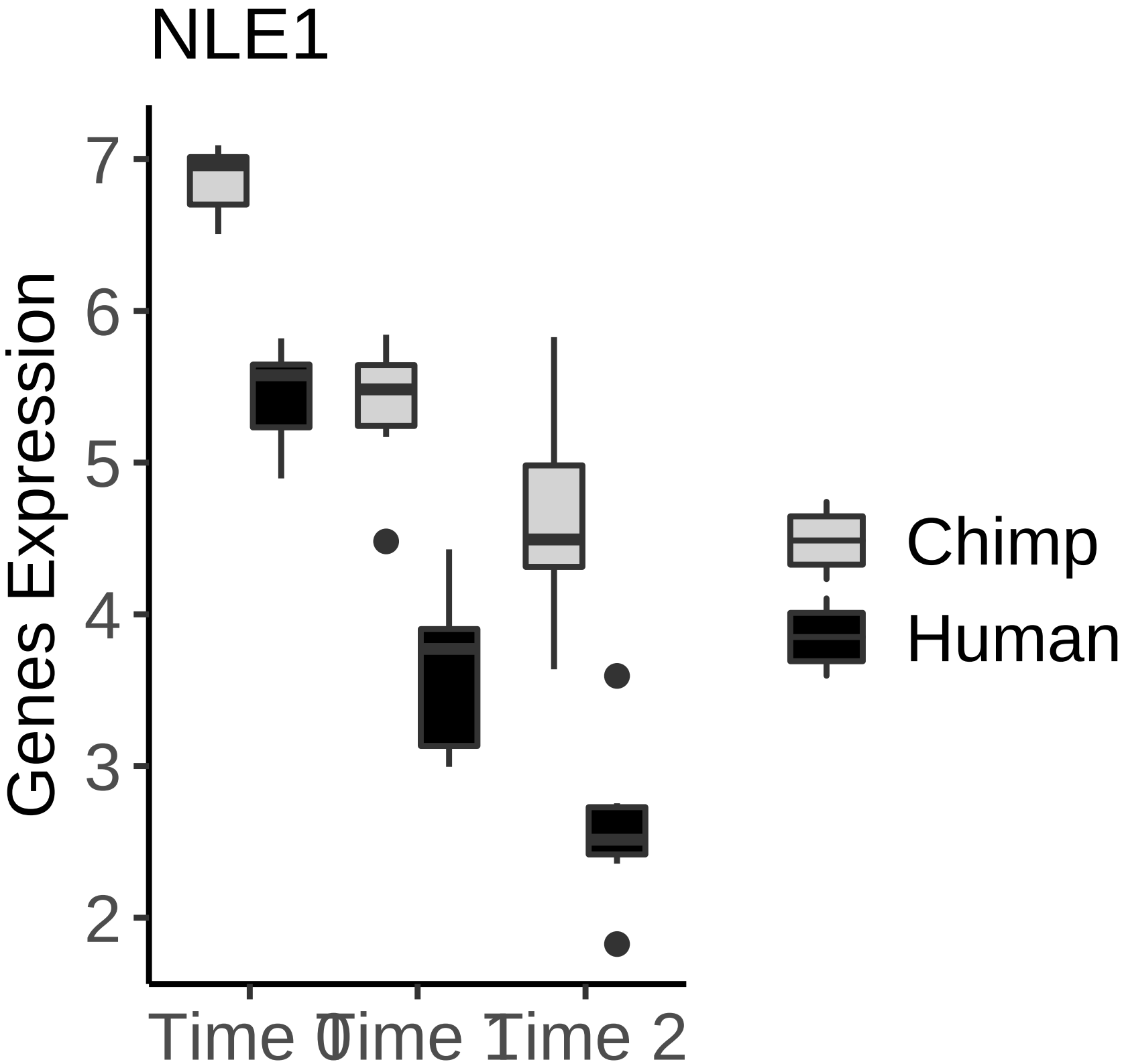
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Genes Expression
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4
3
2
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Time 2
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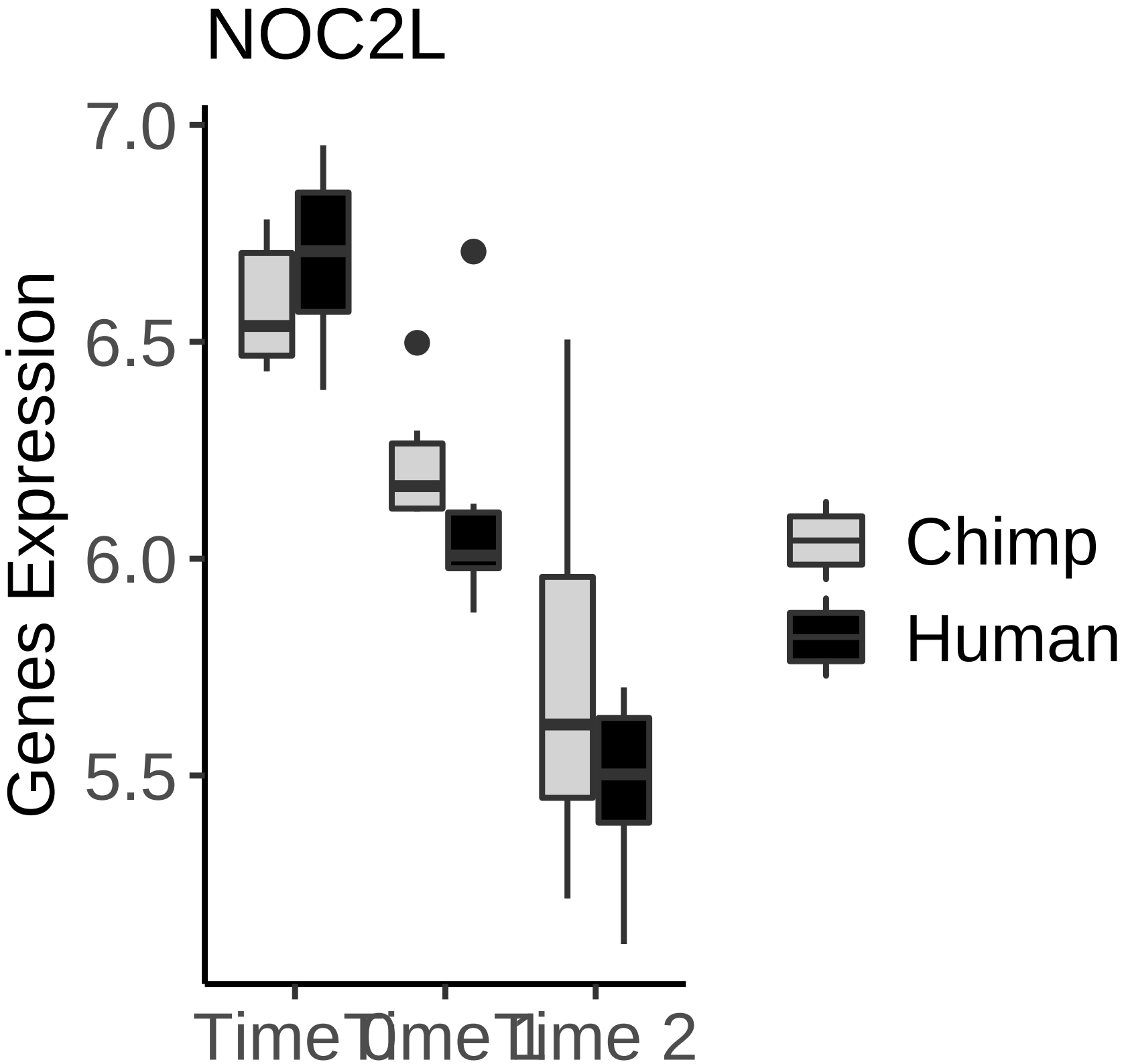
NOC2L
Genes Expression
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6.0
5.5
Time 0
Time 1
Time 2
Chimp
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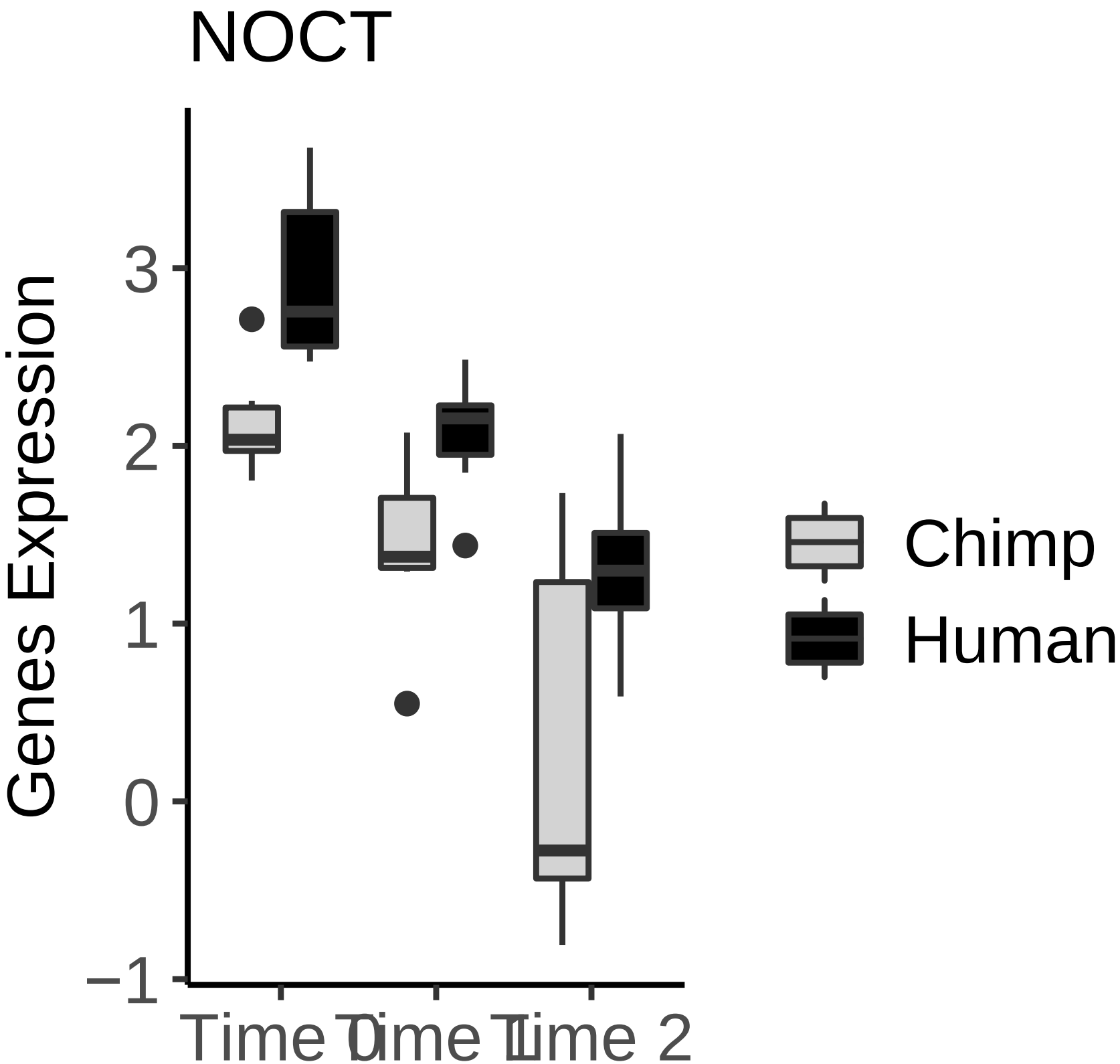
NOCT
Genes Expression
3
2
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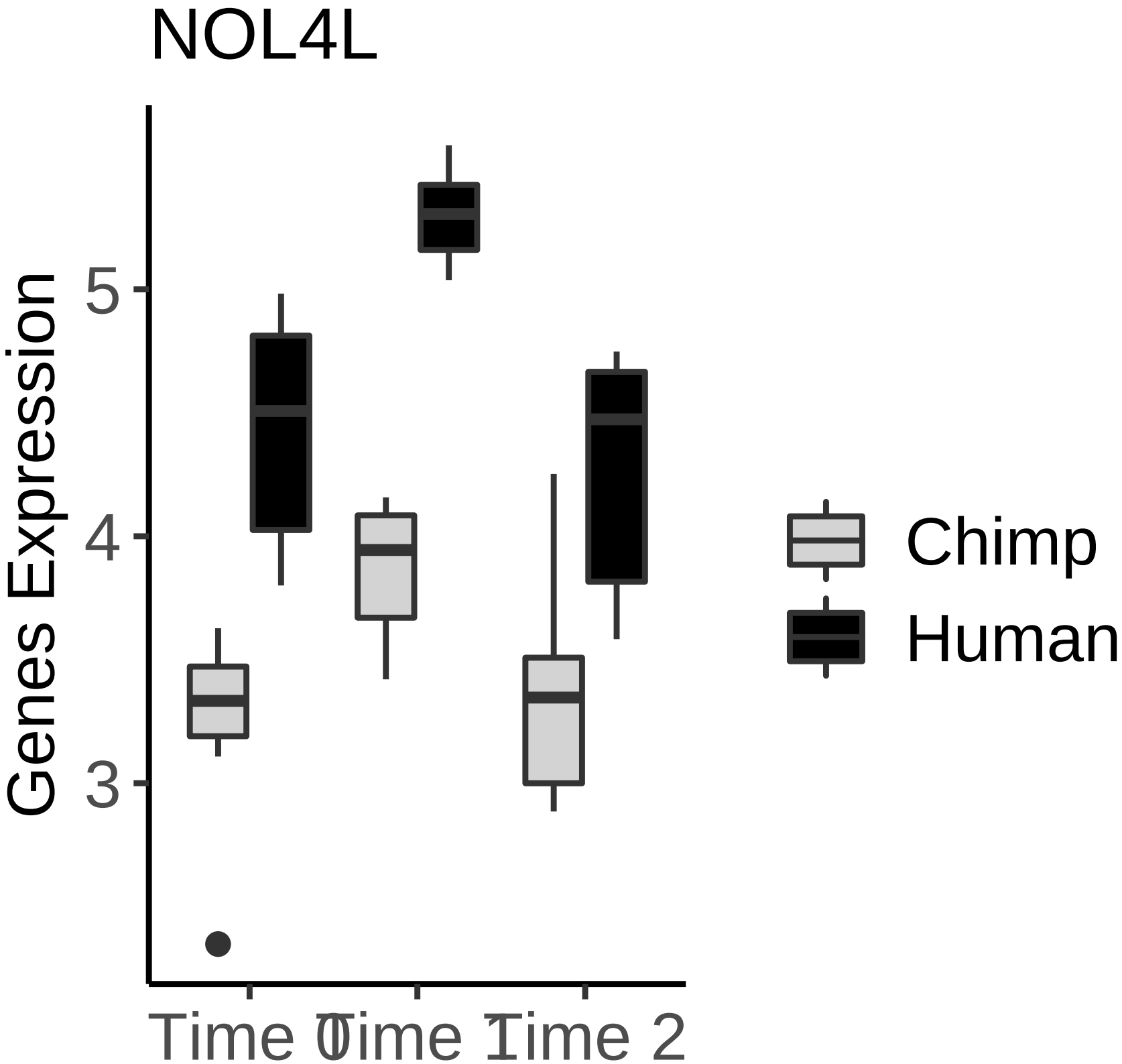
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
5
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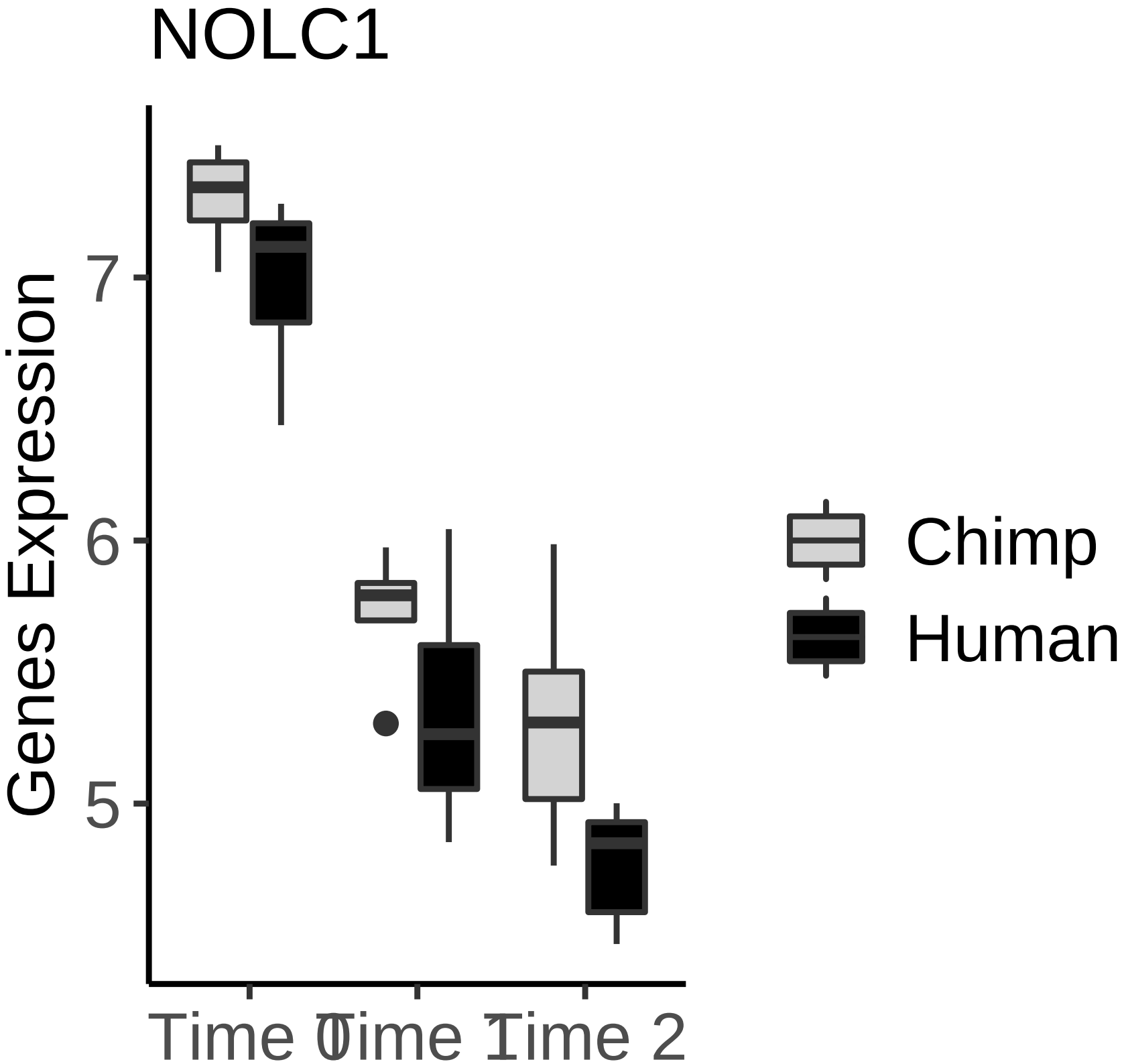
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Genes Expression
7
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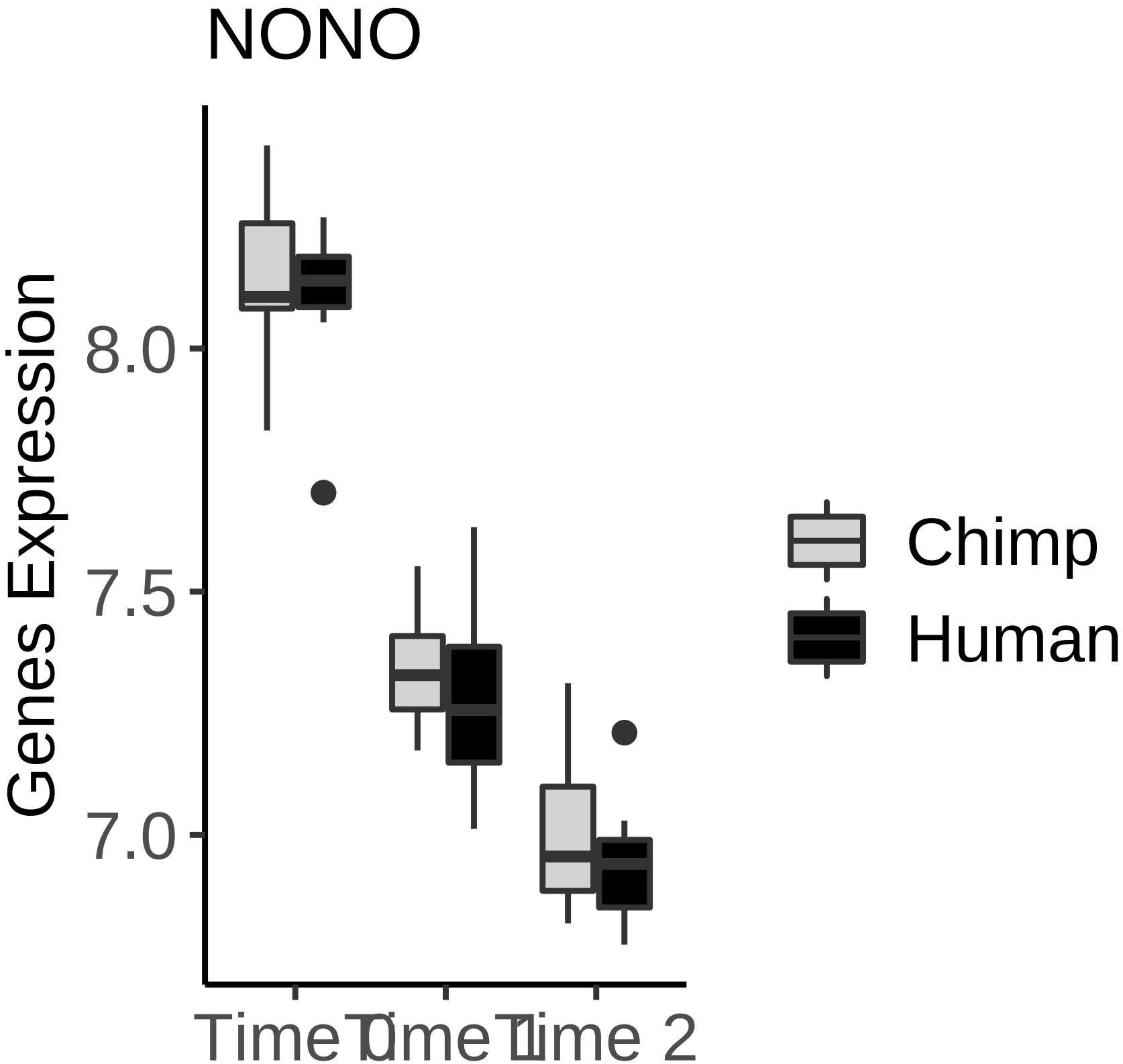
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8.0
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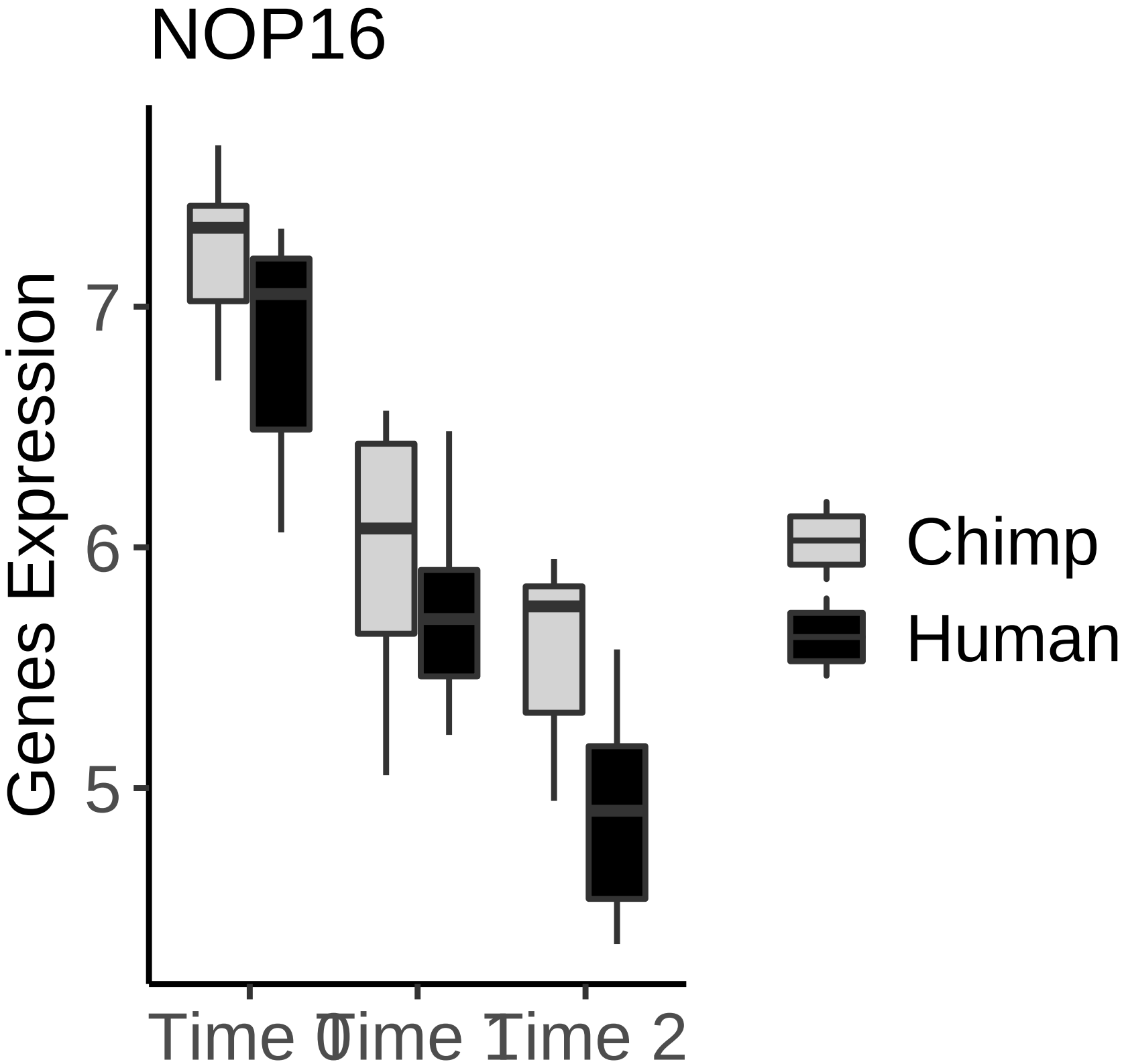
Time 0
Time 1
Time 2
Chimp
Human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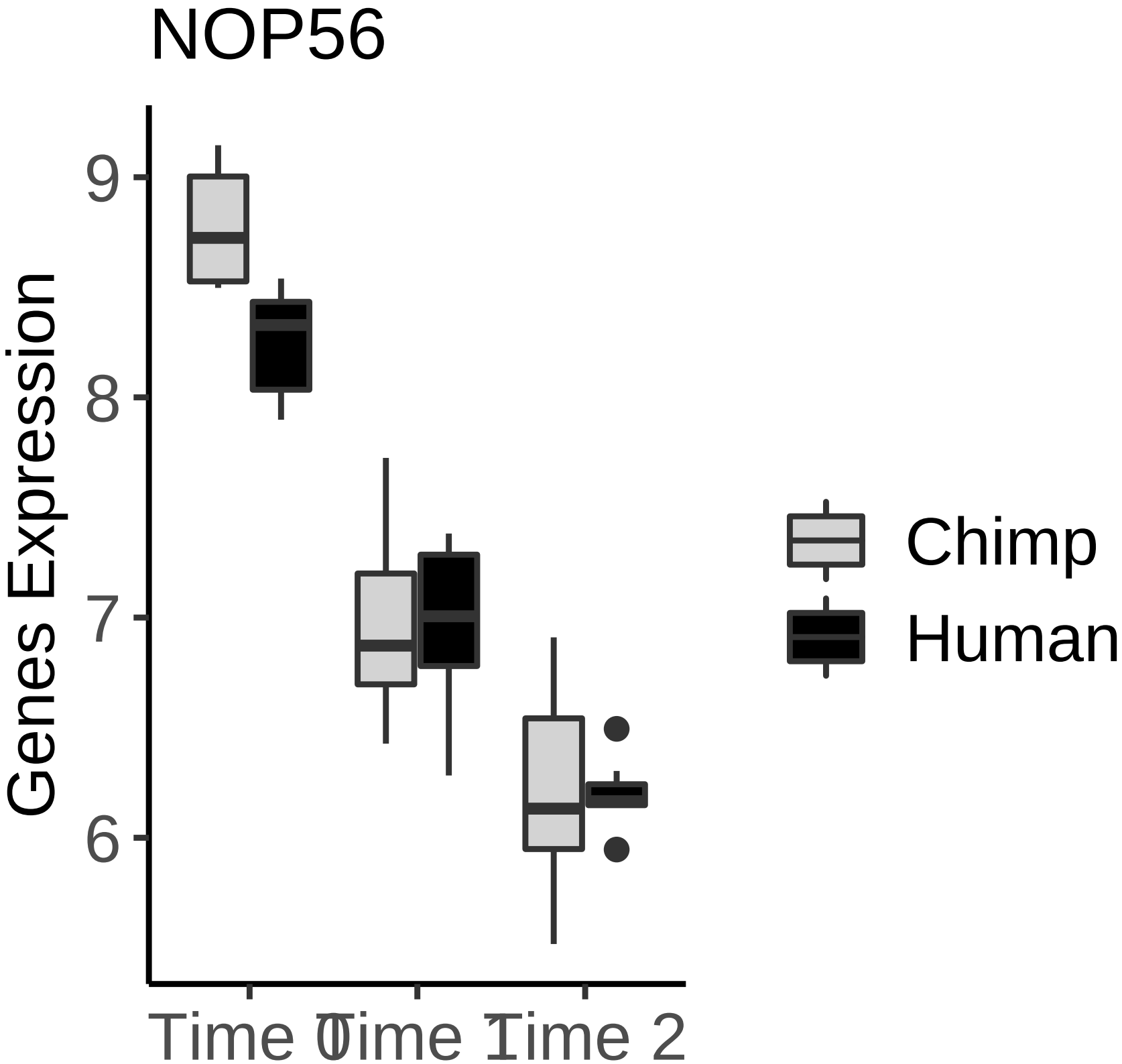
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8
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Chimp
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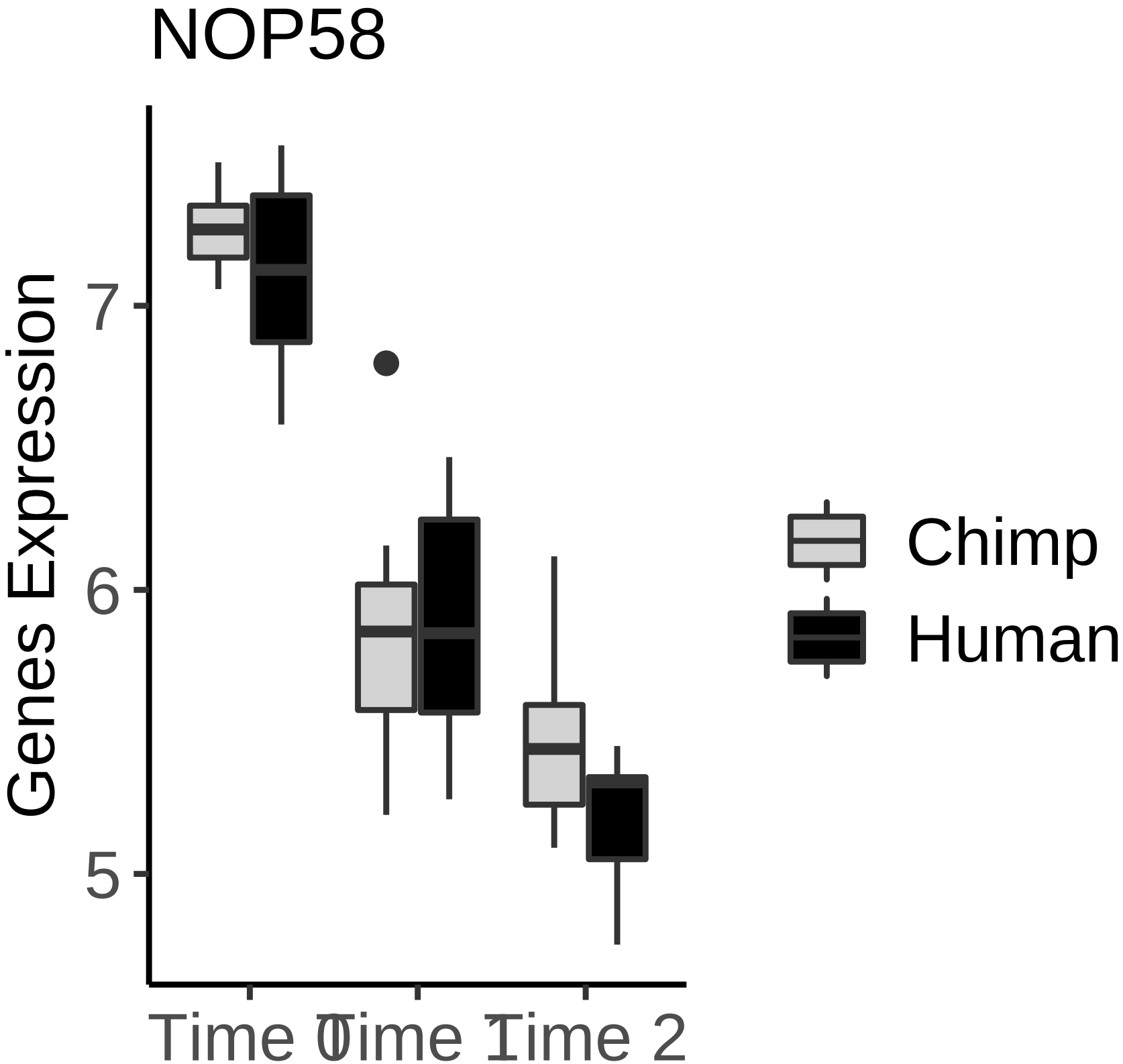
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Chimp
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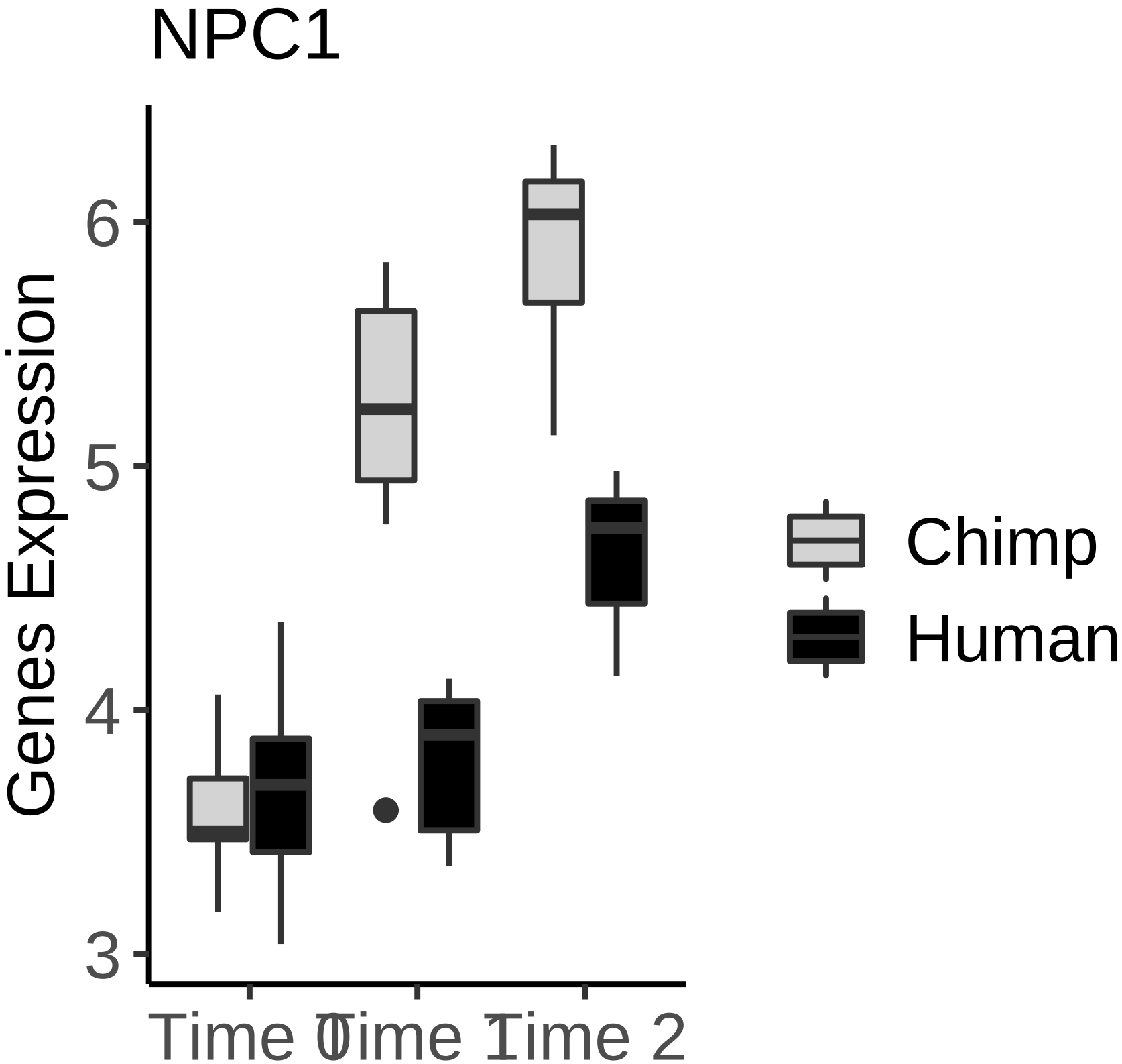
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Genes Expression
6
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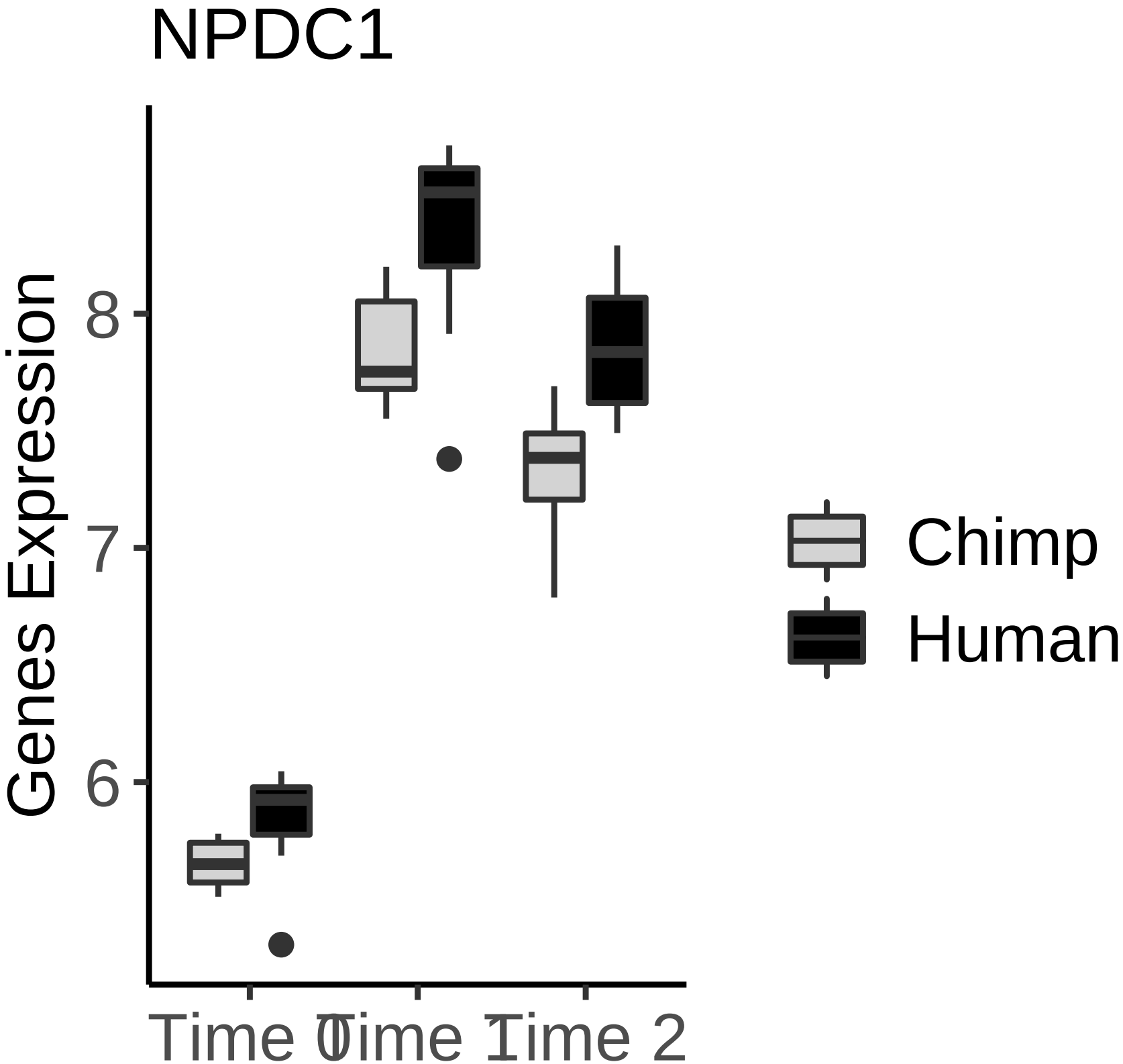
Time 2
Chimp
Human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Genes Expression
8
7
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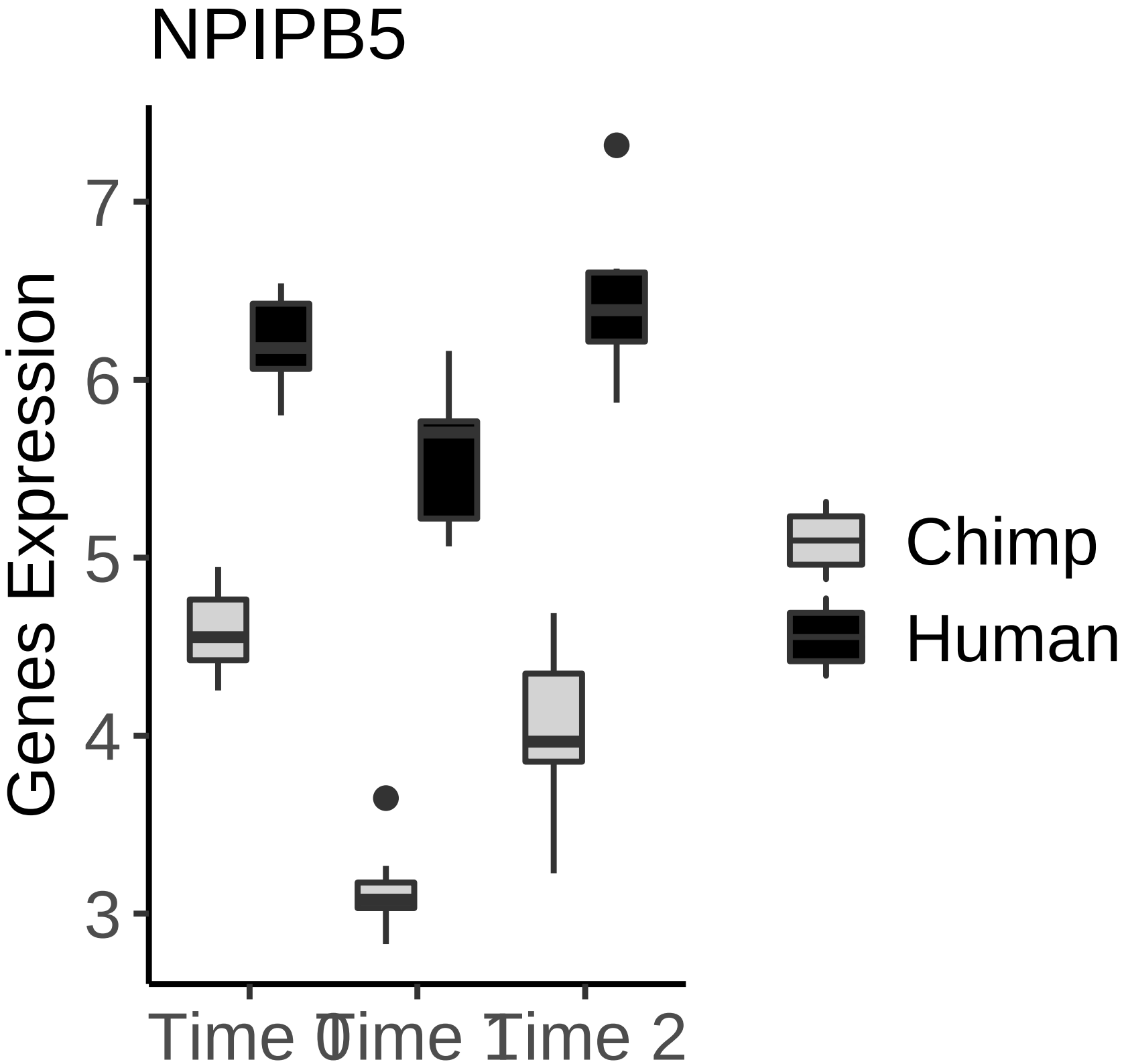
NPIPB5
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7
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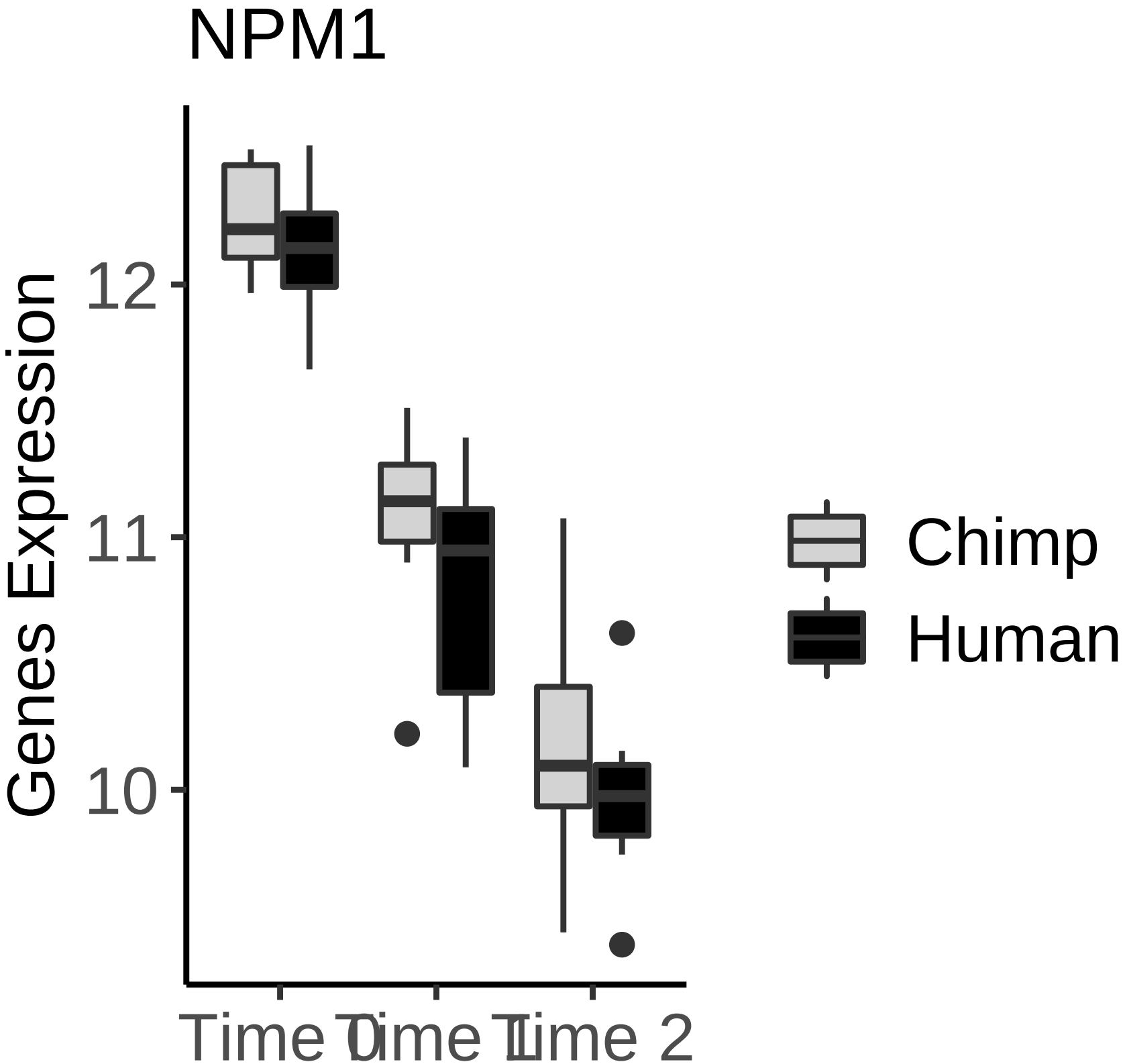
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Genes Expression
12
11
10
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Time 2
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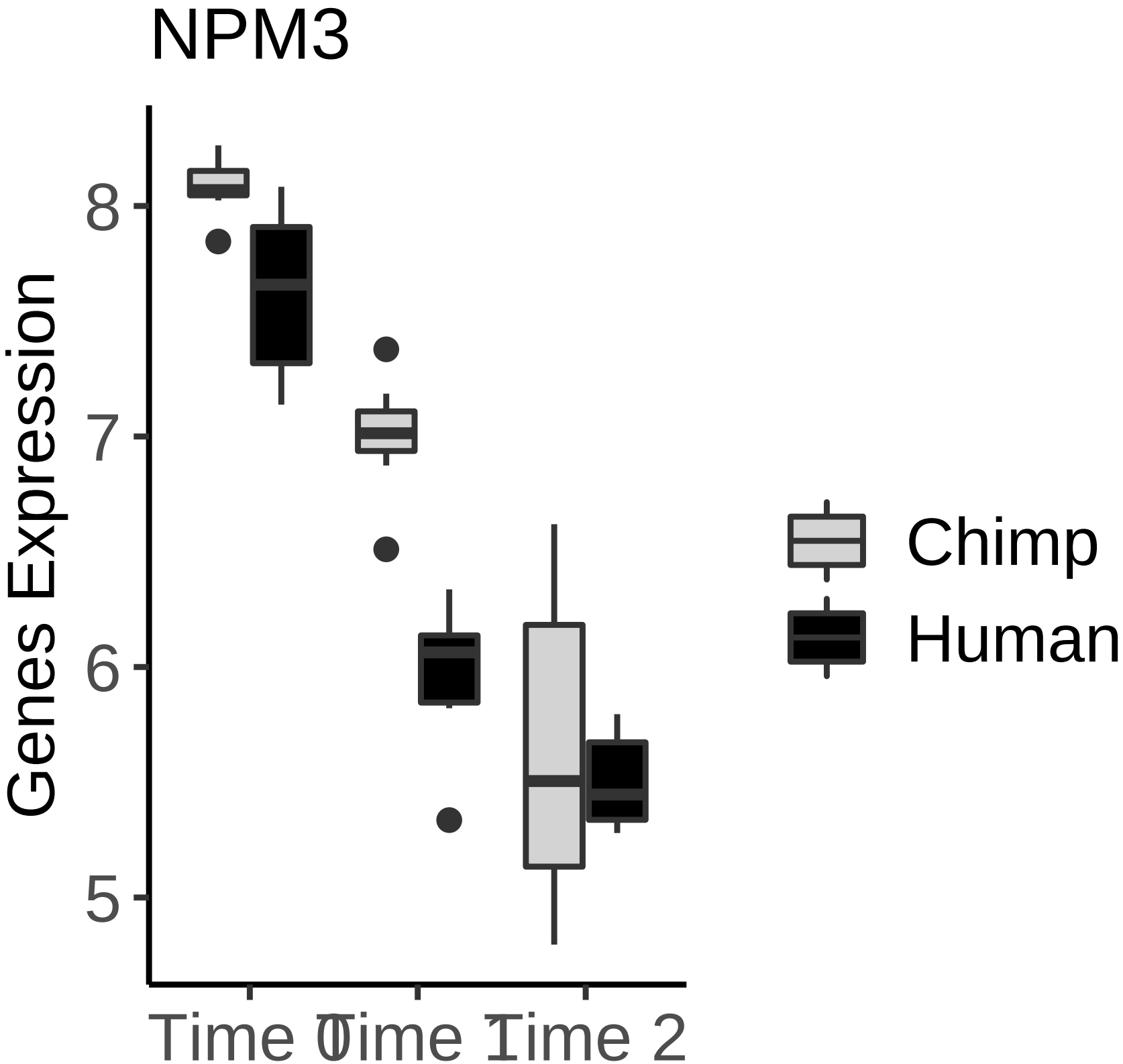
NPM3
Genes Expression
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Time 2
Chimp
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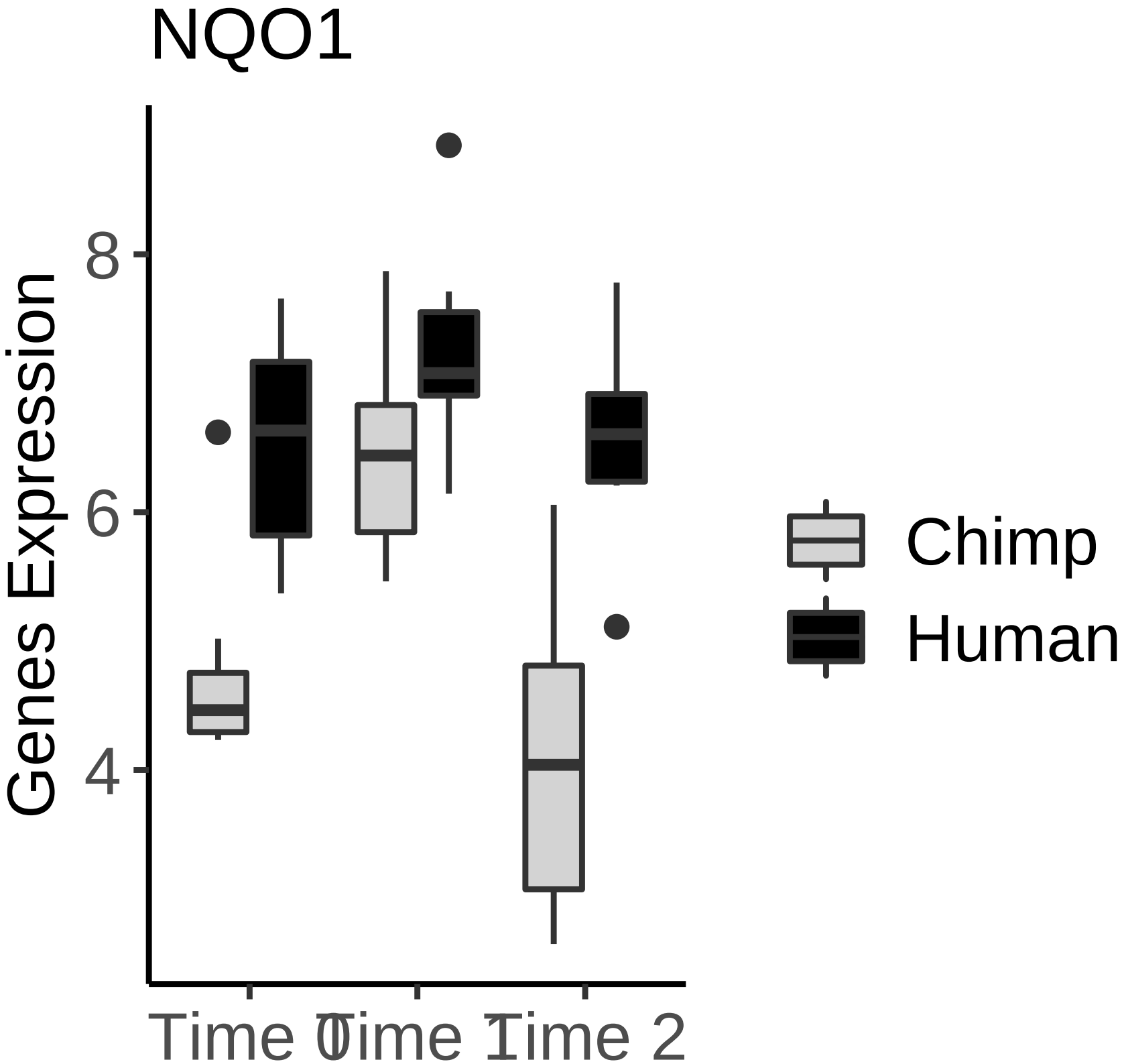
NQO1
Genes Expression
8
6
4
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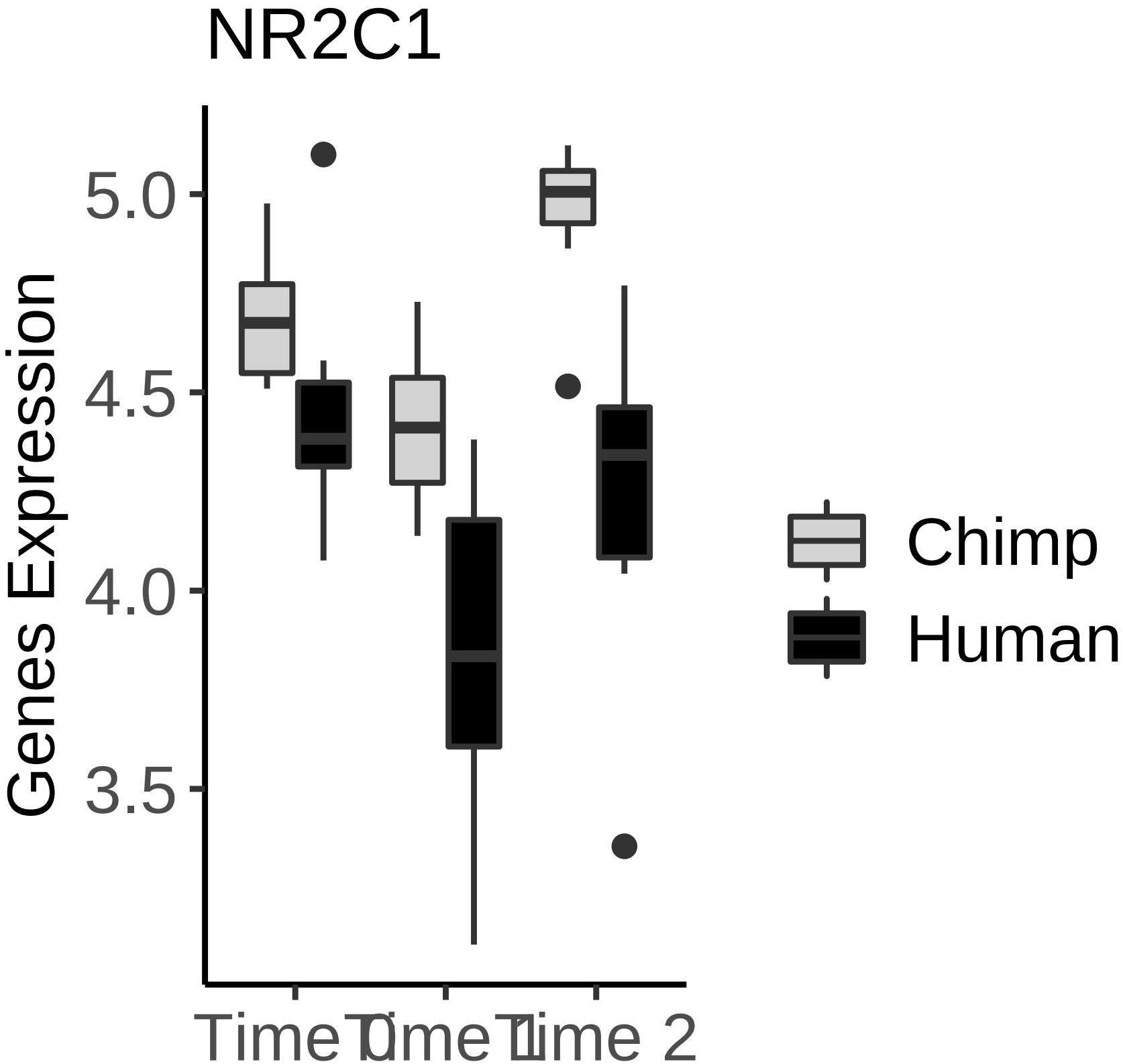
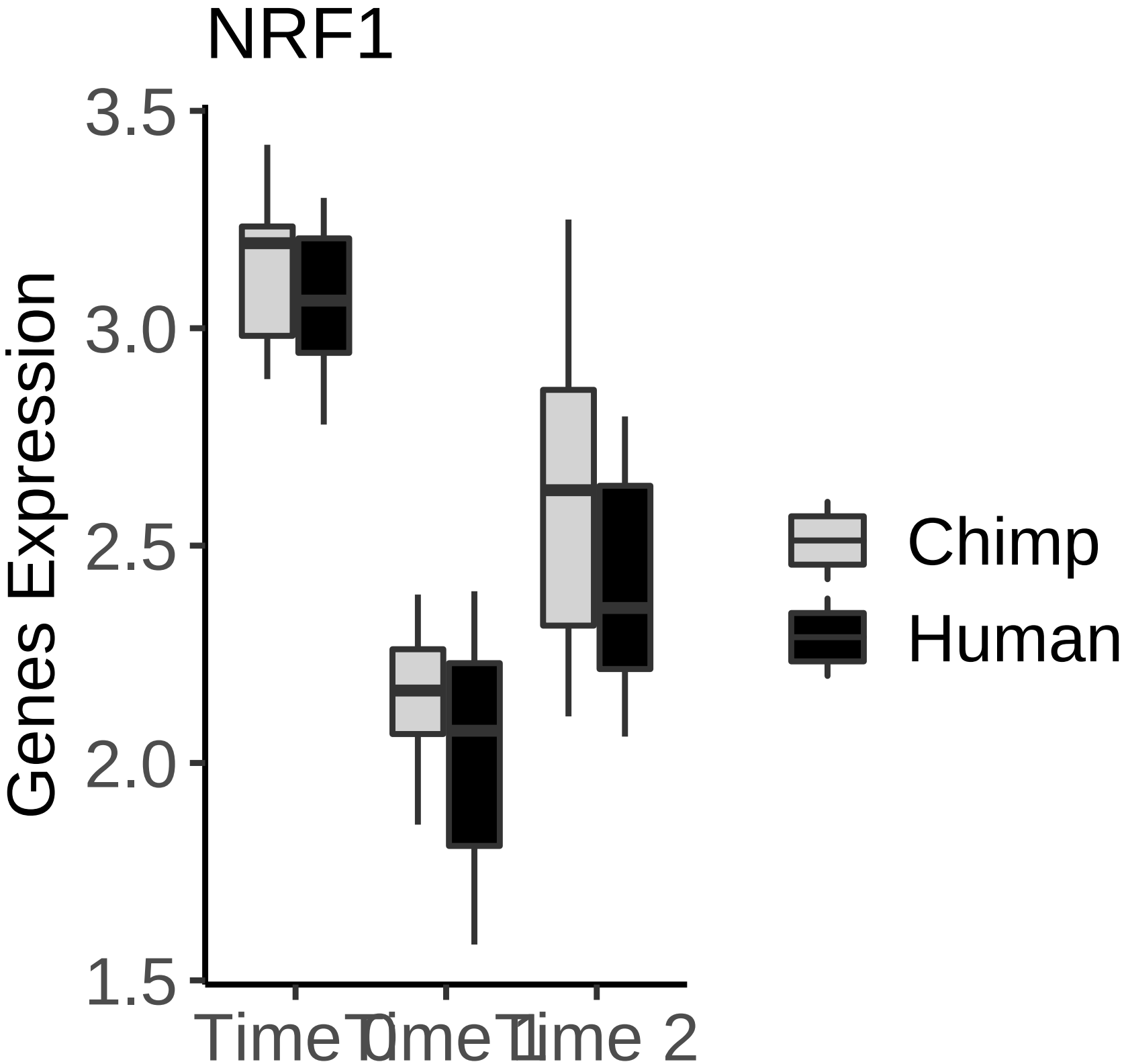
Time 1
Time 2
Chimp
Human


NR2C1
Genes Expression
5.0
4.5
4.0
3.5
Time 0
Time 1
Time 2
Chimp
Human


NRF1
Genes Expression
3.5
3.0
2.5
2.0
1.5
Time 0
Time 1
Time 2
Chimp
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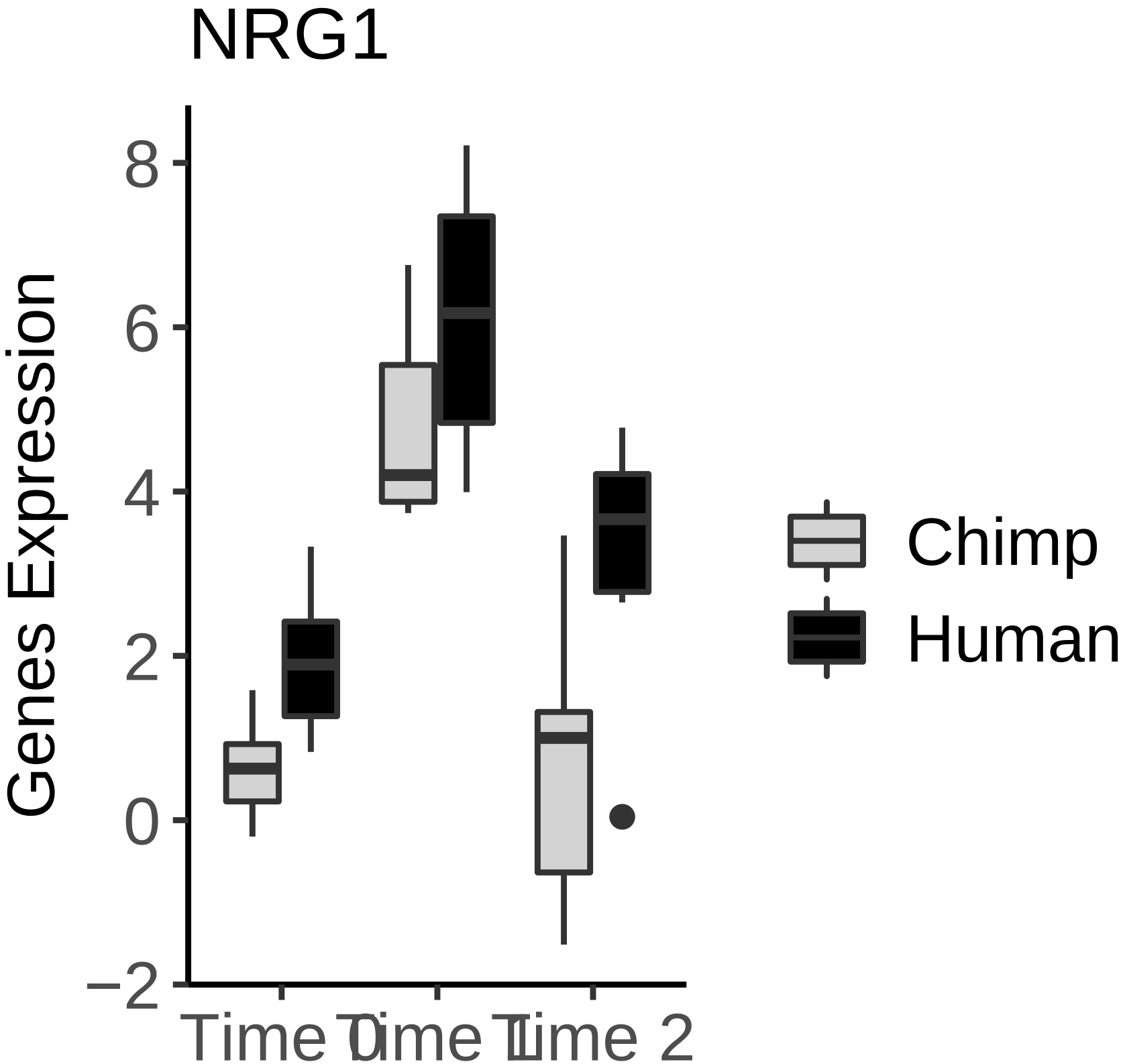
NRG1
Genes Expression
8
6
4
2
0
−2
Time 0
Time 1
Time 2
Chimp
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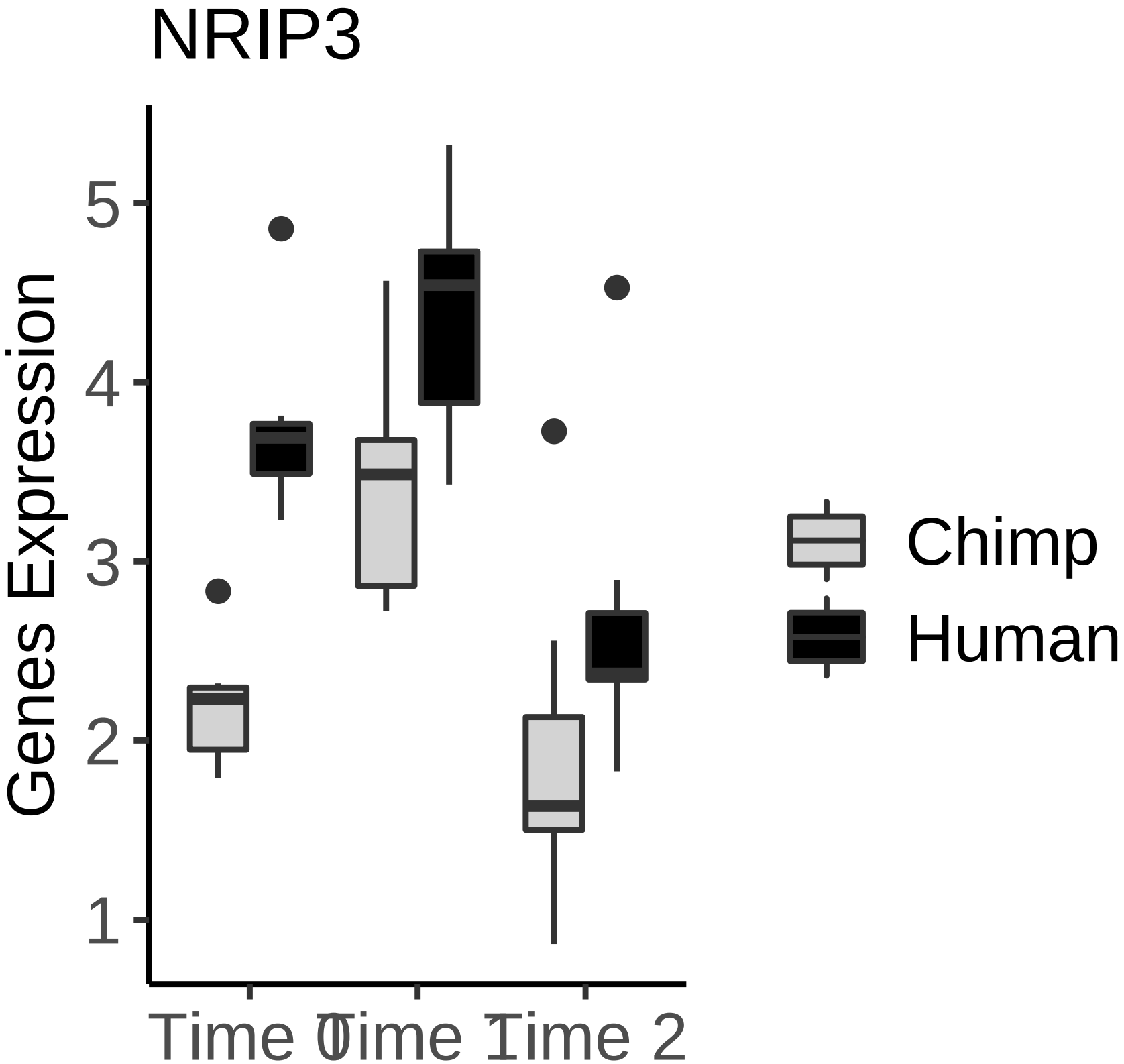
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Genes Expression
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4
3
2
1
Time 0
Time 1
Time 2
Chimp
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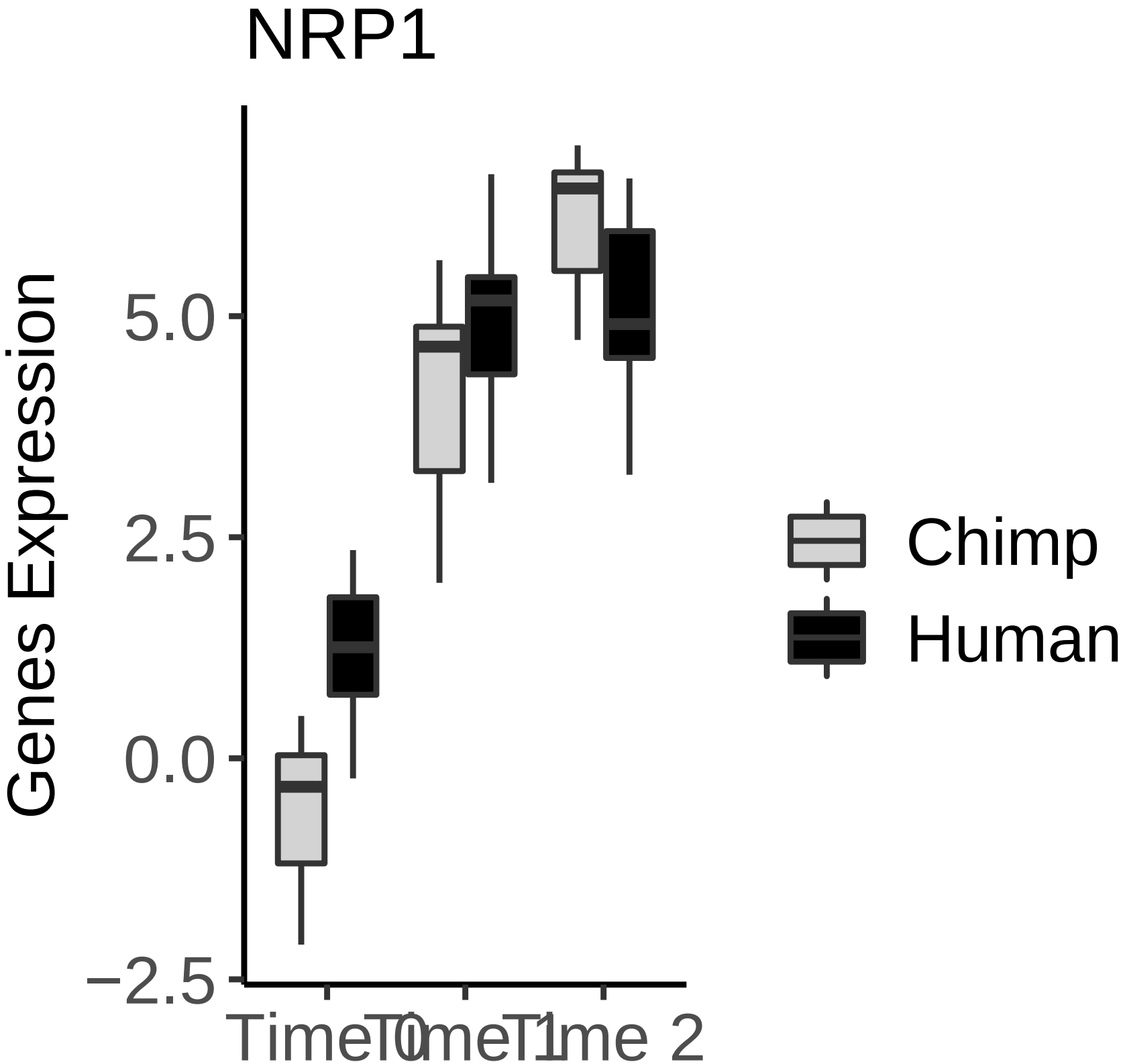
NRP1
Genes Expression
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0.0
−2.5
Time 0
Time 1
Time 2
Chimp
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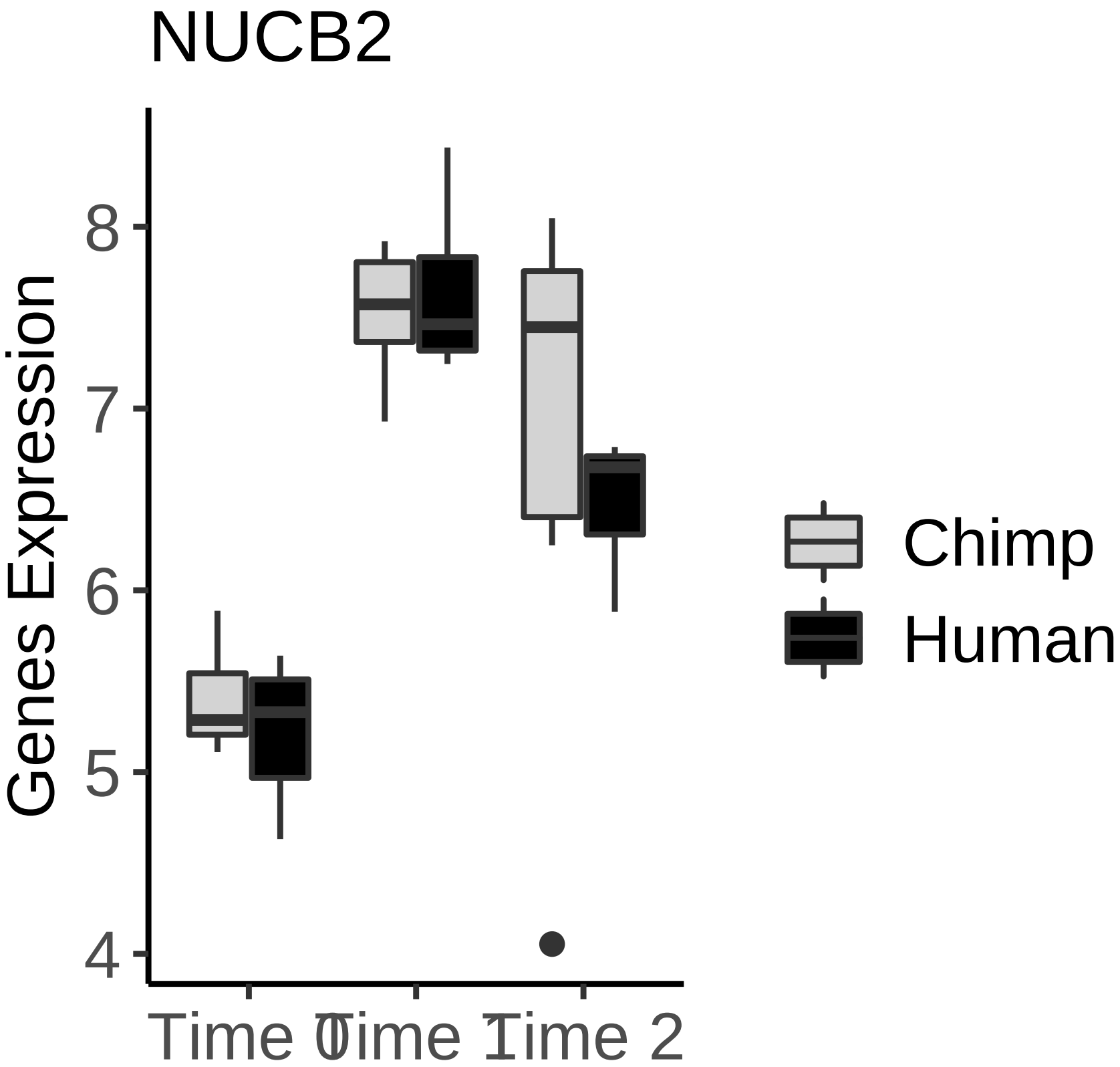
NUCB2
Genes Expression
8
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4
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Time 2
Chimp
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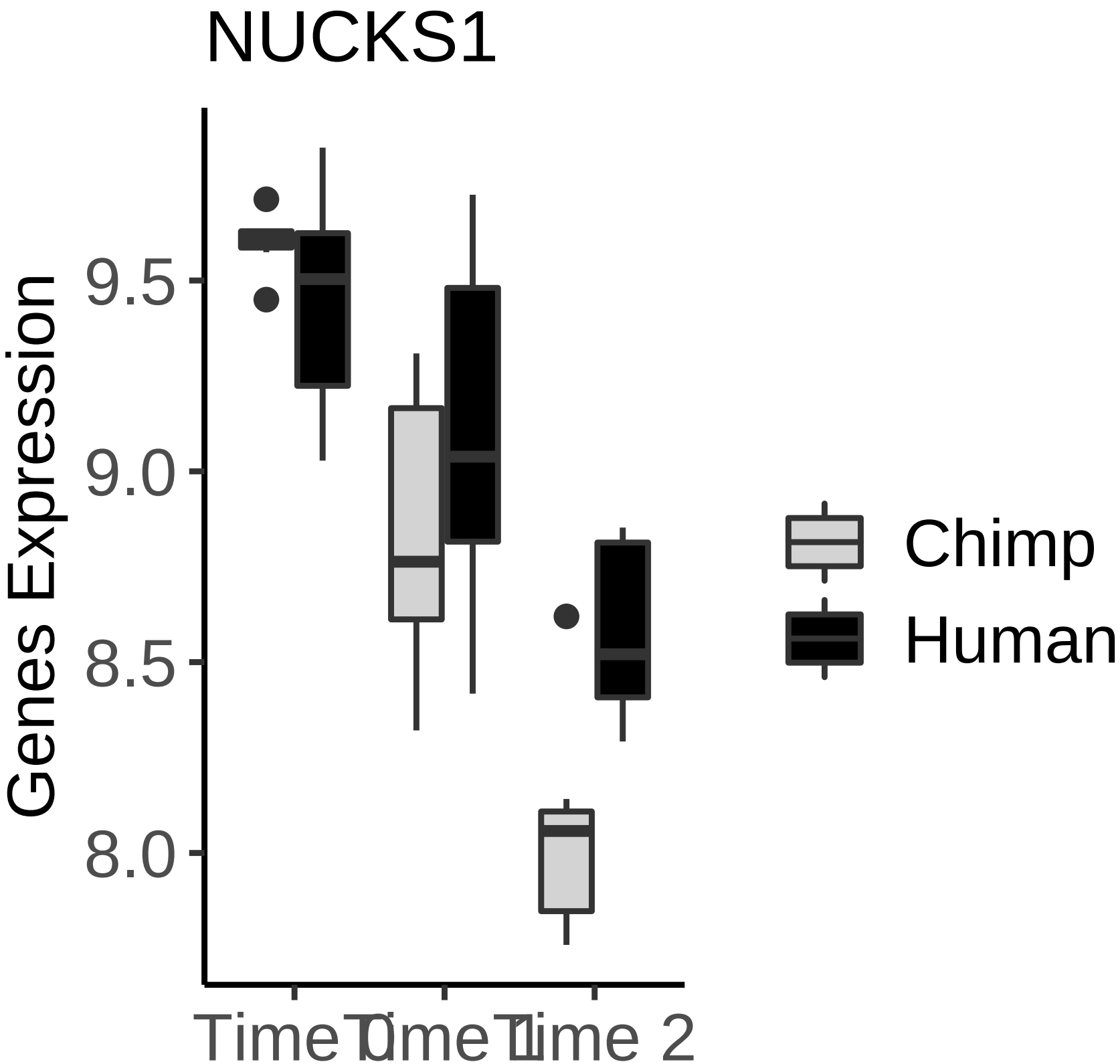
NUCKS1
Genes Expression
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8.0
Time 0
Time 1
Time 2
Chimp
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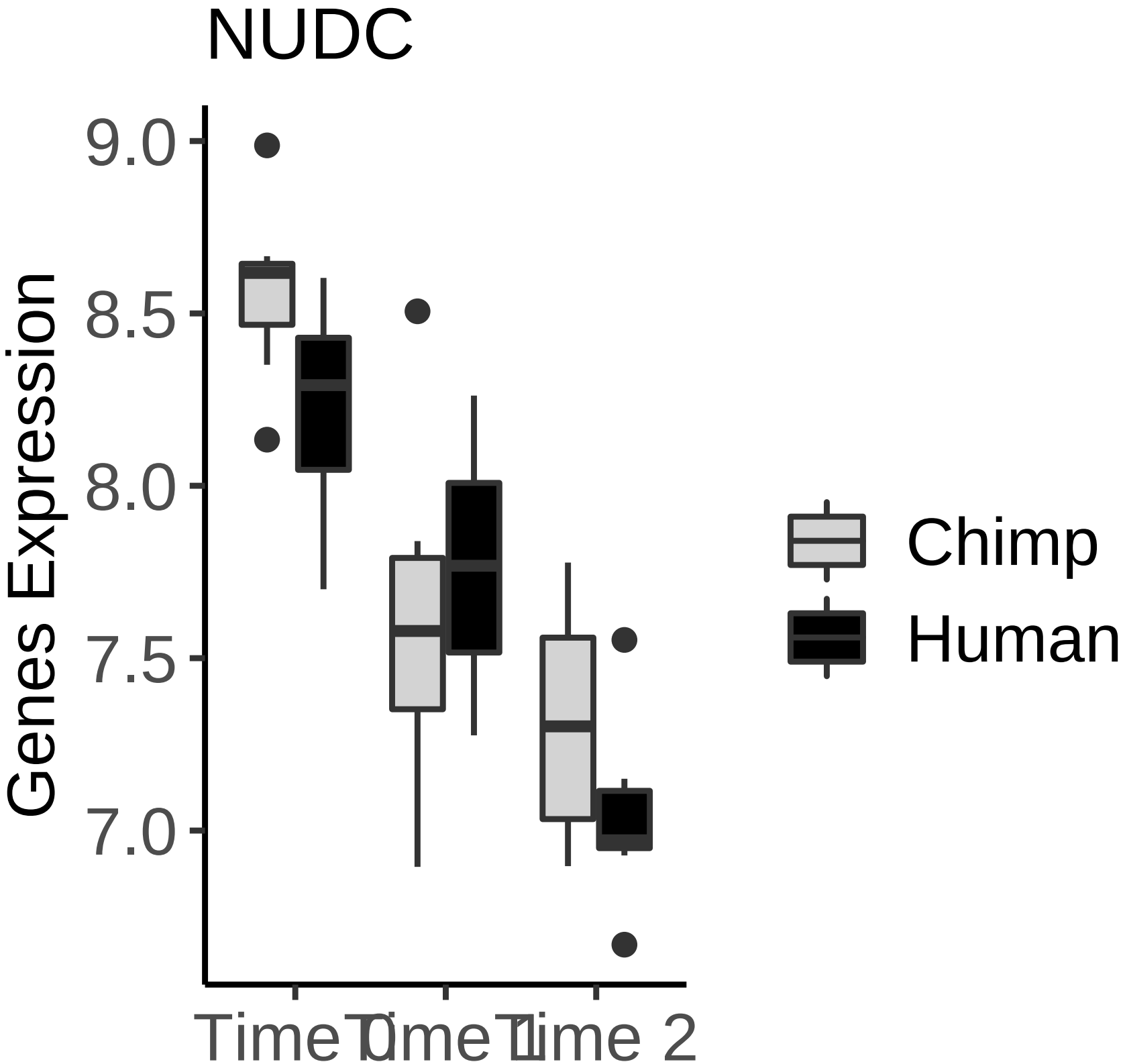
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7.0
Time 0
Time 1
Time 2
Chimp
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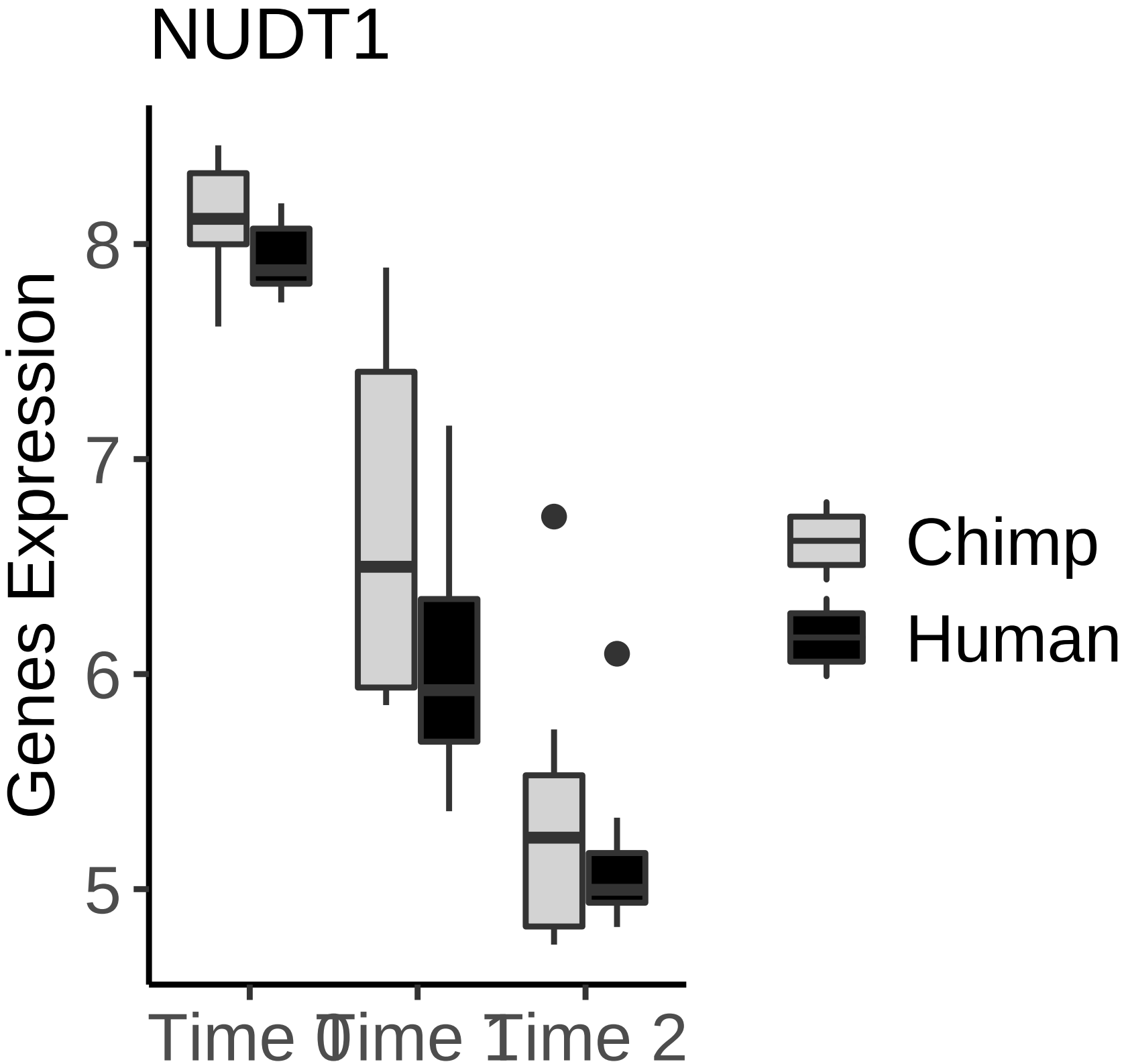
NUDT1
Genes Expression
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5
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Time 2
Chimp
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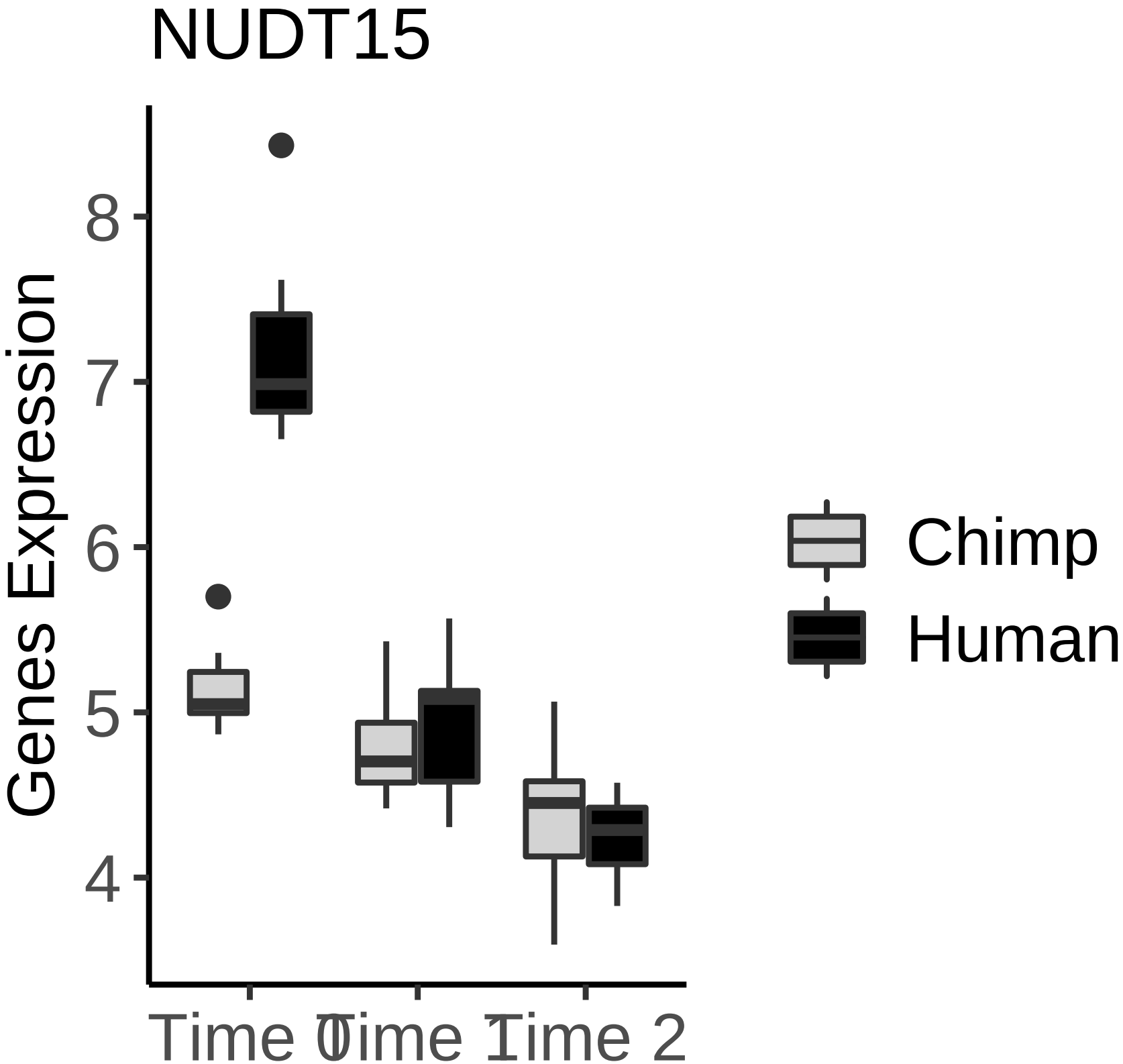
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Genes Expression
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7
6
5
4
Time 0
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Time 2
Chimp
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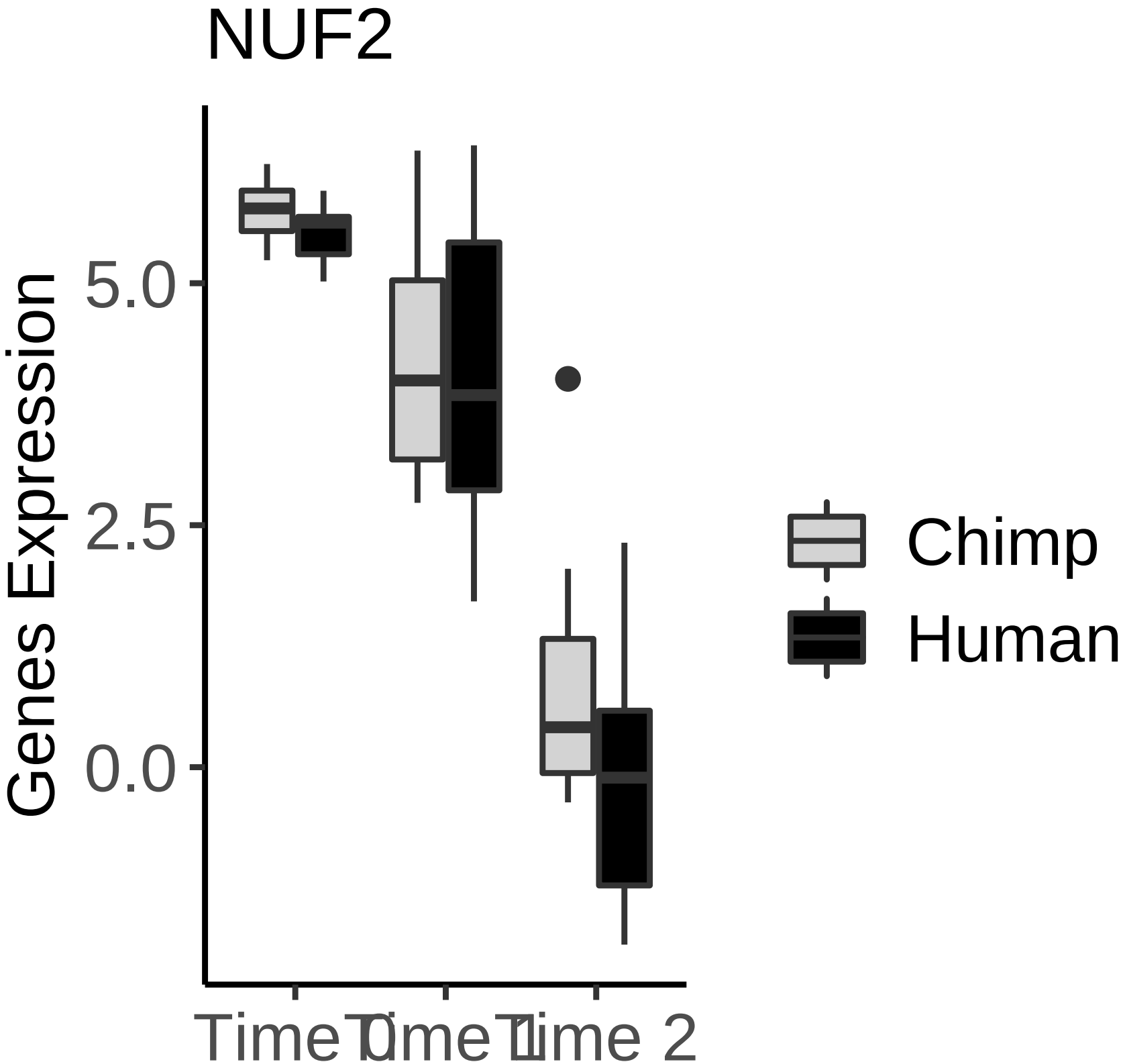
NUF2
Genes Expression
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Time 1
Time 2
Chimp
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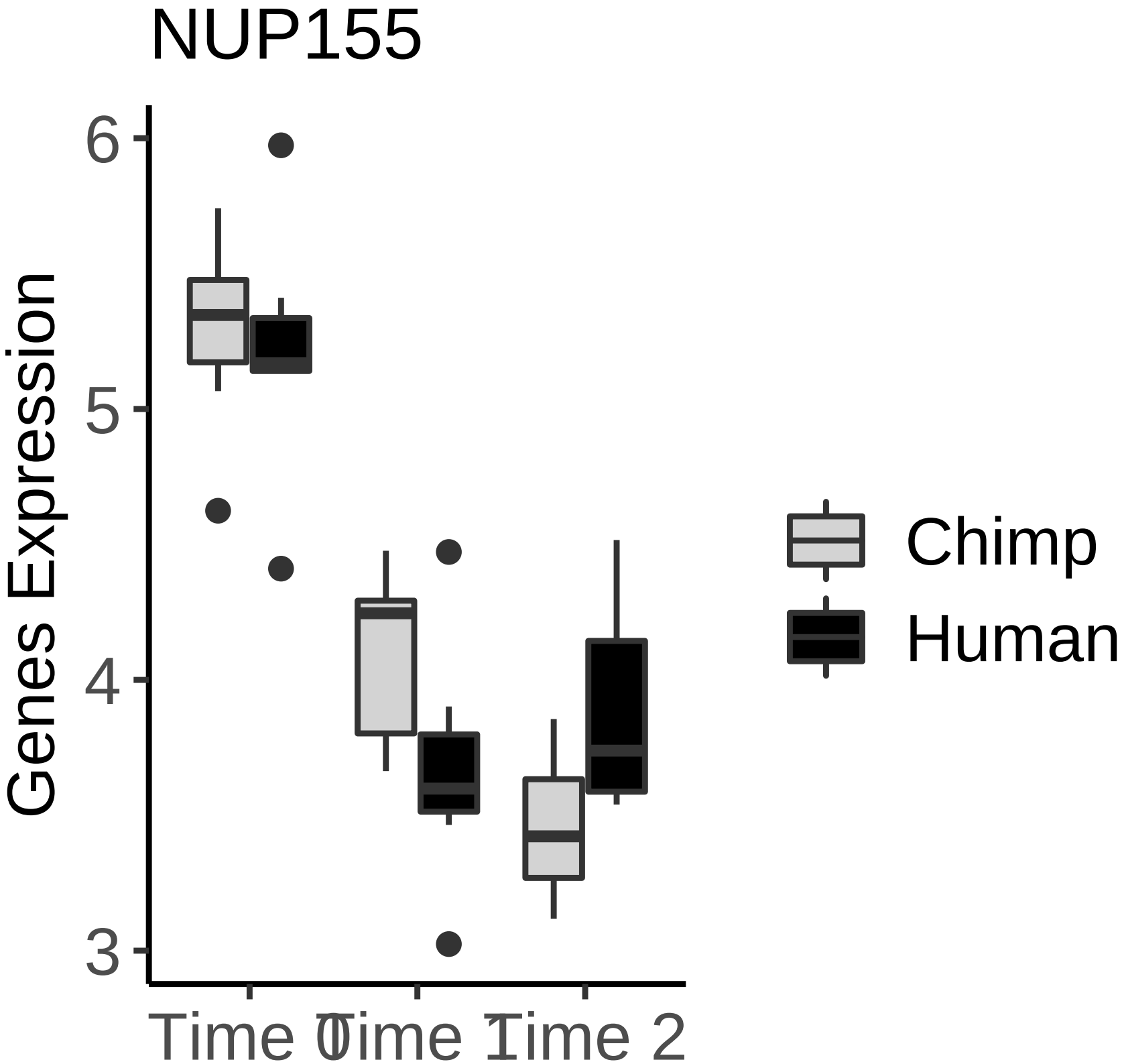
NUP155
Genes Expression
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3
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Time 2
Chimp
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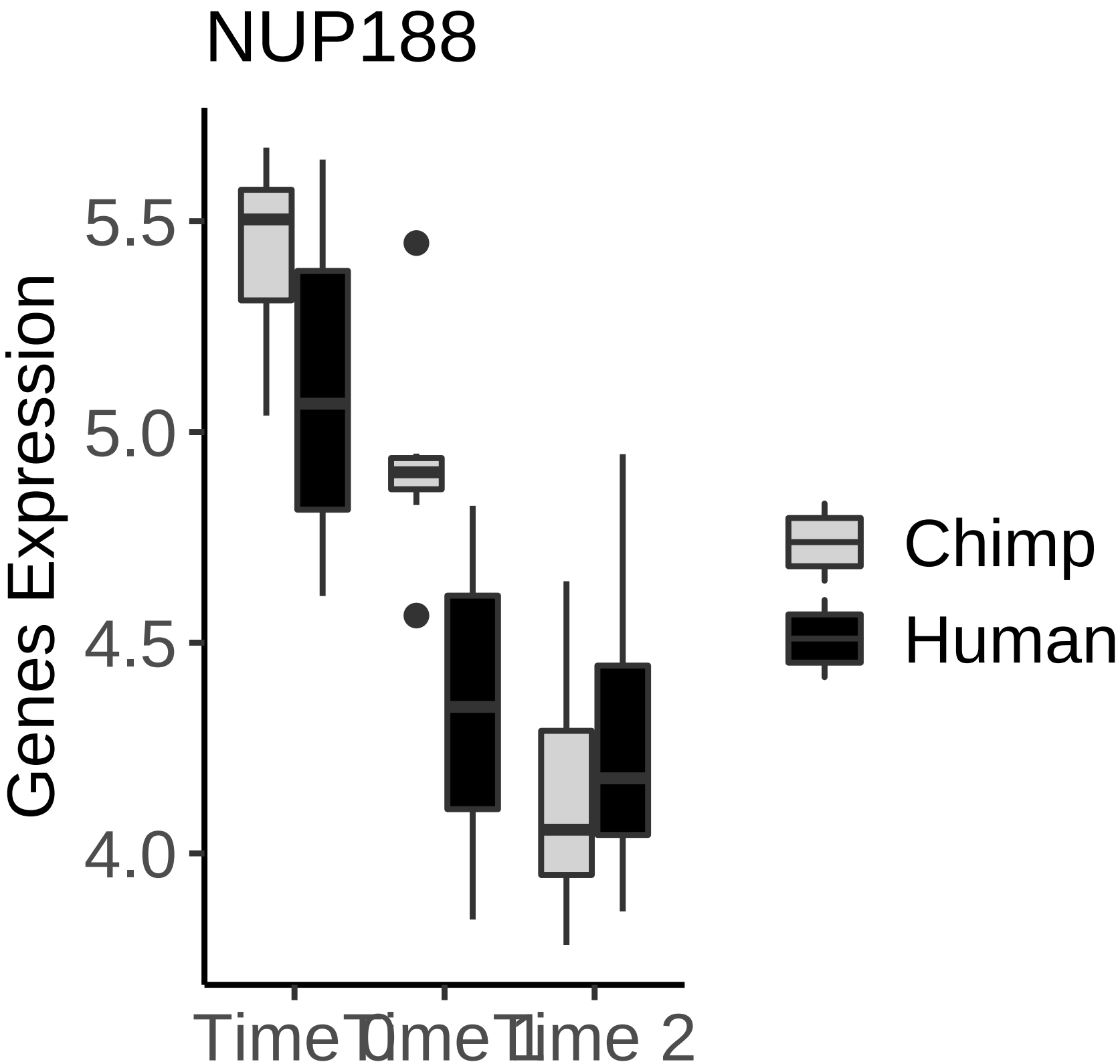
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Time 1
Time 2
Chimp
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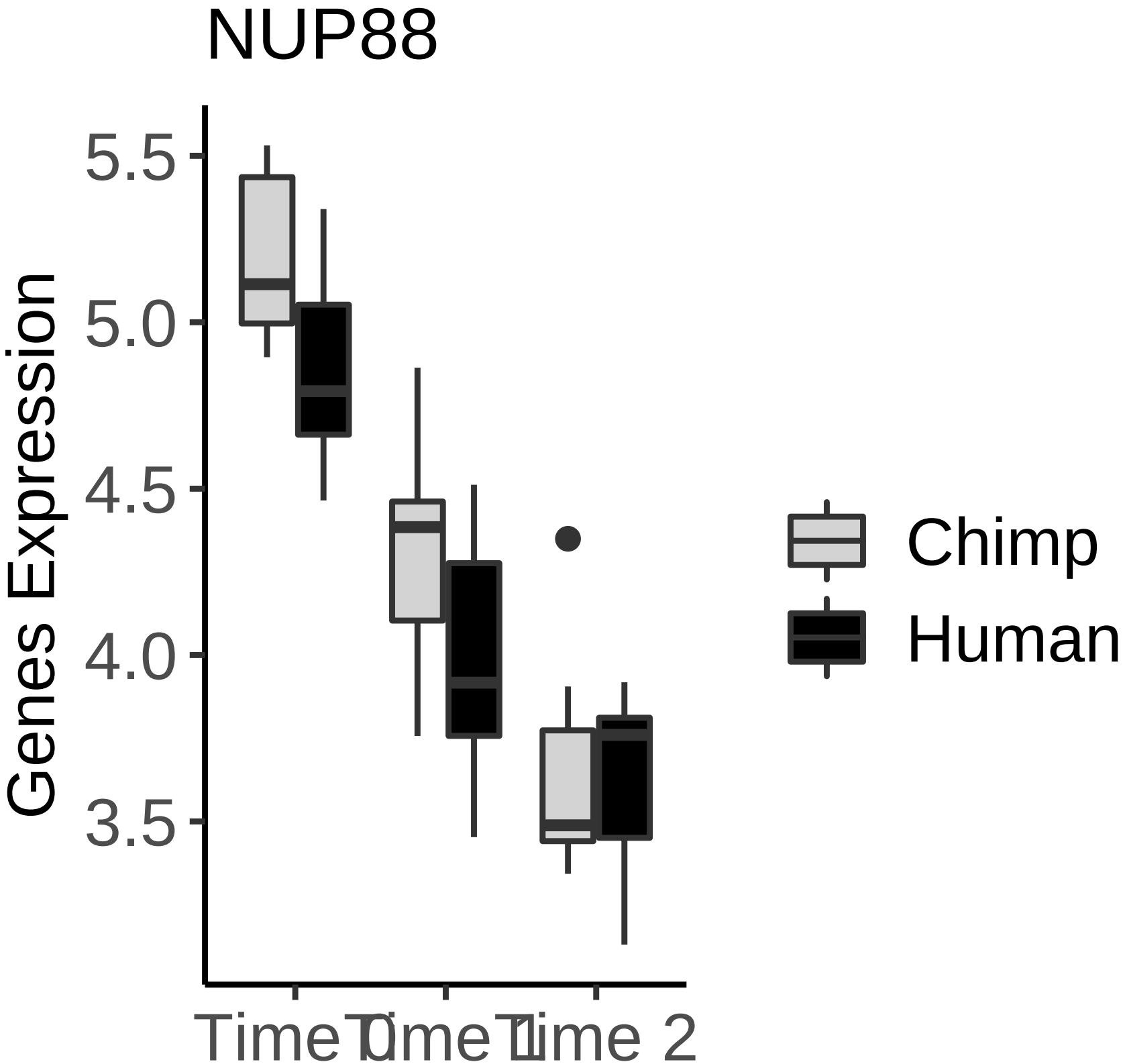
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Time 2
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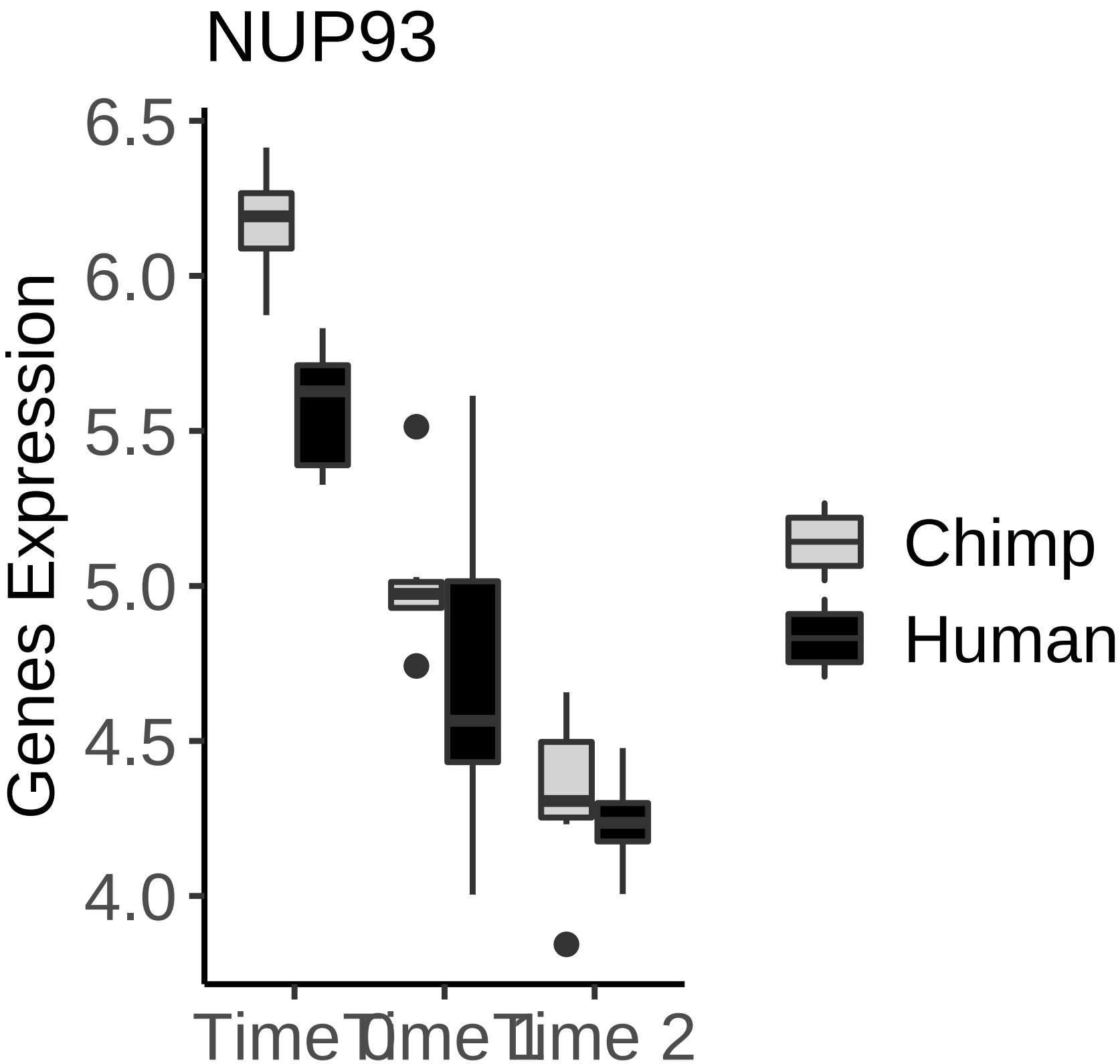
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Time 2
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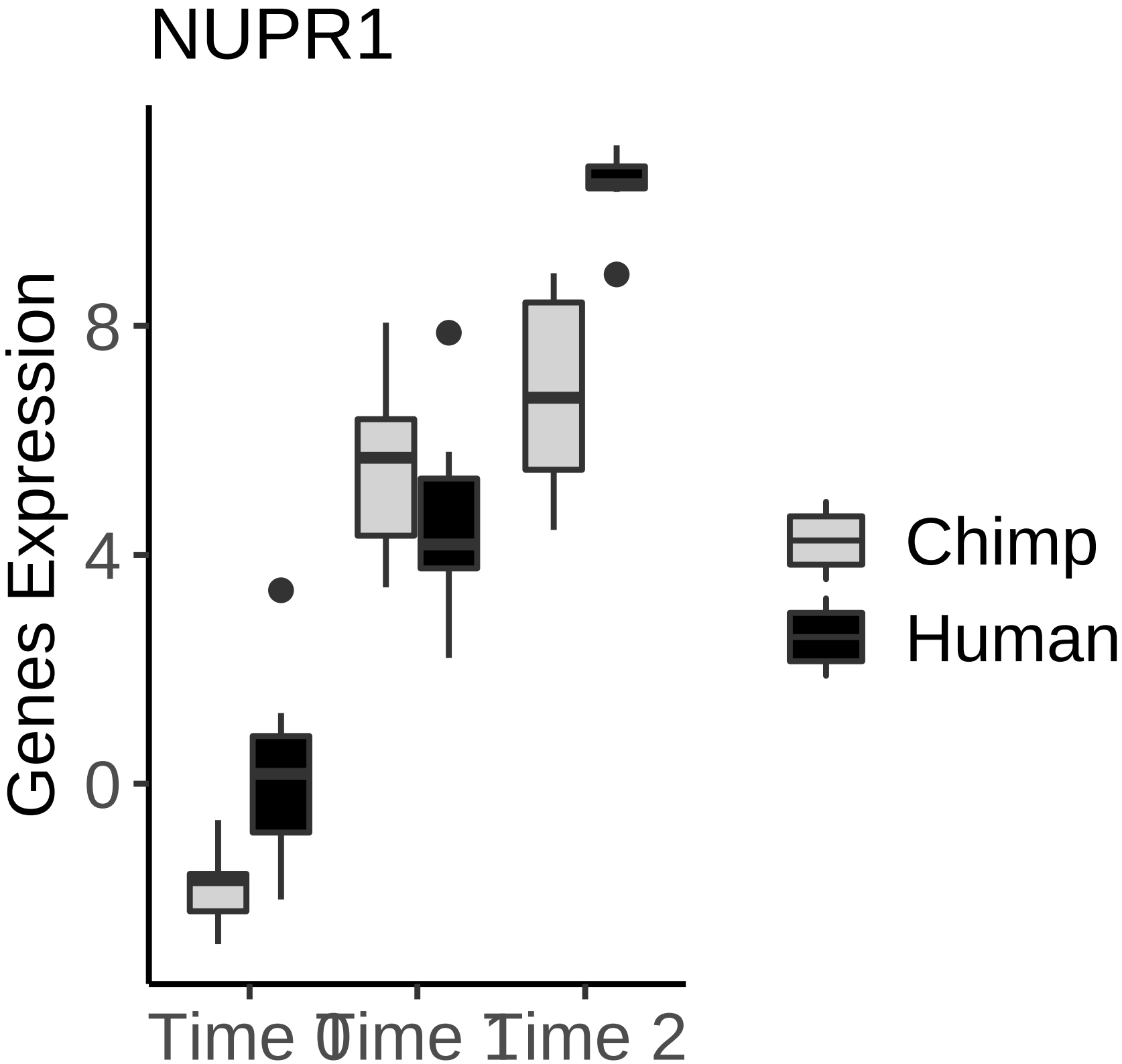
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Genes Expression
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Time 2
Chimp
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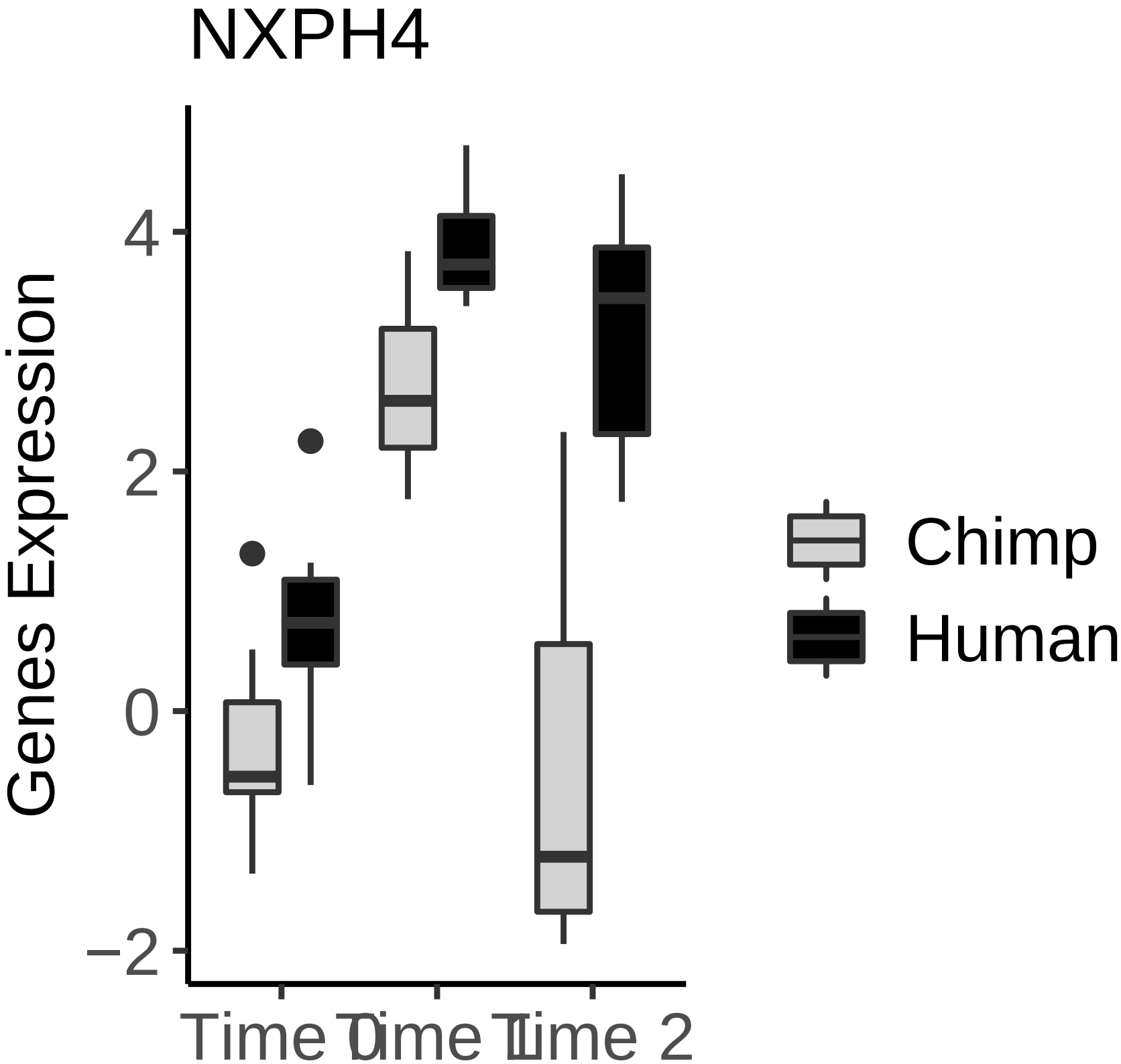
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Genes Expression
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Time 2
Chimp
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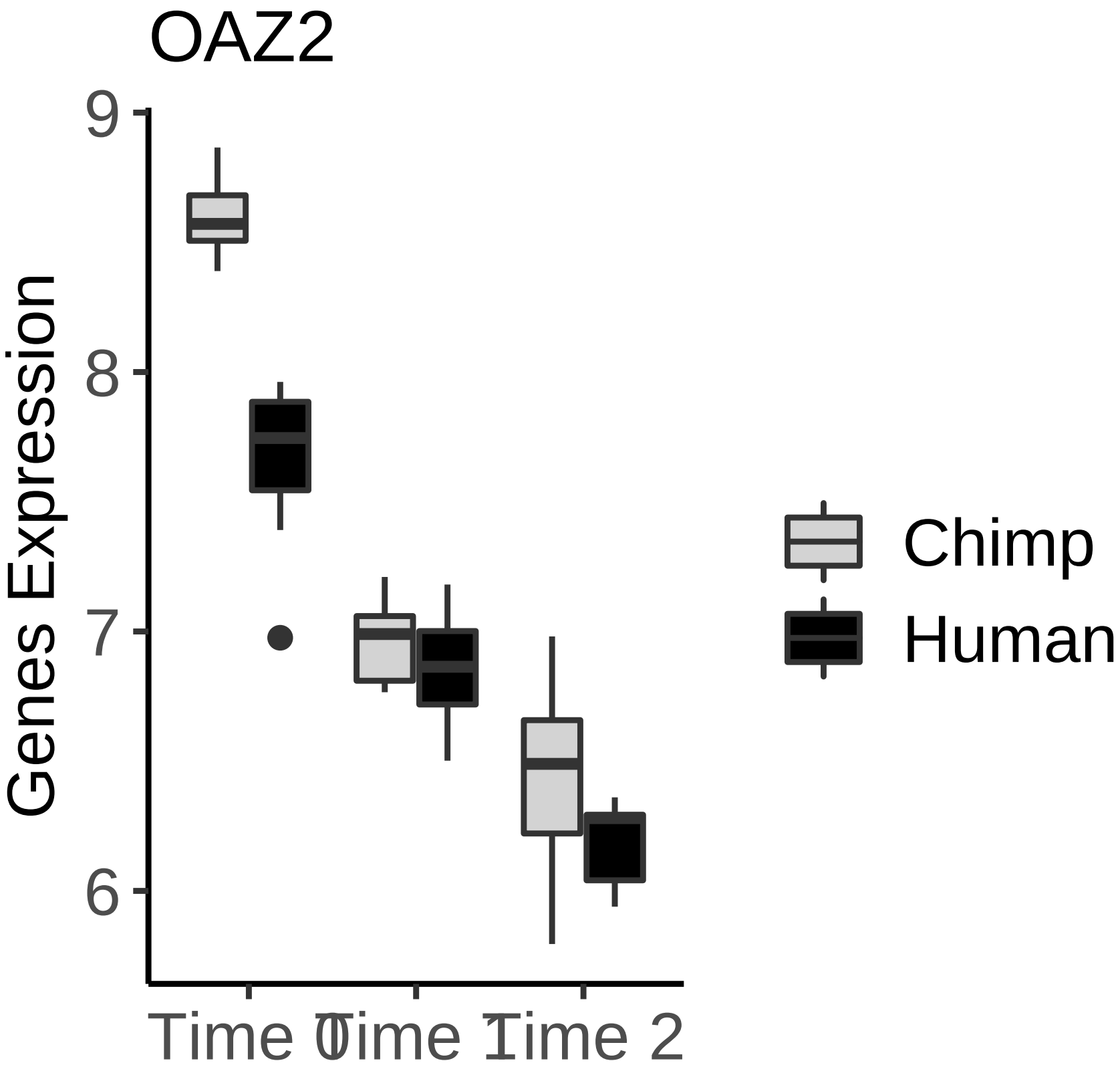
OAZ2
Genes Expression
9
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7
6
Time 0
Time 1
Time 2
Chimp
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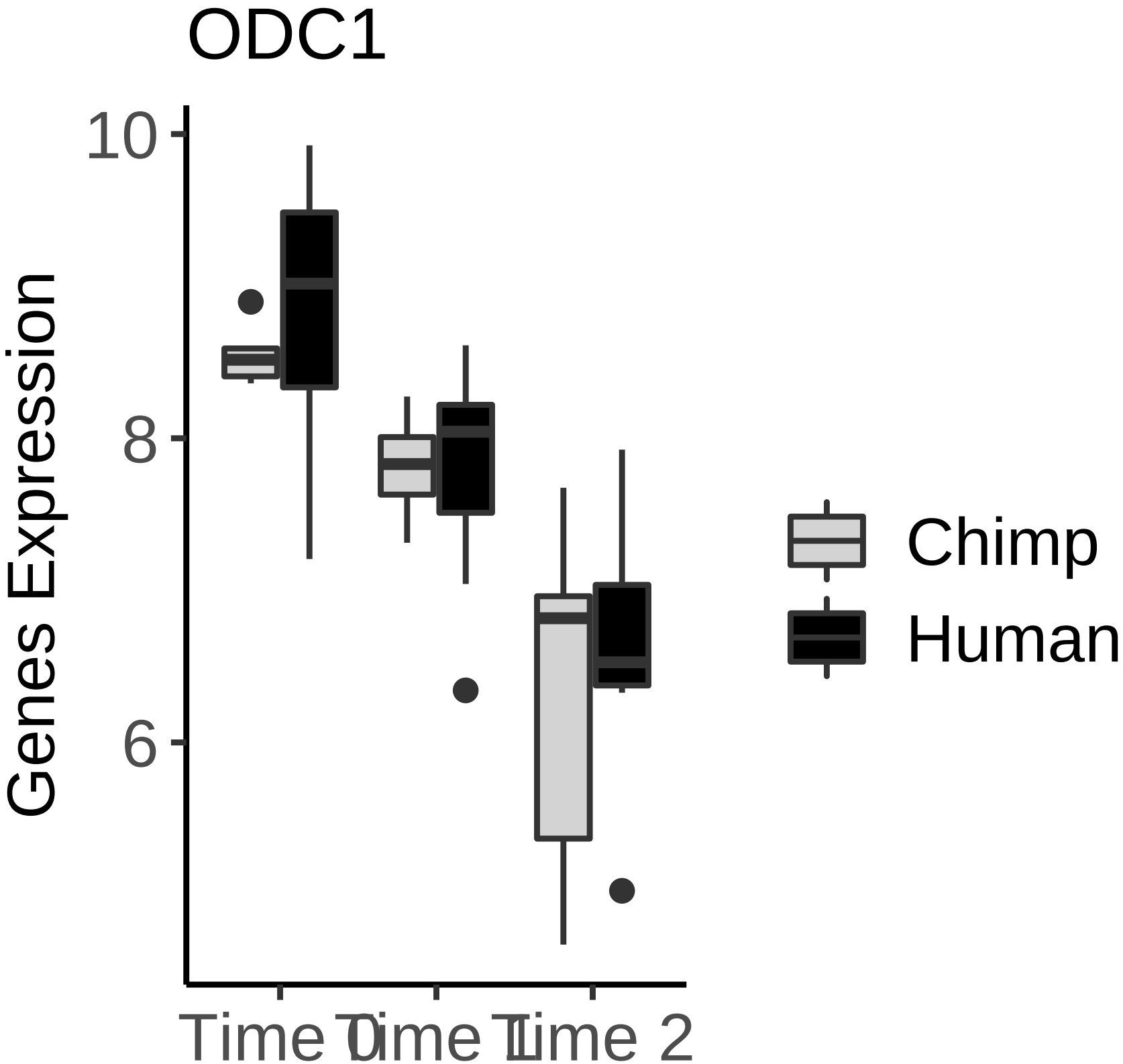
ODC1
Genes Expression
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Time 2
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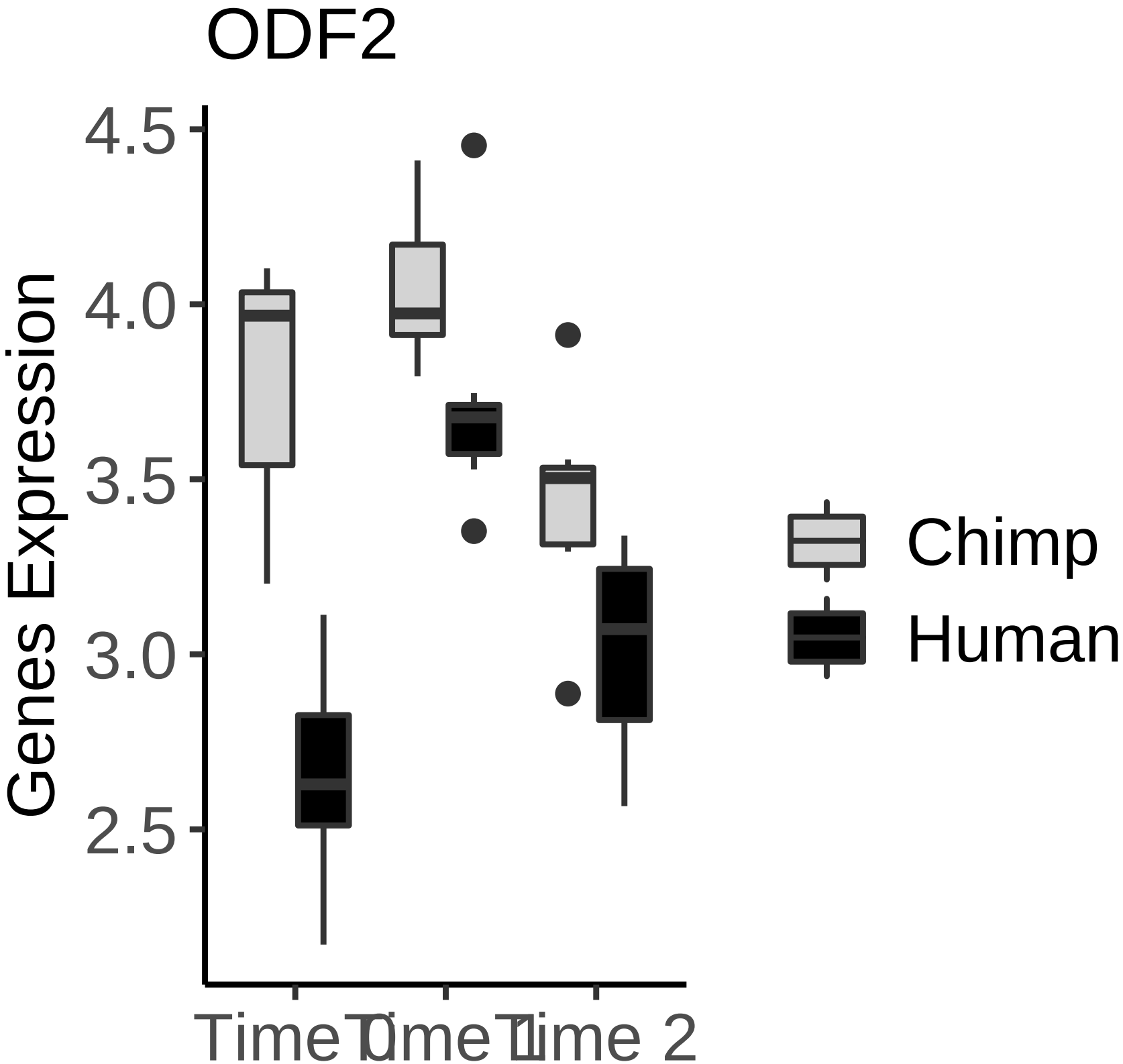
ODF2
Genes Expression
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3.0
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Time 1
Time 2
Chimp
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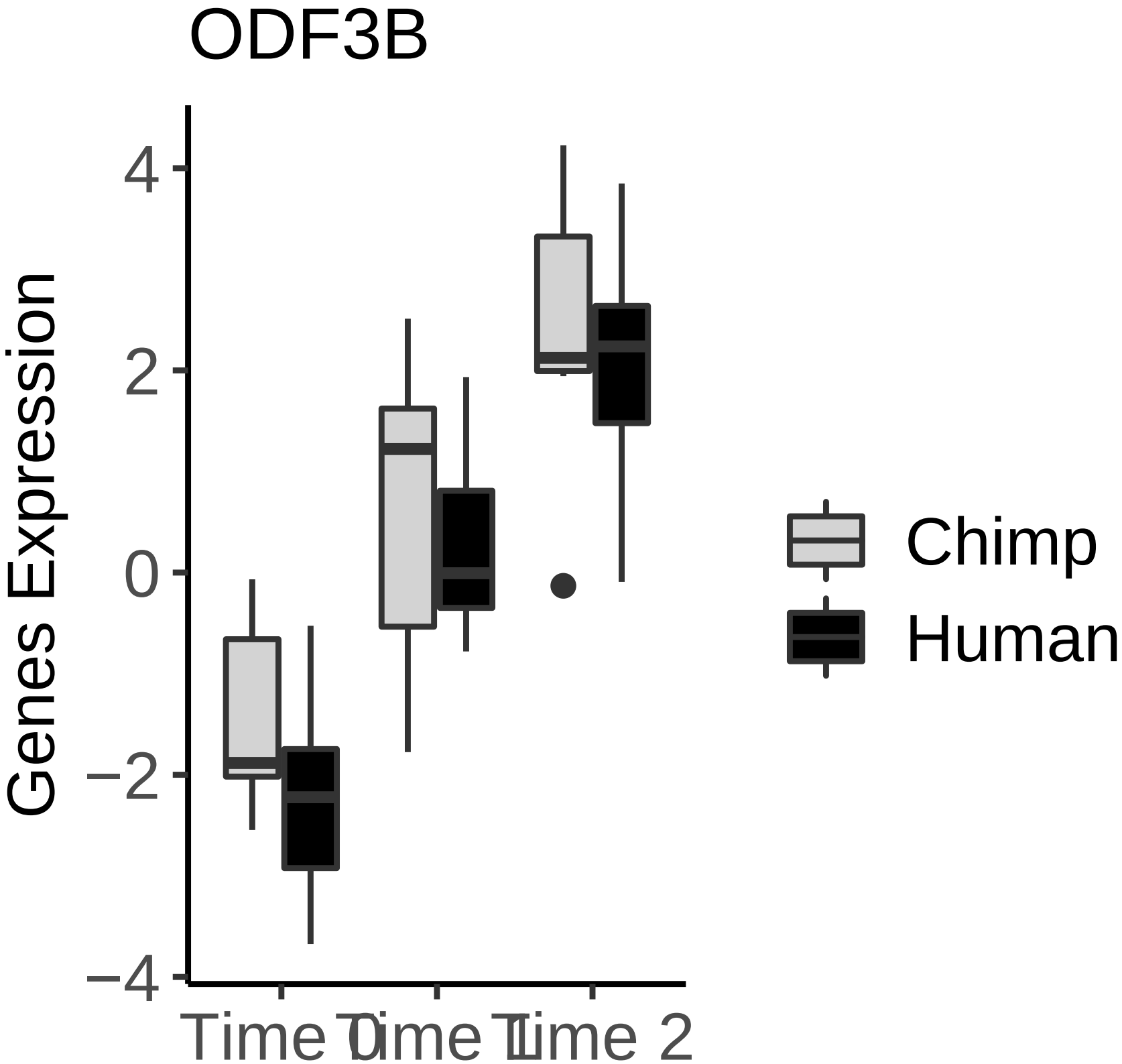
ODF3B
Genes Expression
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−4
Time 0
Time 1
Time 2
Chimp
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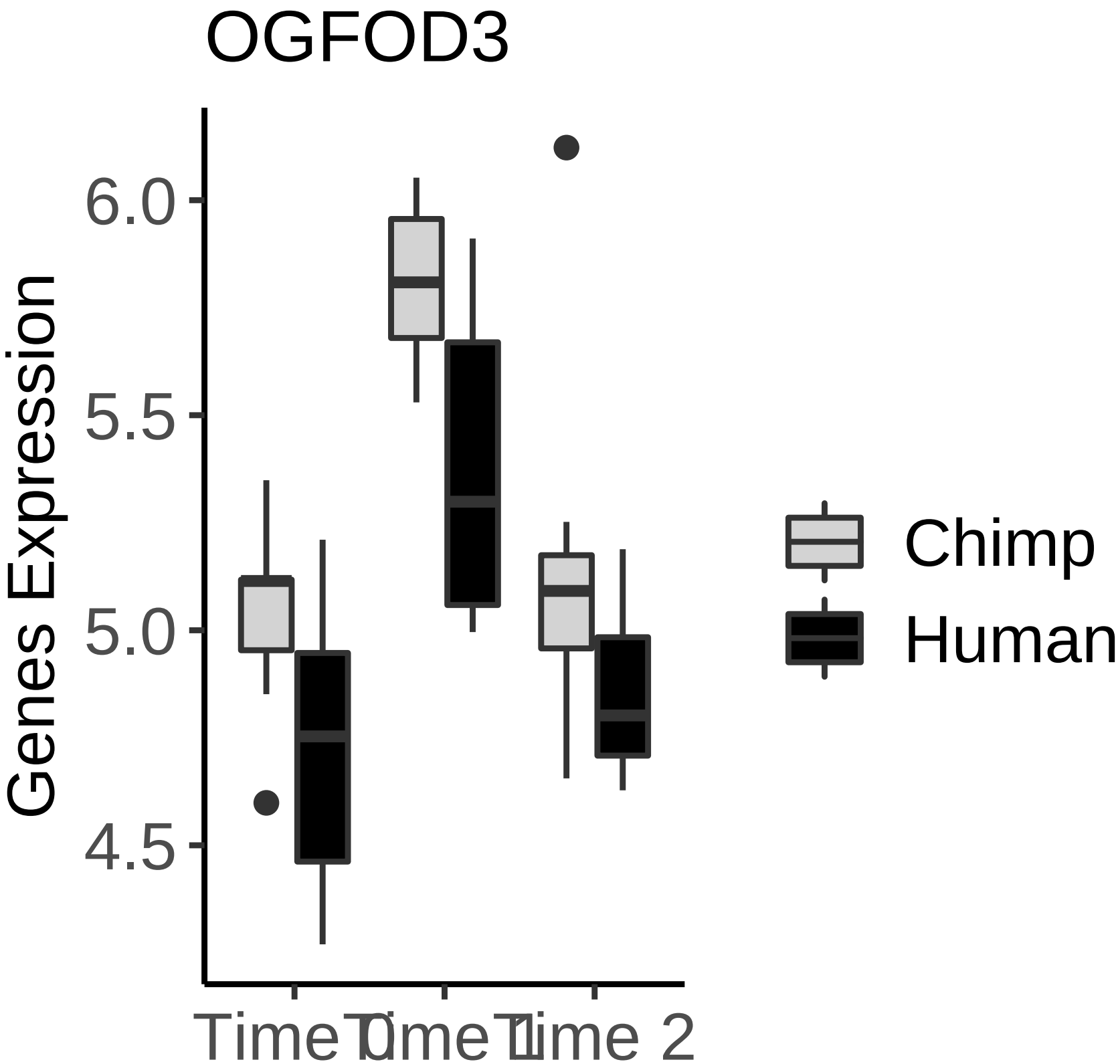
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Time 1
Time 2
Chimp
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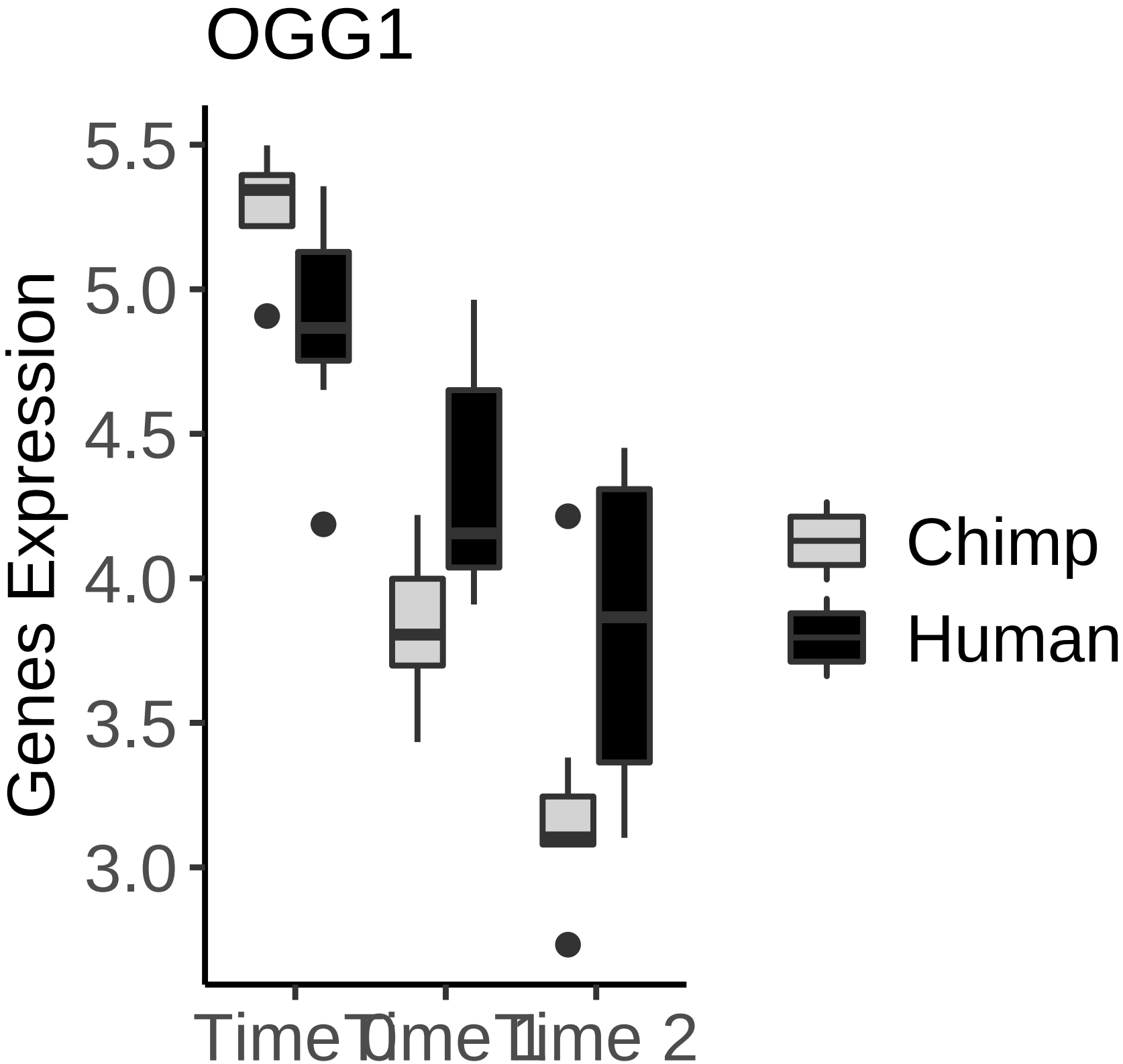
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3.0
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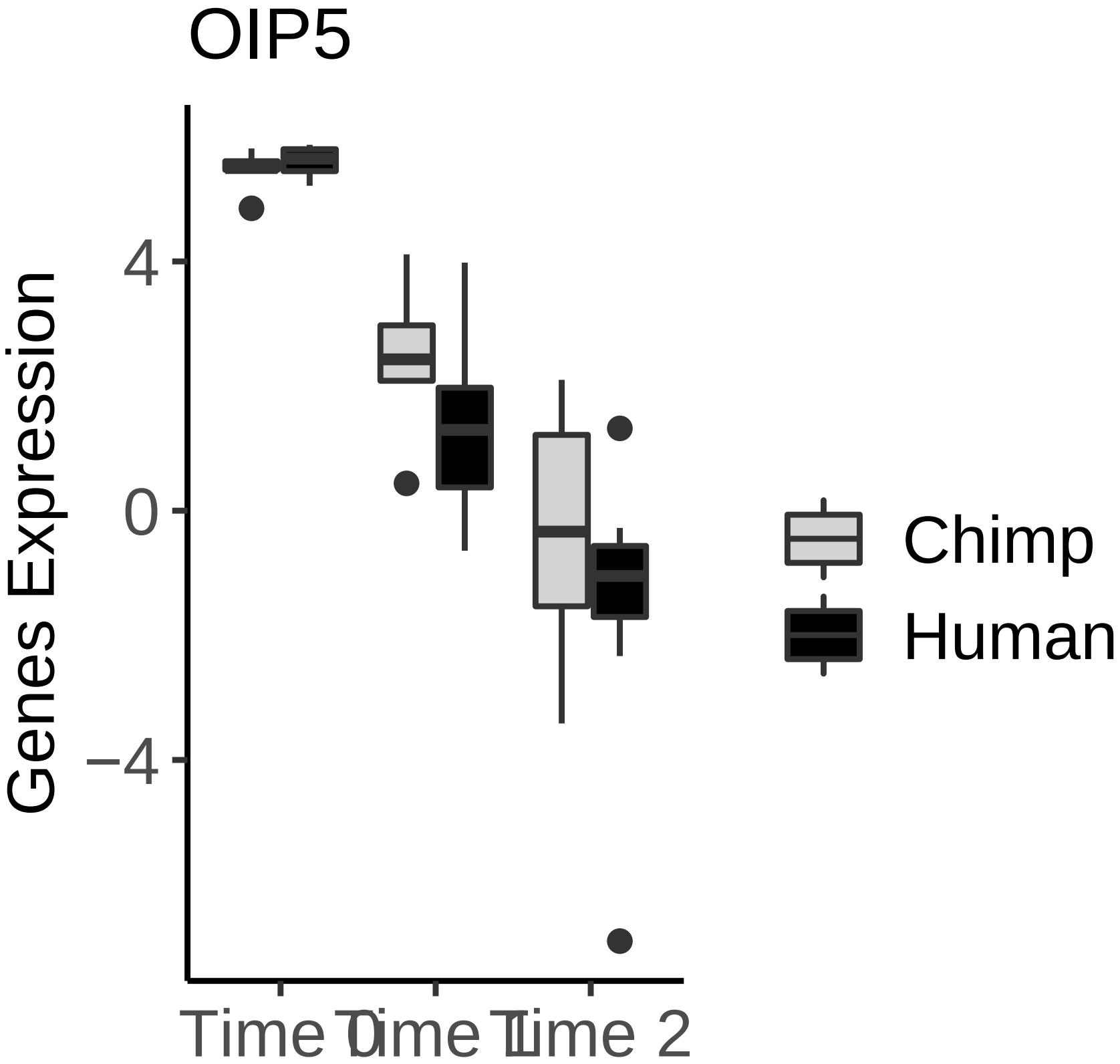
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Genes Expression
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Time 2
Chimp
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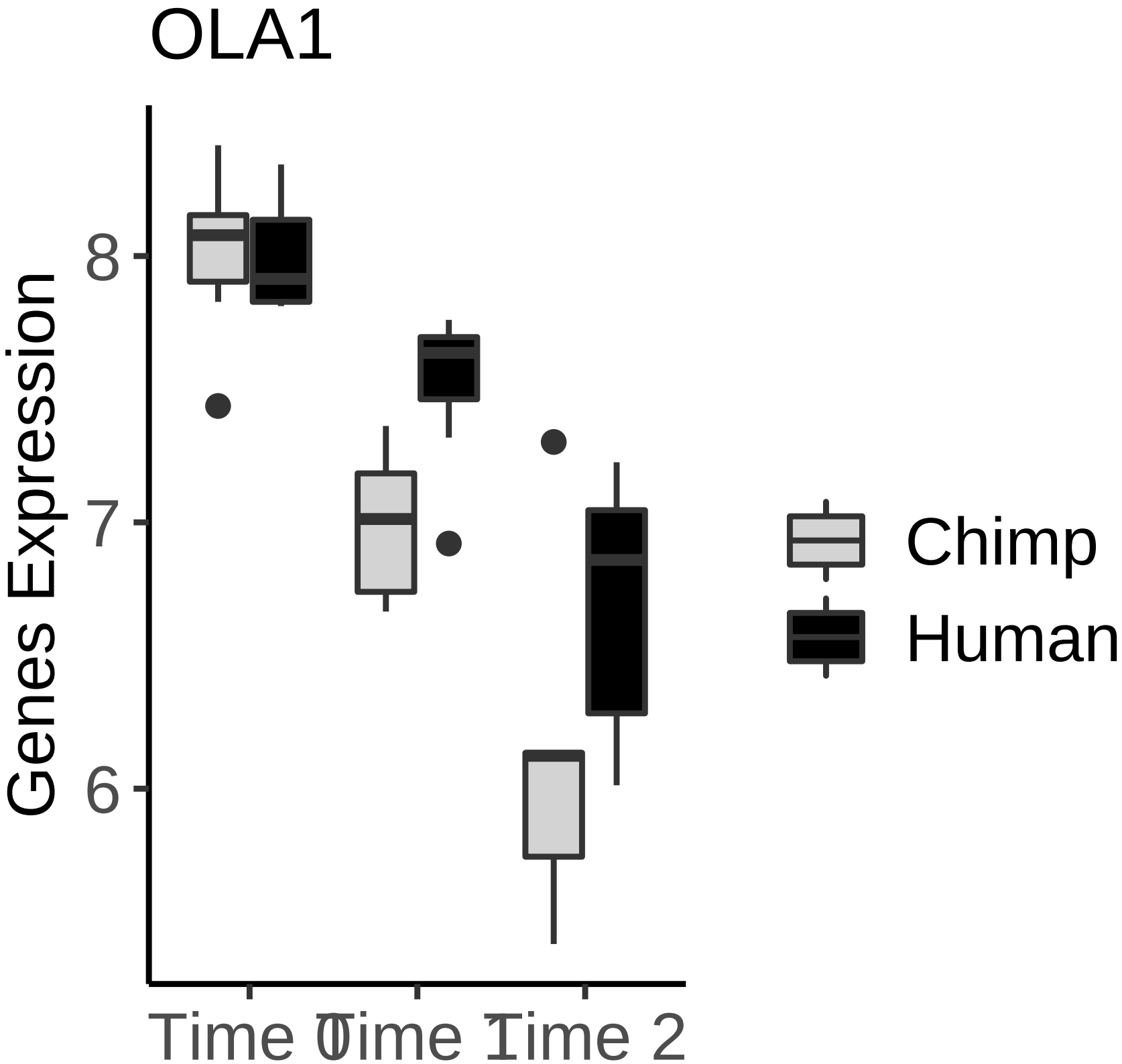
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Genes Expression
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7
6
Time 0
Time 1
Time 2
Chimp
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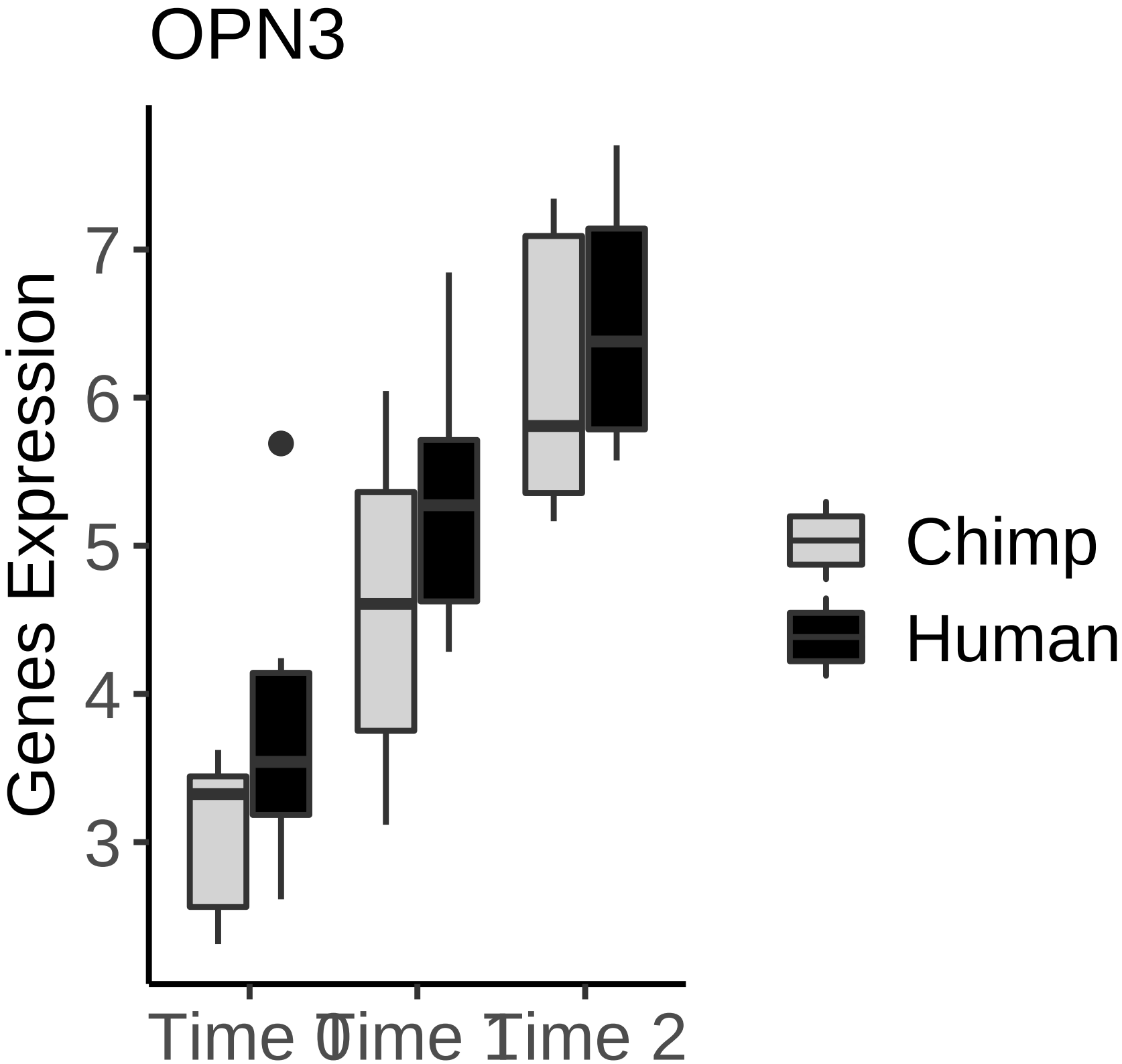
OPN3
Genes Expression
7
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4
3
Time 0
Time 1
Time 2
Chimp
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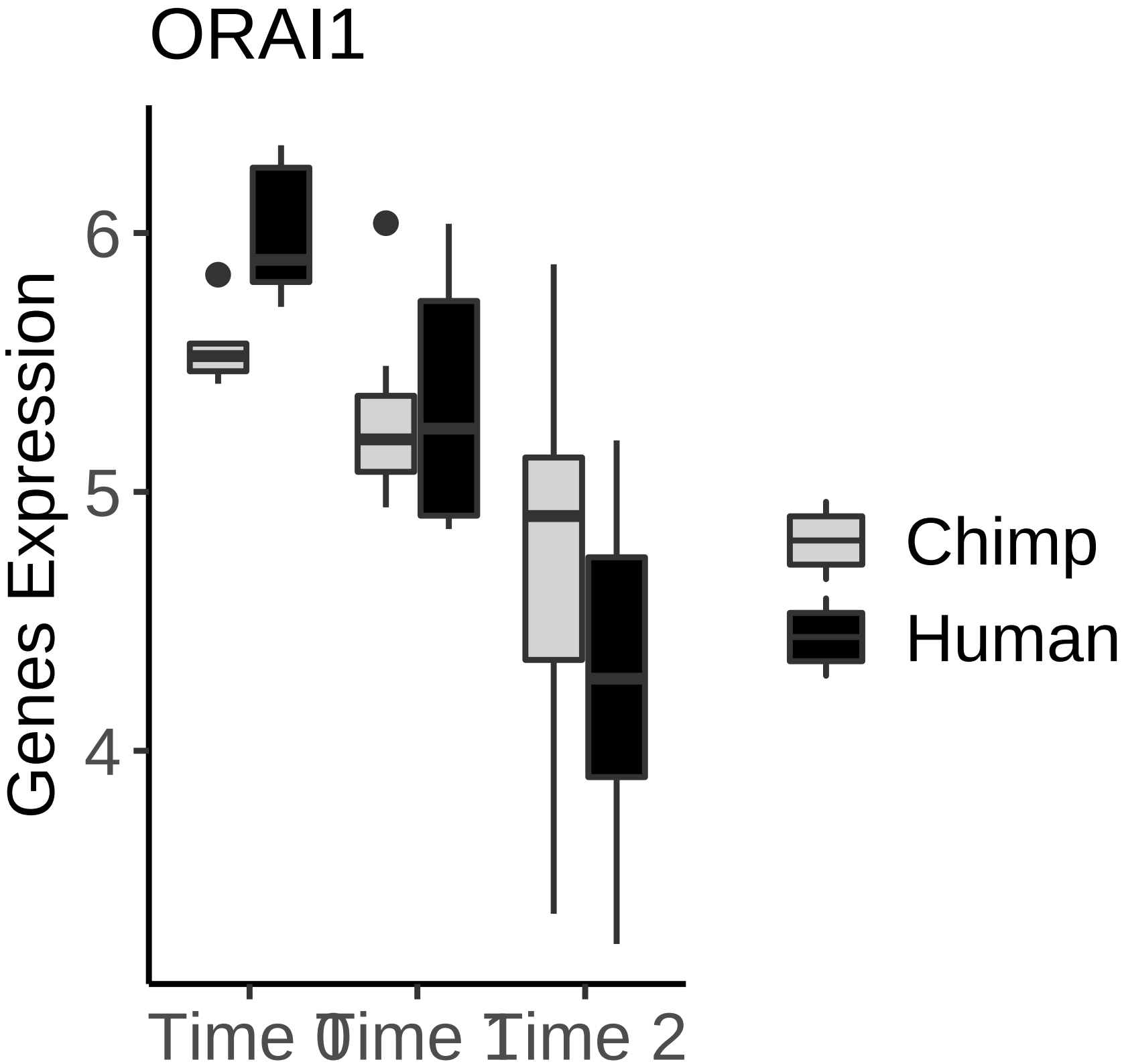
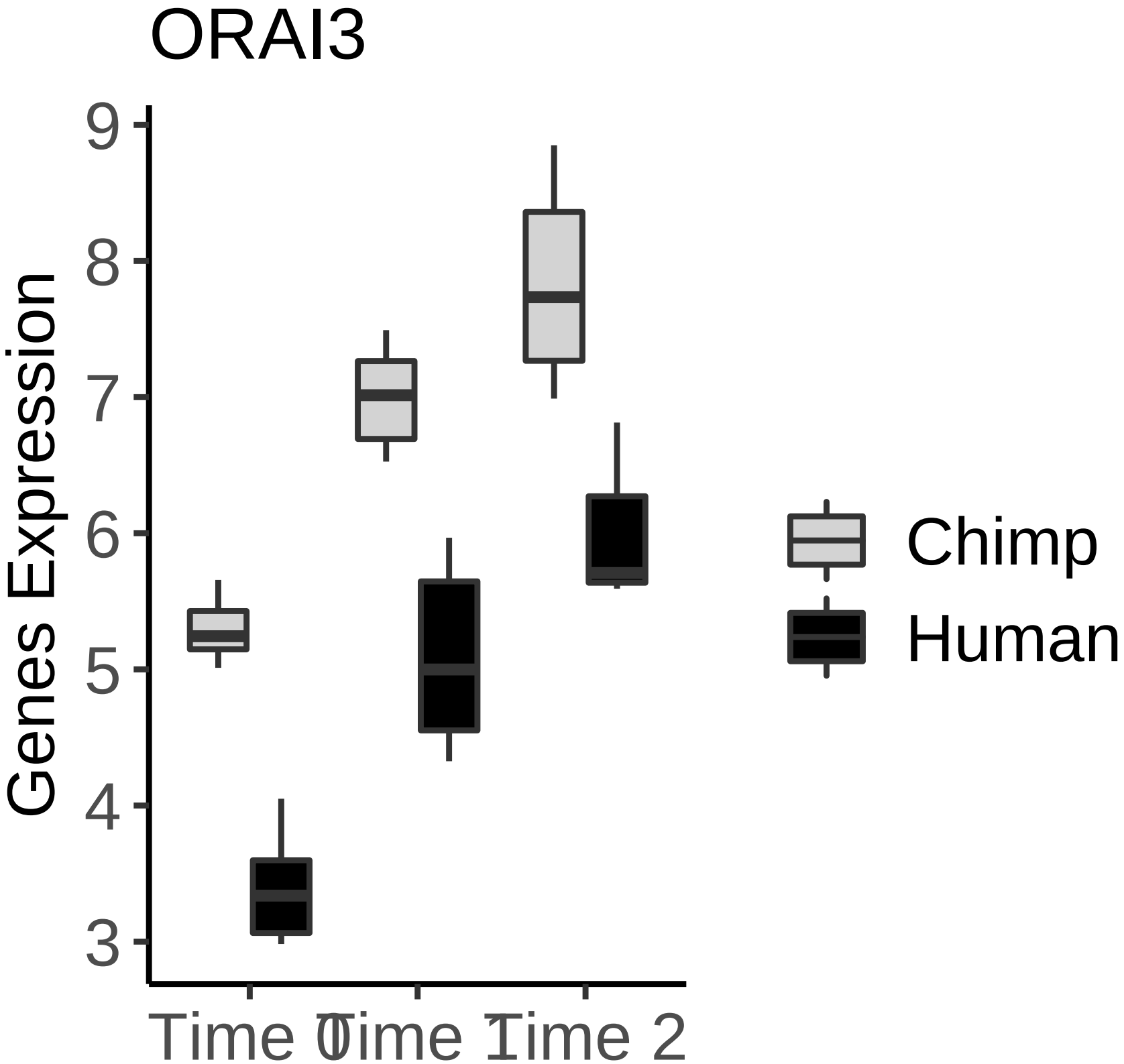

ORAI1
Genes Expression
6
5
4
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
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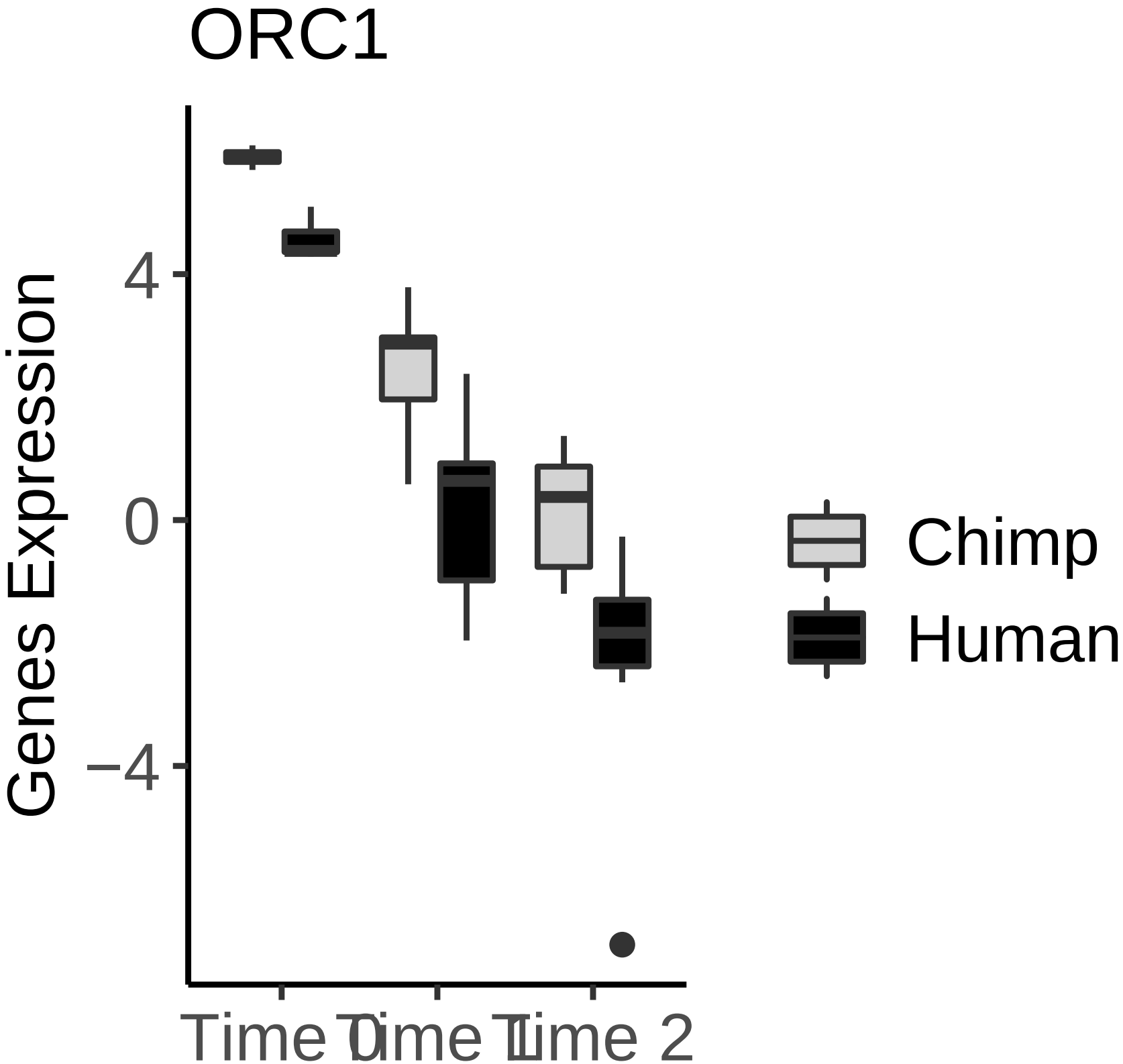
4
3
Time 0
Time 1
Time 2
Chimp
Human


ORC1
Genes Expression
4
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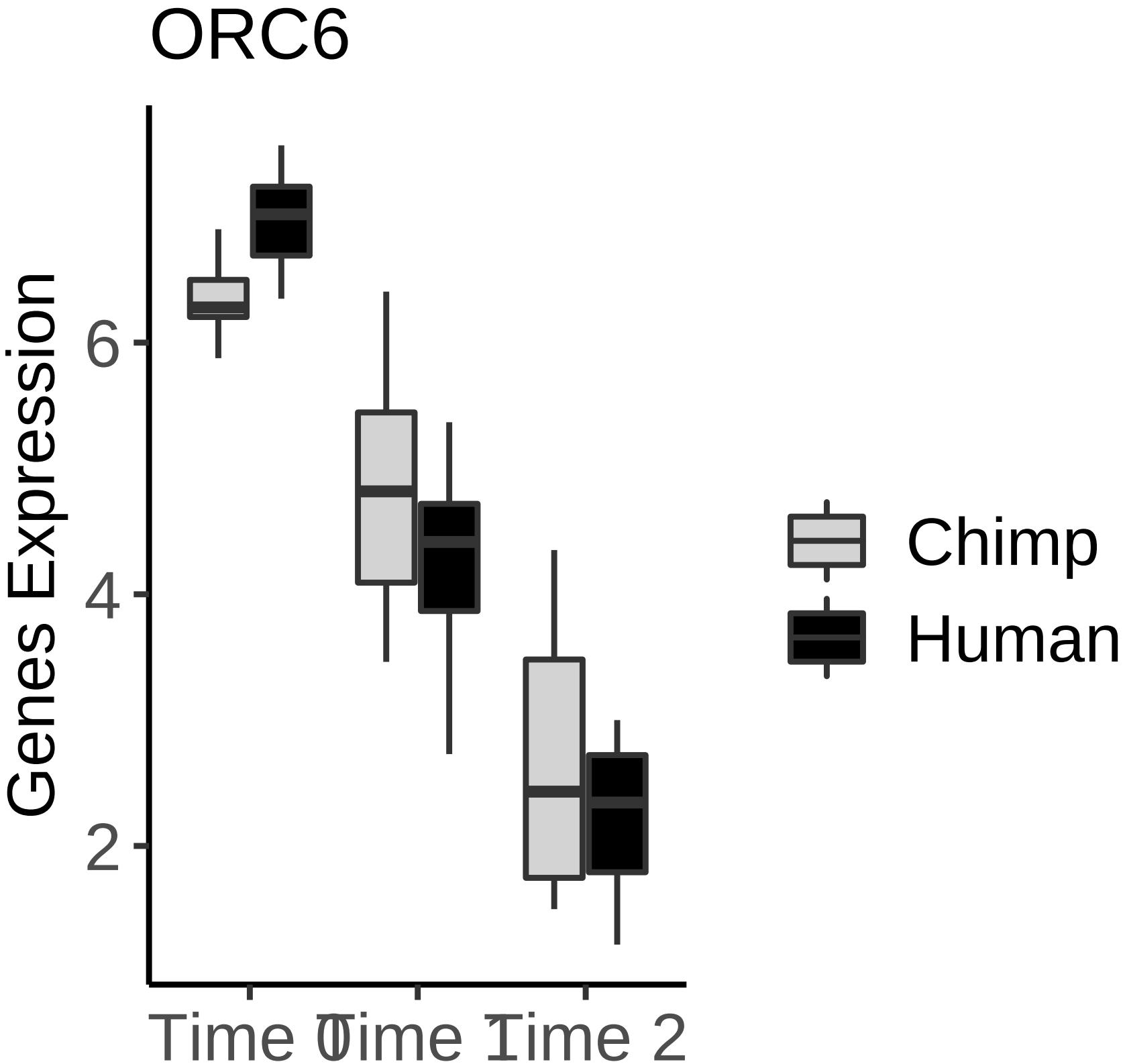
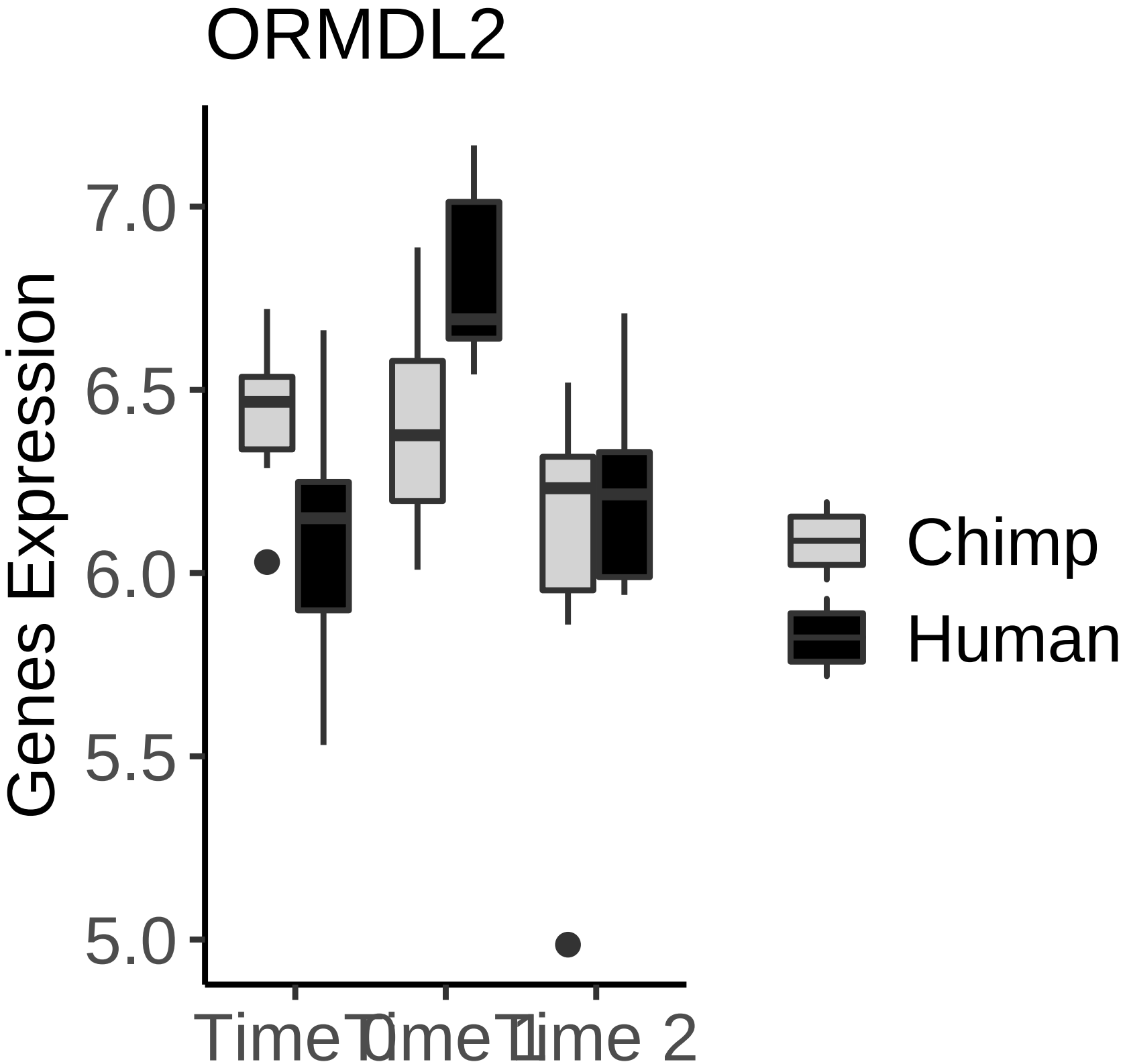
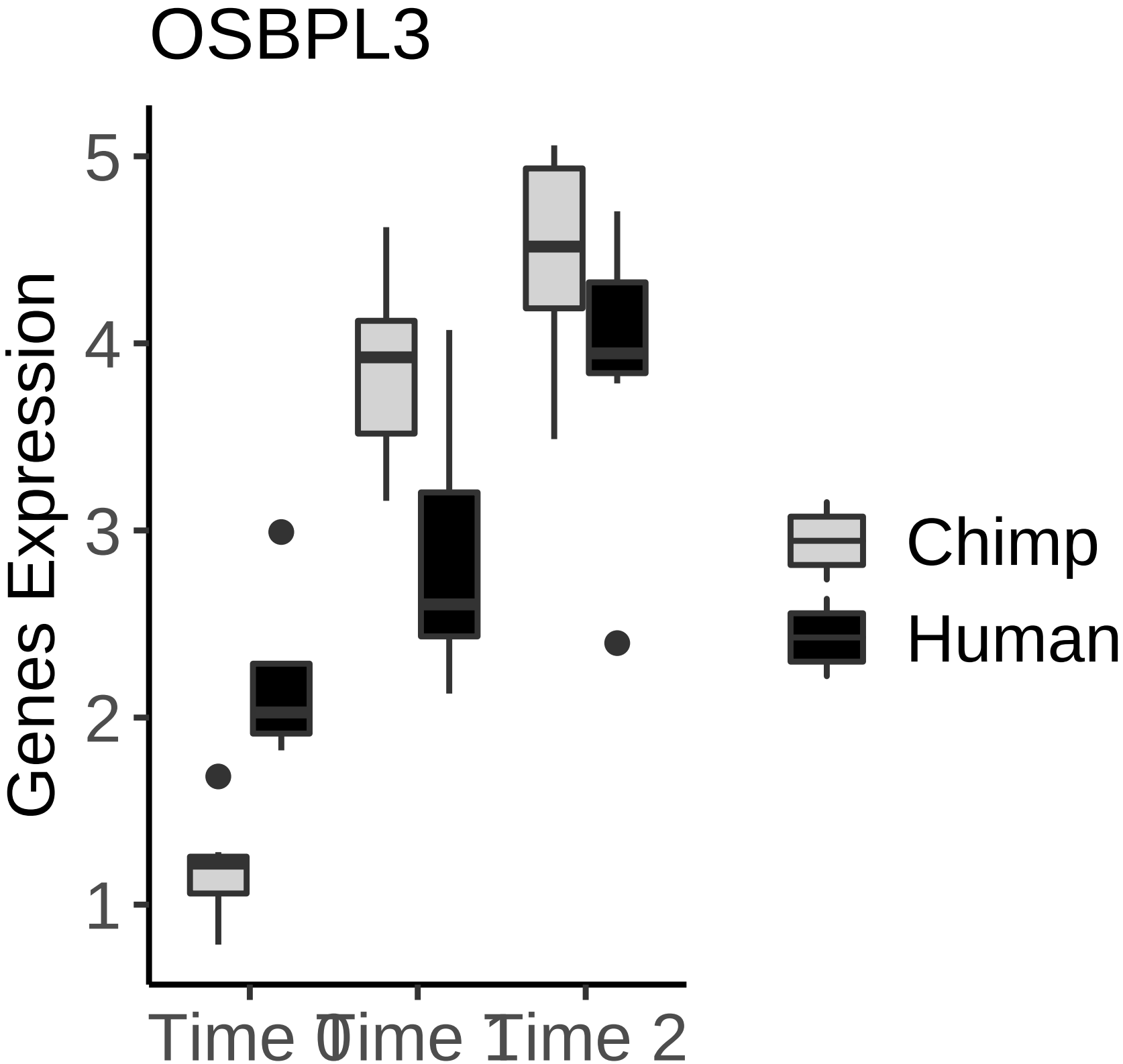
Time 0
Time 1
Time 2
Chimp
Human


ORC6
Genes Expression
6
4
2
Time 0
Time 1
Time 2
Chimp
Human


ORMDL2
Genes Expression
7.0
6.5
6.0
5.5
5.0
Time 0
Time 1
Time 2
Chimp
Human


OSBPL3
Genes Expression
5
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Time 0
Time 1
Time 2
Chimp
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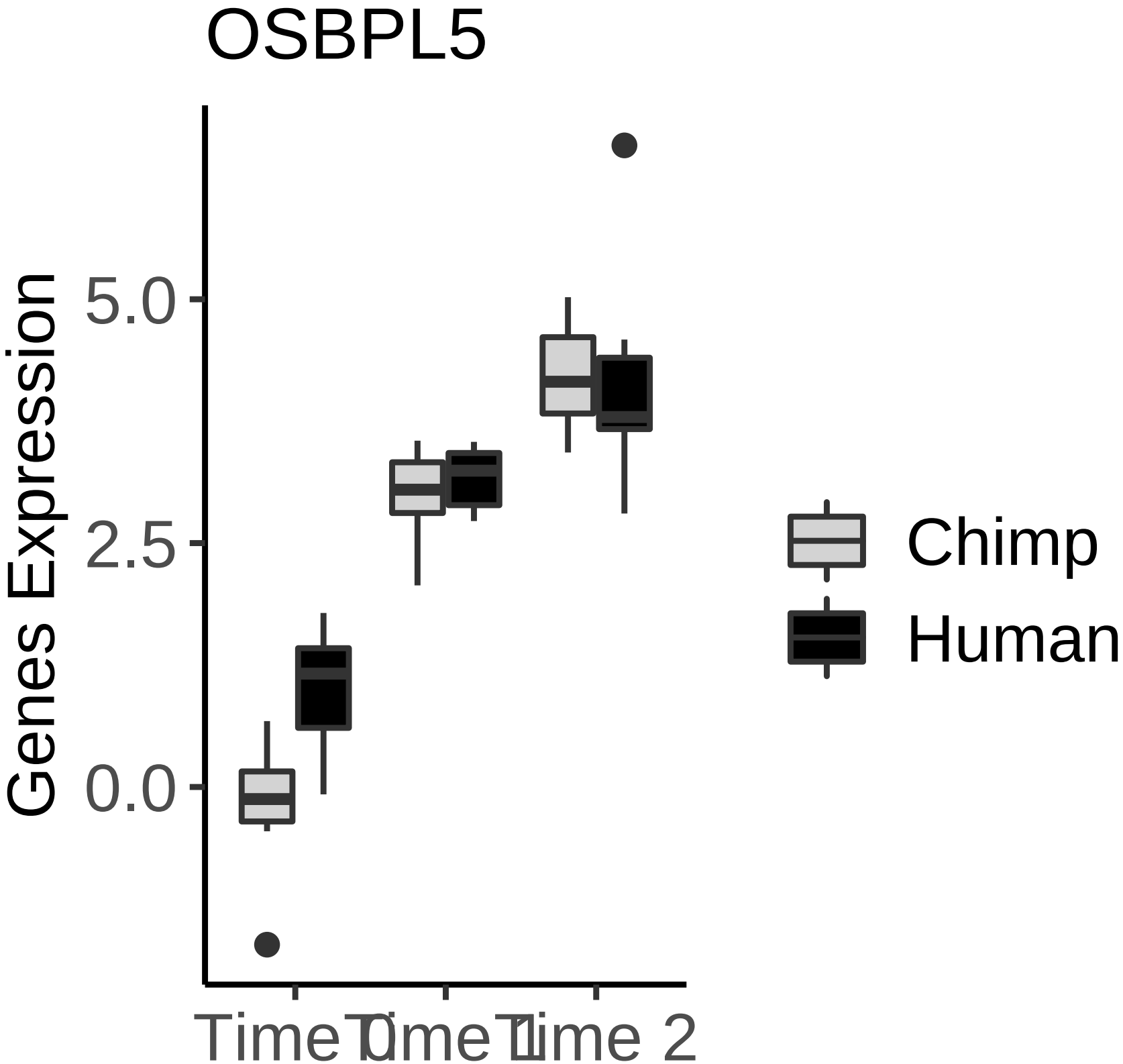
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Time 1
Time 2
Chimp
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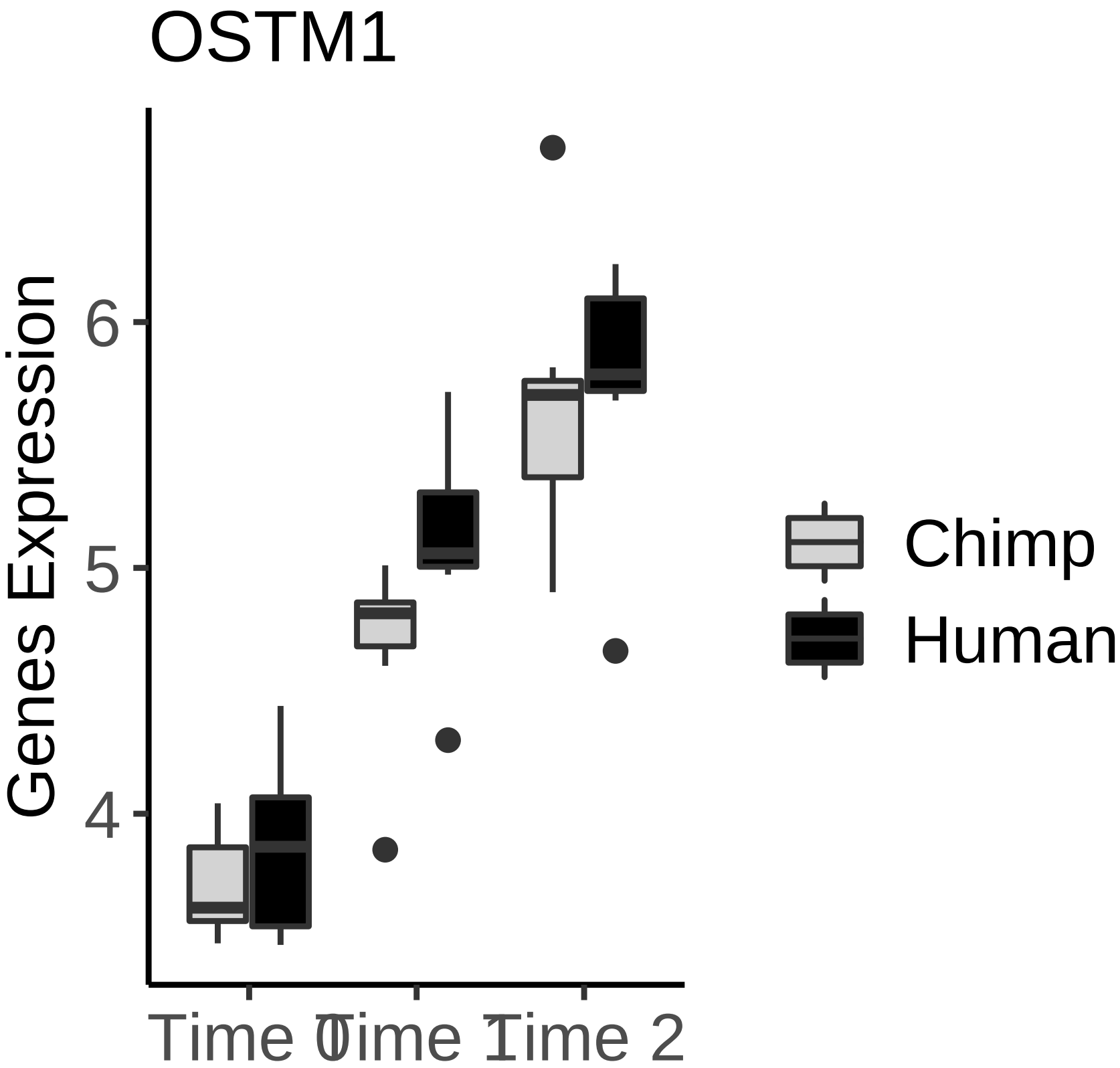
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Genes Expression
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Time 2
Chimp
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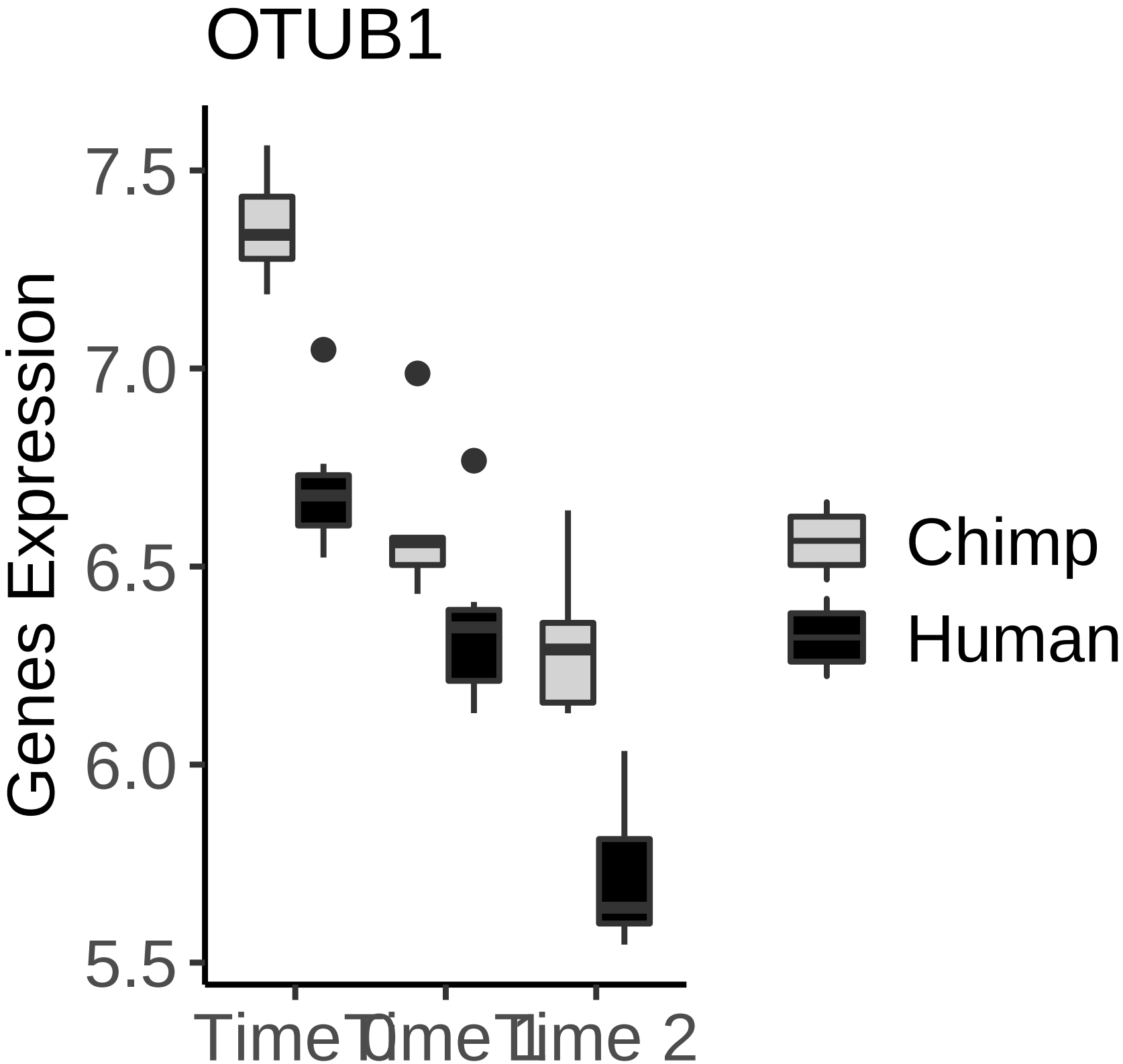
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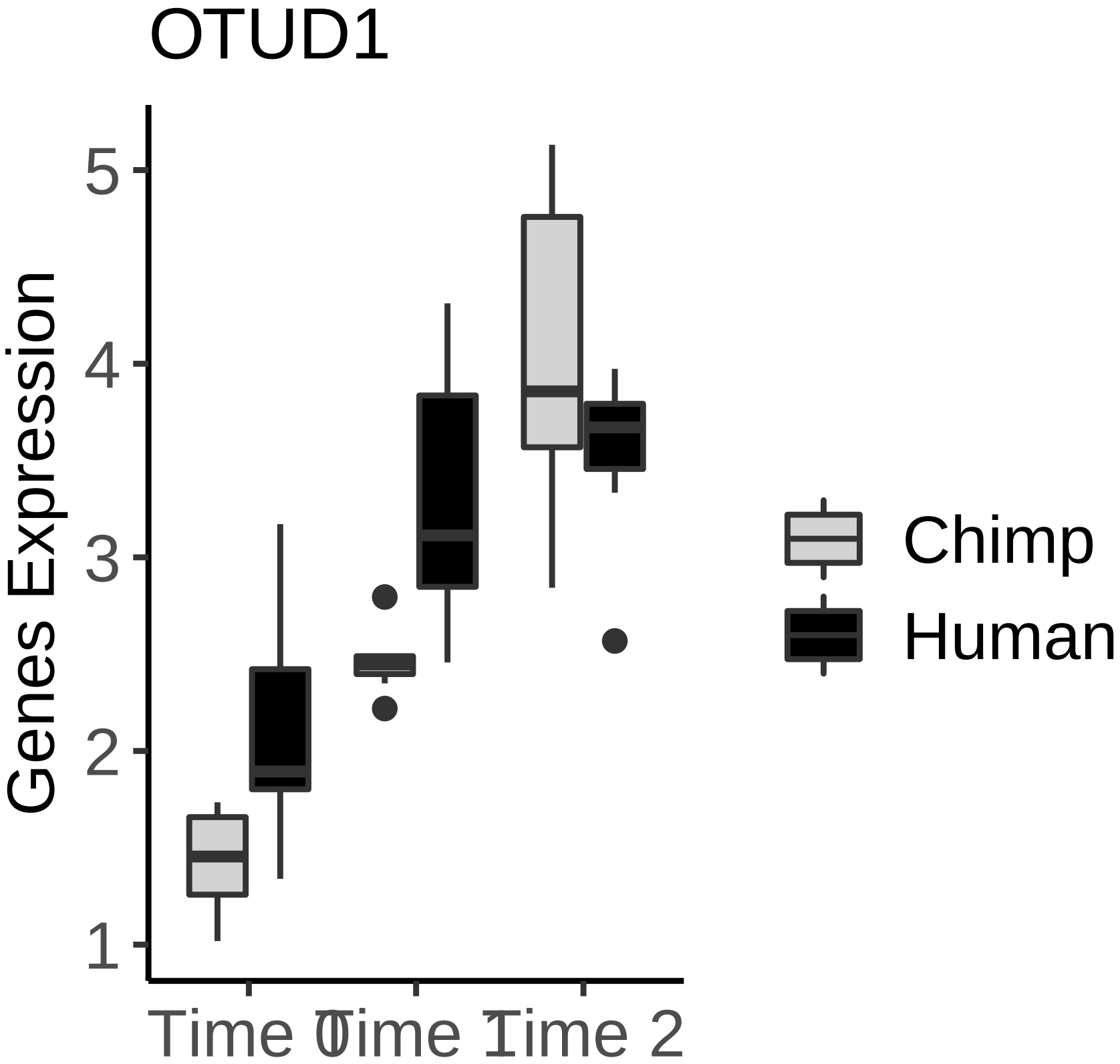
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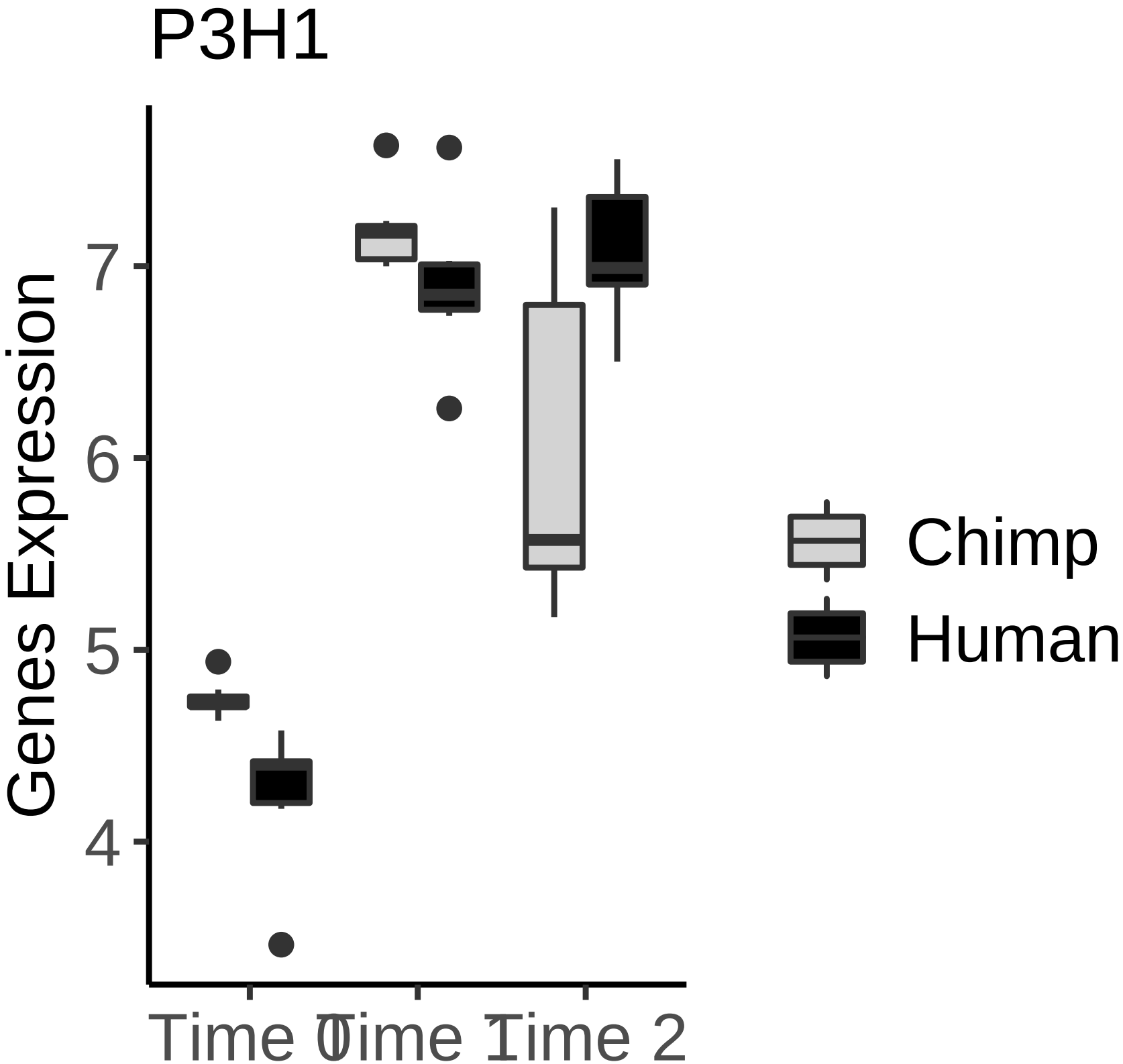
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Time 2
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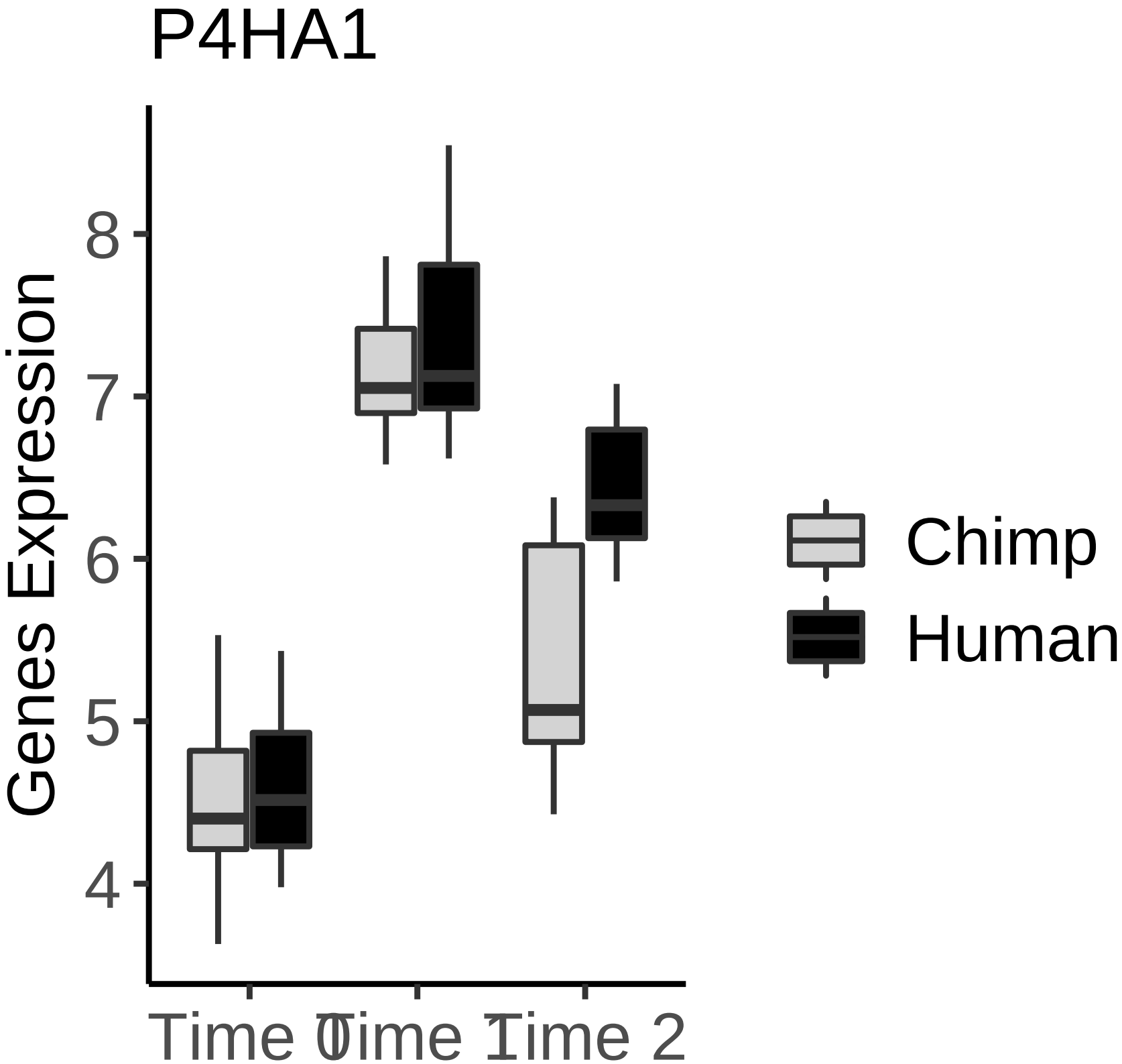
P4HA1
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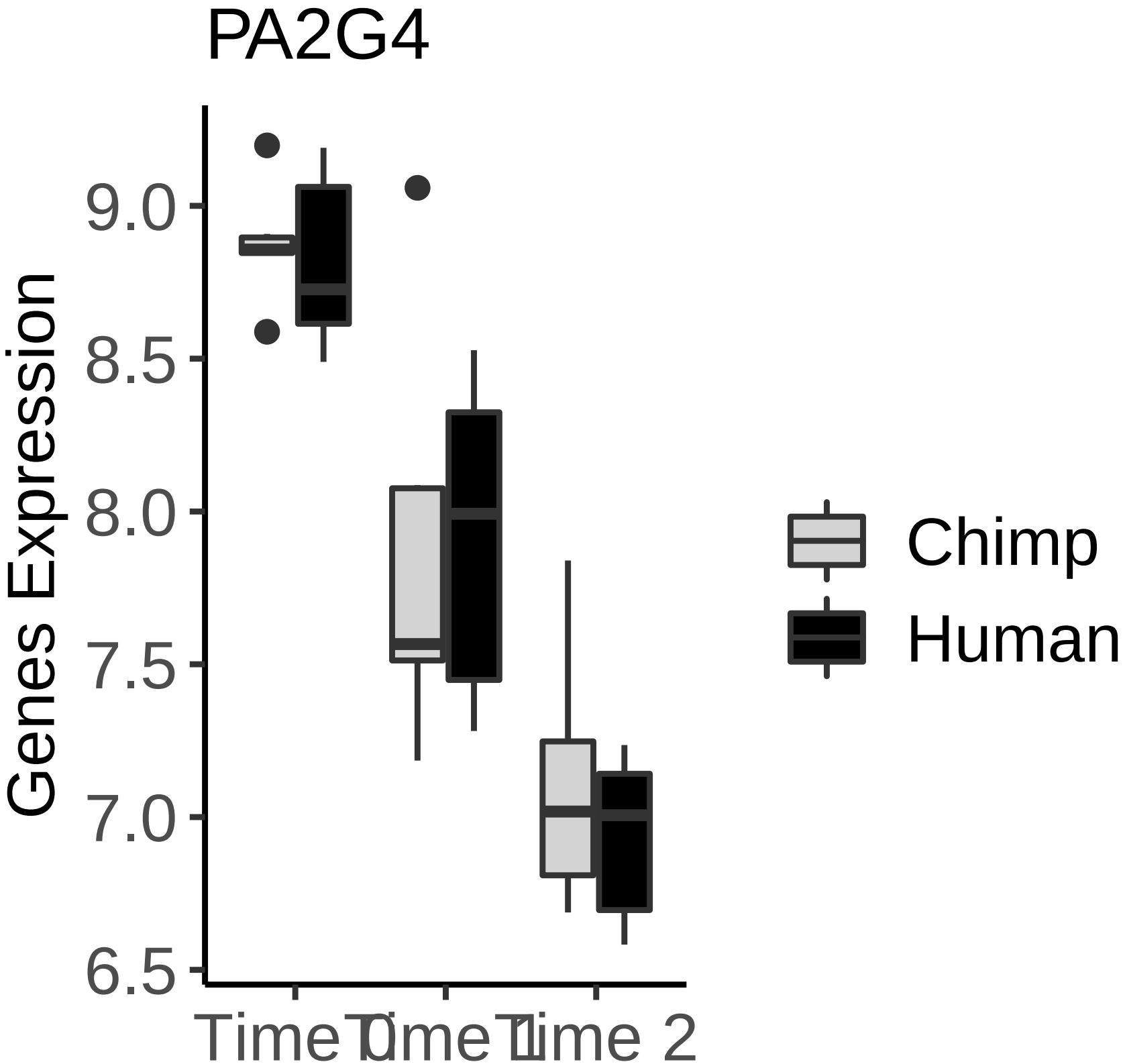
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8.0
7.5
7.0
6.5
Time 0
Time 1
Time 2
Chimp
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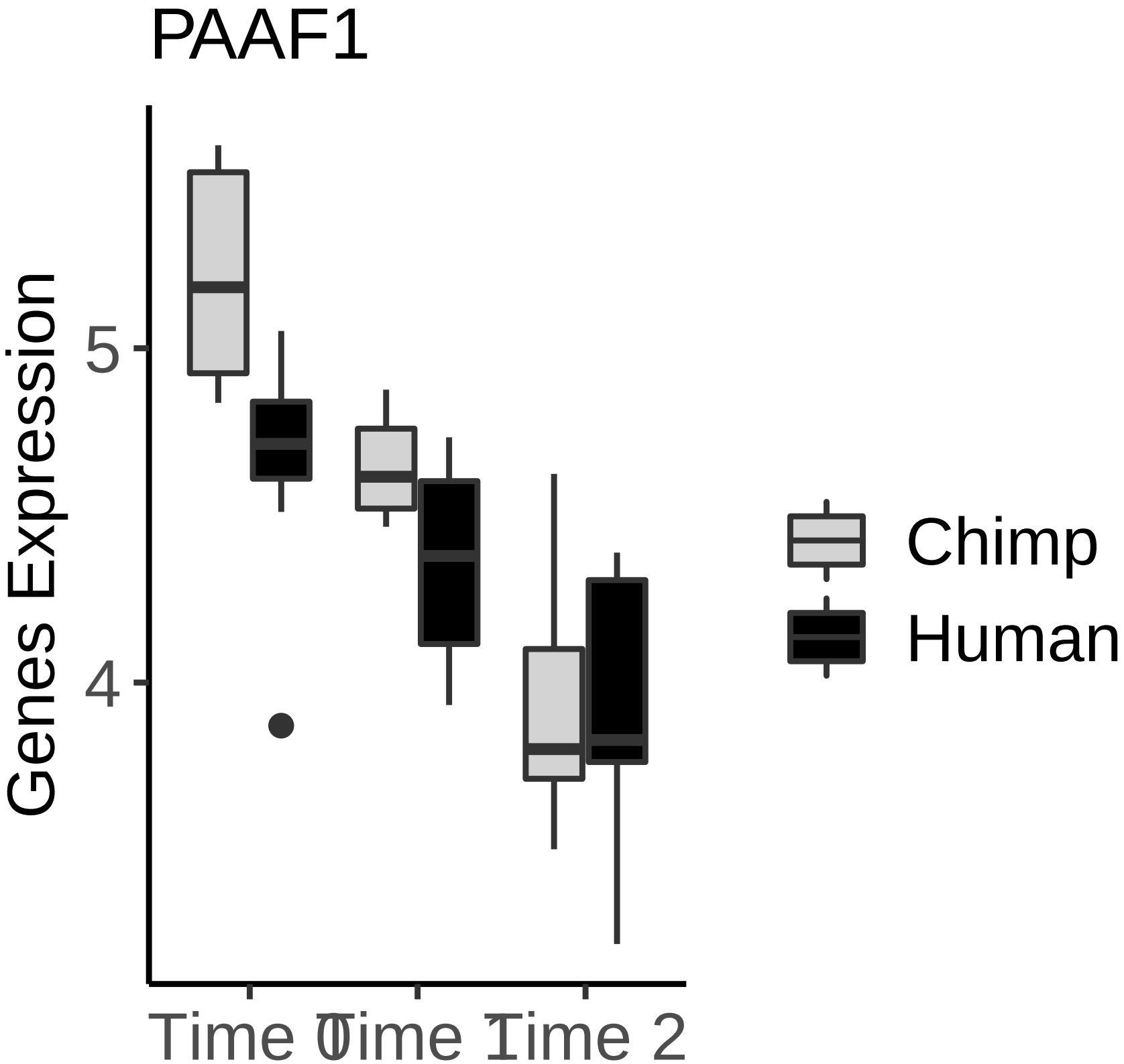
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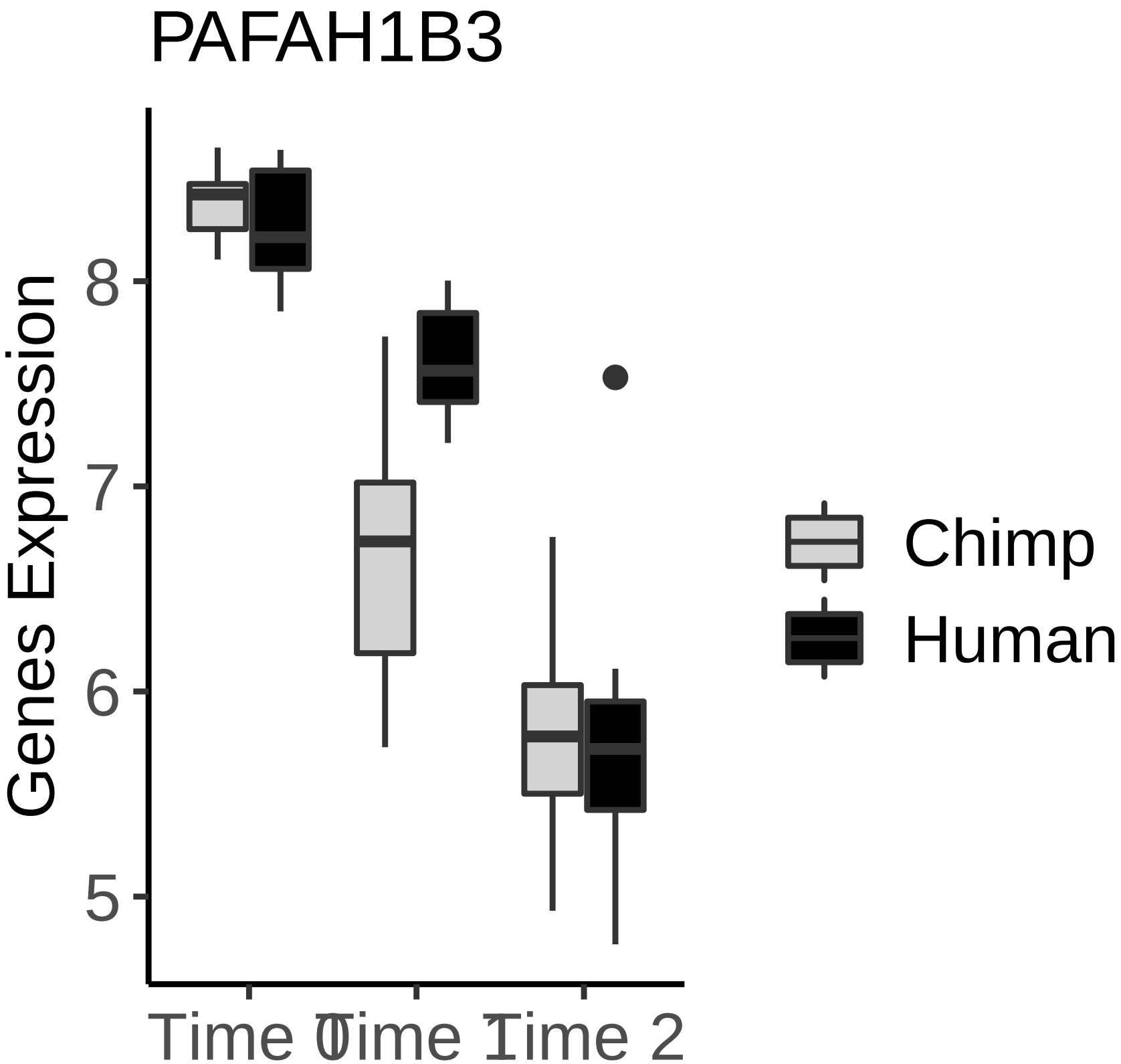
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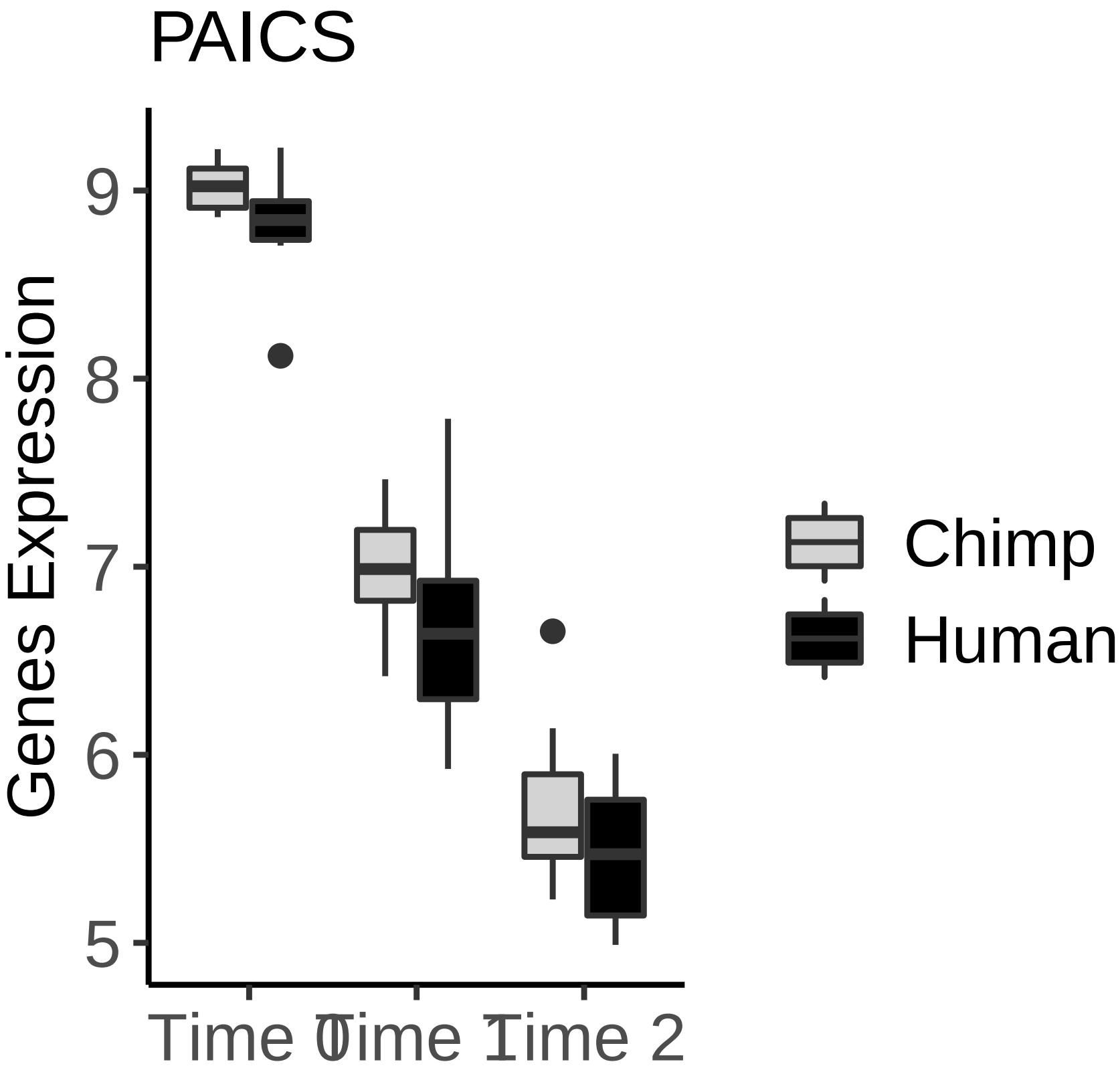
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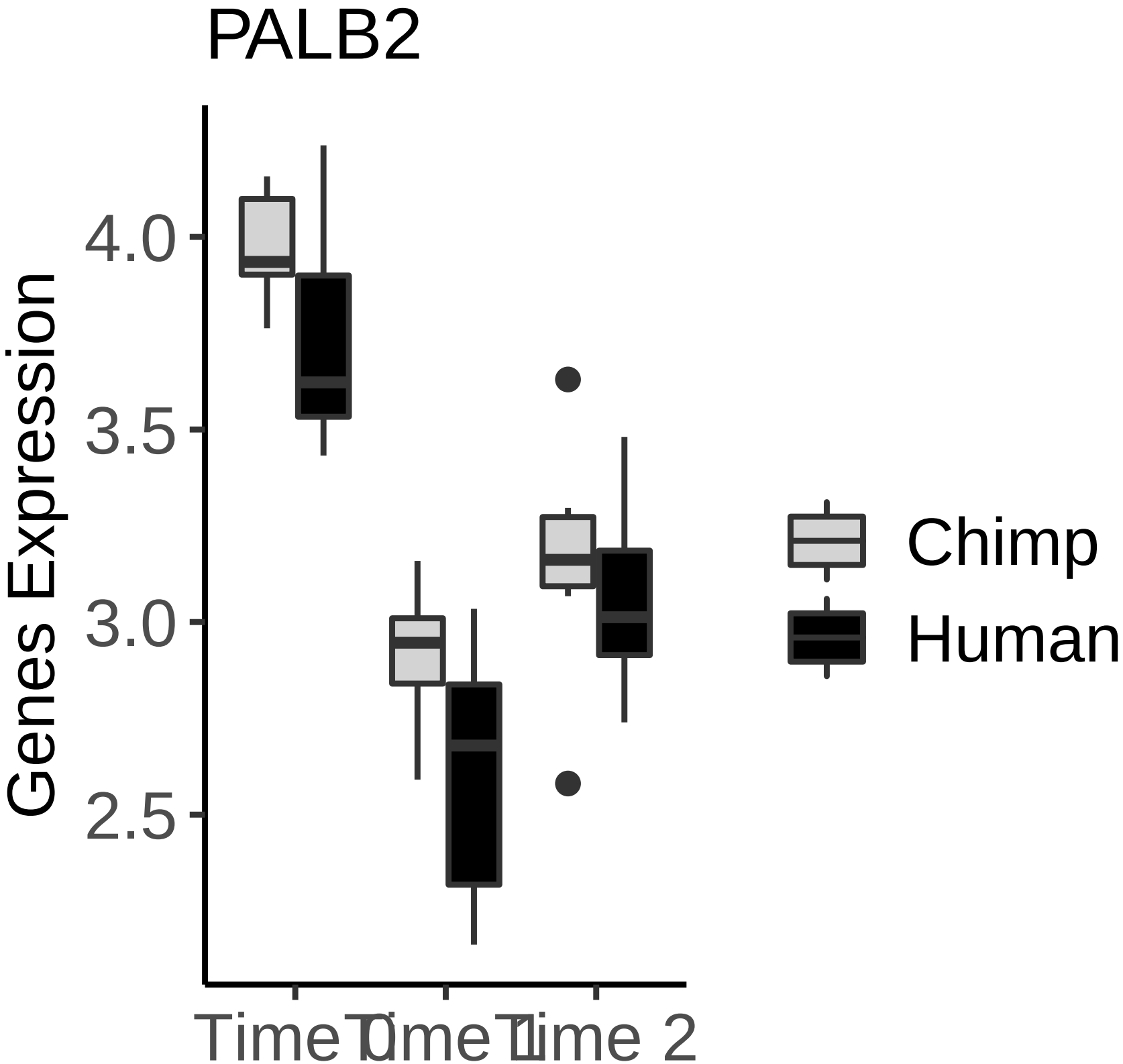
PALB2
Genes Expression
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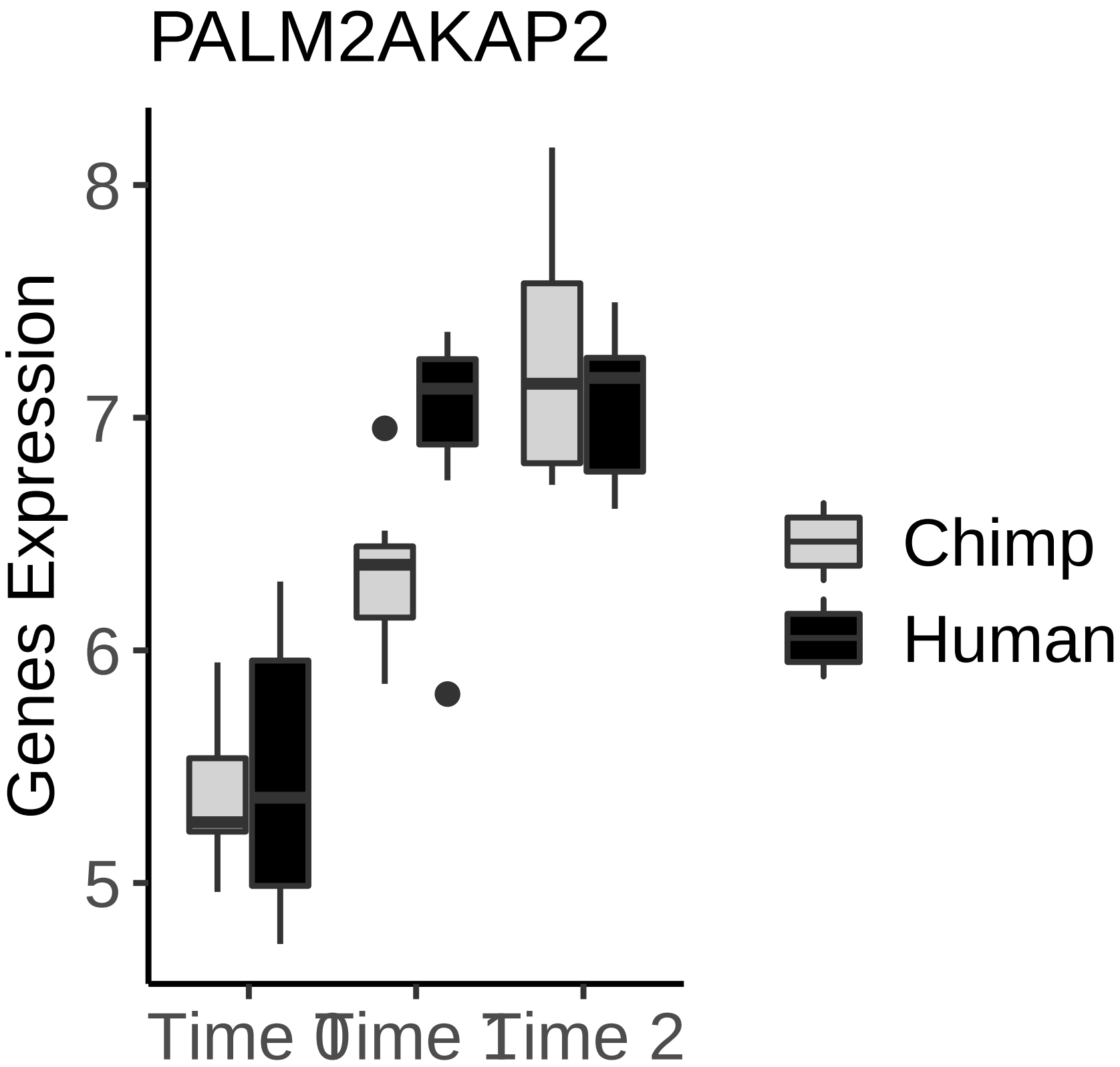
3.5
3.0
2.5
Time 0
Time 1
Time 2
Chimp
Human


PALM2AKAP2
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6
5
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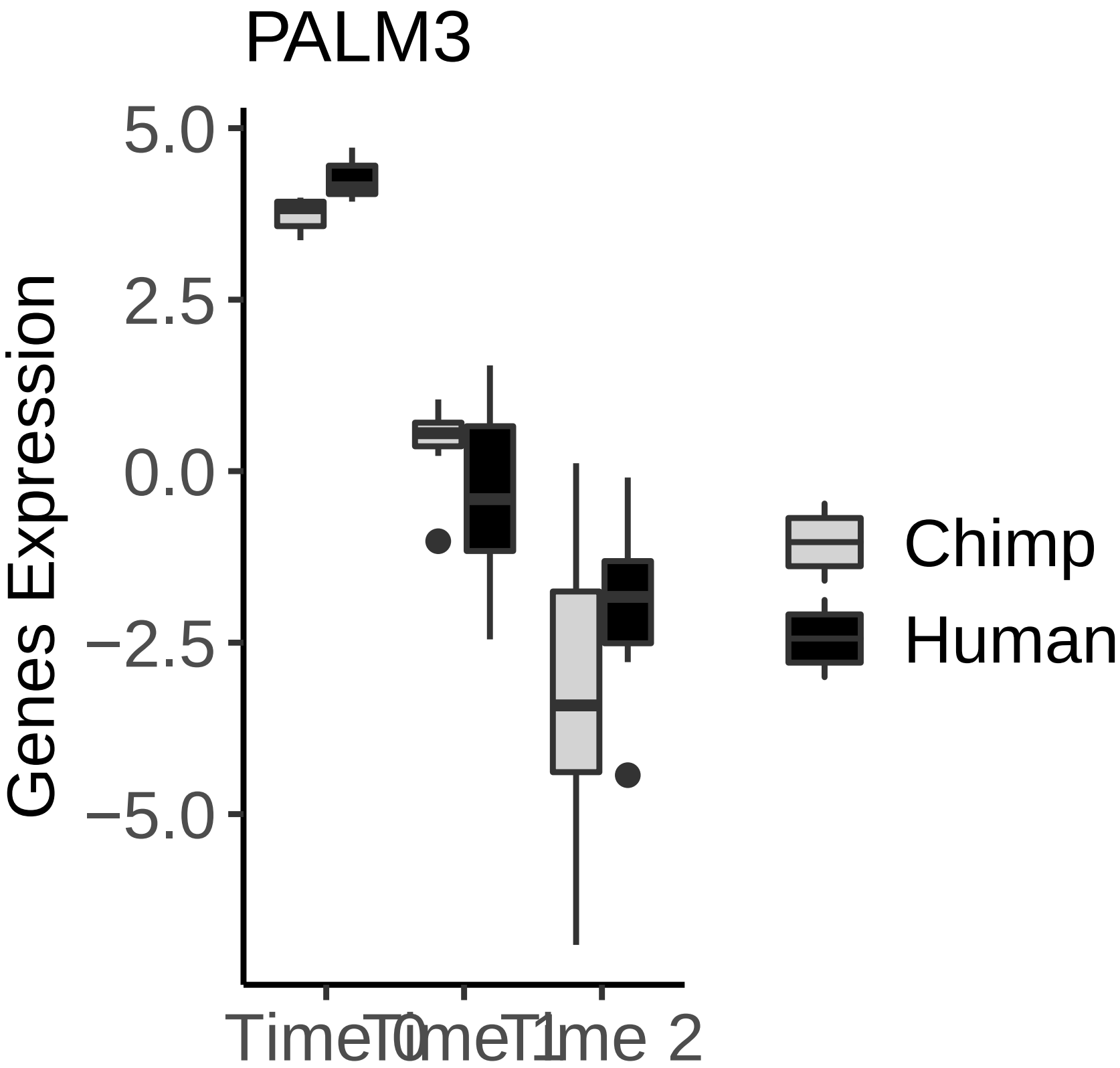
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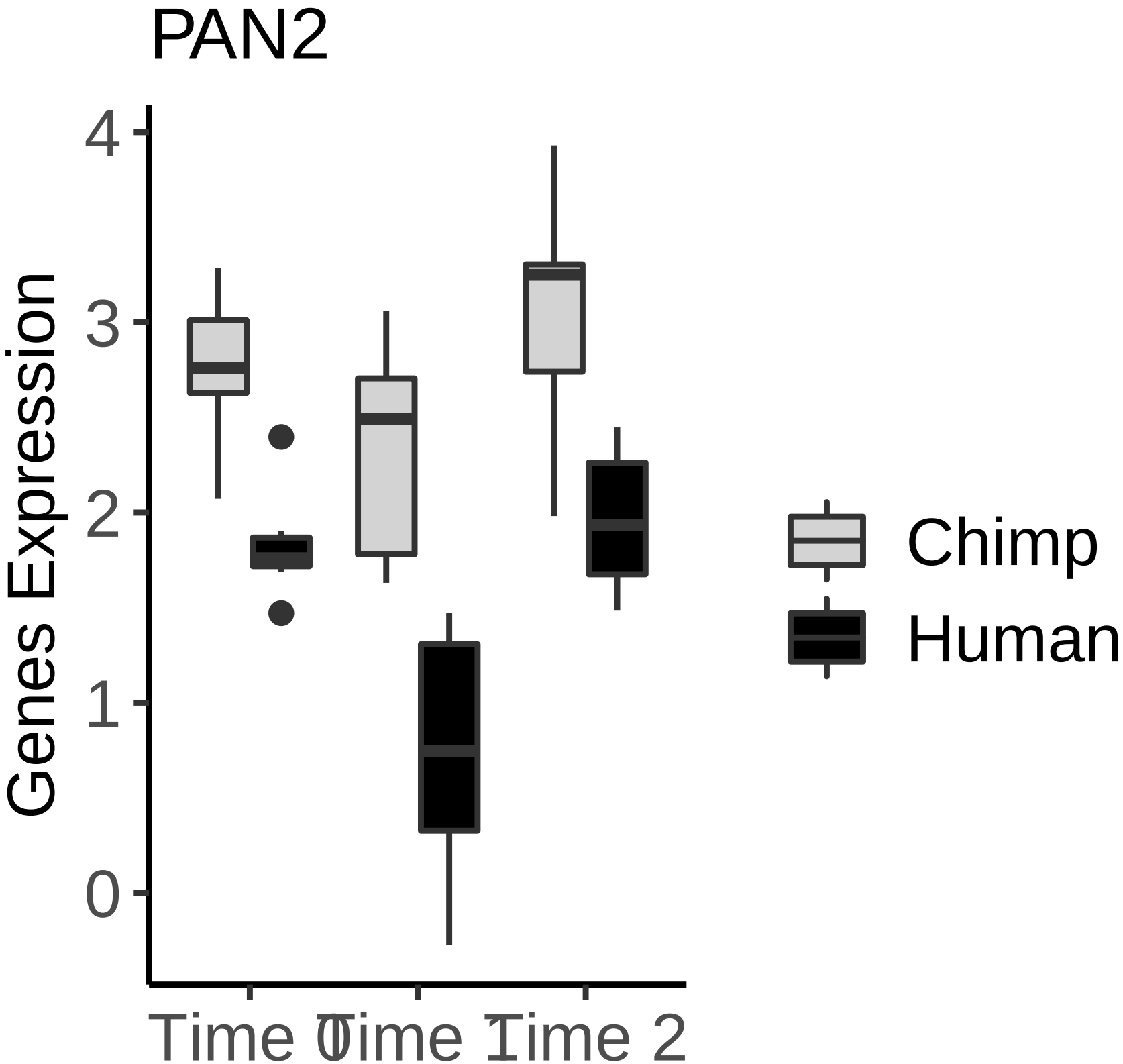
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
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Time 2
Chimp
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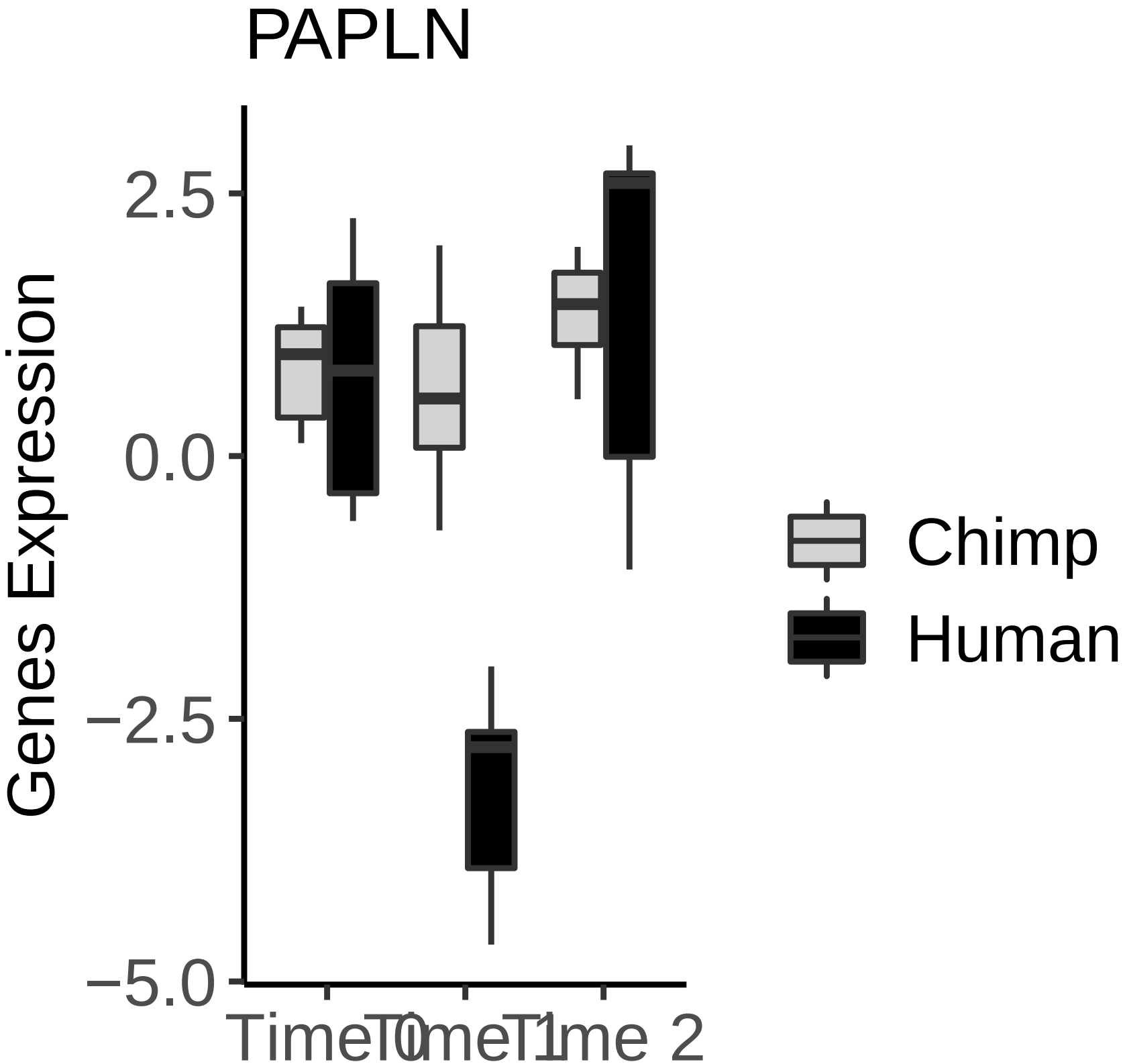
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Time 2
Chimp
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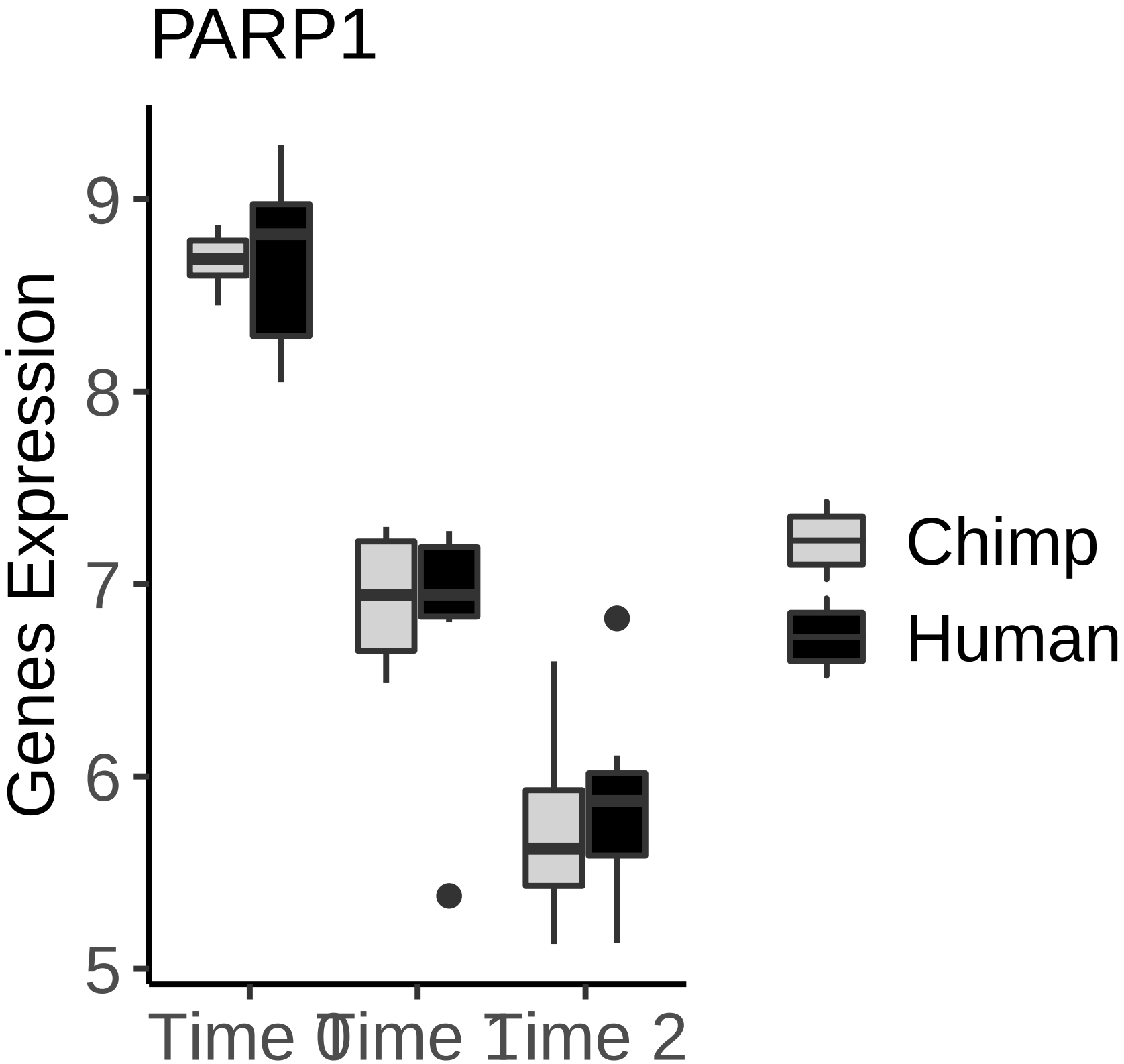
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Genes Expression
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Time 2
Chimp
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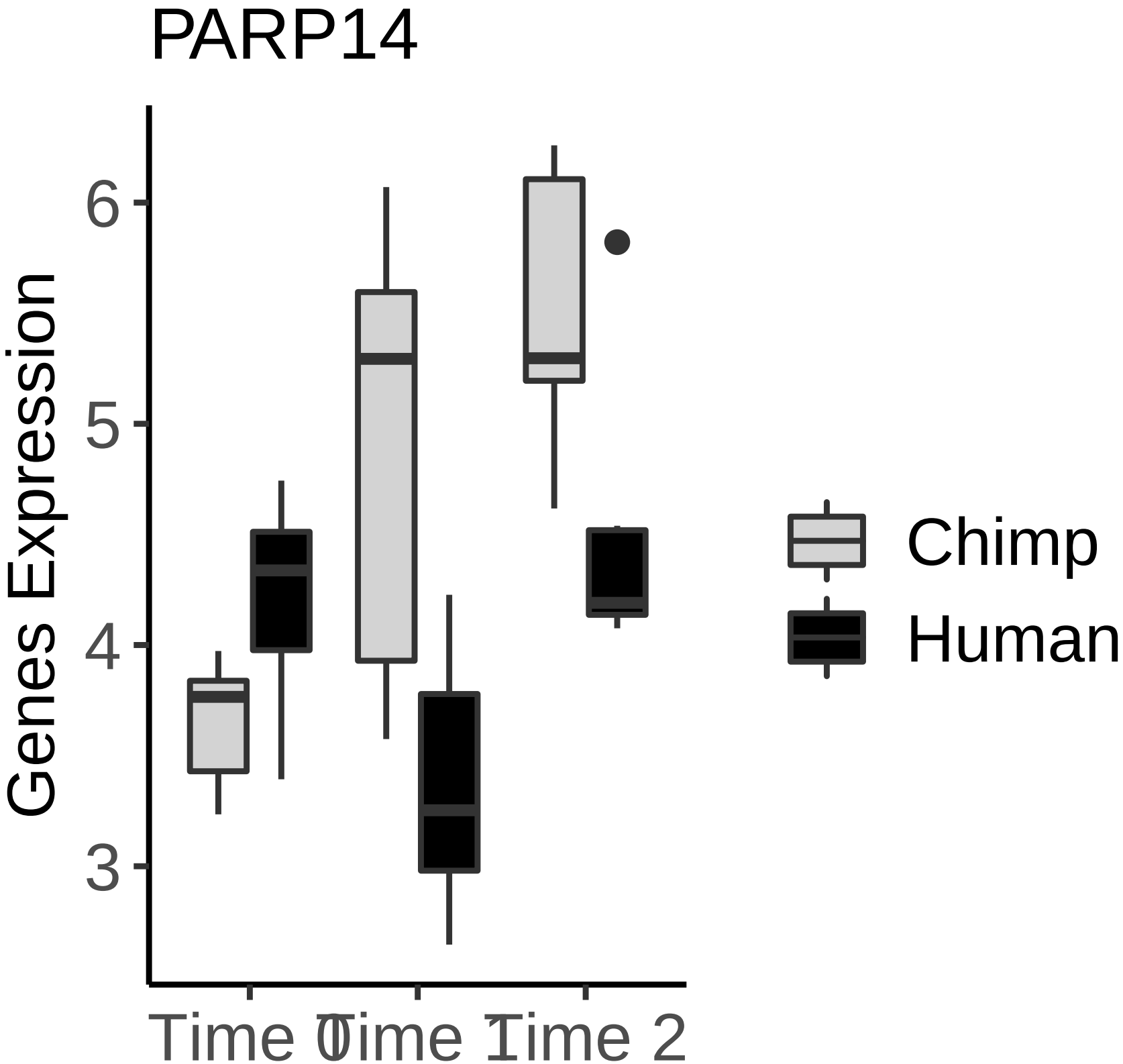
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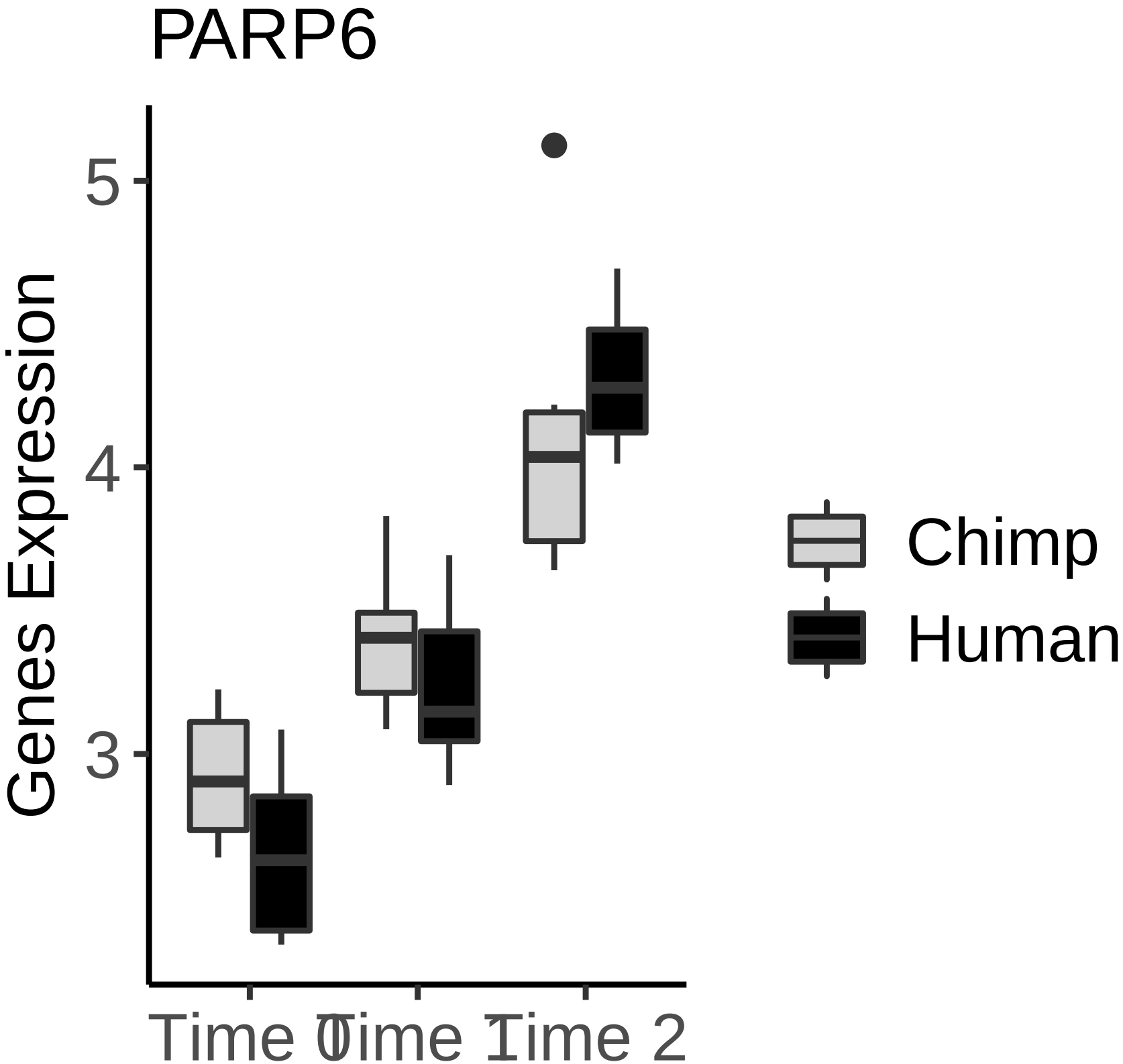
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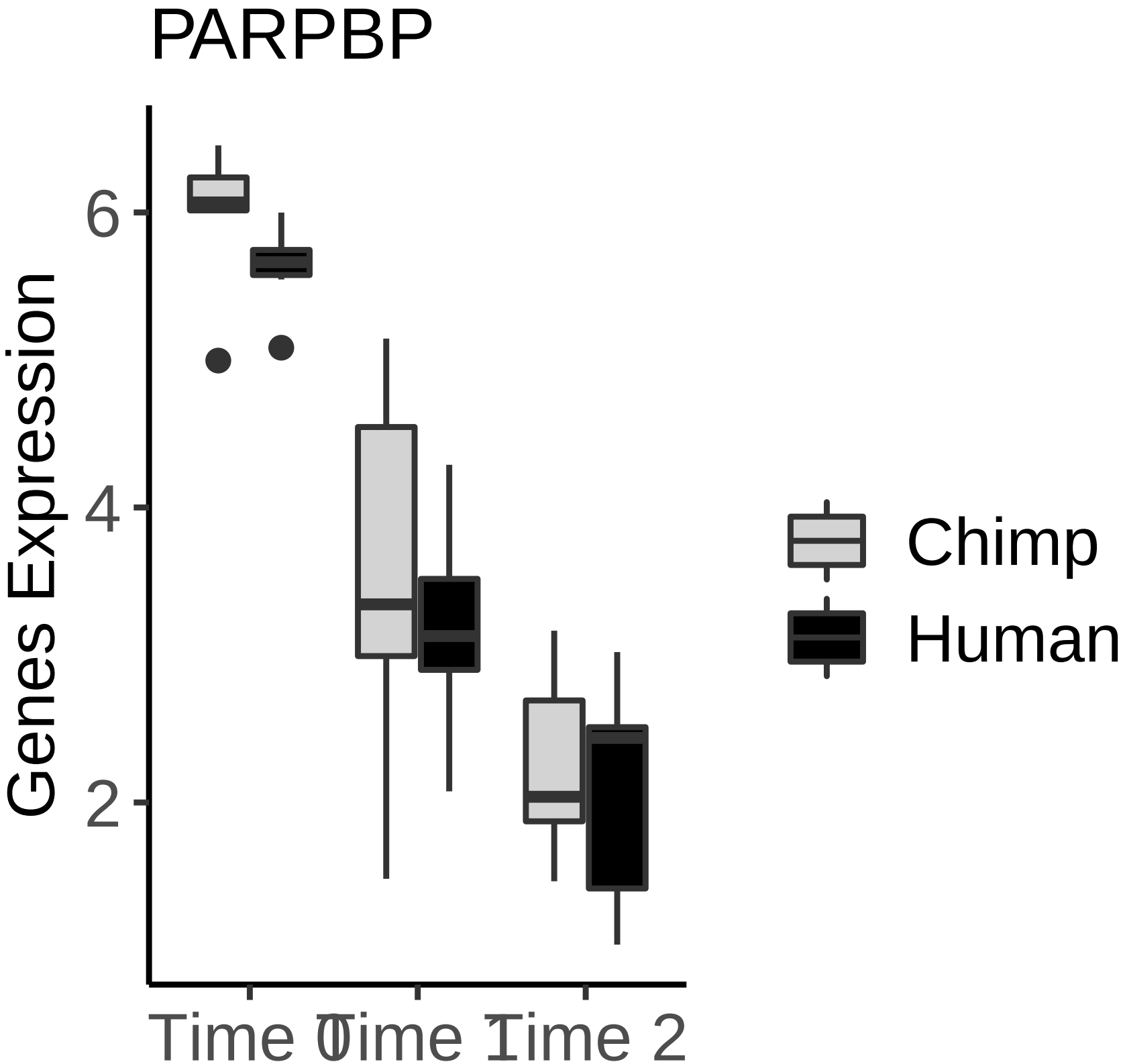
PARPBP
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Time 0
Time 1
Time 2
Chimp
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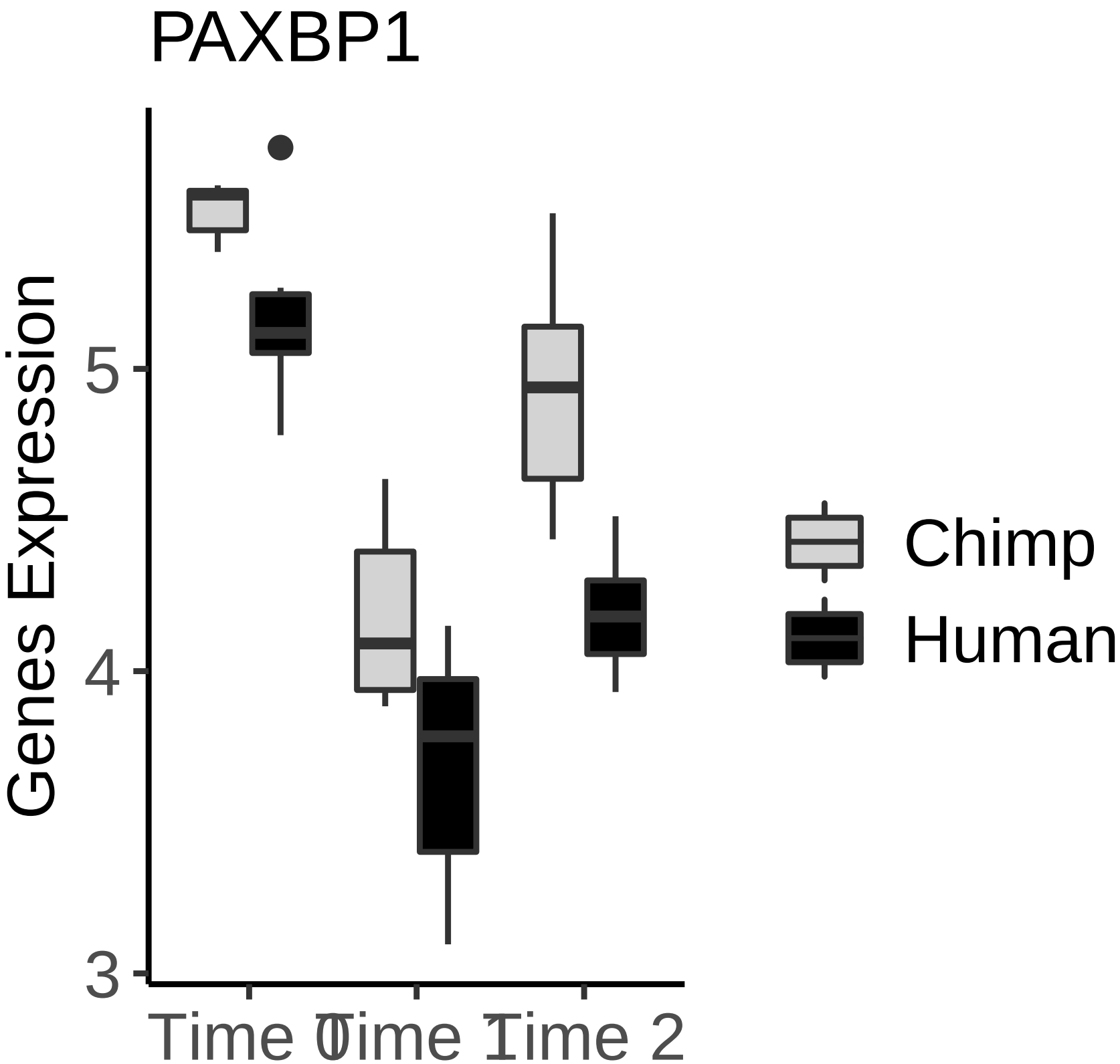
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Time 2
Chimp
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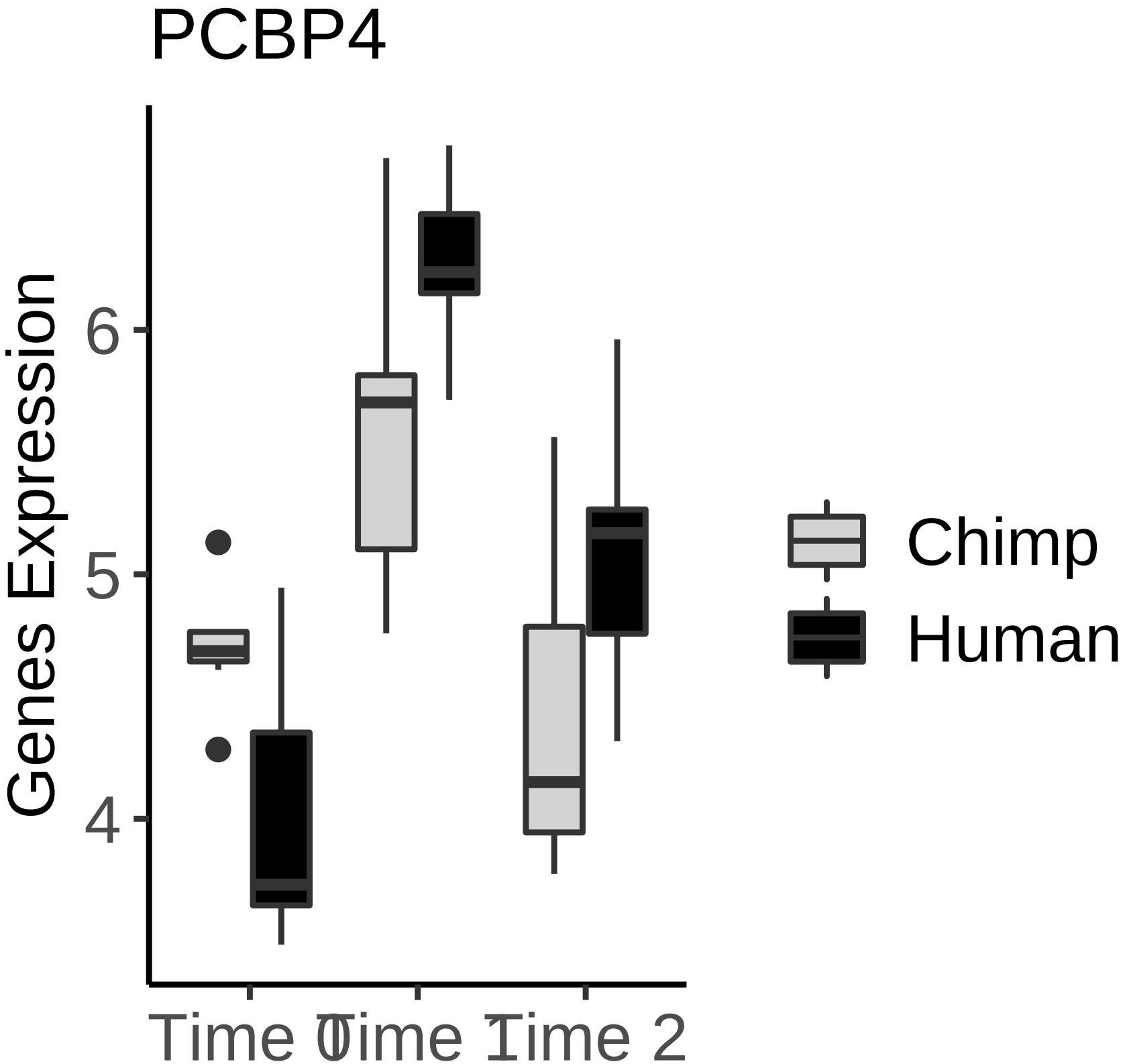
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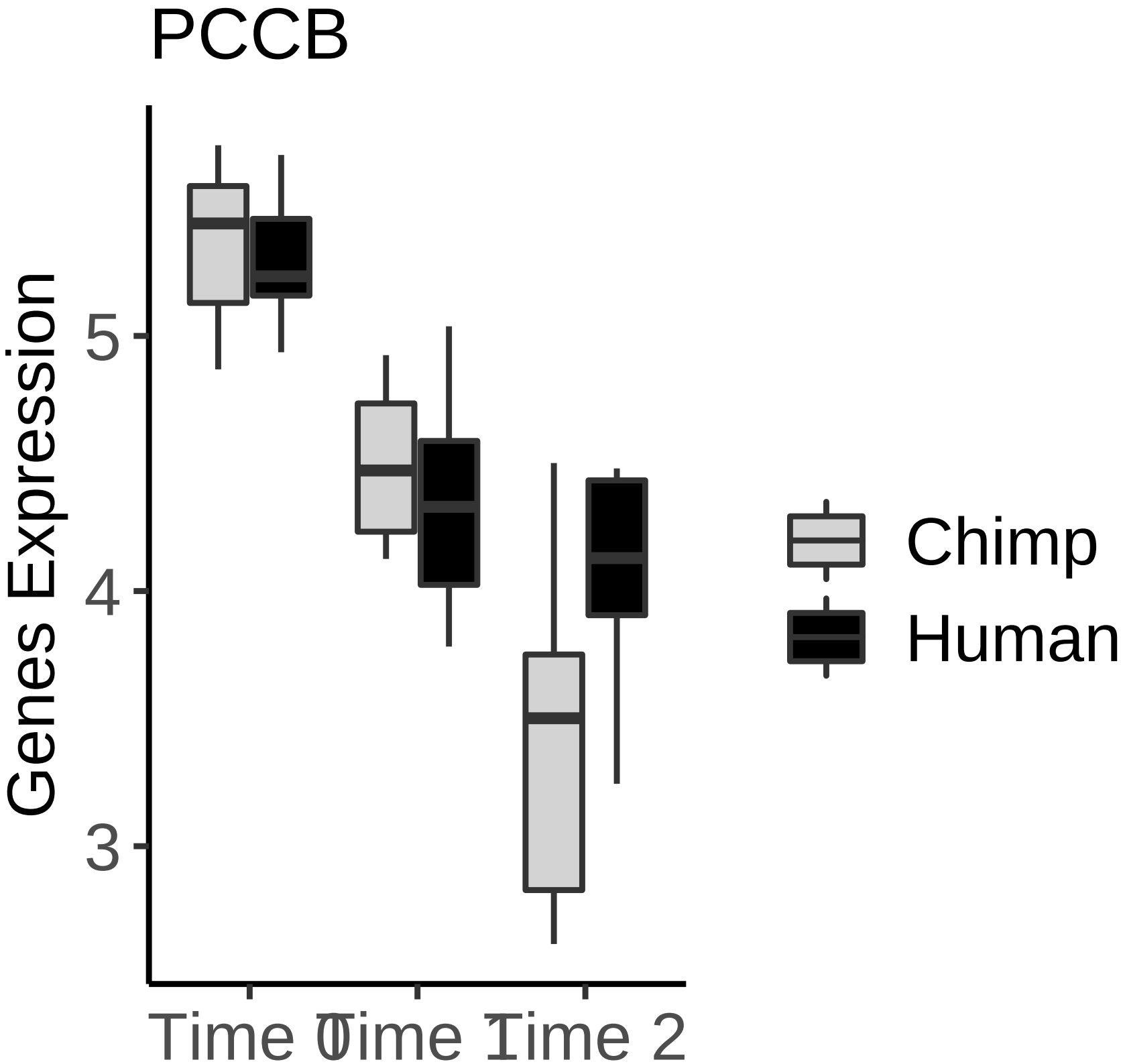
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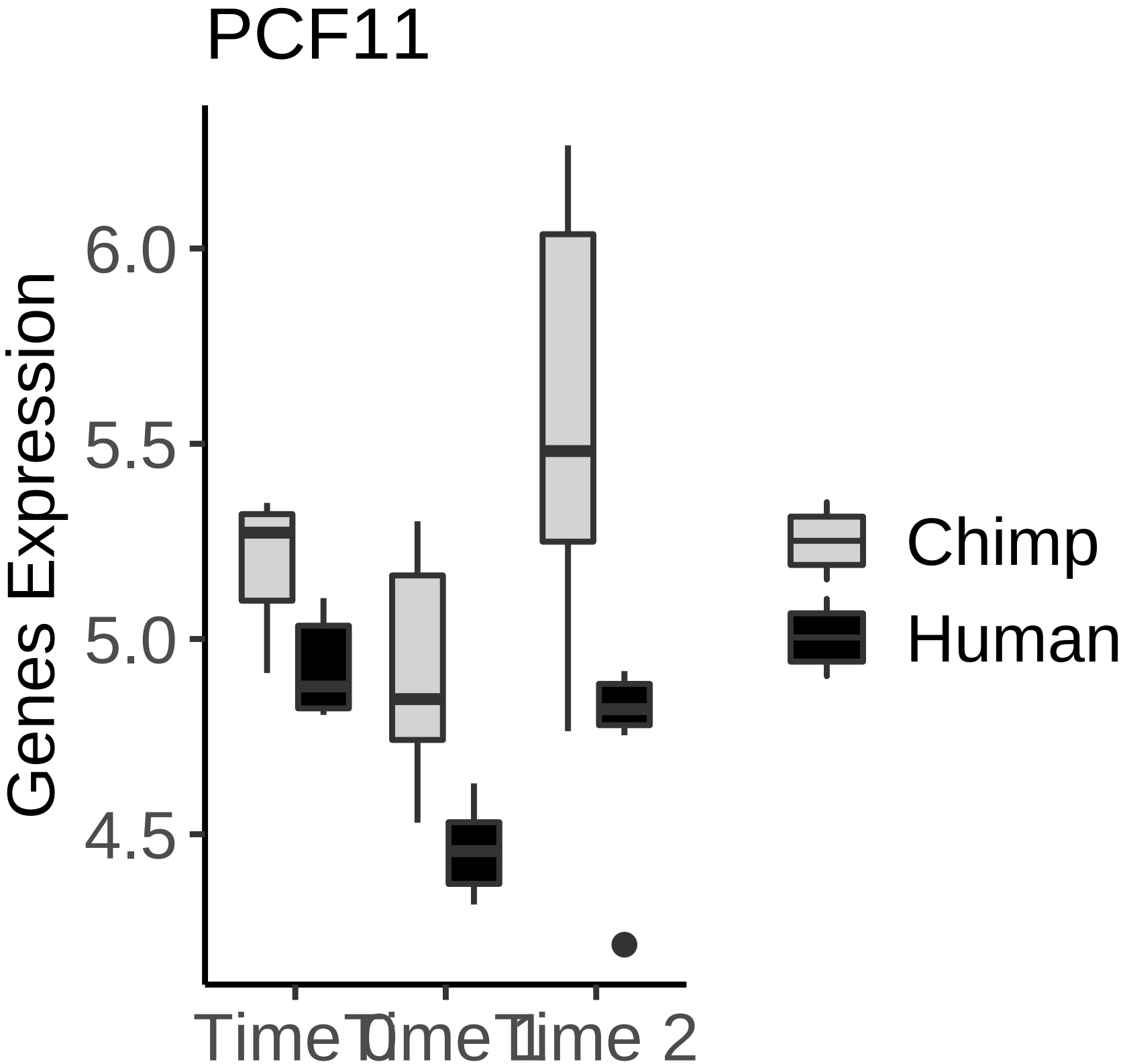
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Time 2
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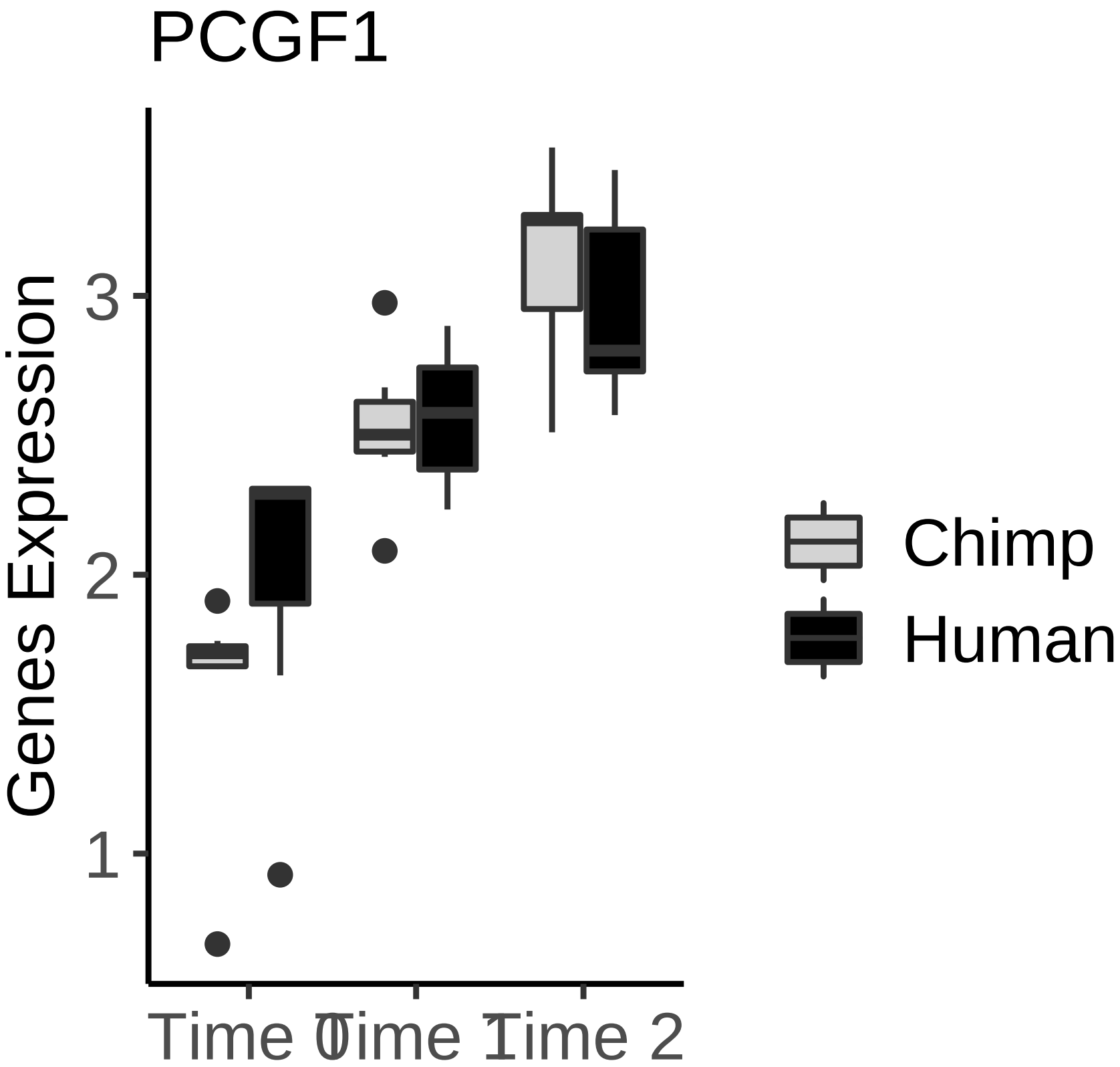
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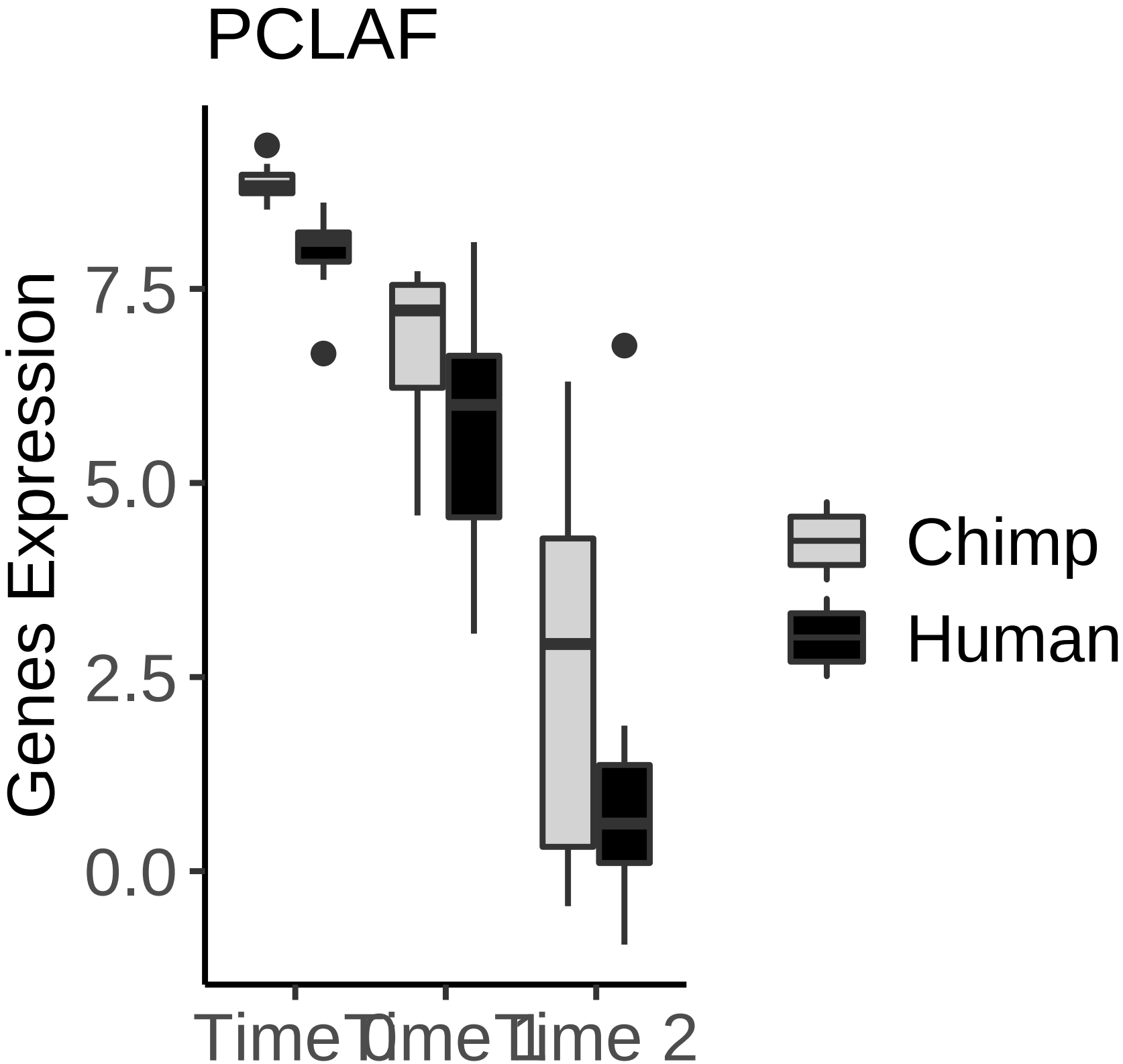
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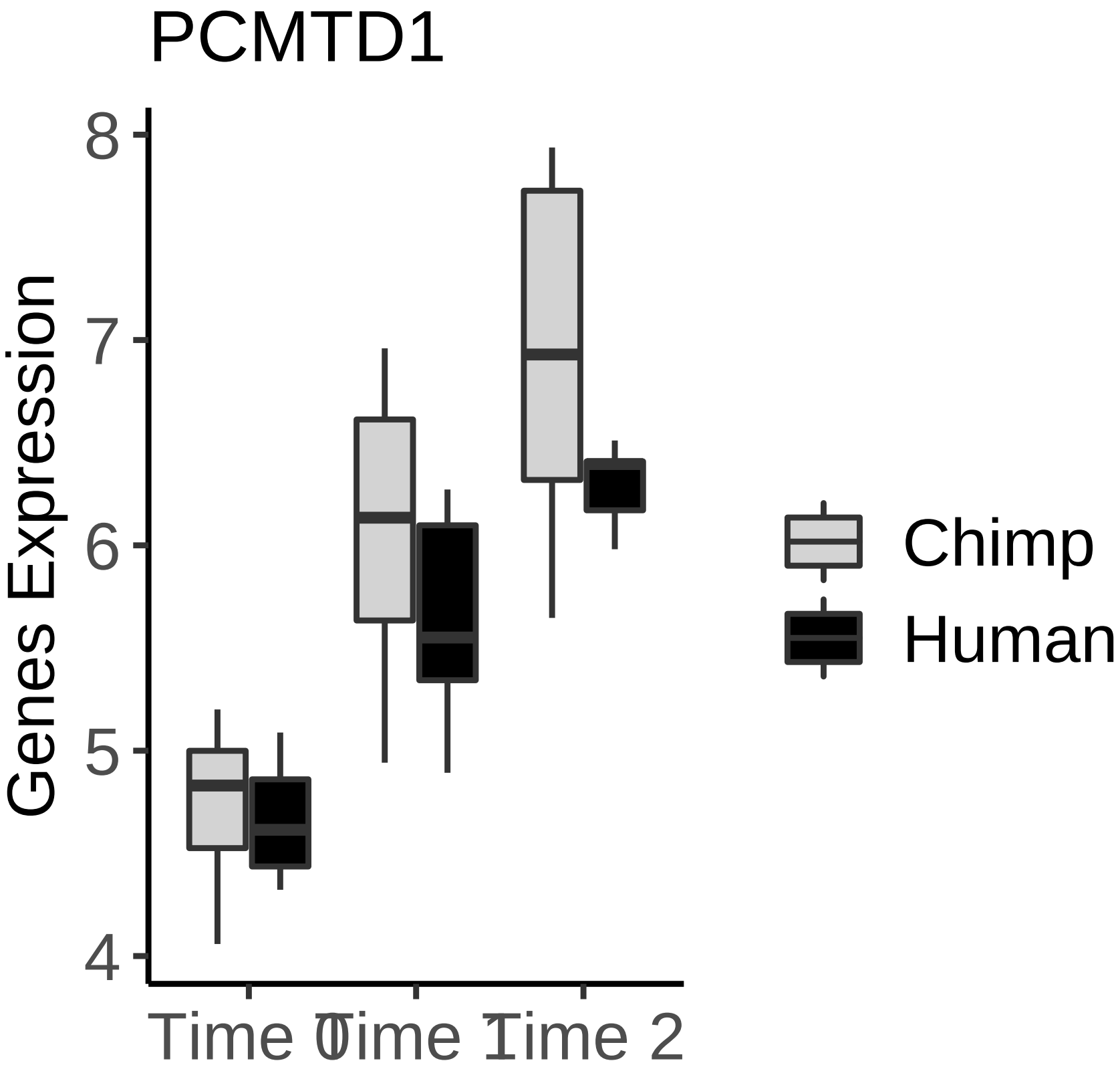
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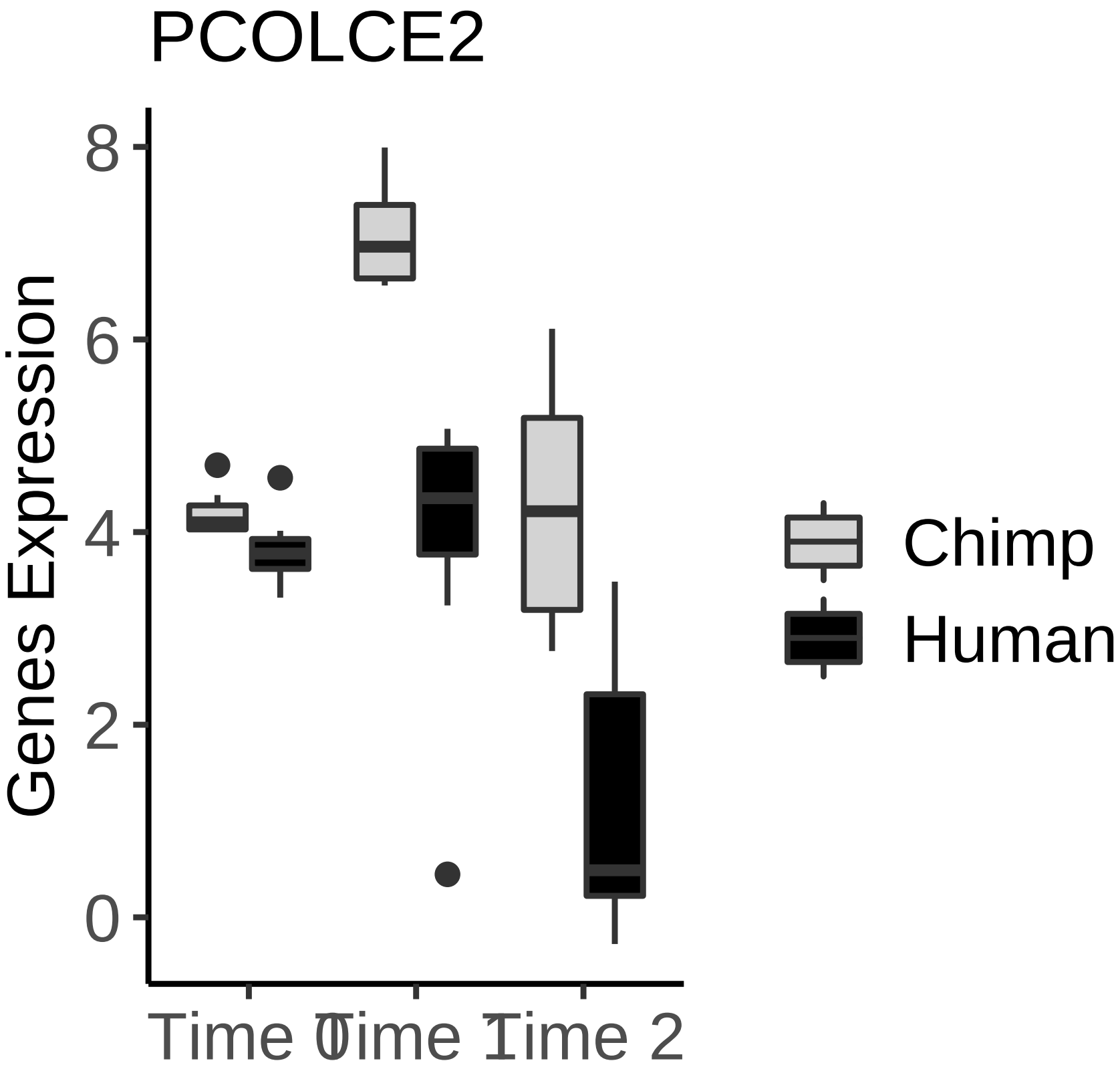
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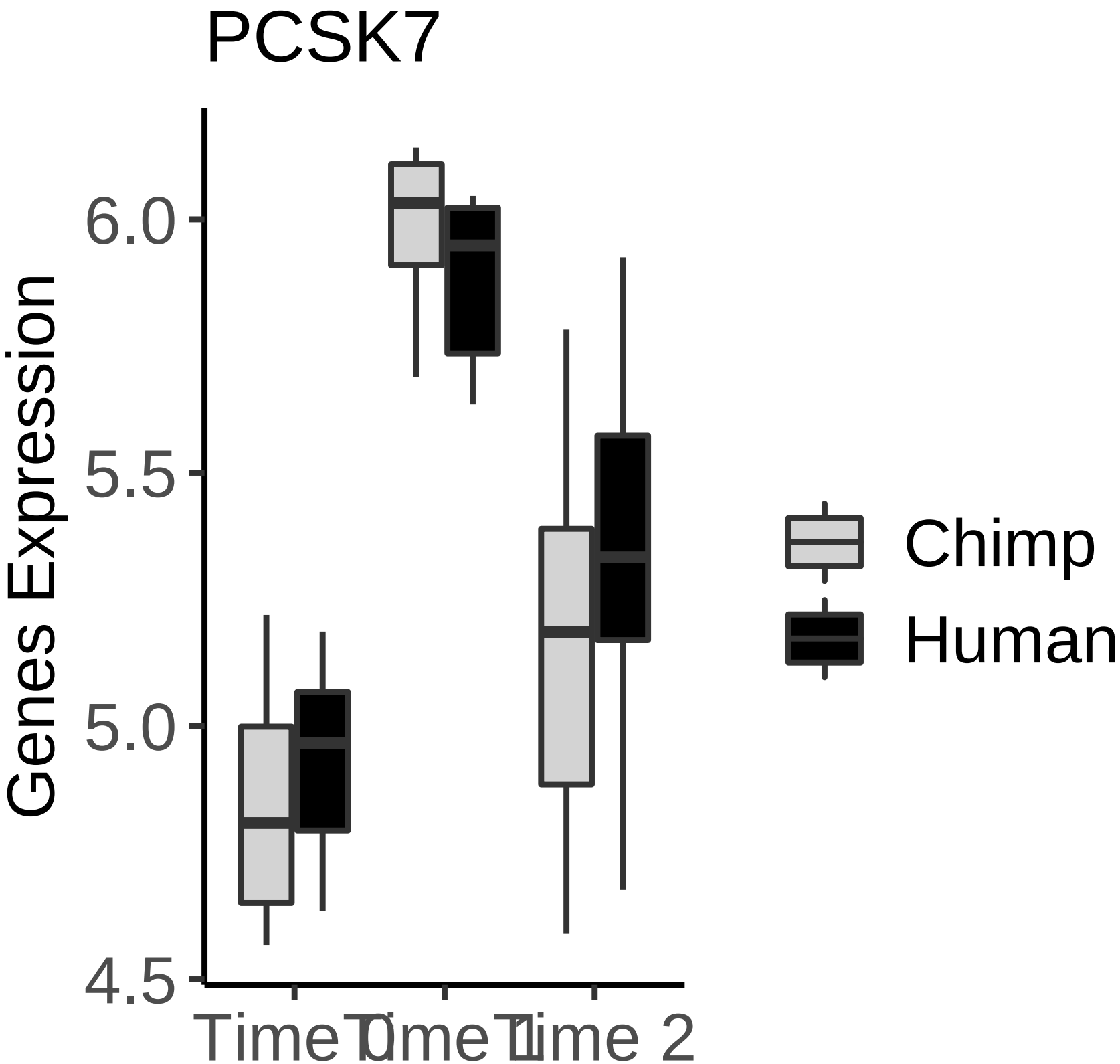
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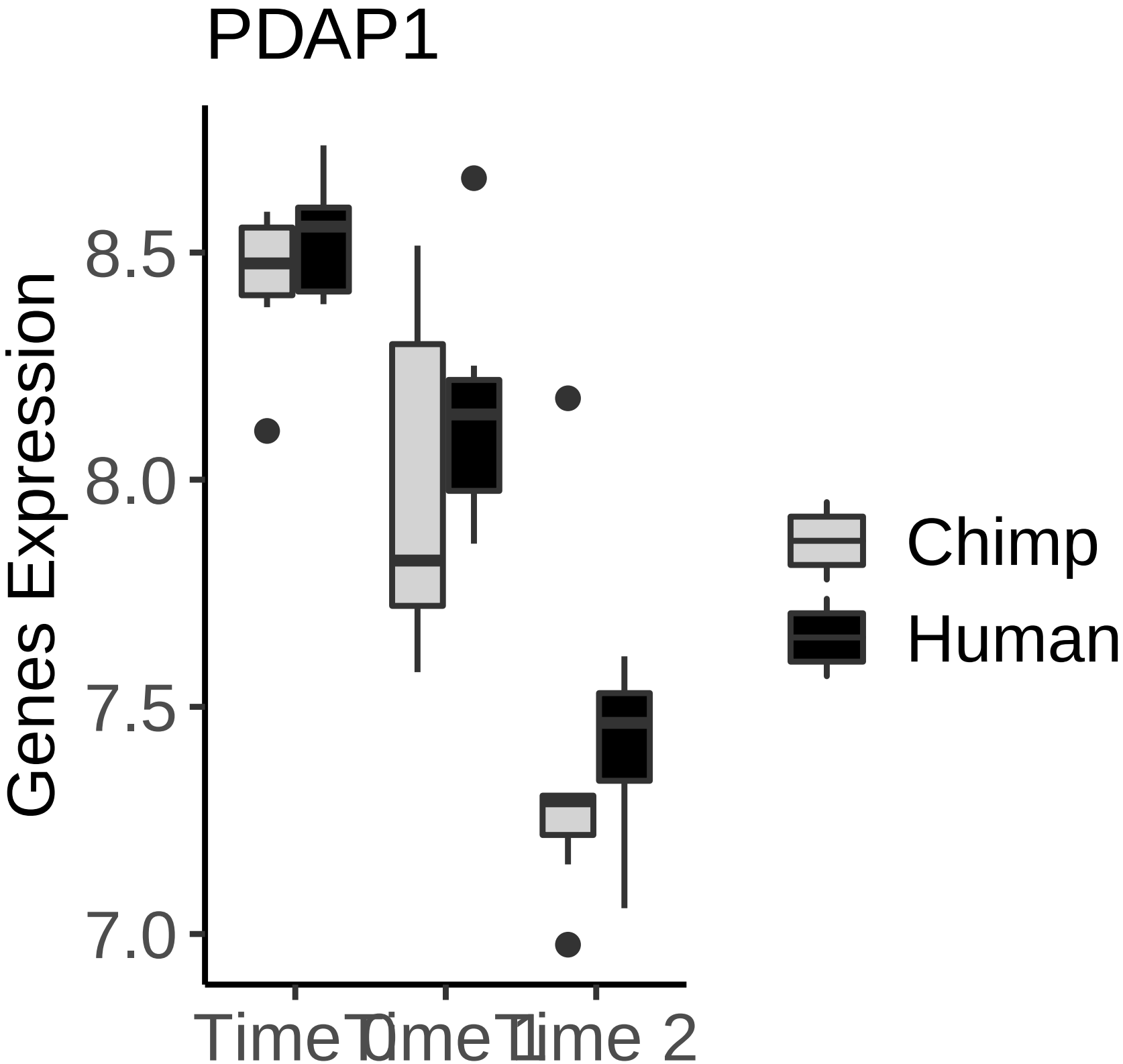
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Genes Expression
8.5
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Time 2
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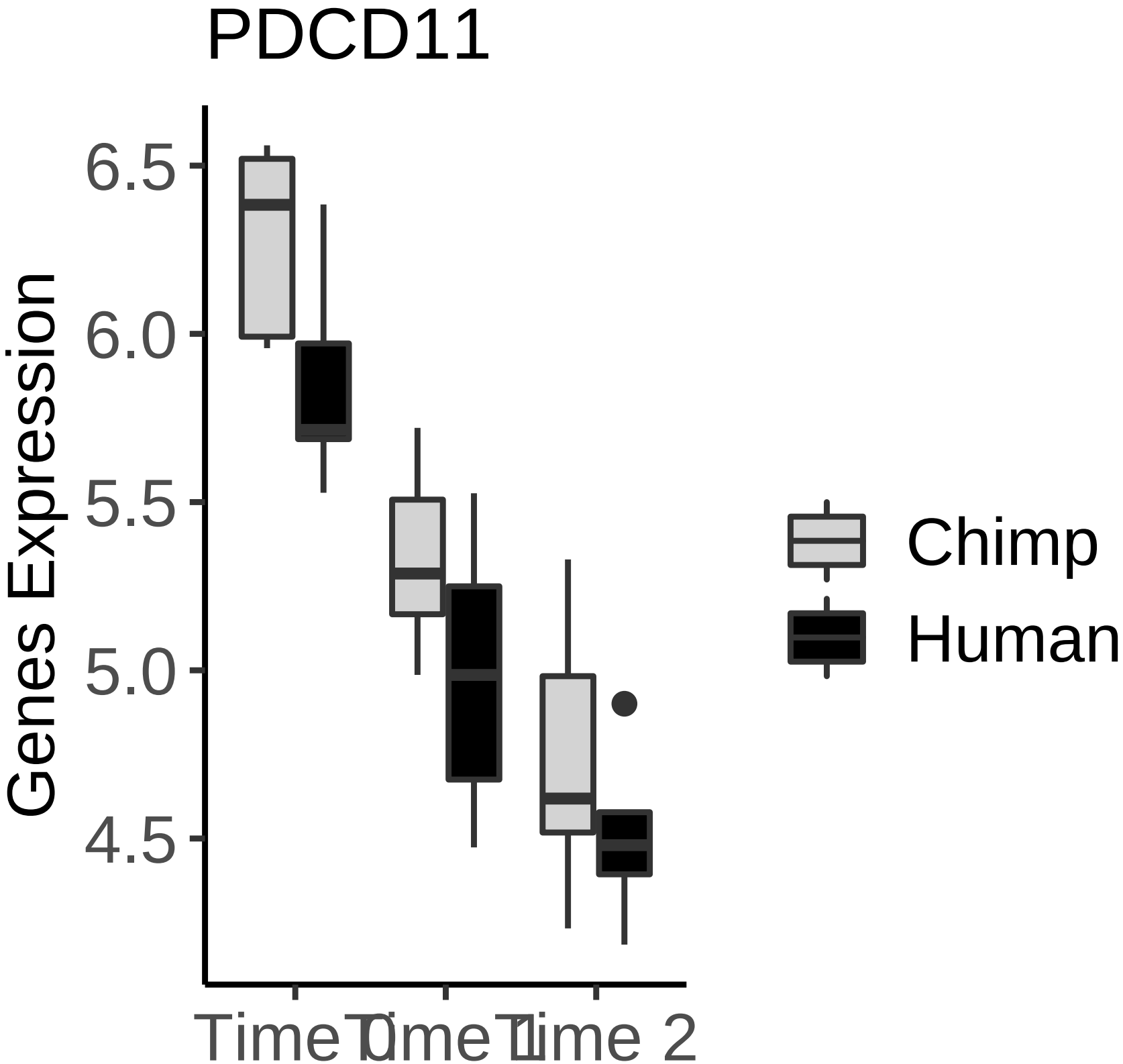
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Time 1
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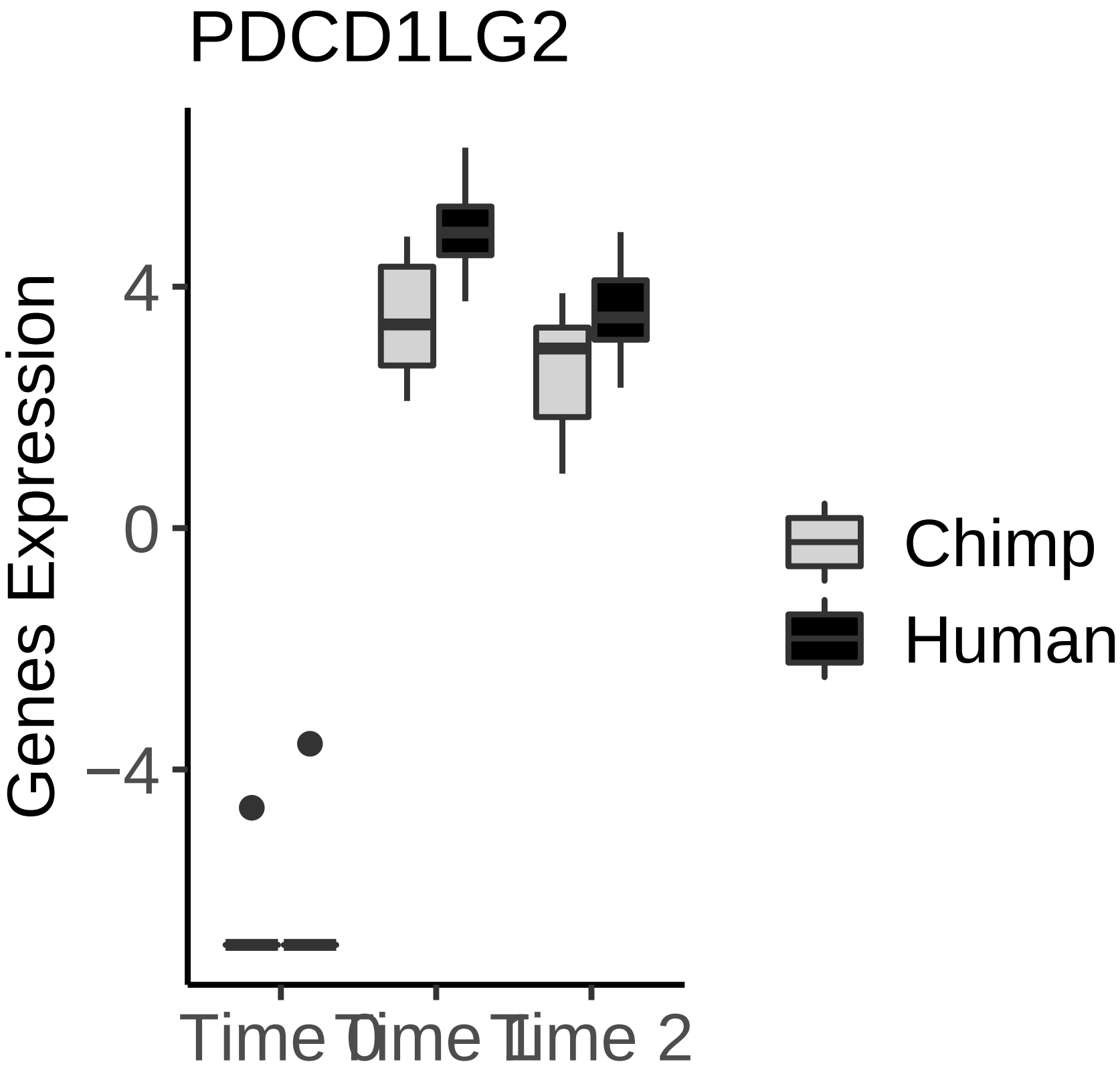
PDCD1LG2
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Time 1
Time 2
Chimp
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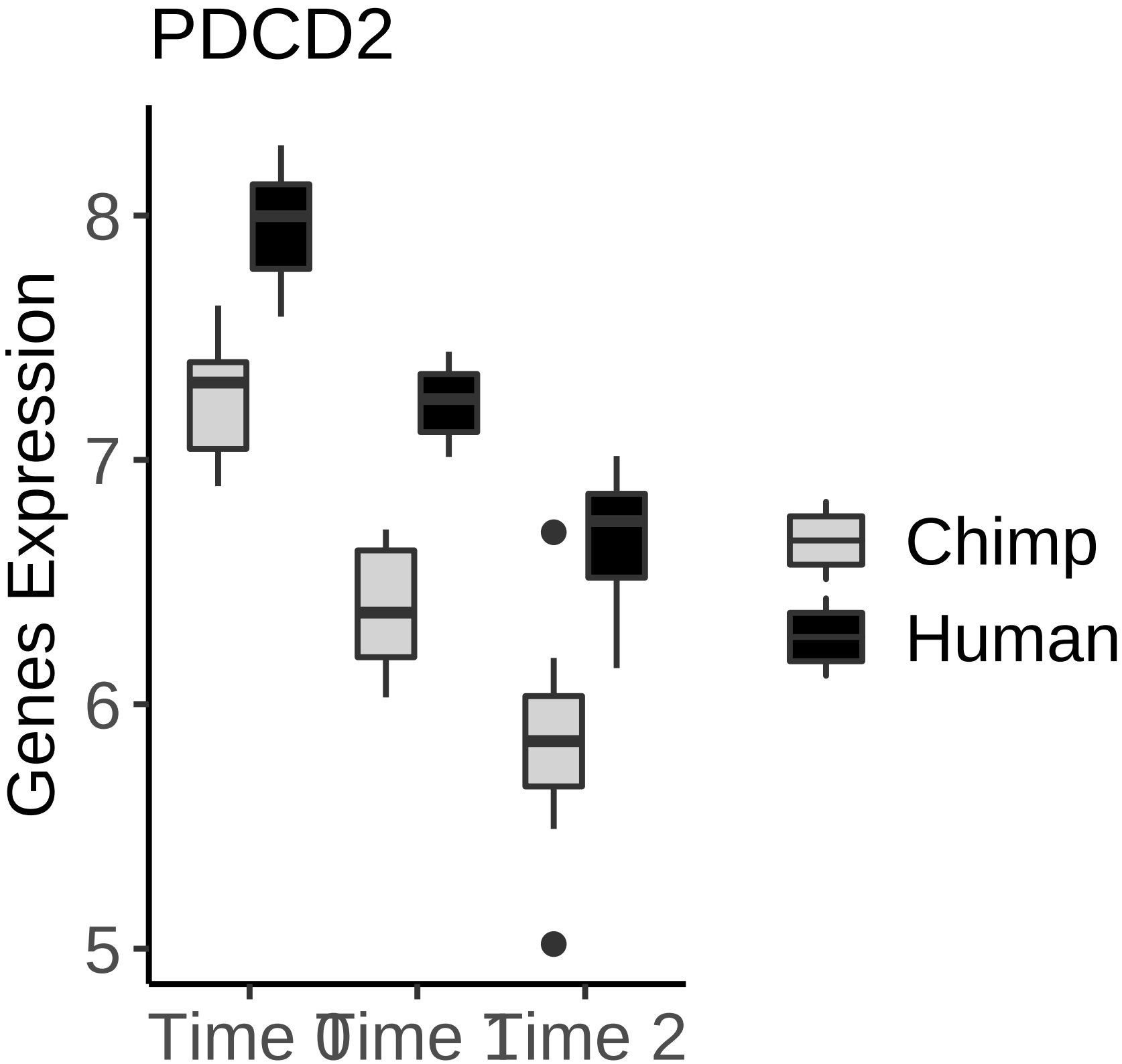
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Time 2
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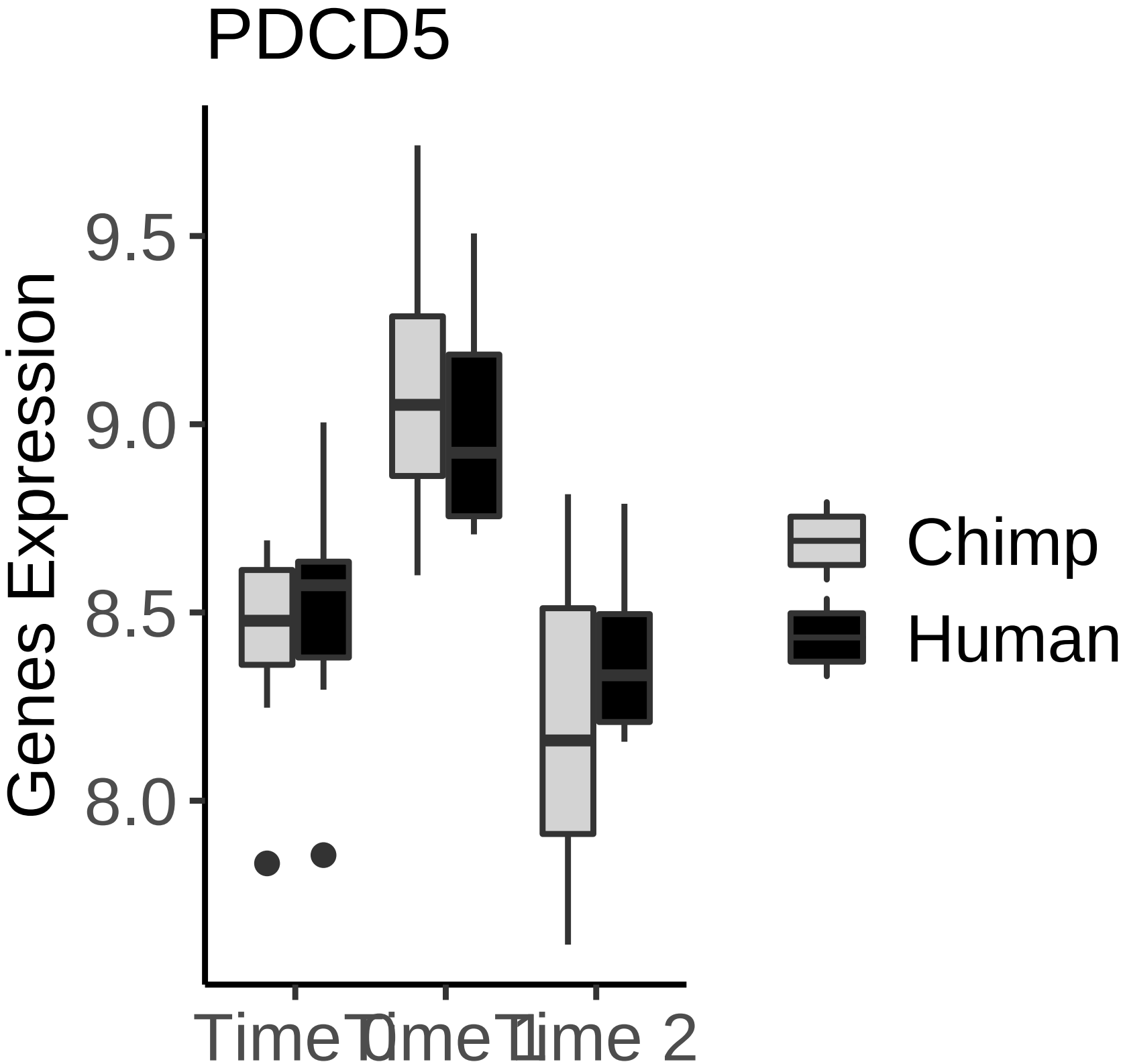
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Time 1
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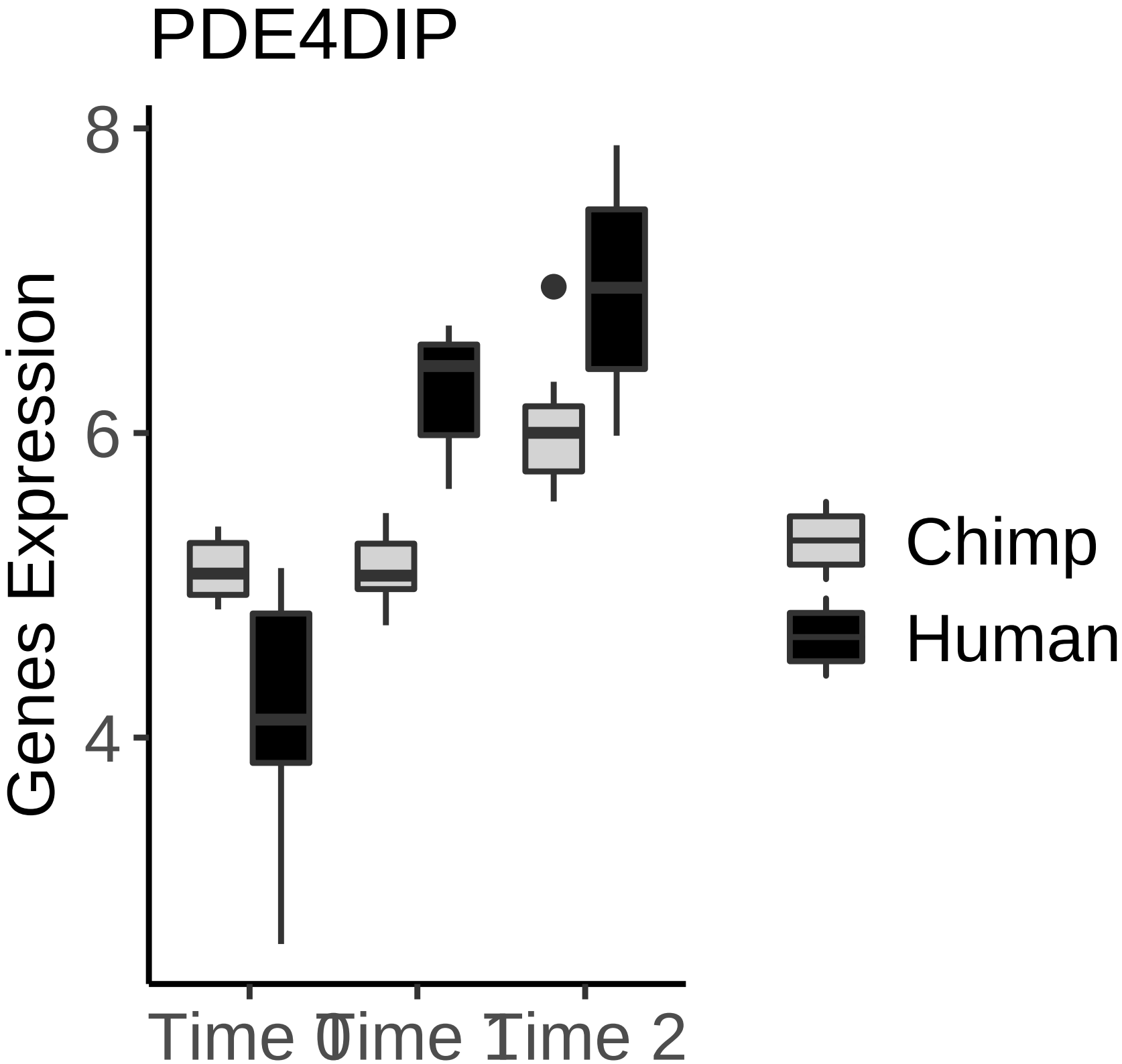
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Time 2
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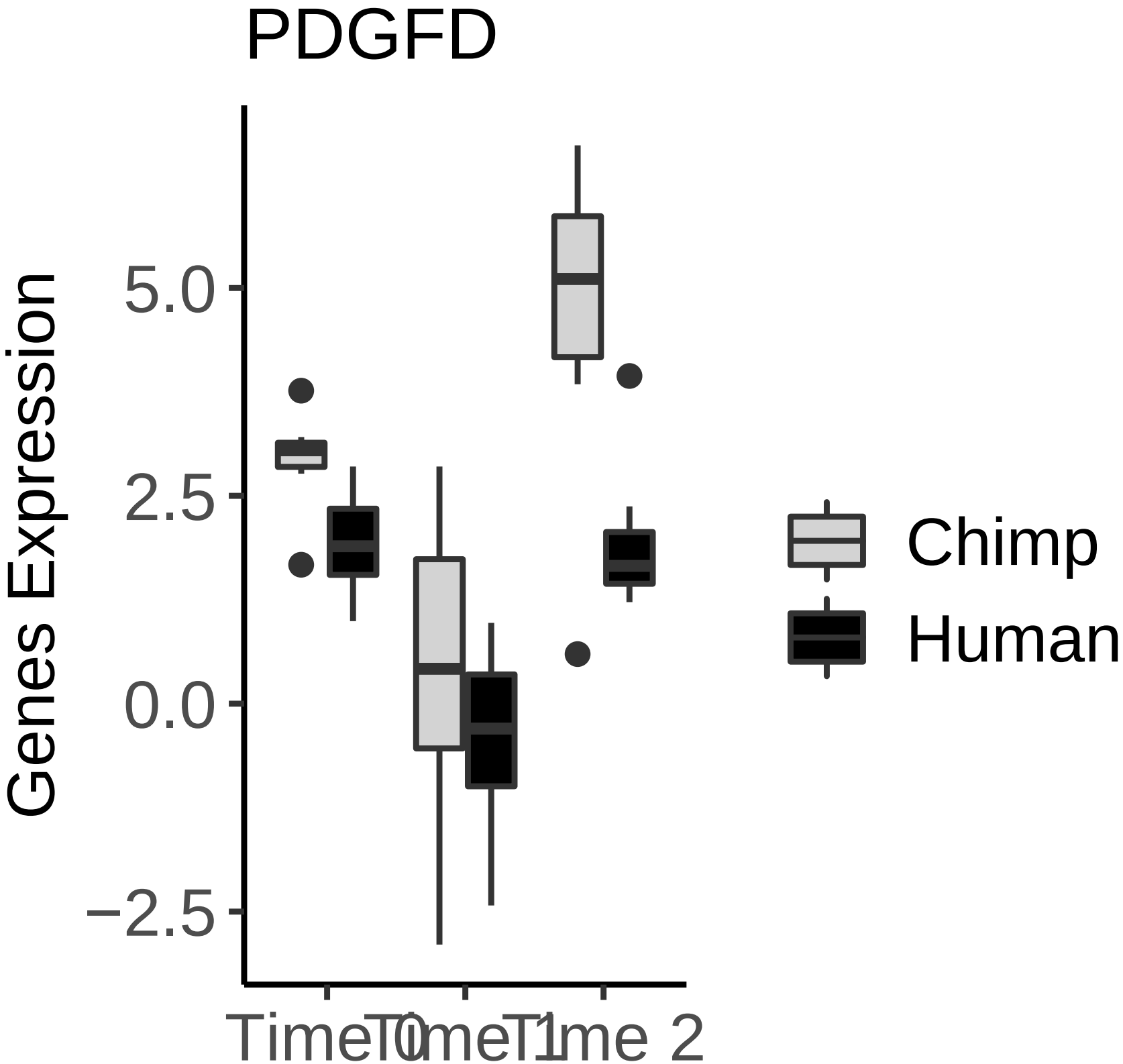
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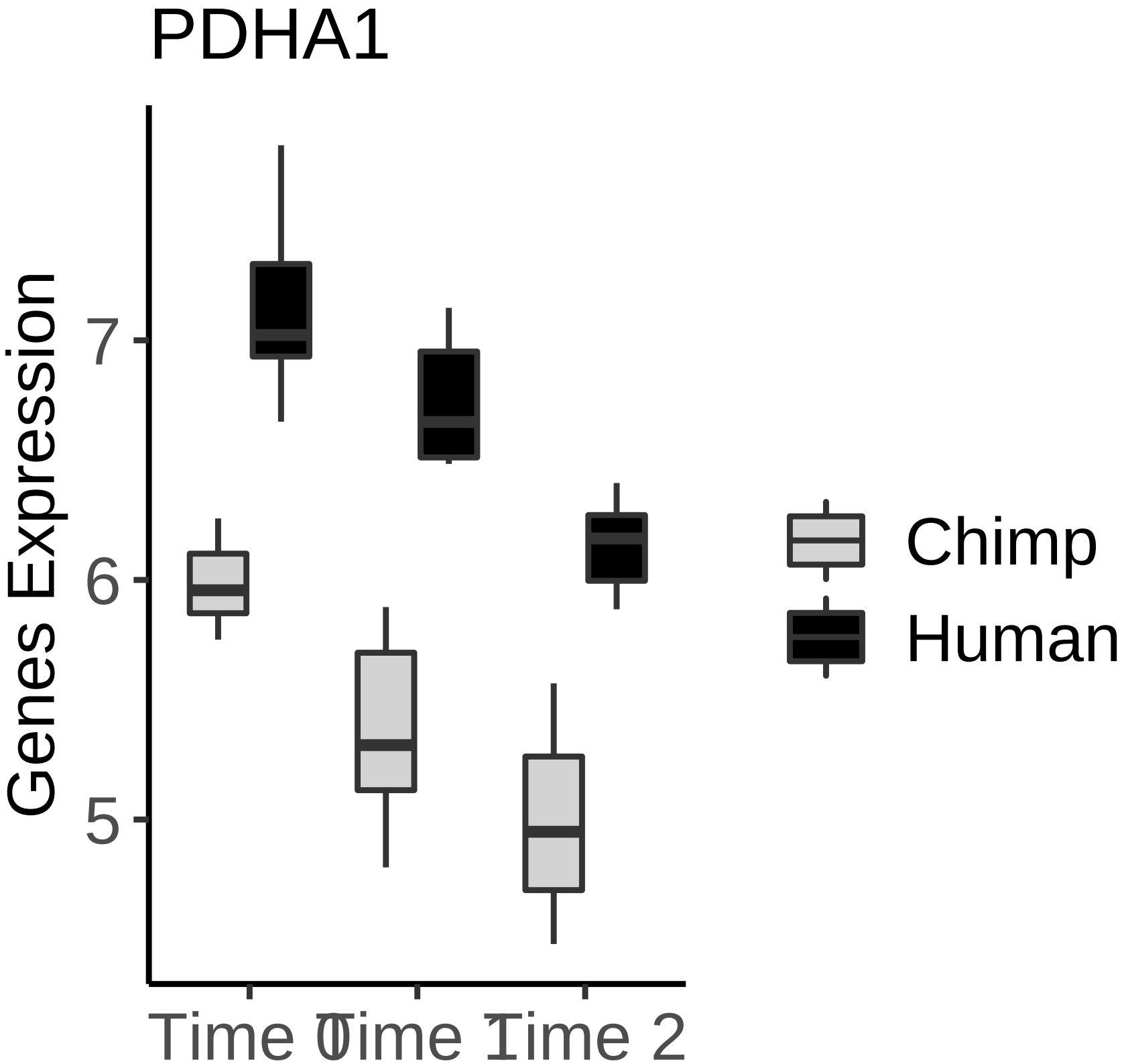
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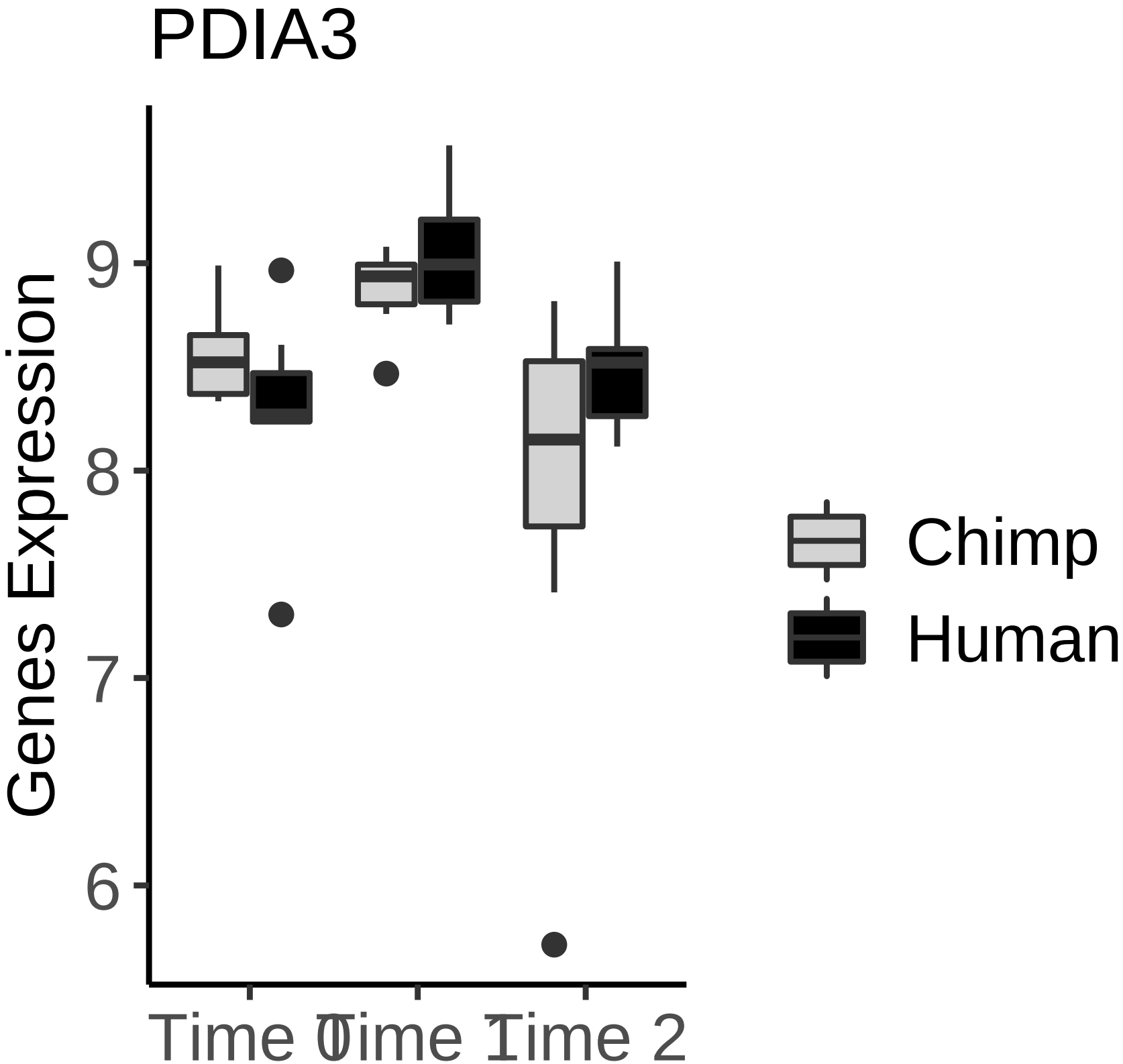
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7
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Time 1
Time 2
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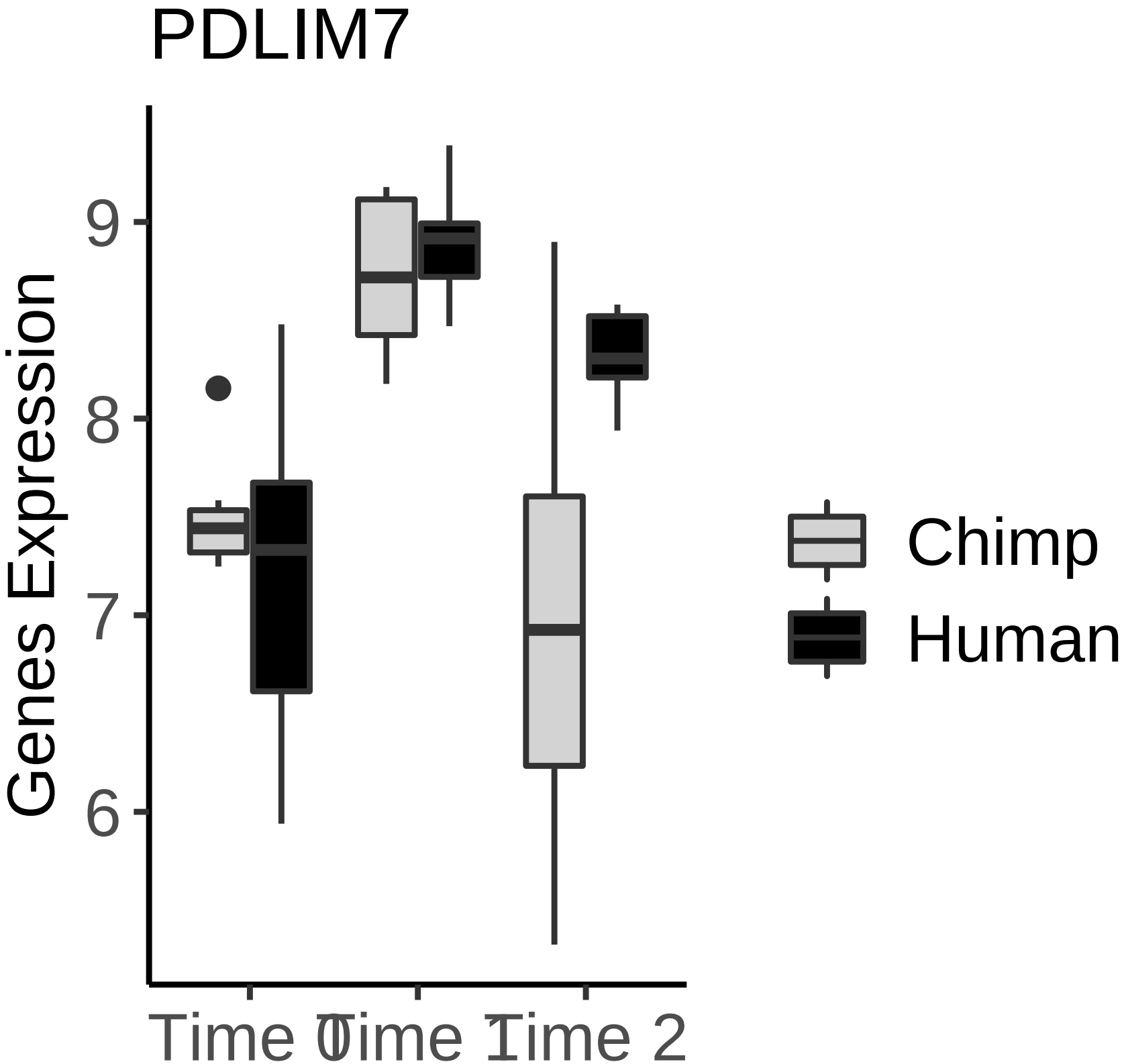
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Time 2
Chimp
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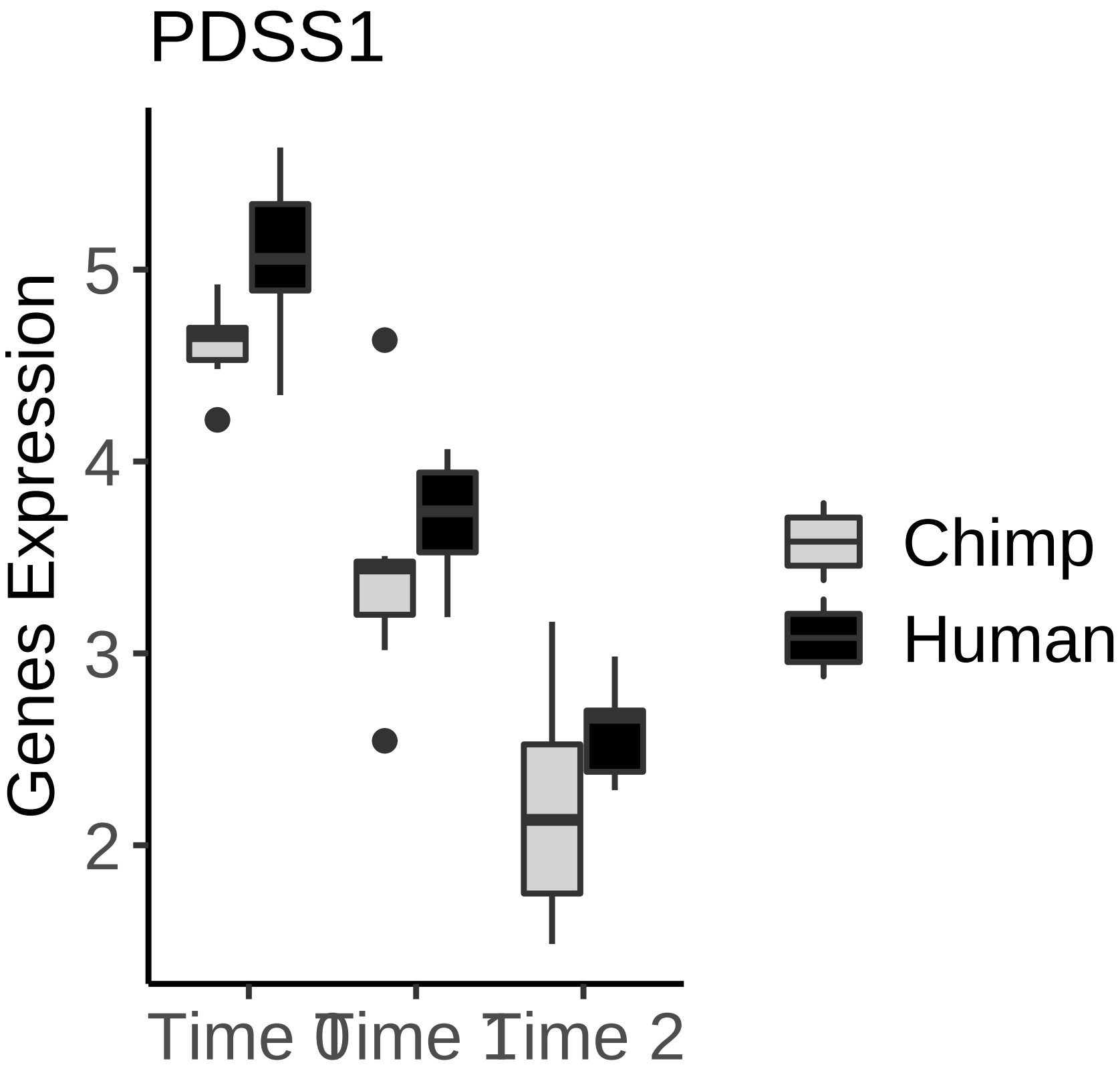
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Time 2
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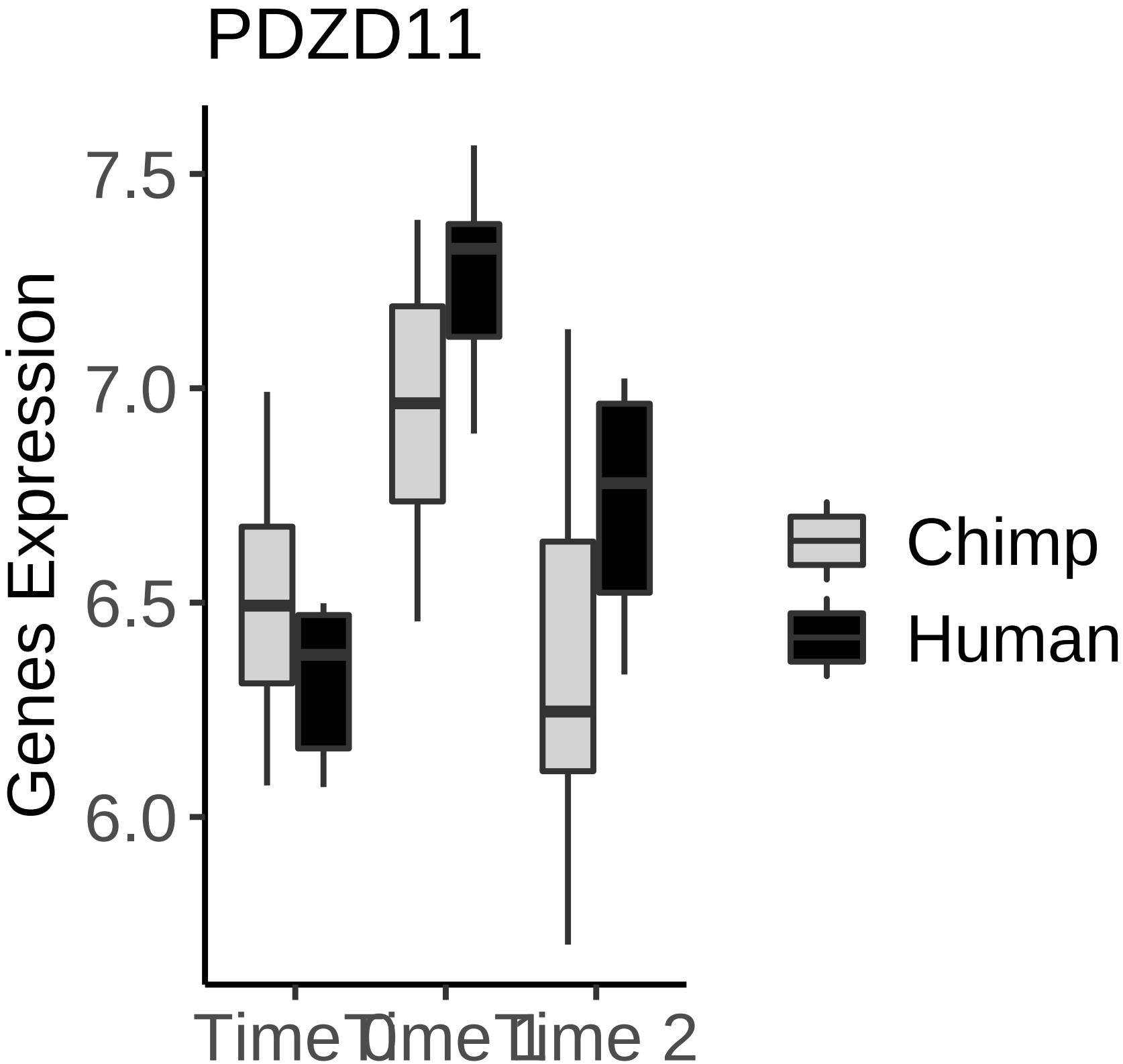
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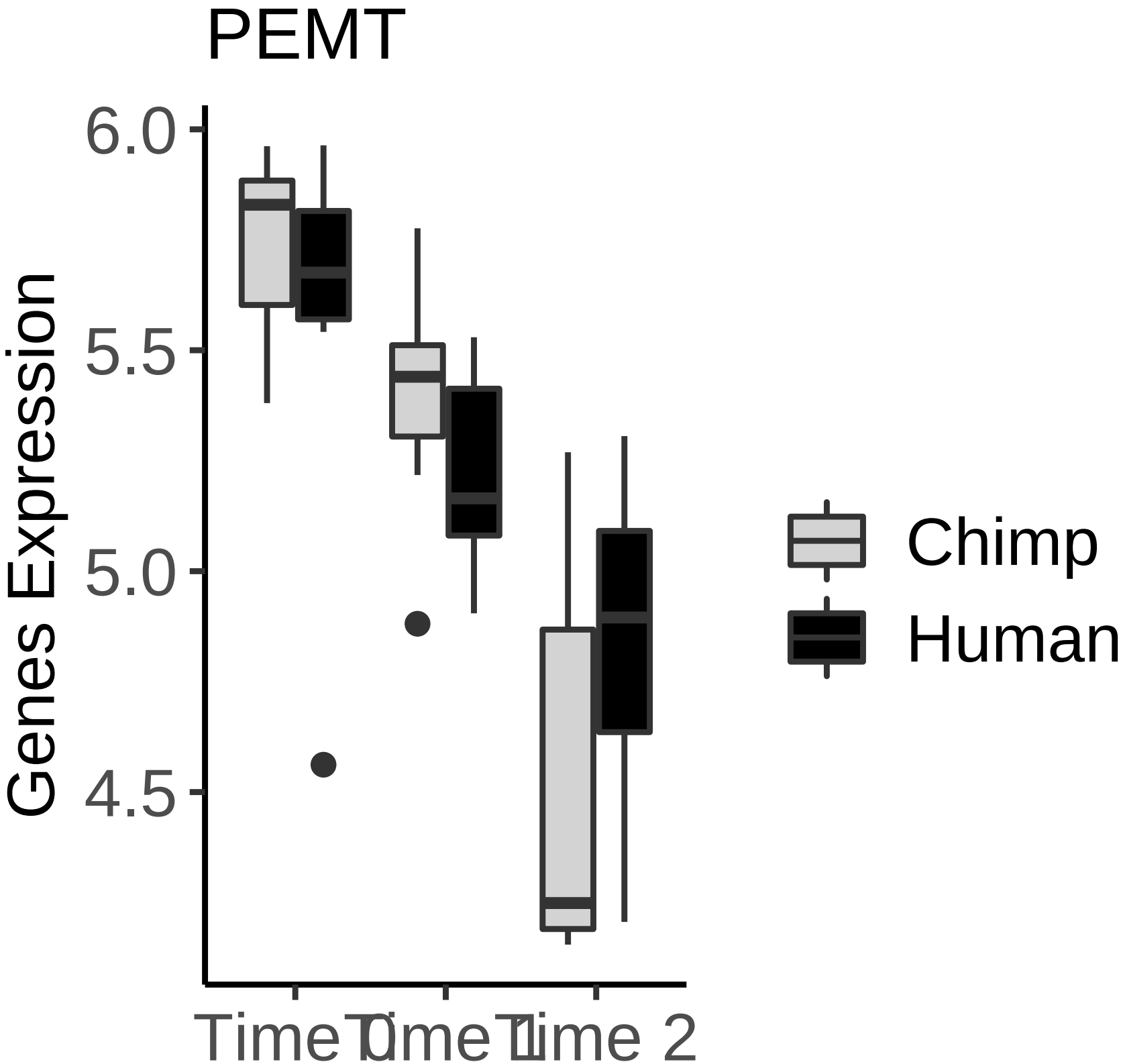
PEMT
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Time 1
Time 2
Chimp
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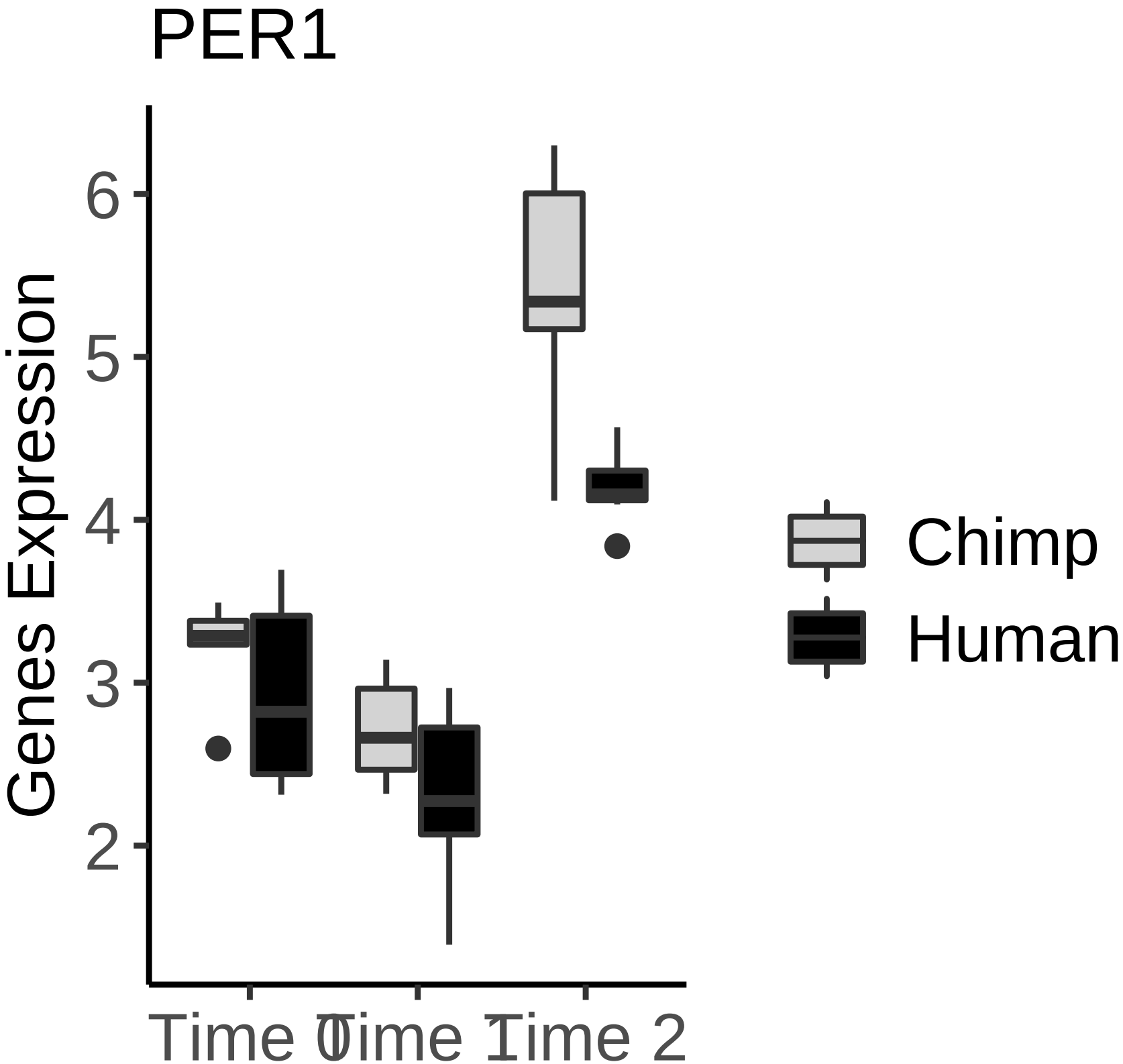
PER1
Genes Expression
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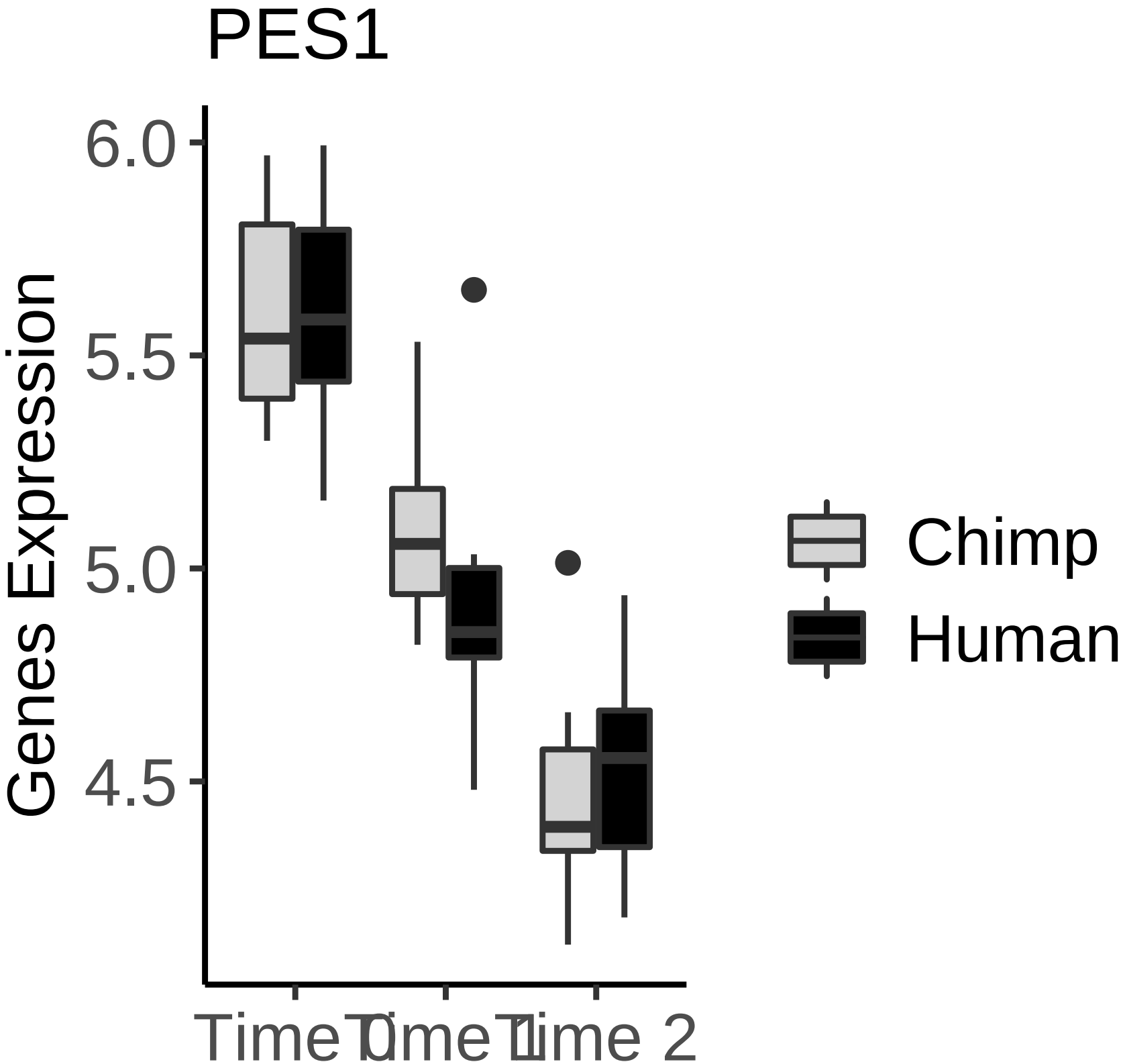
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human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Time 2
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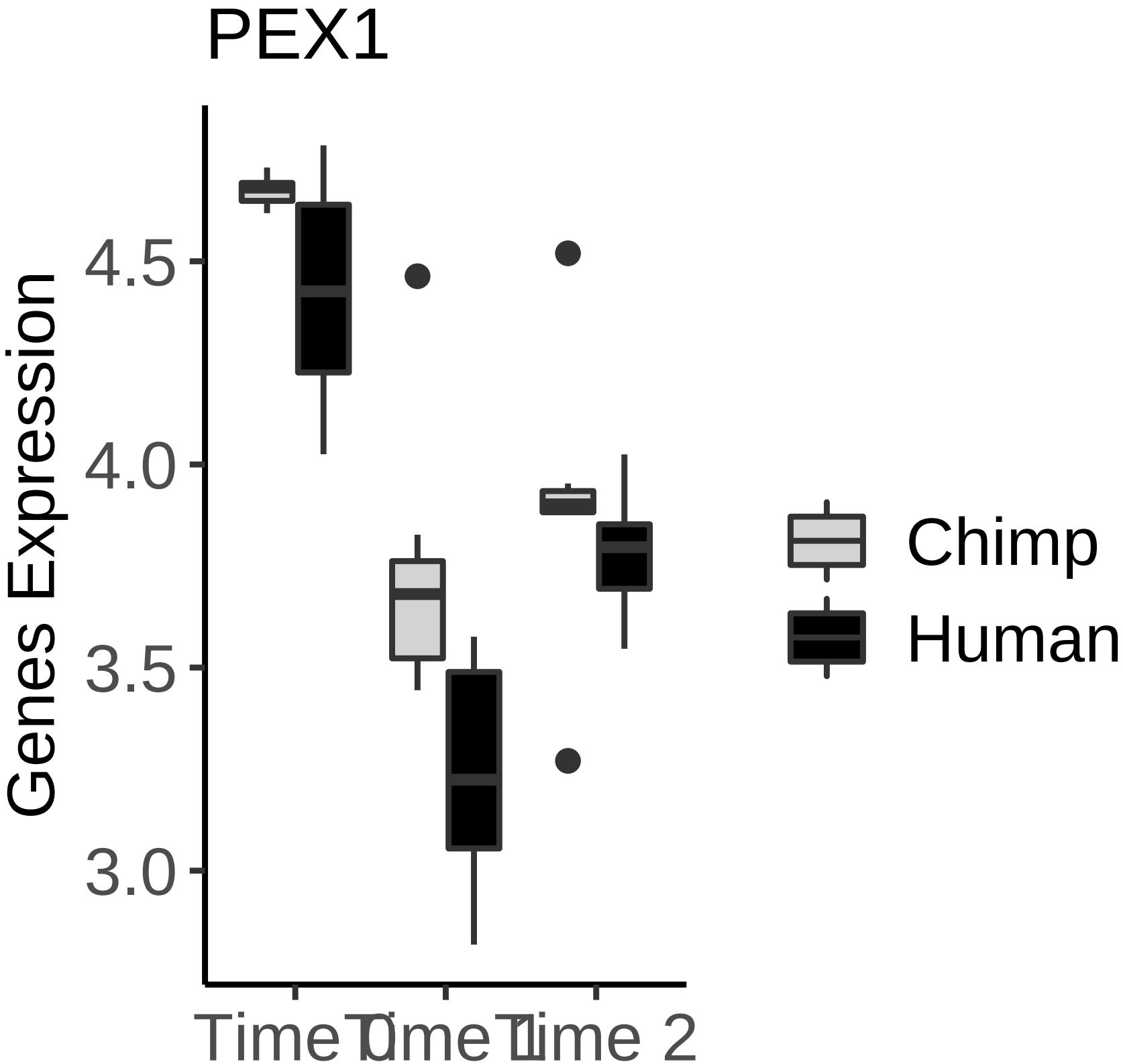
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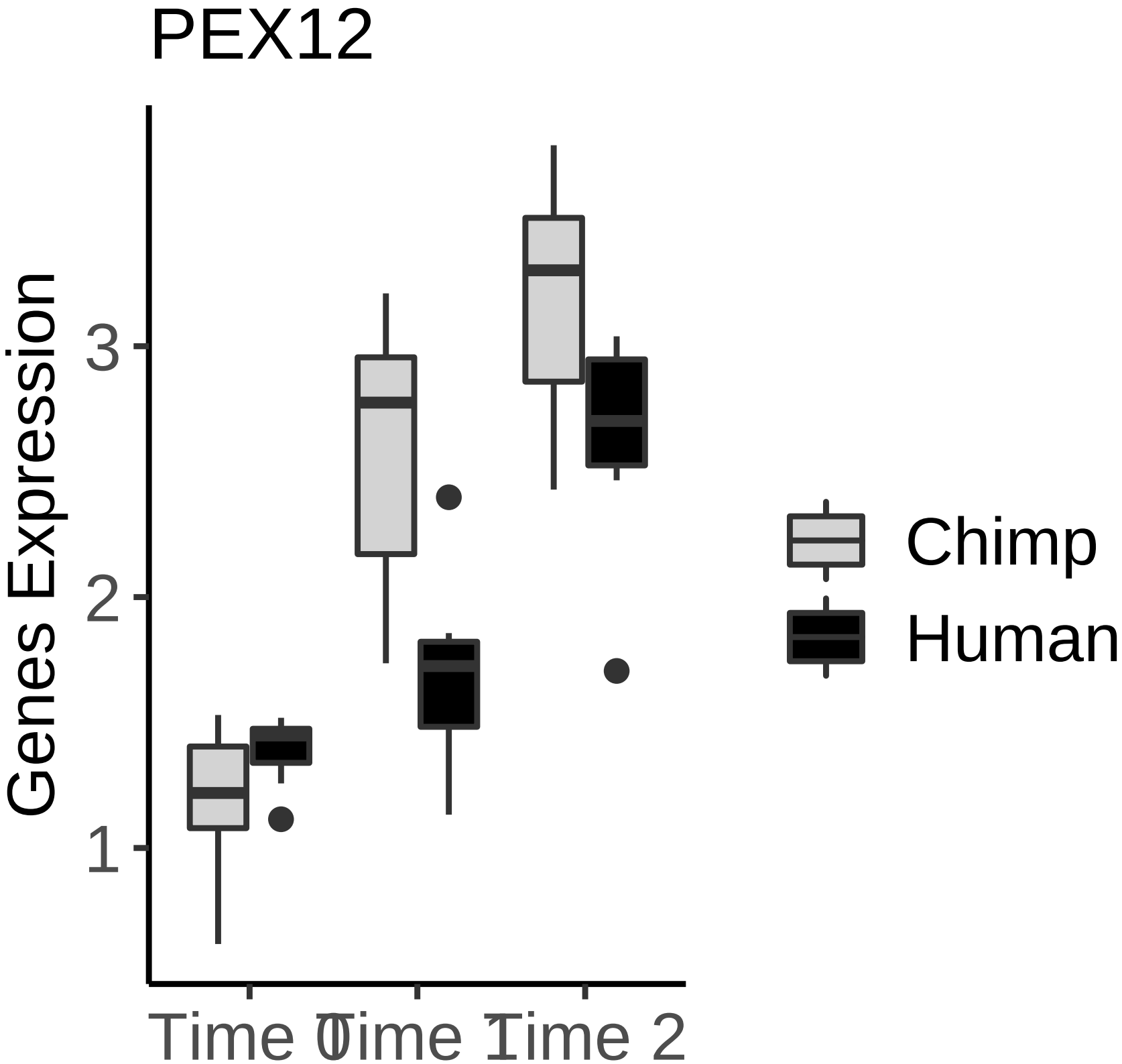
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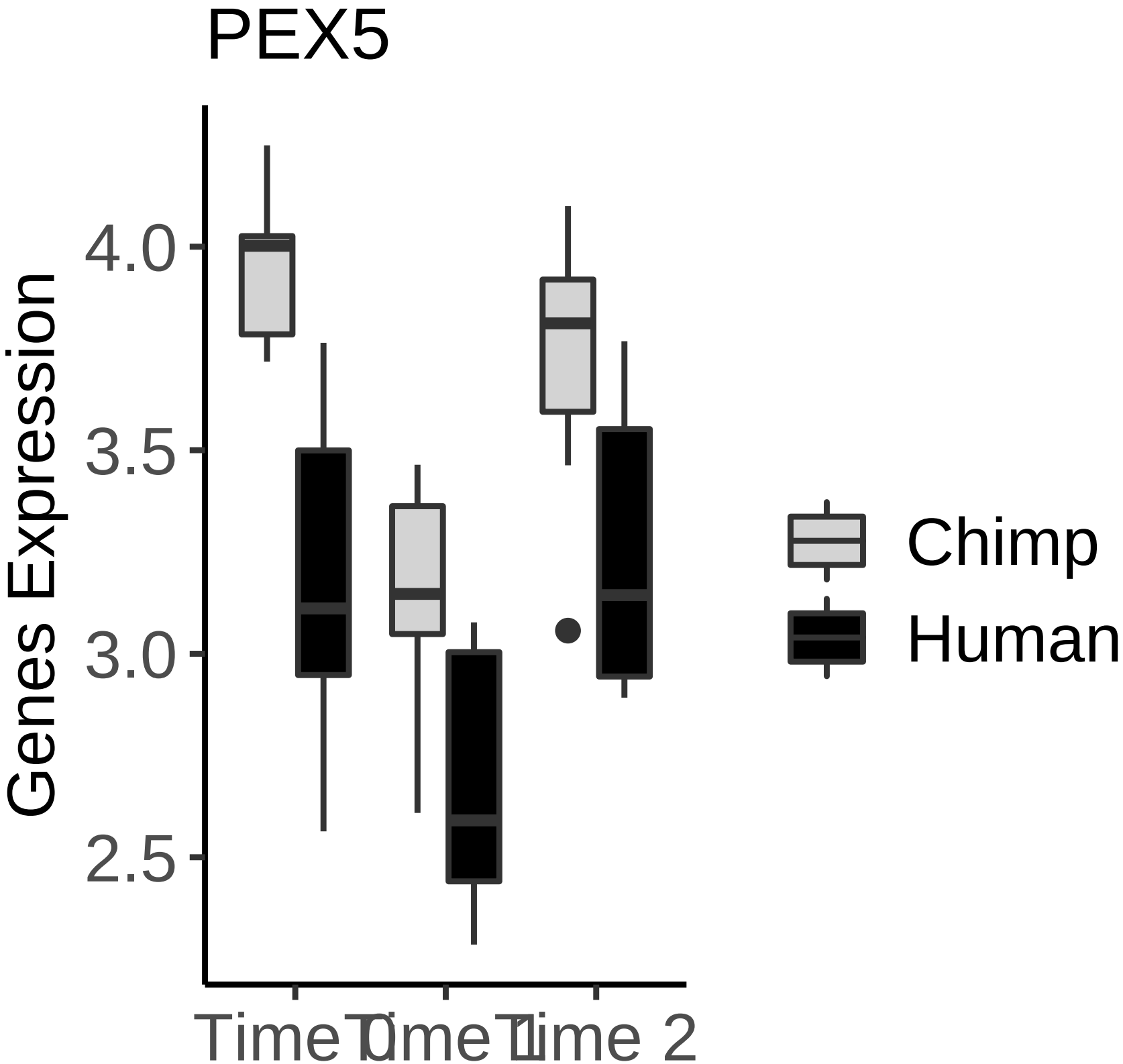
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Time 2
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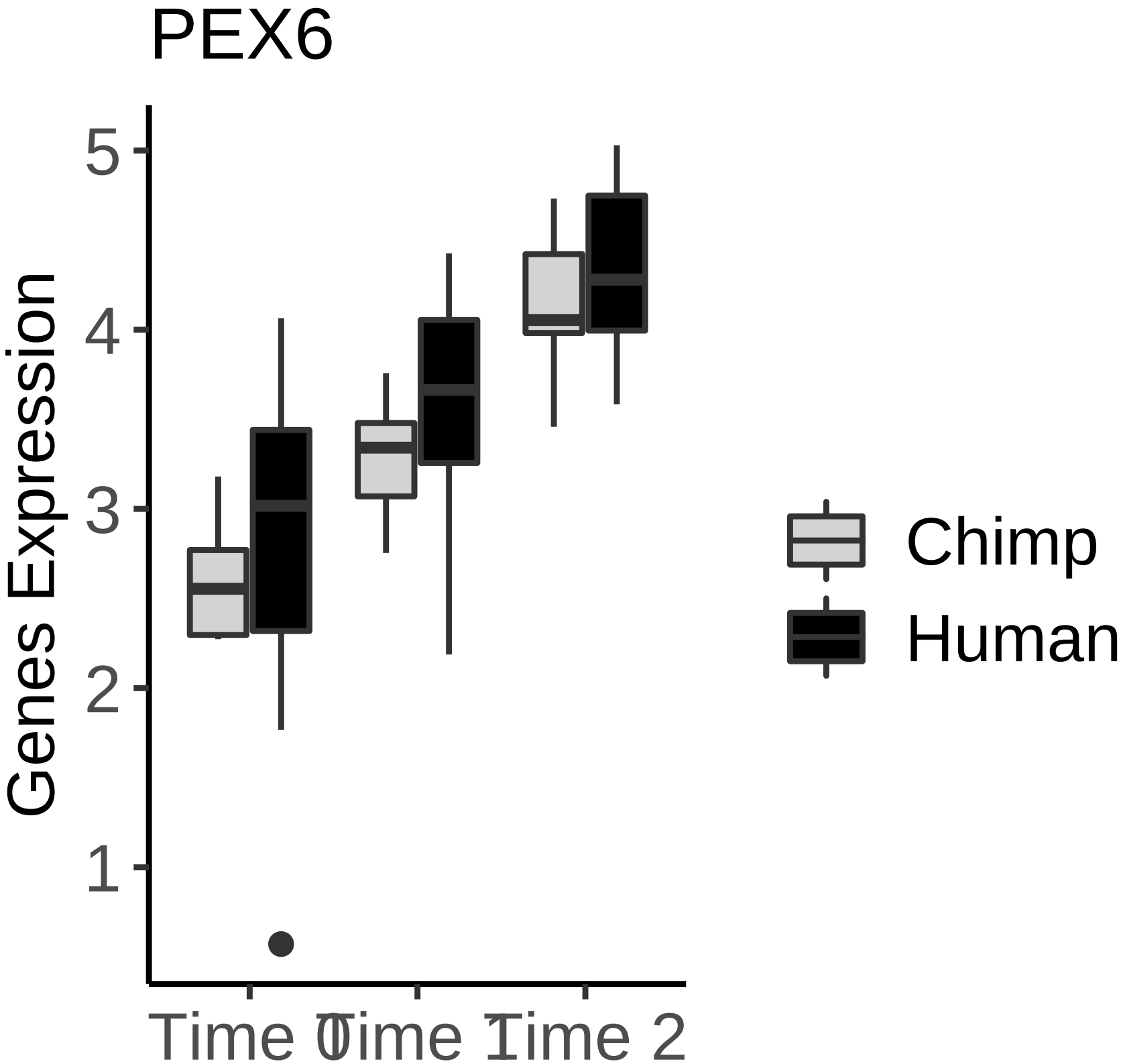
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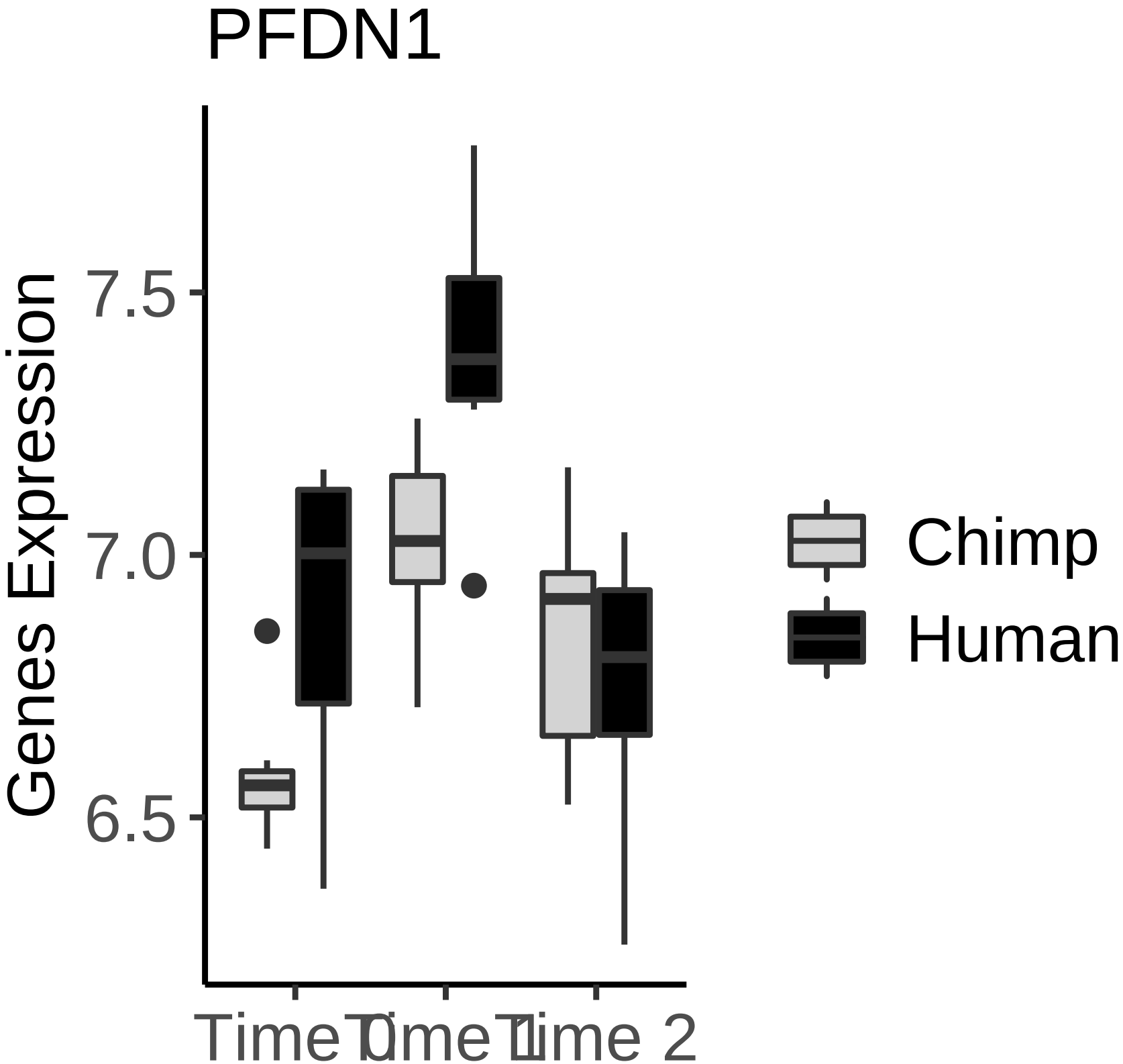
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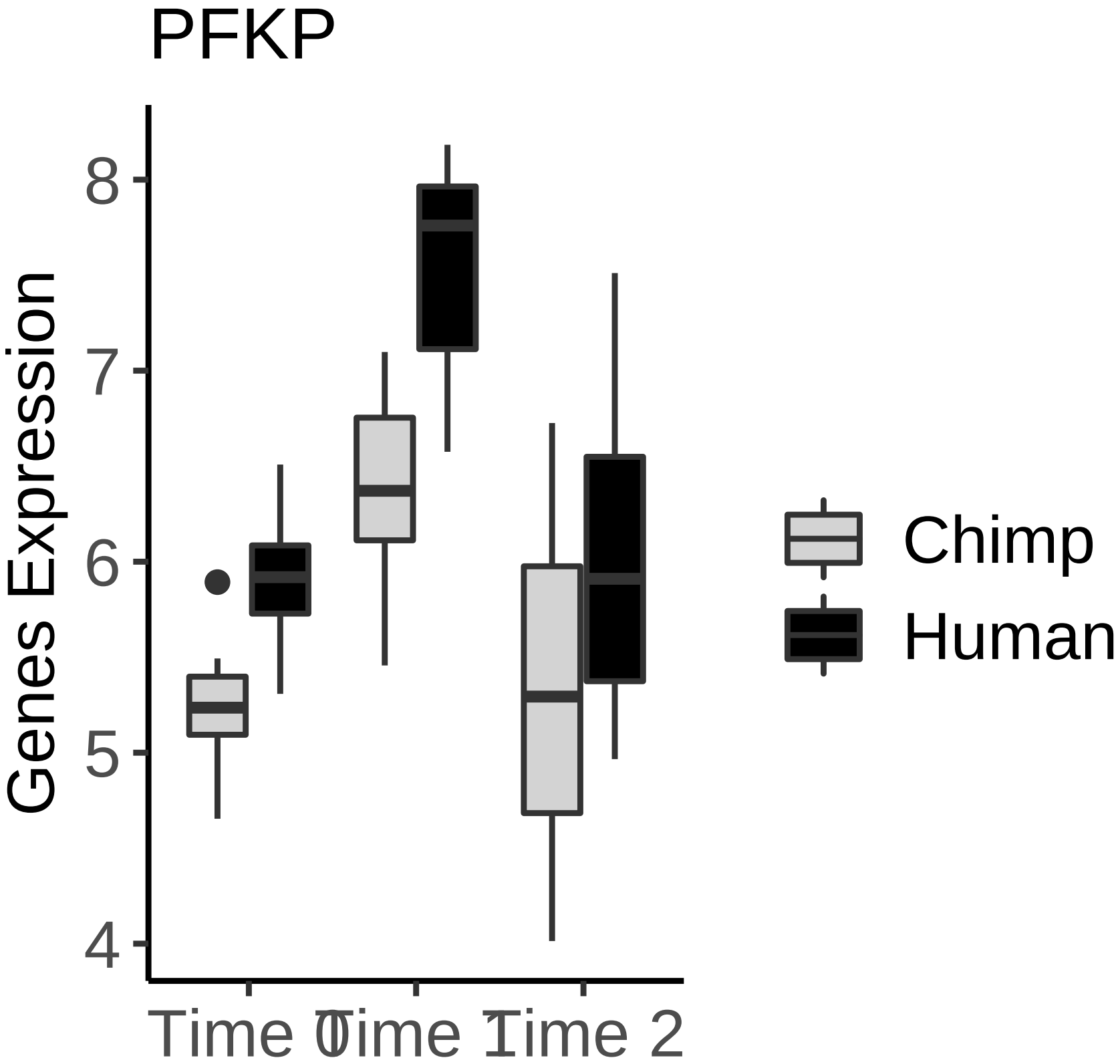
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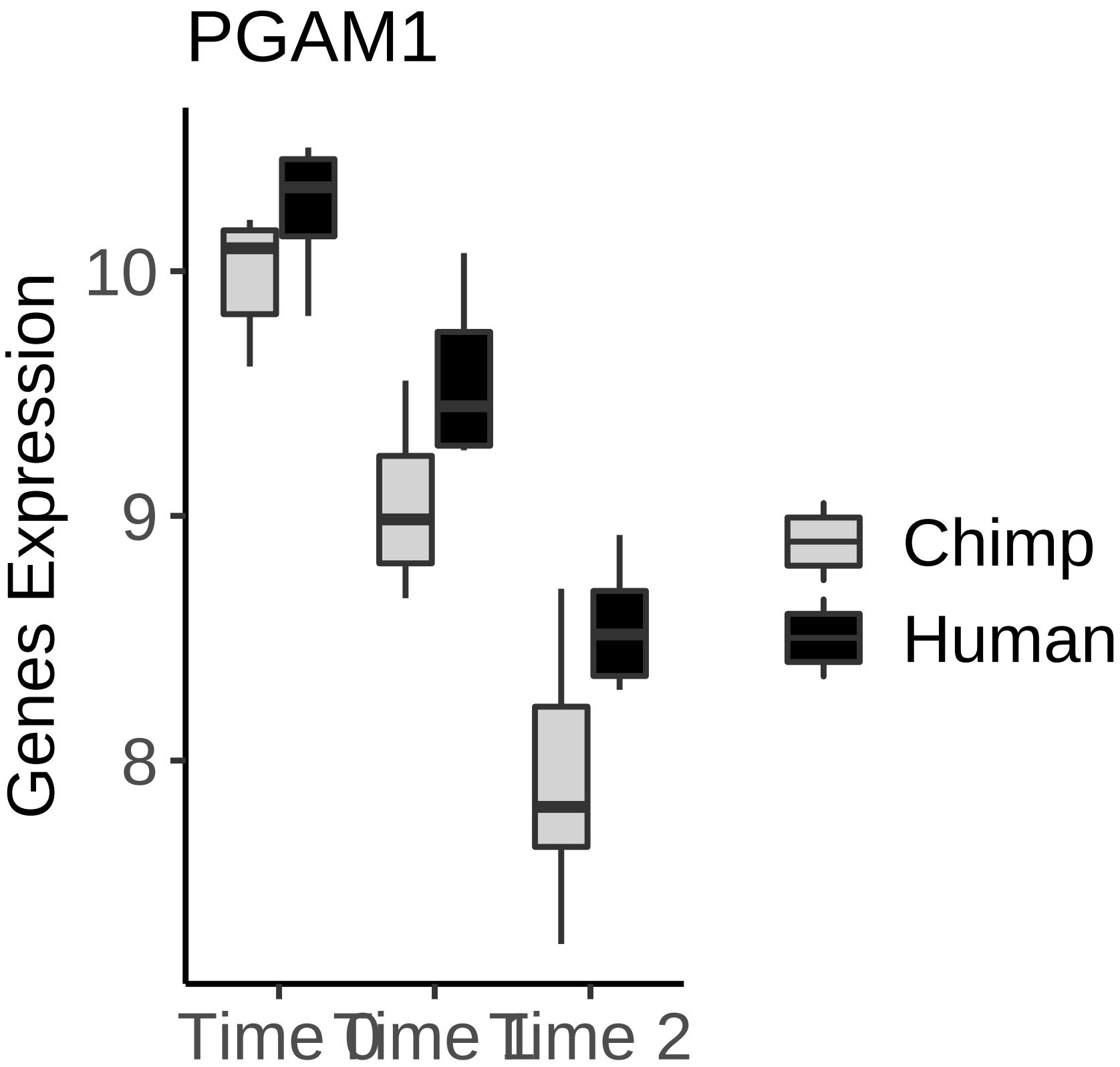
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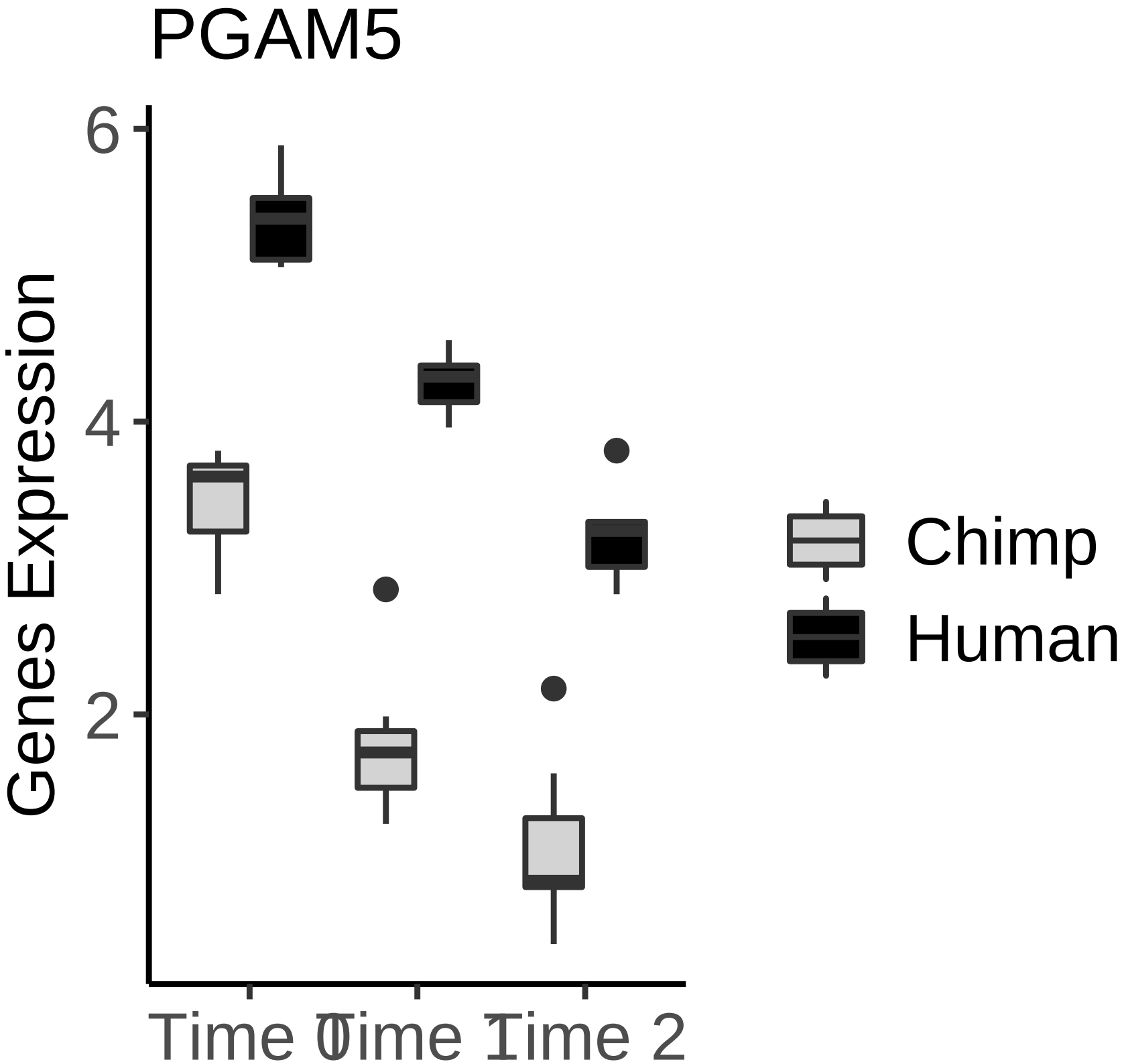
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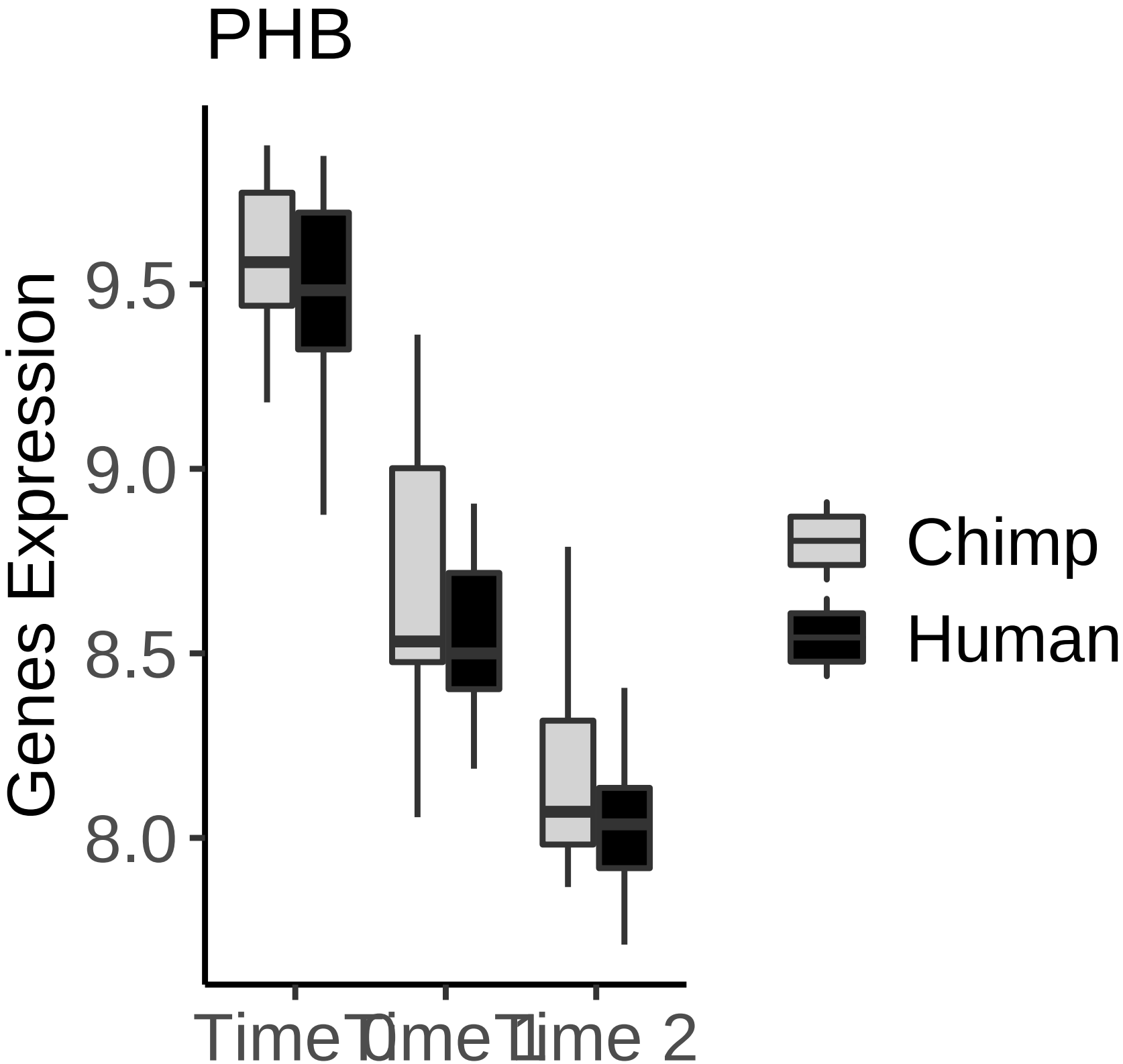
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Genes Expression
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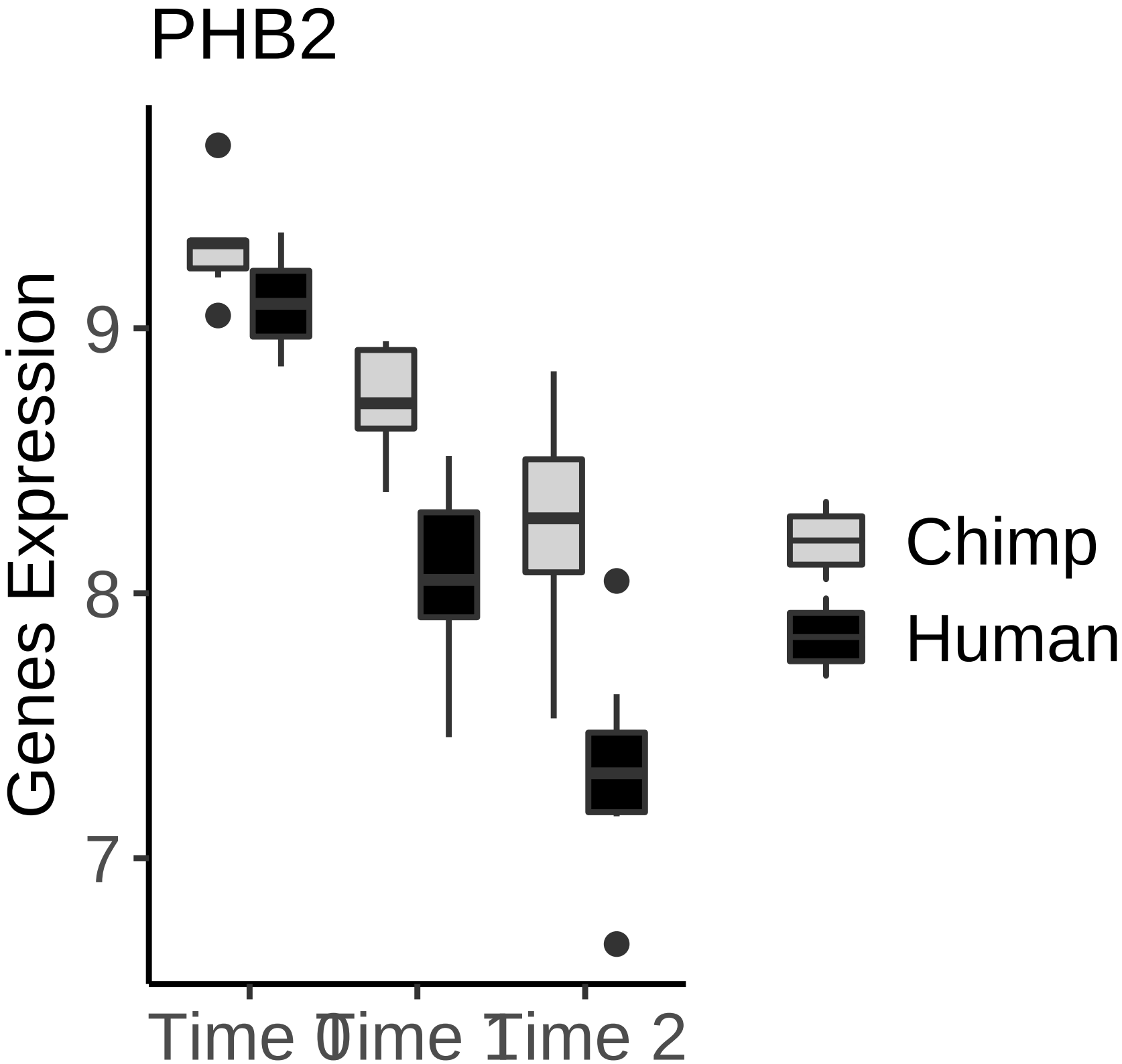
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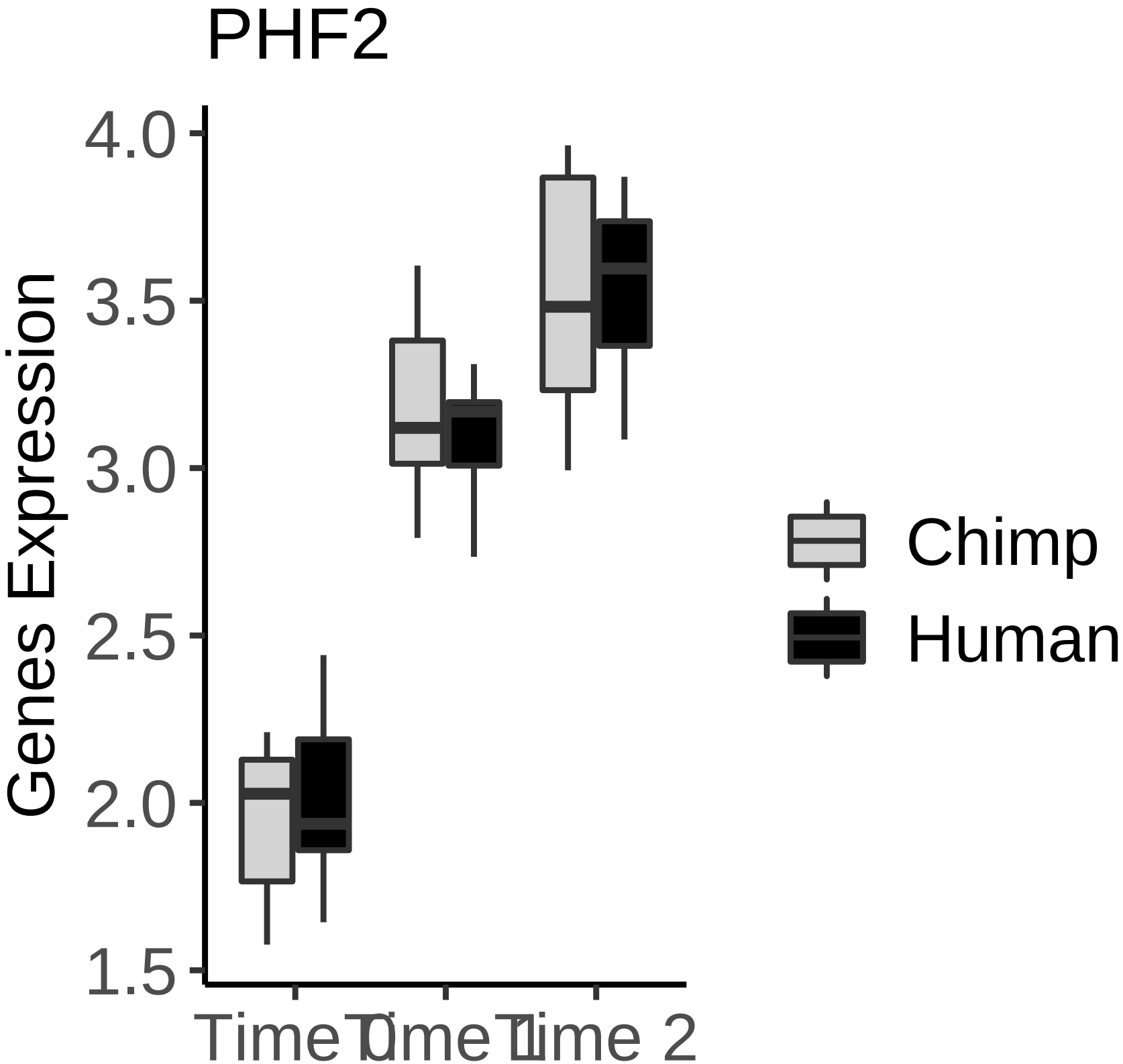
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1.5
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Time 1
Time 2
Chimp
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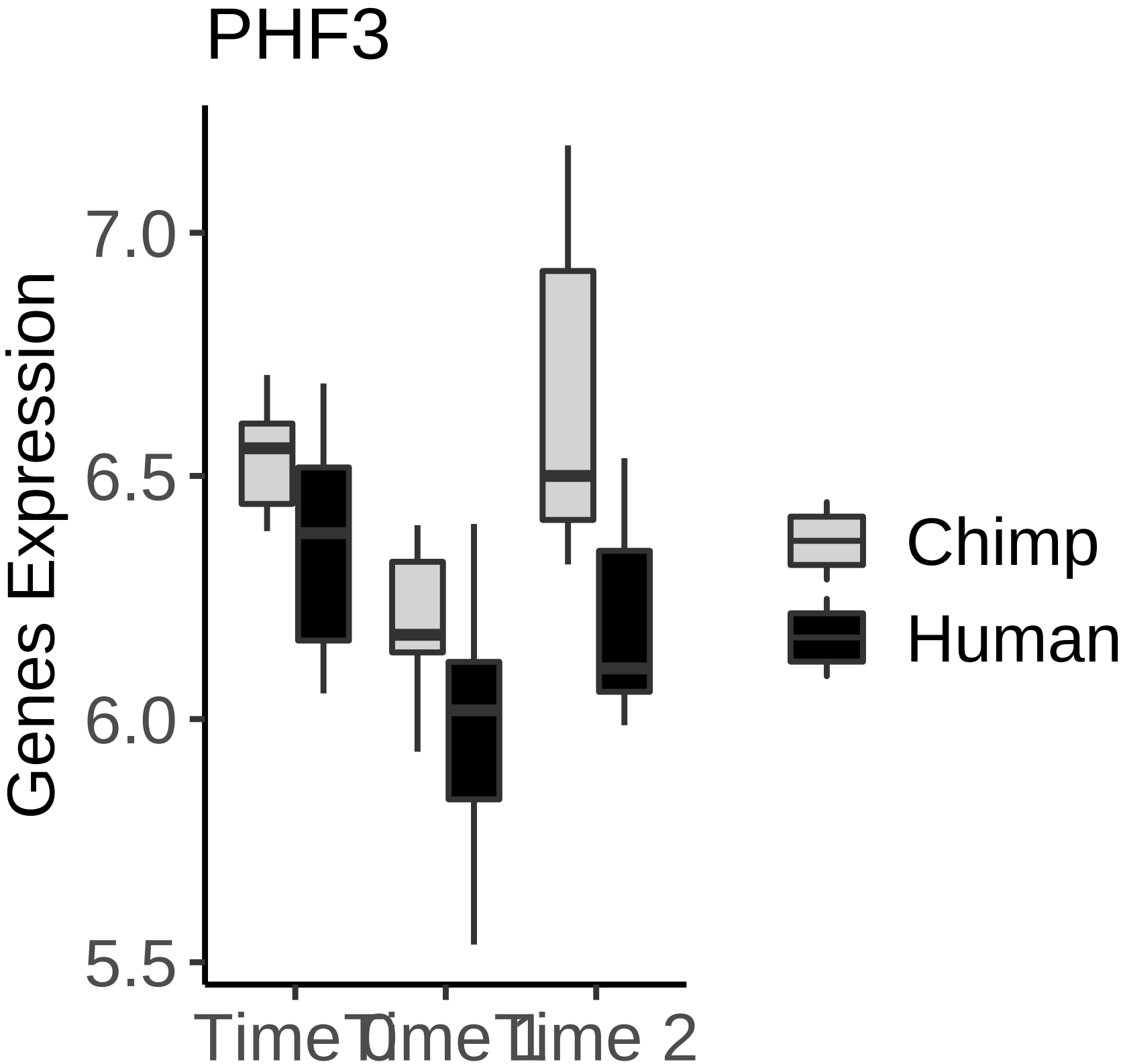
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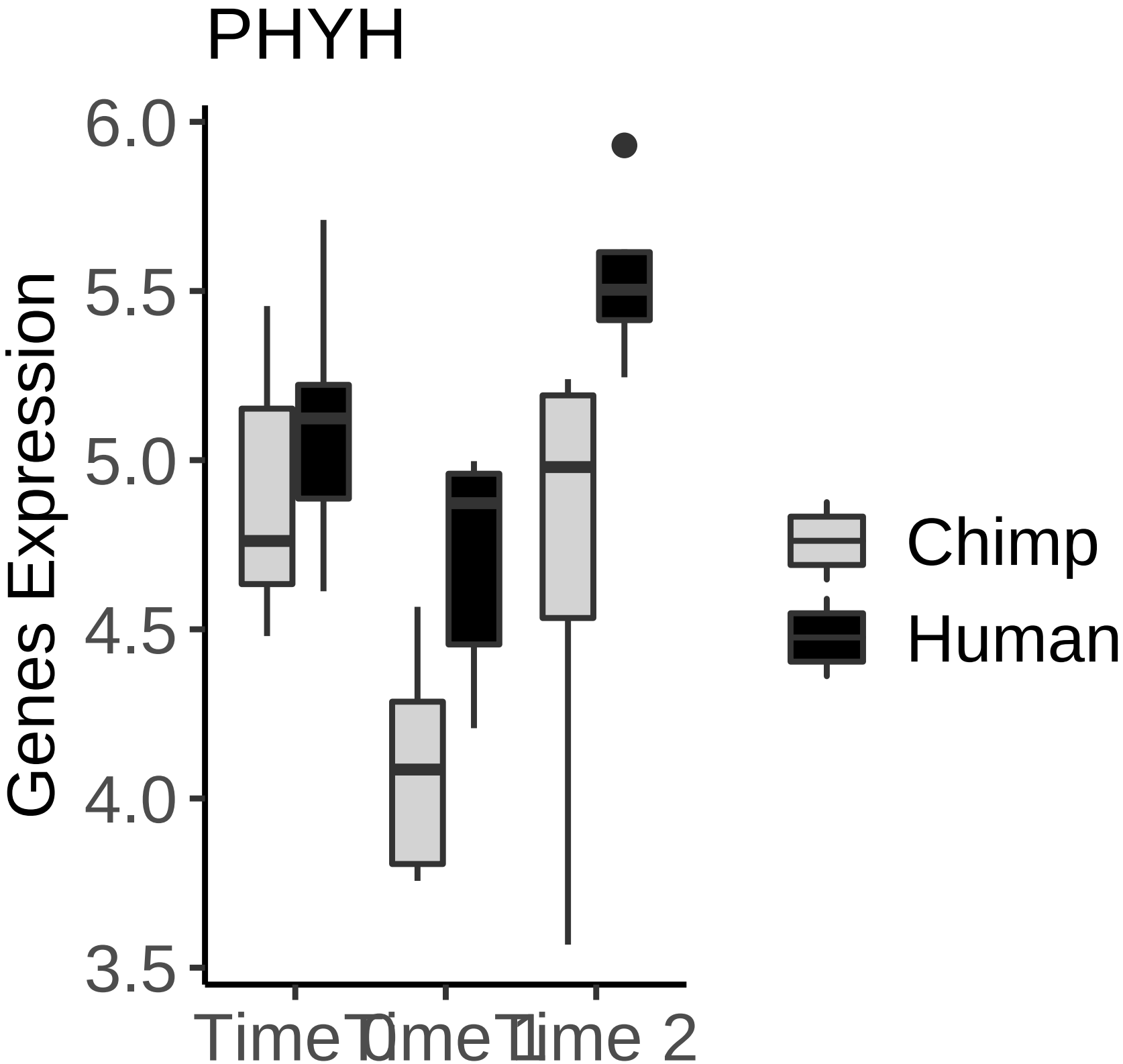
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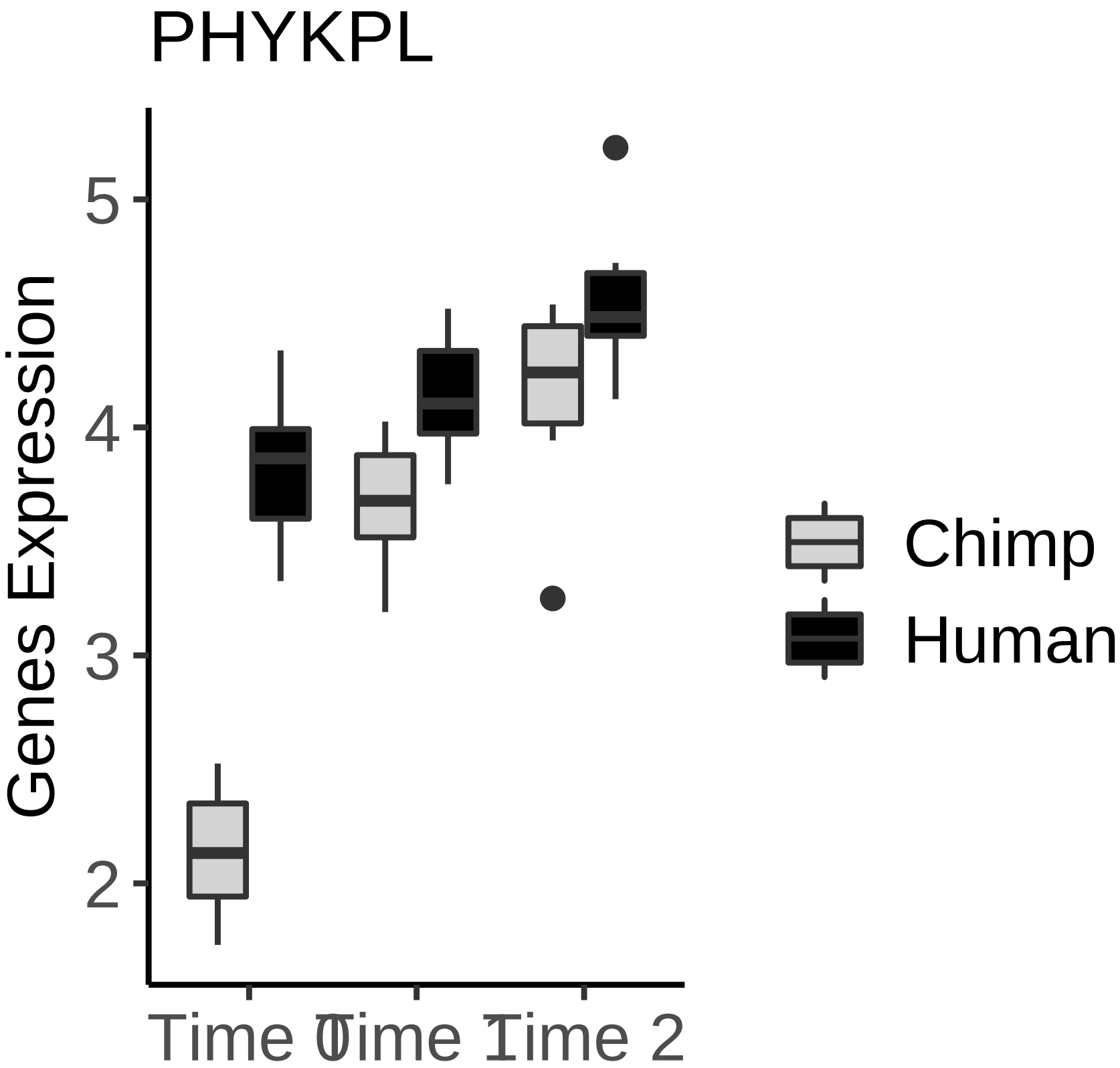
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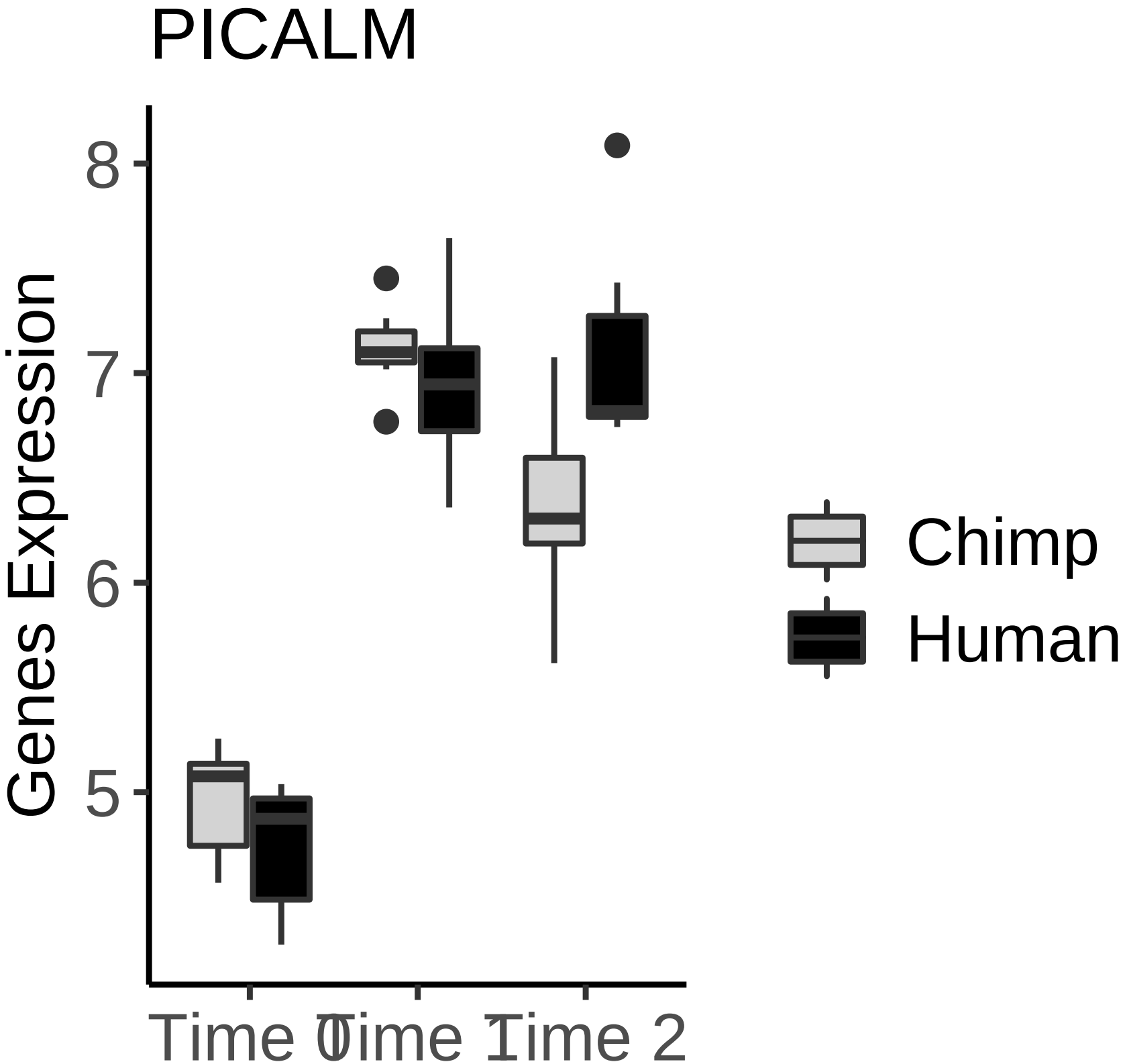
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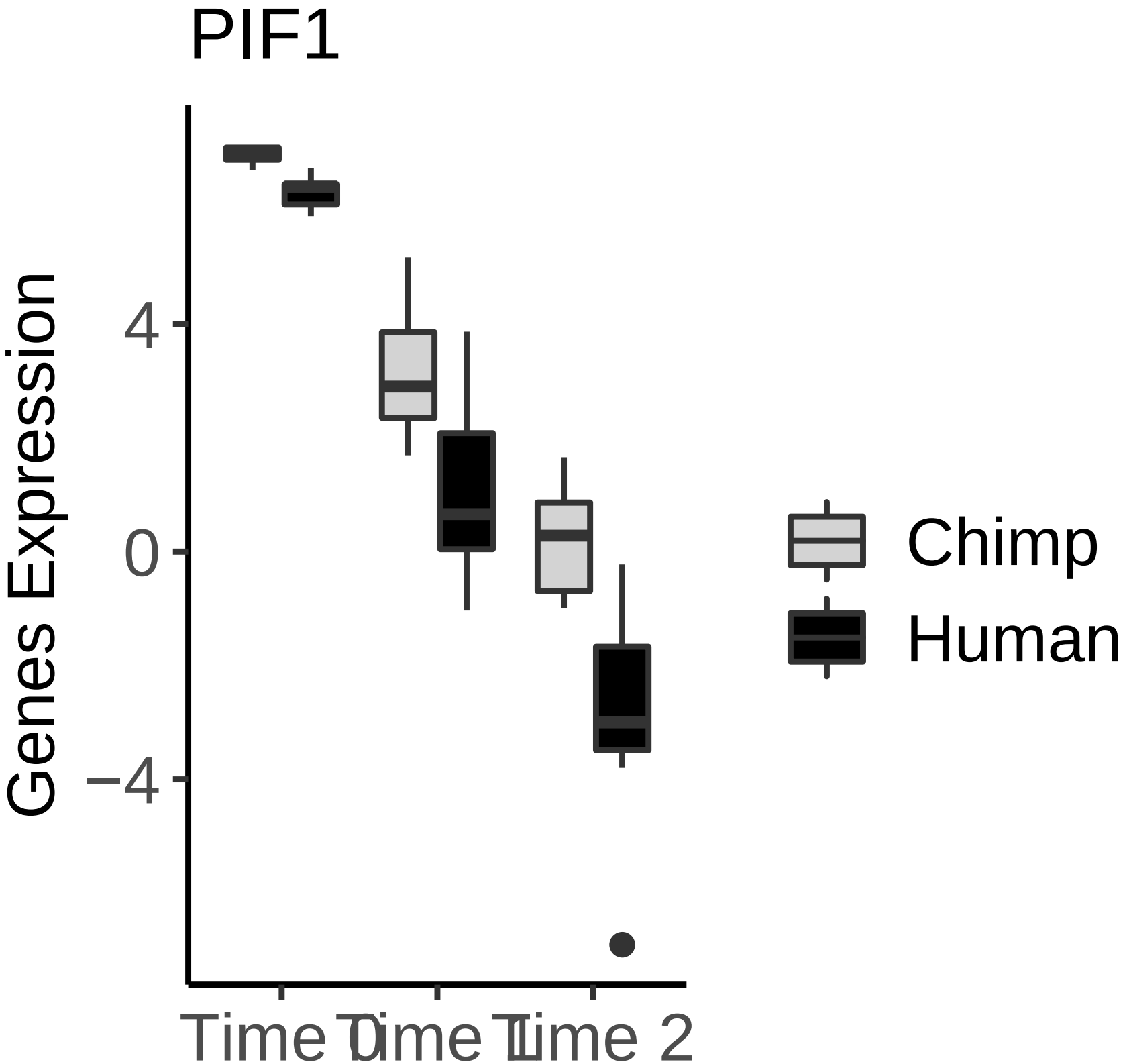
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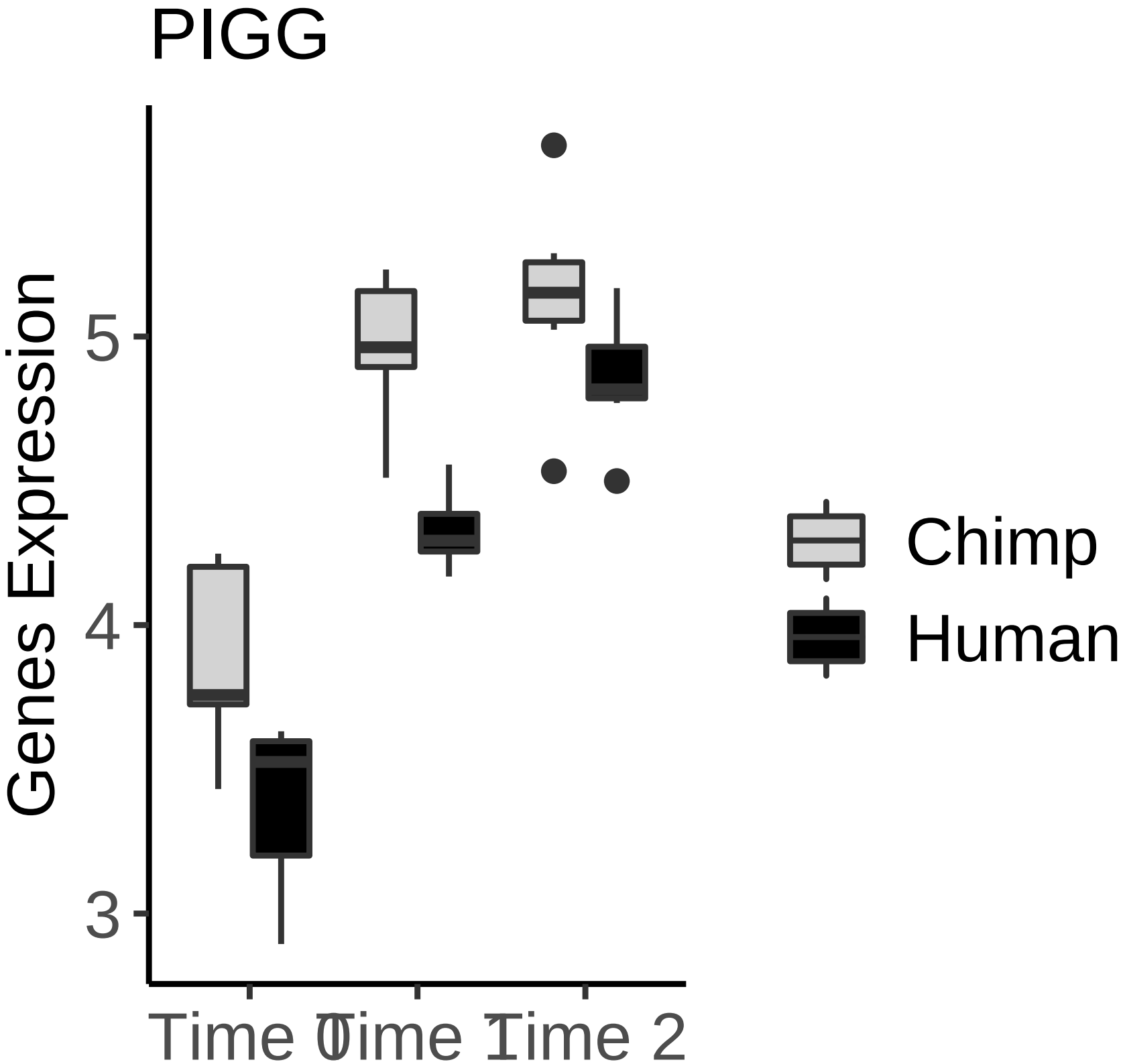
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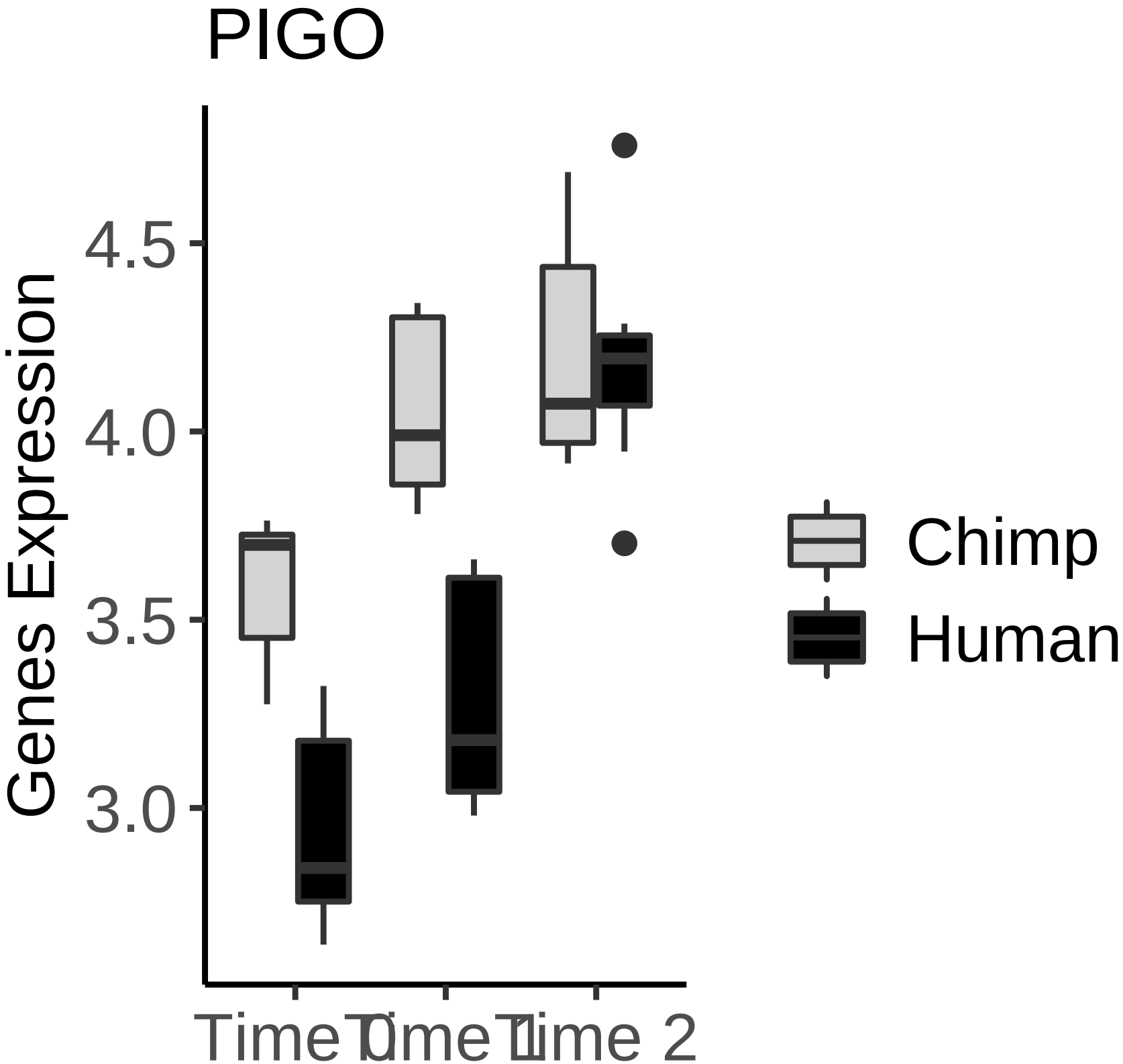
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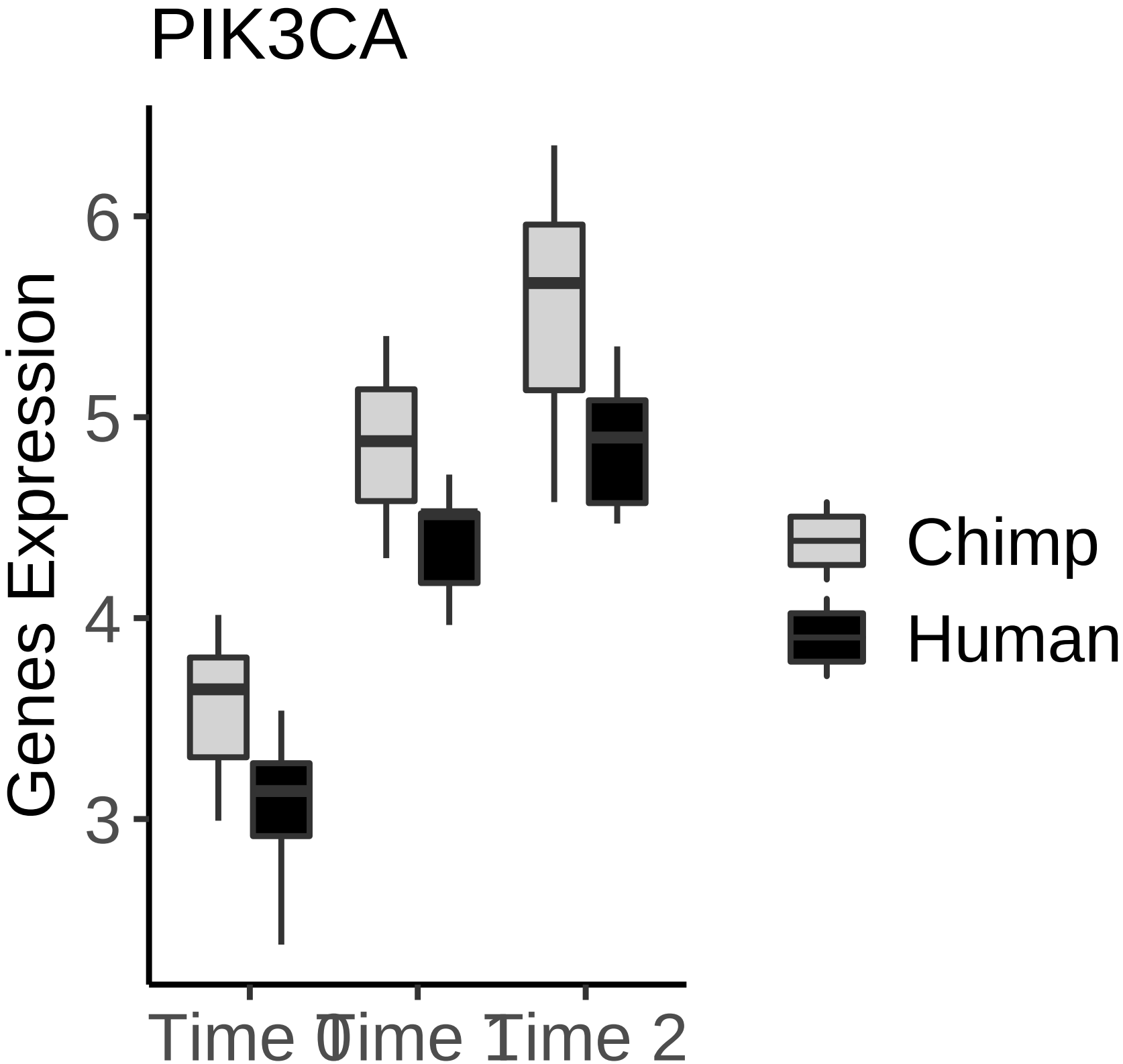
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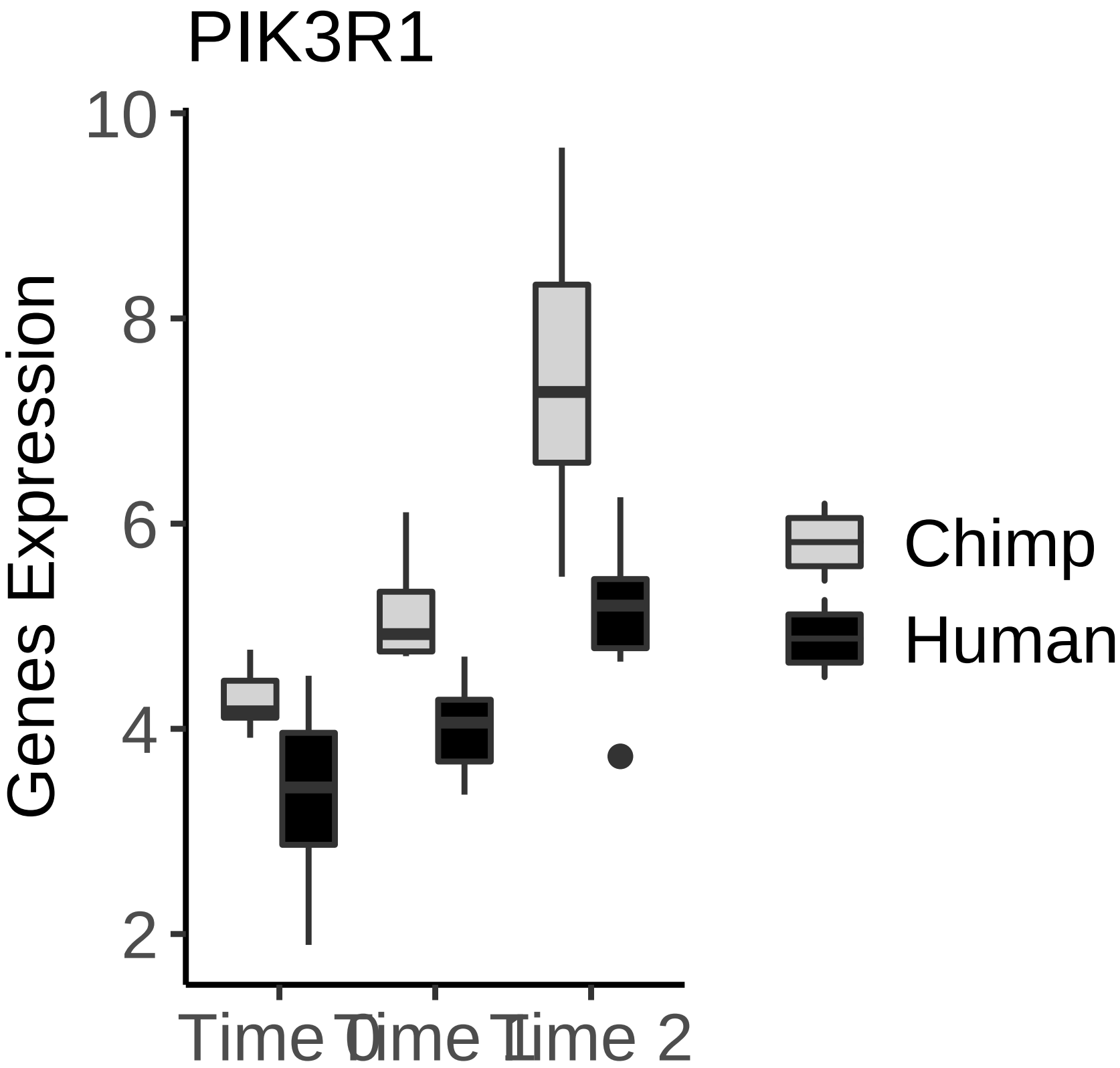
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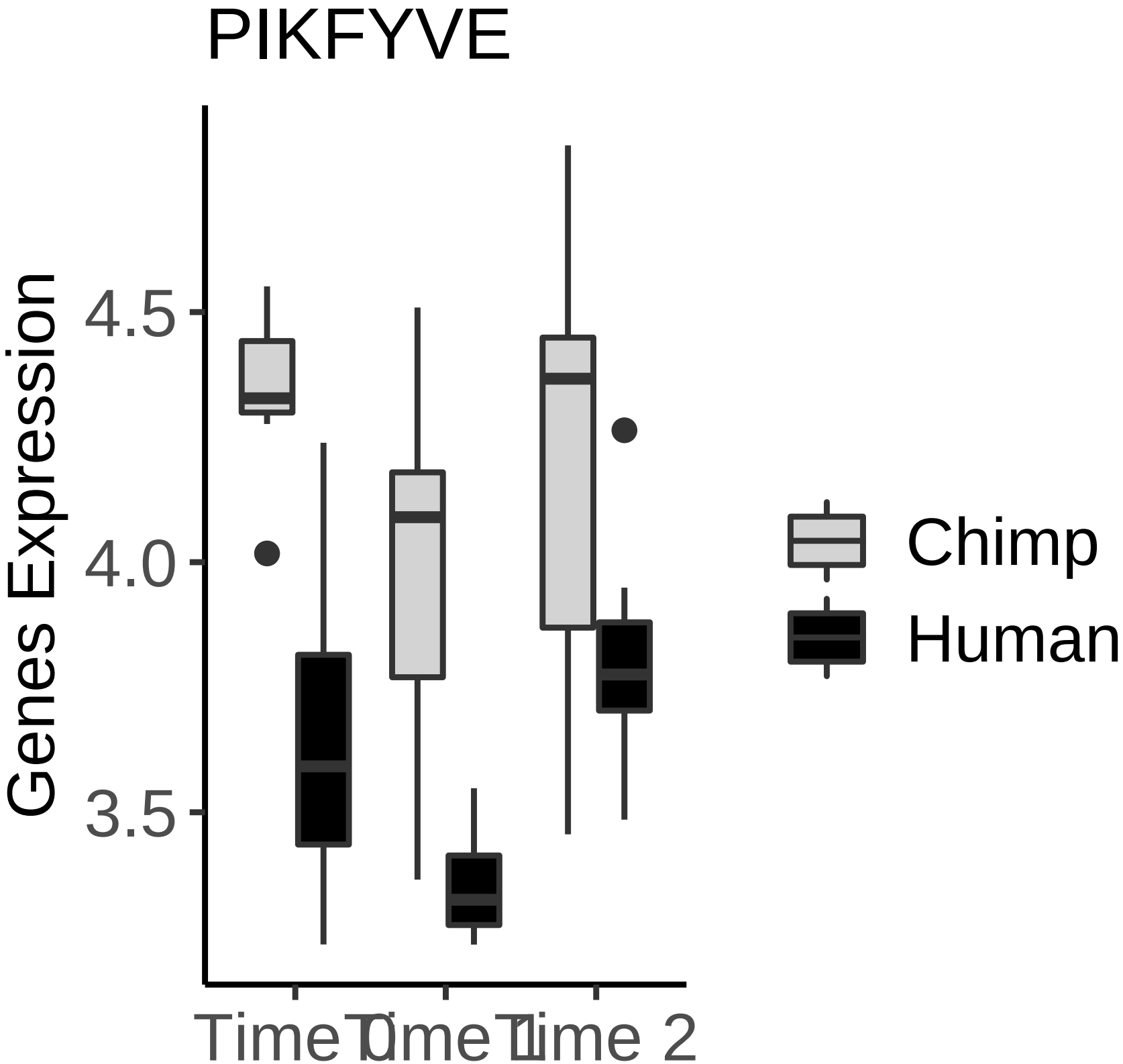
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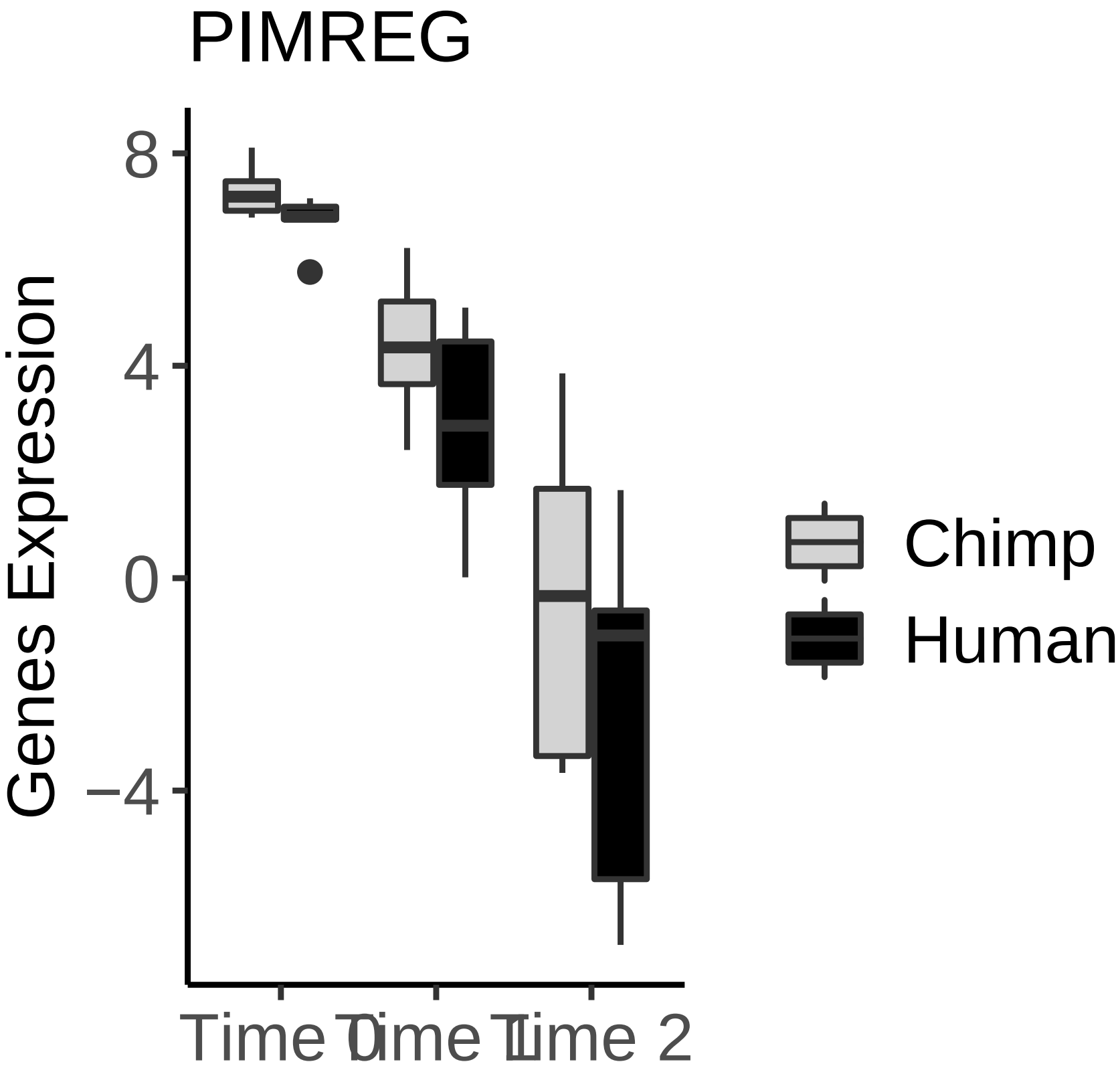
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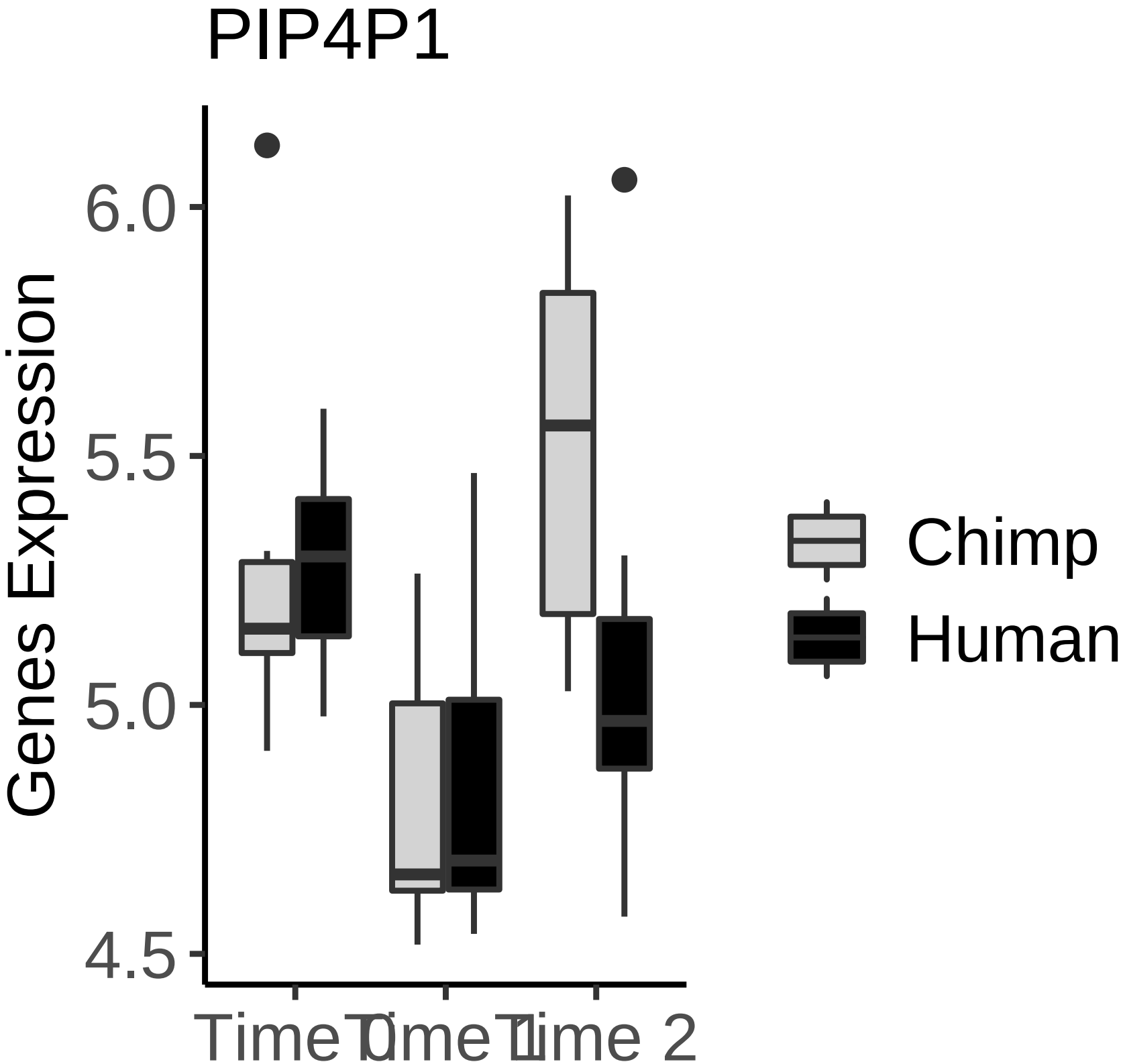
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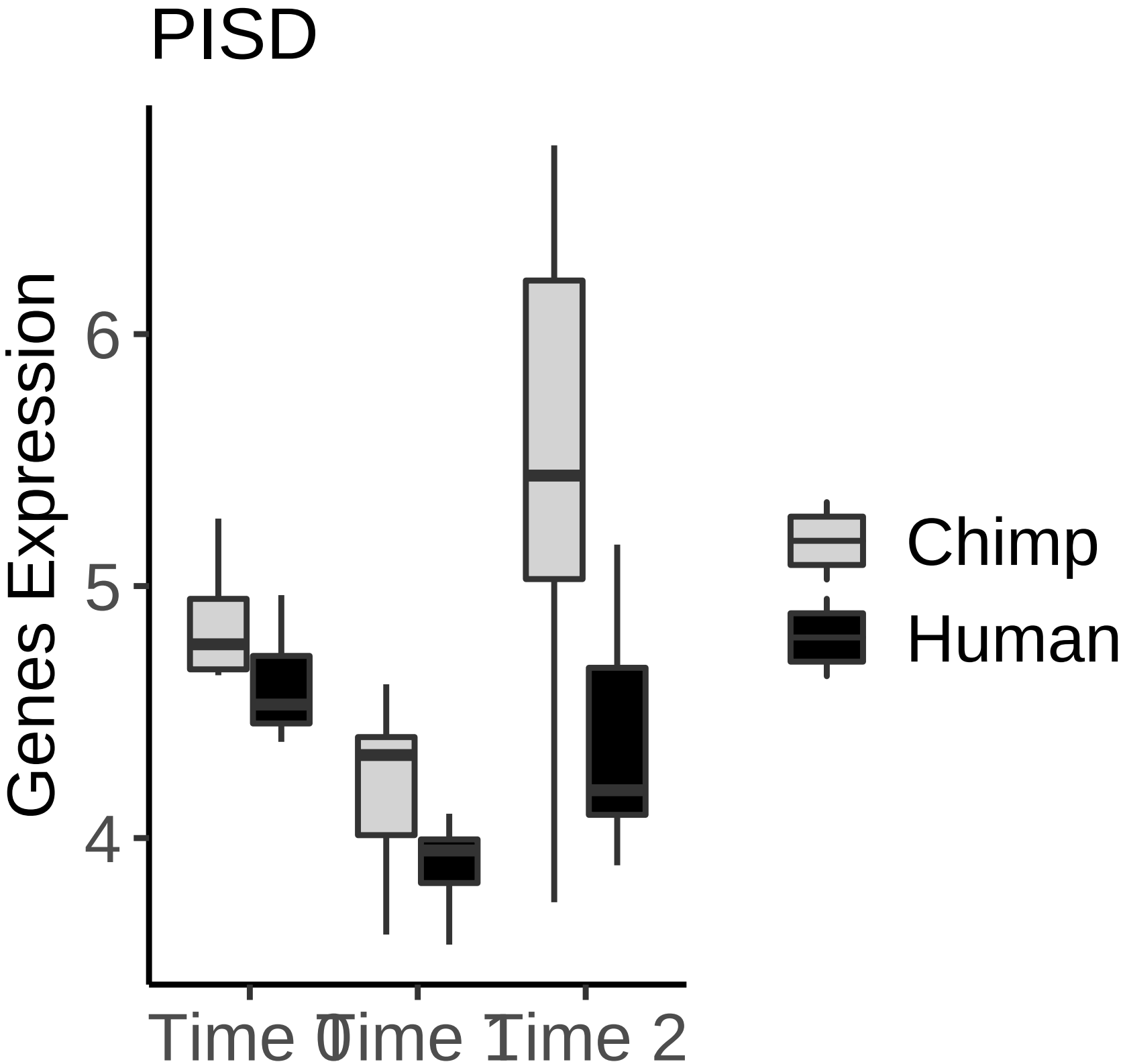
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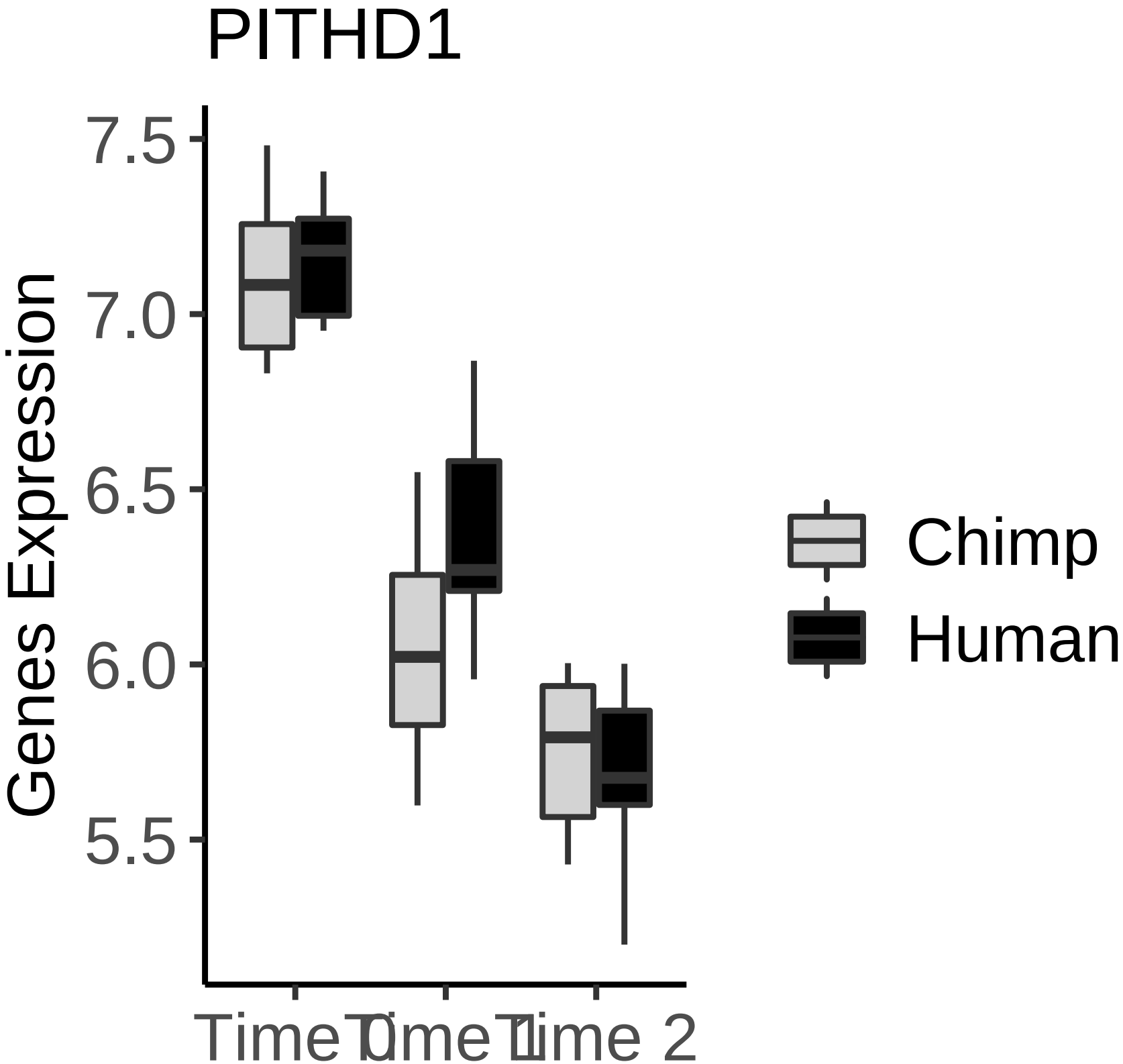
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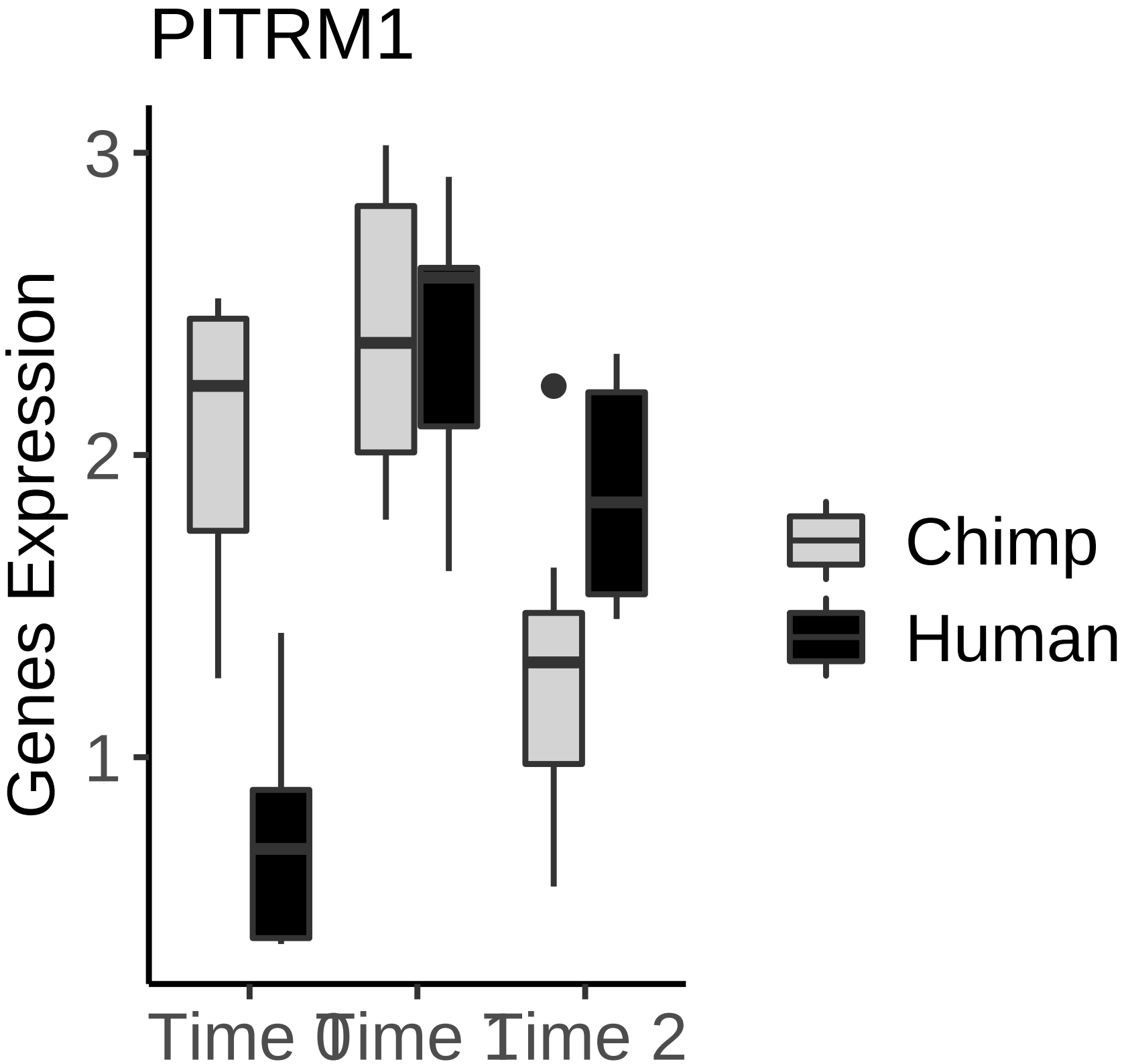
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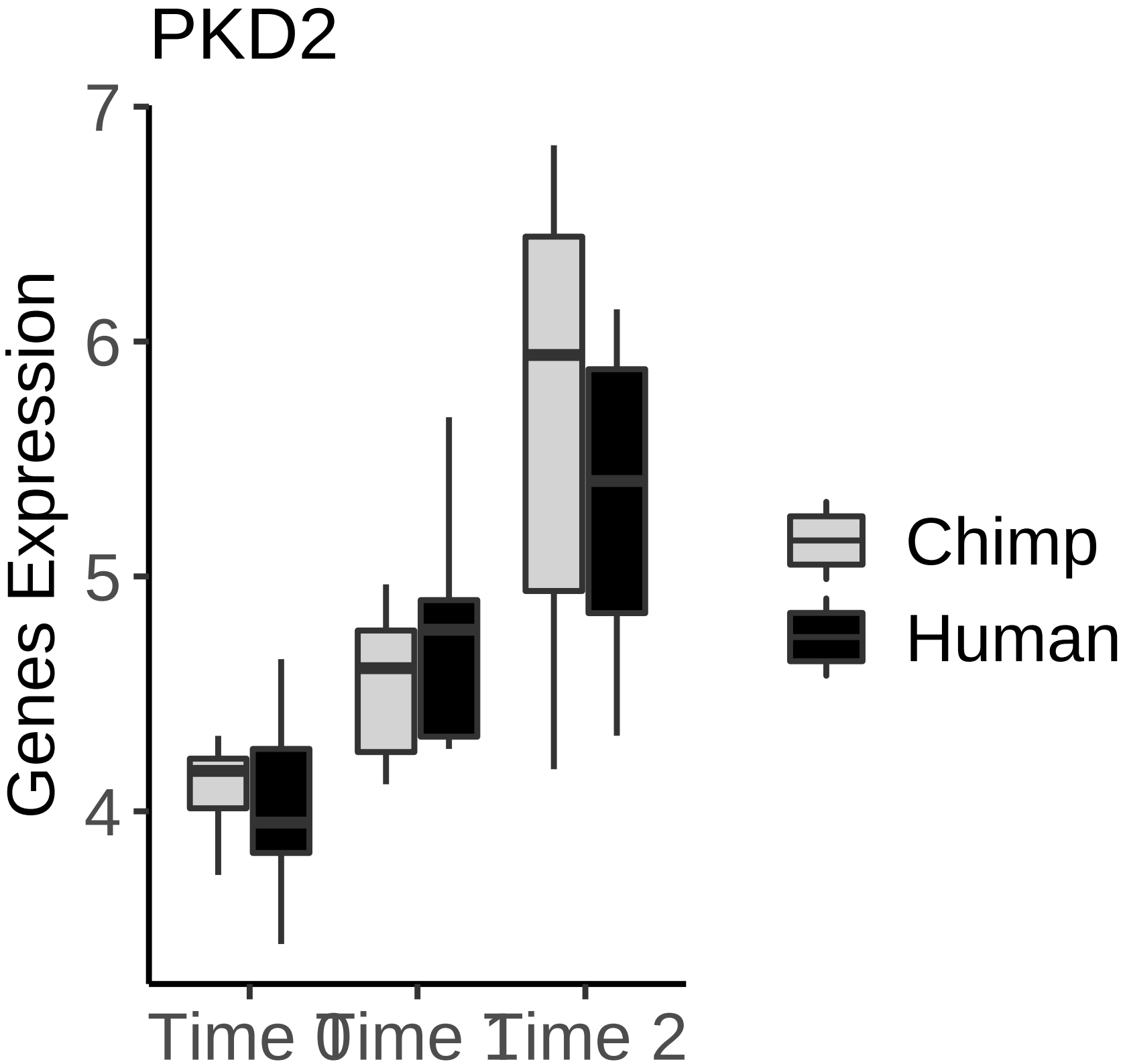
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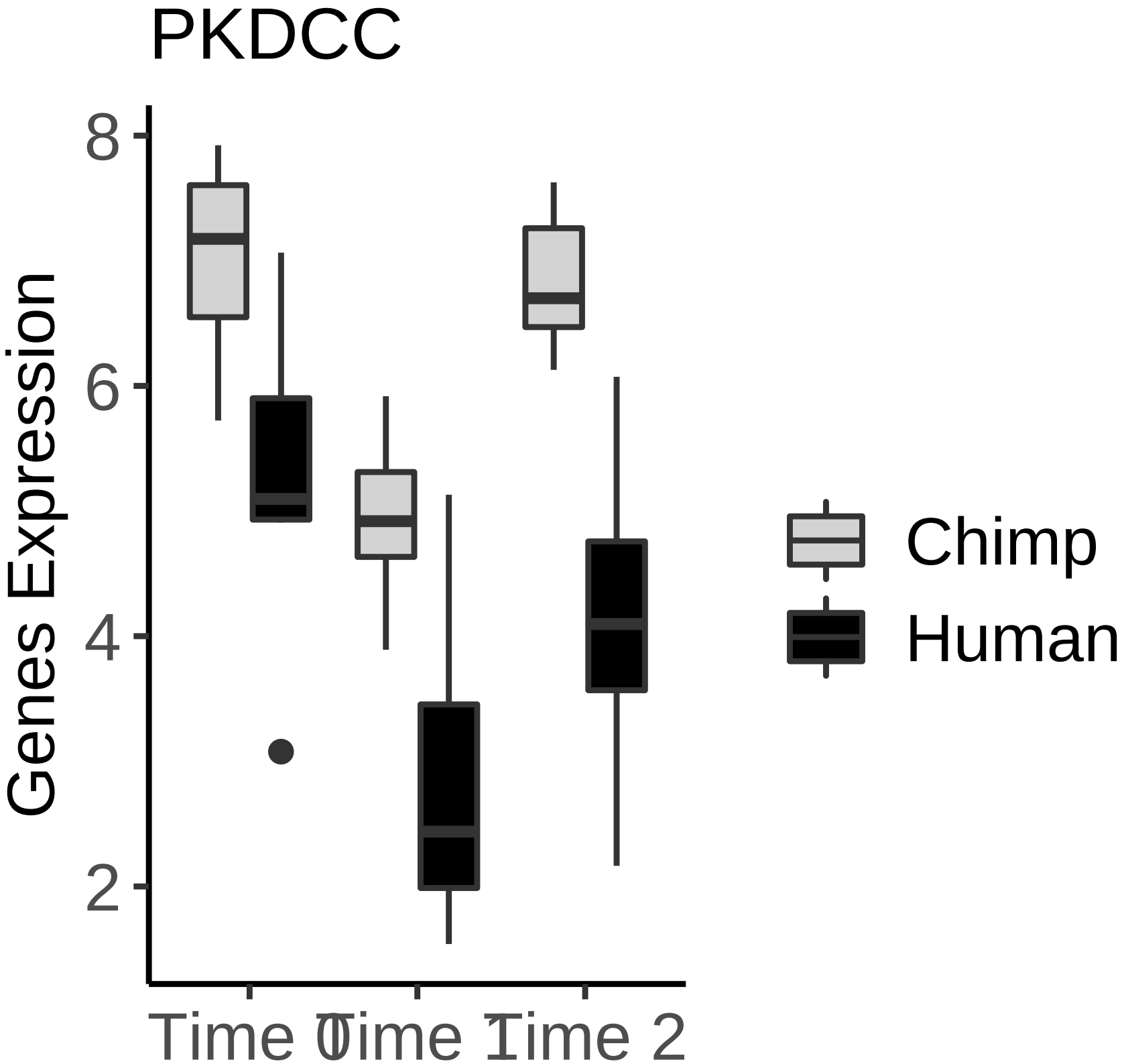
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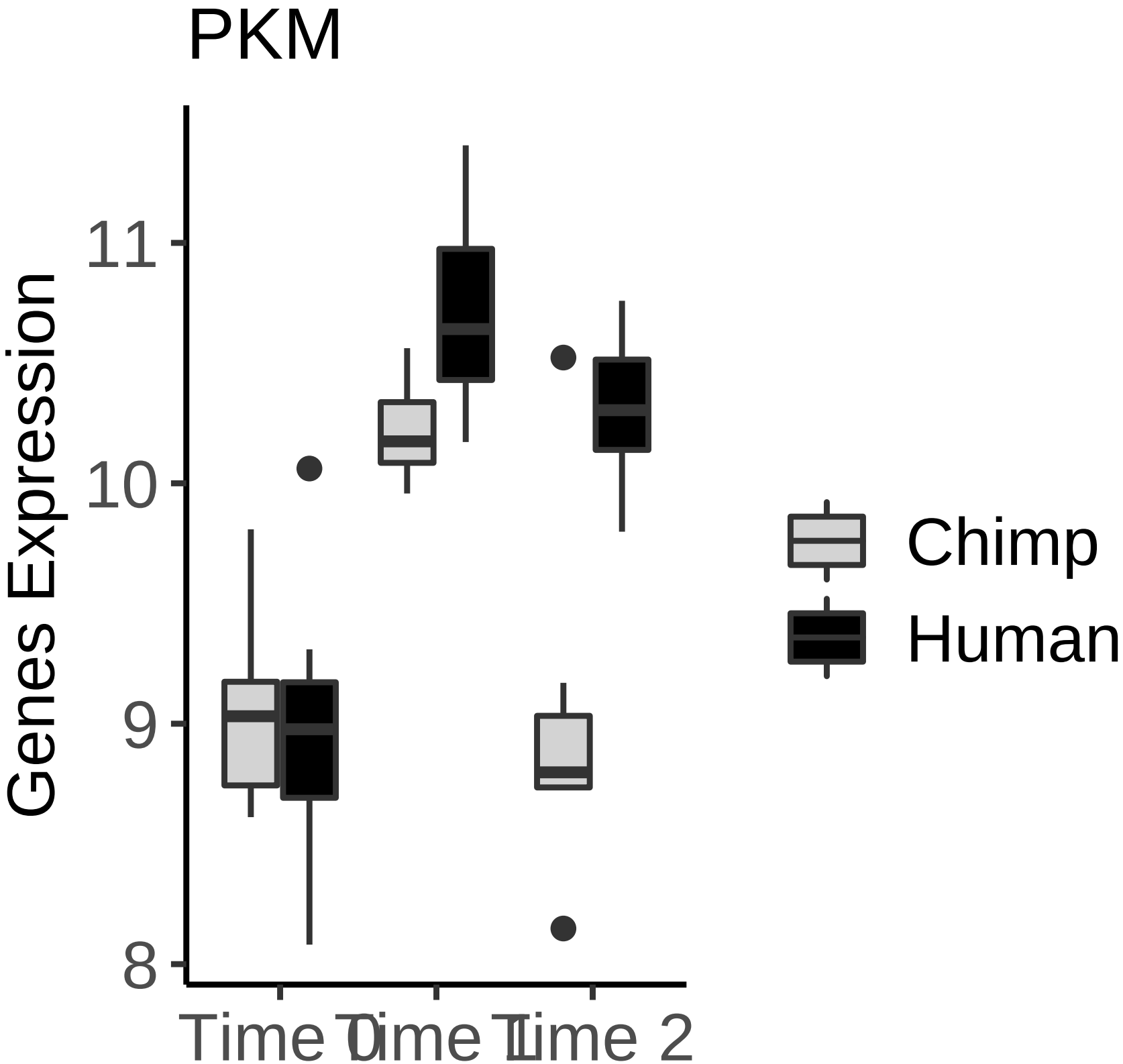
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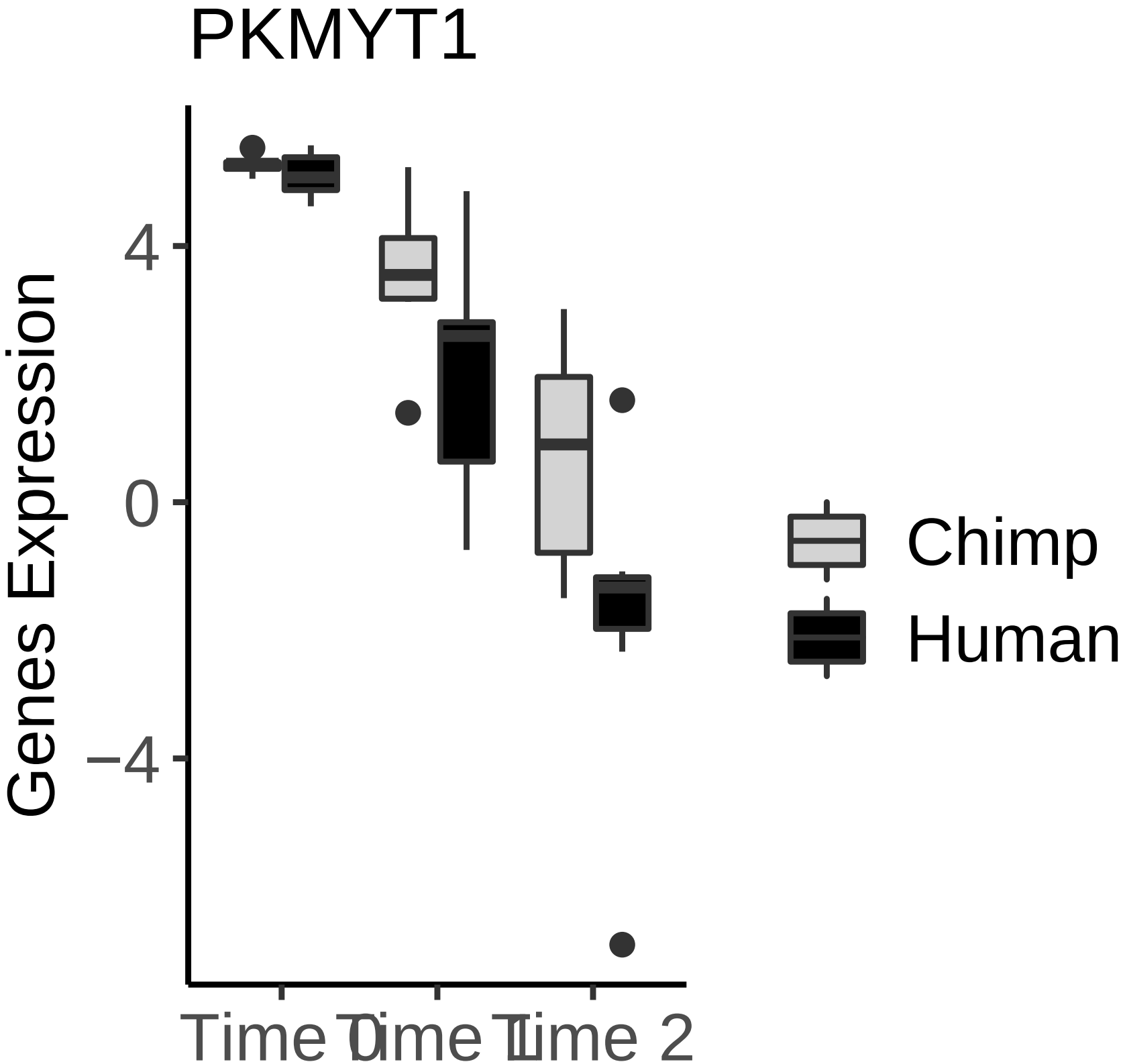
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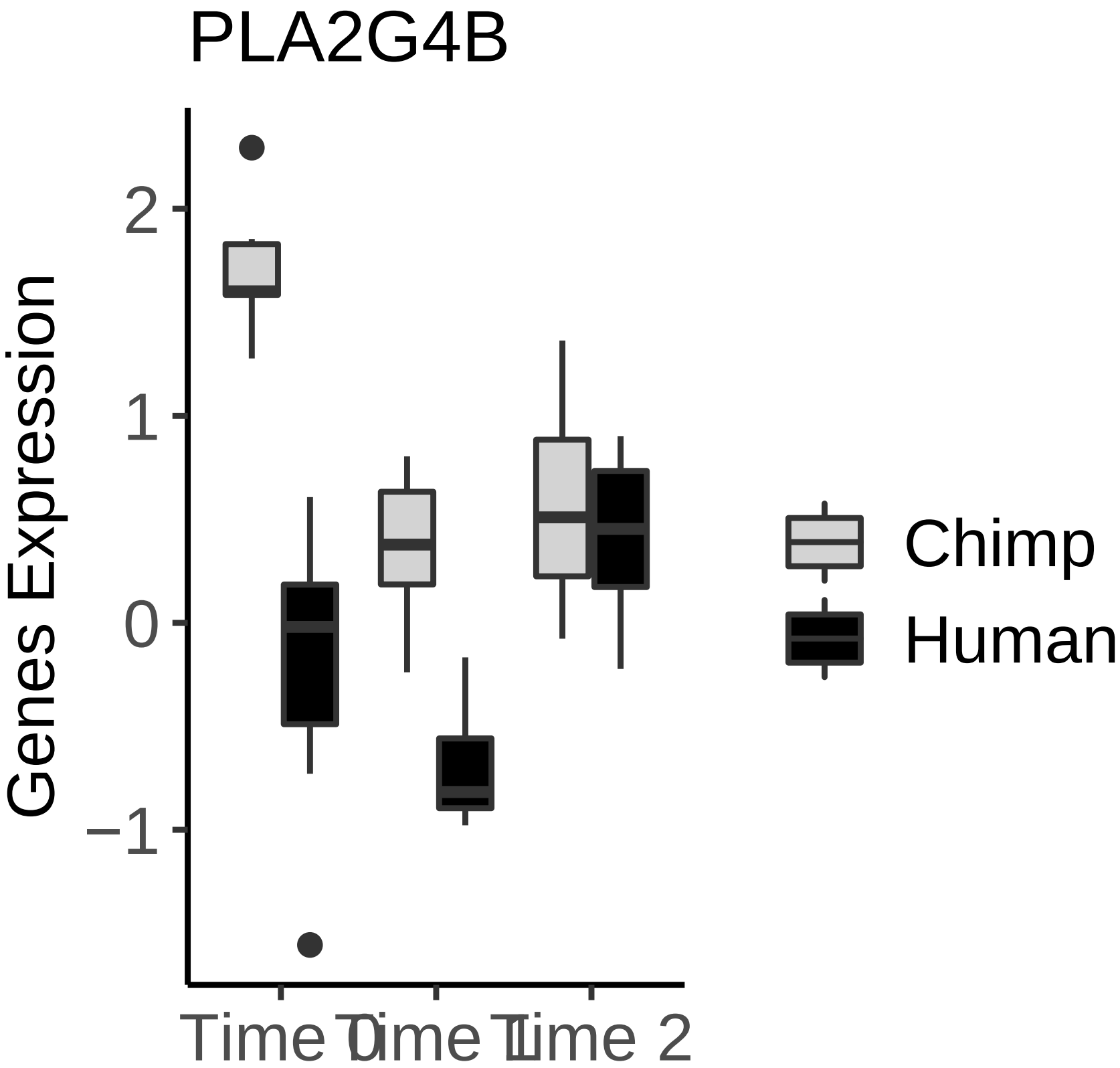
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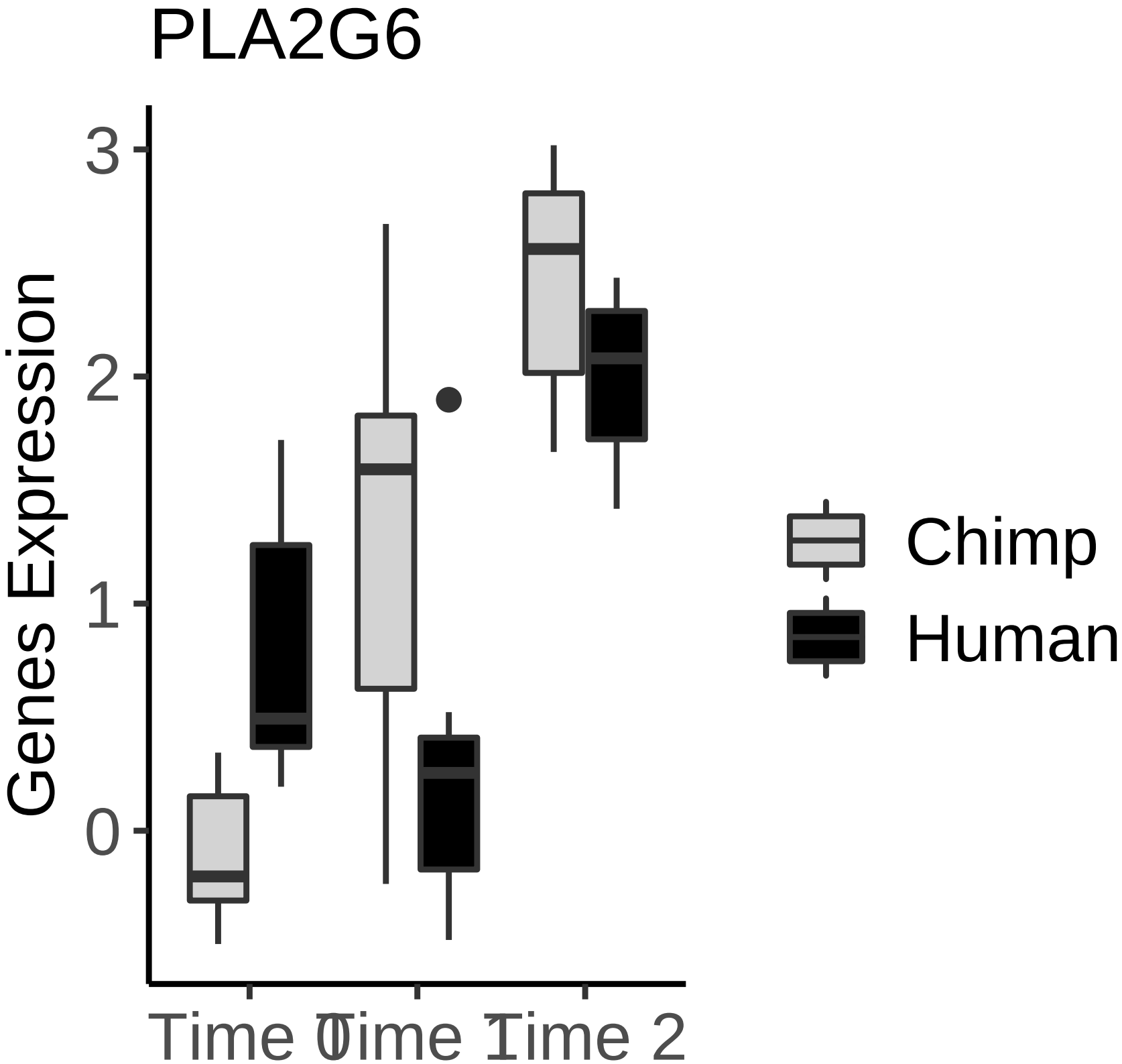
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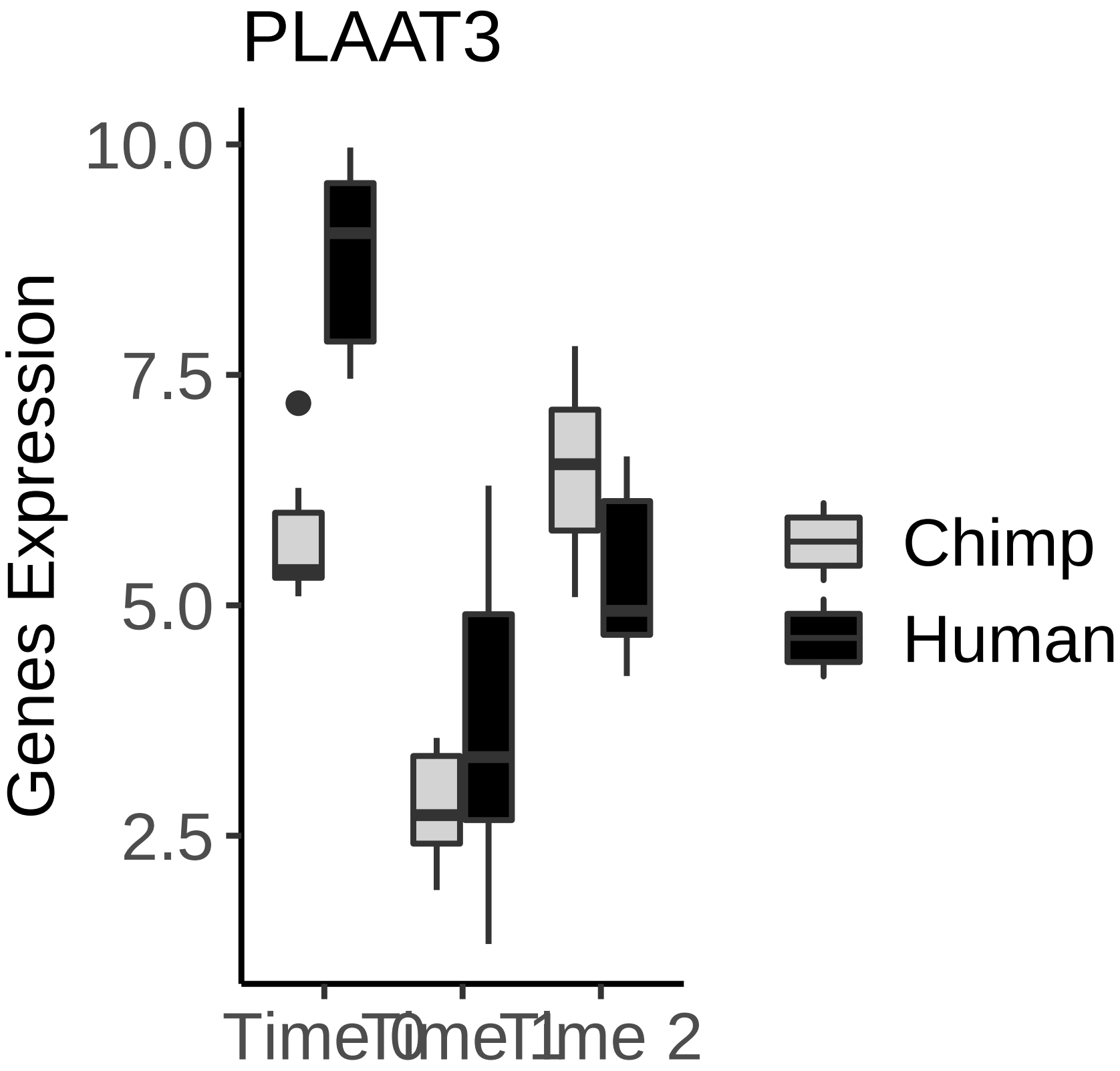
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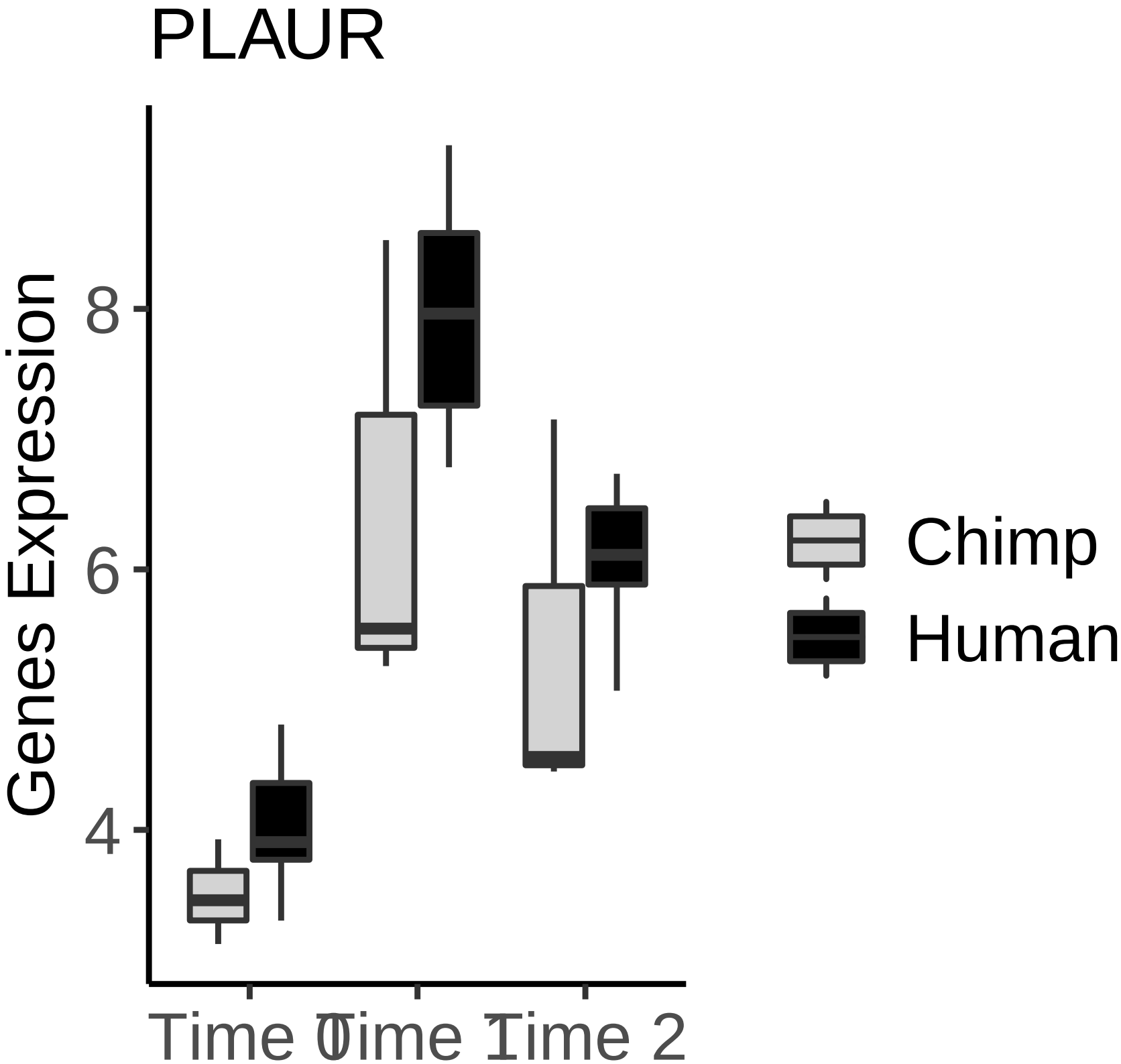
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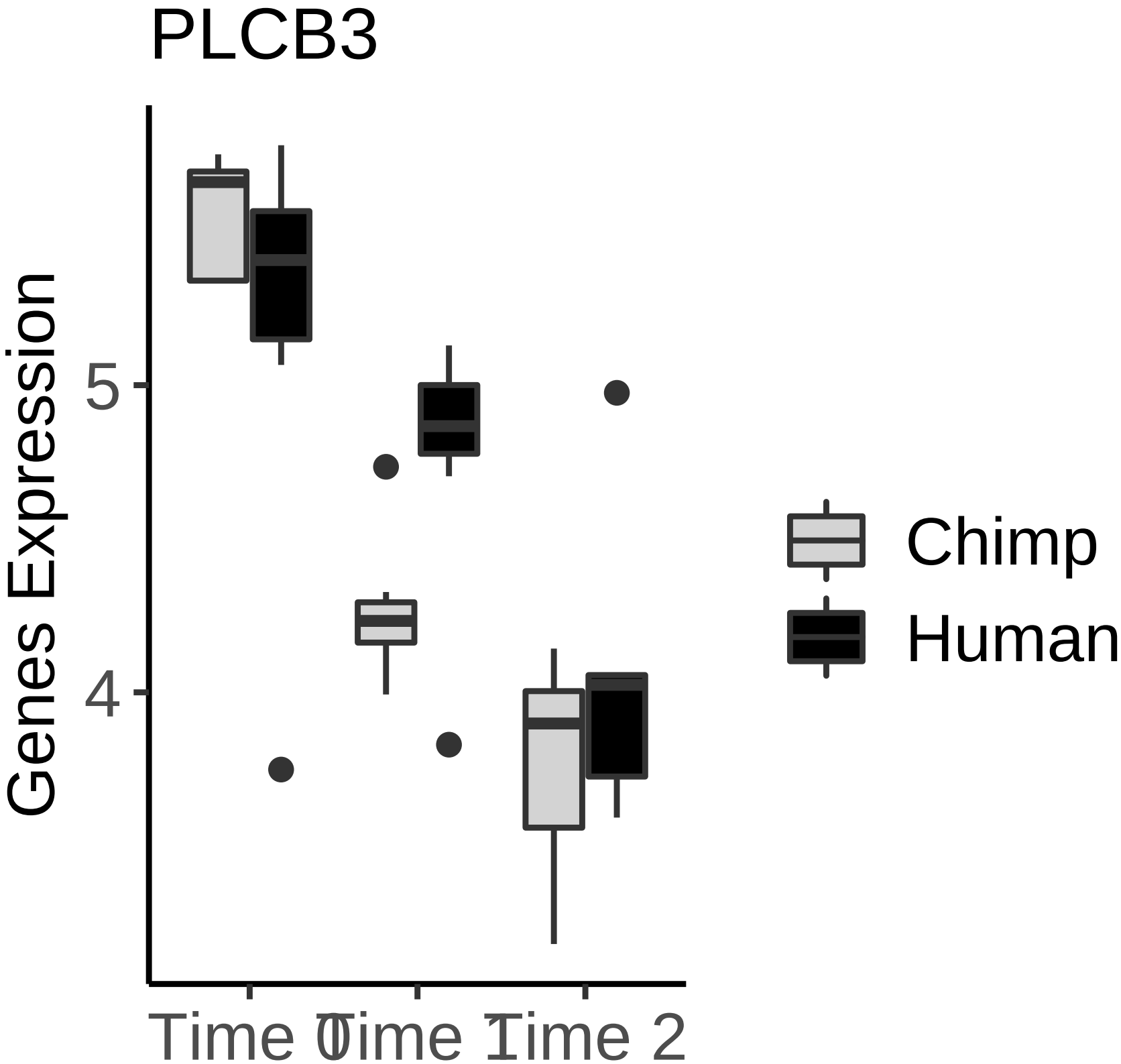
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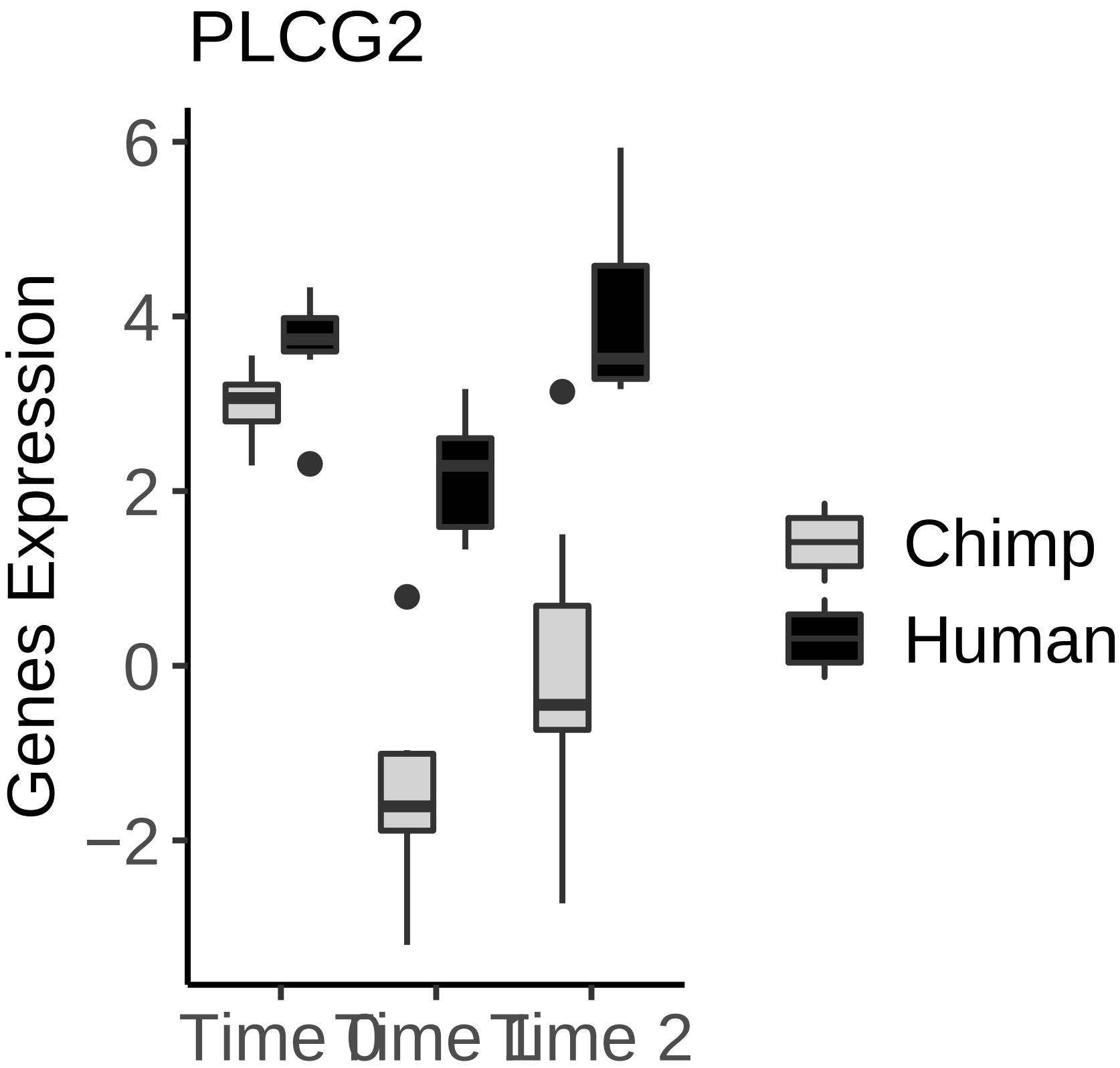
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Chimp
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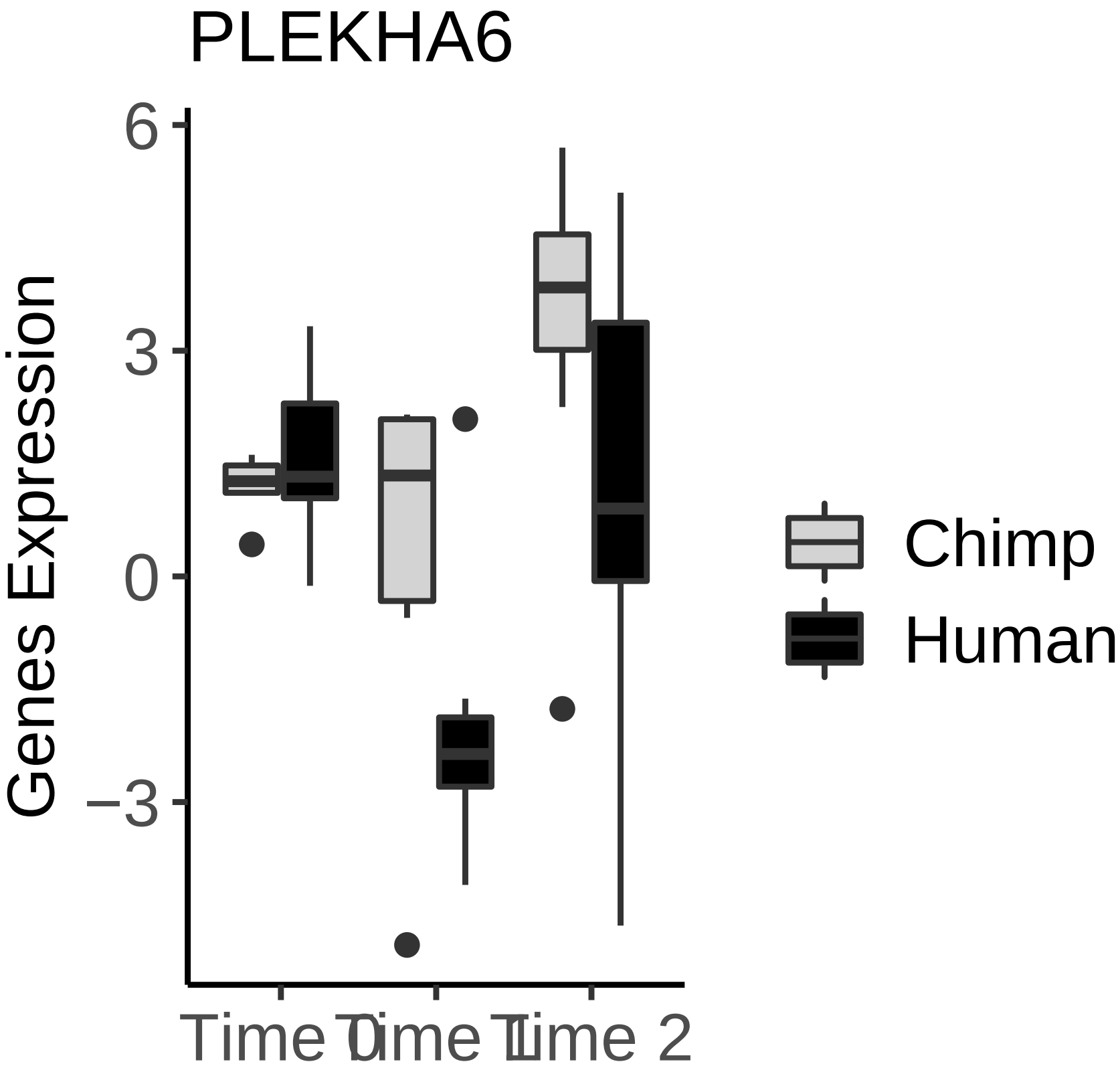
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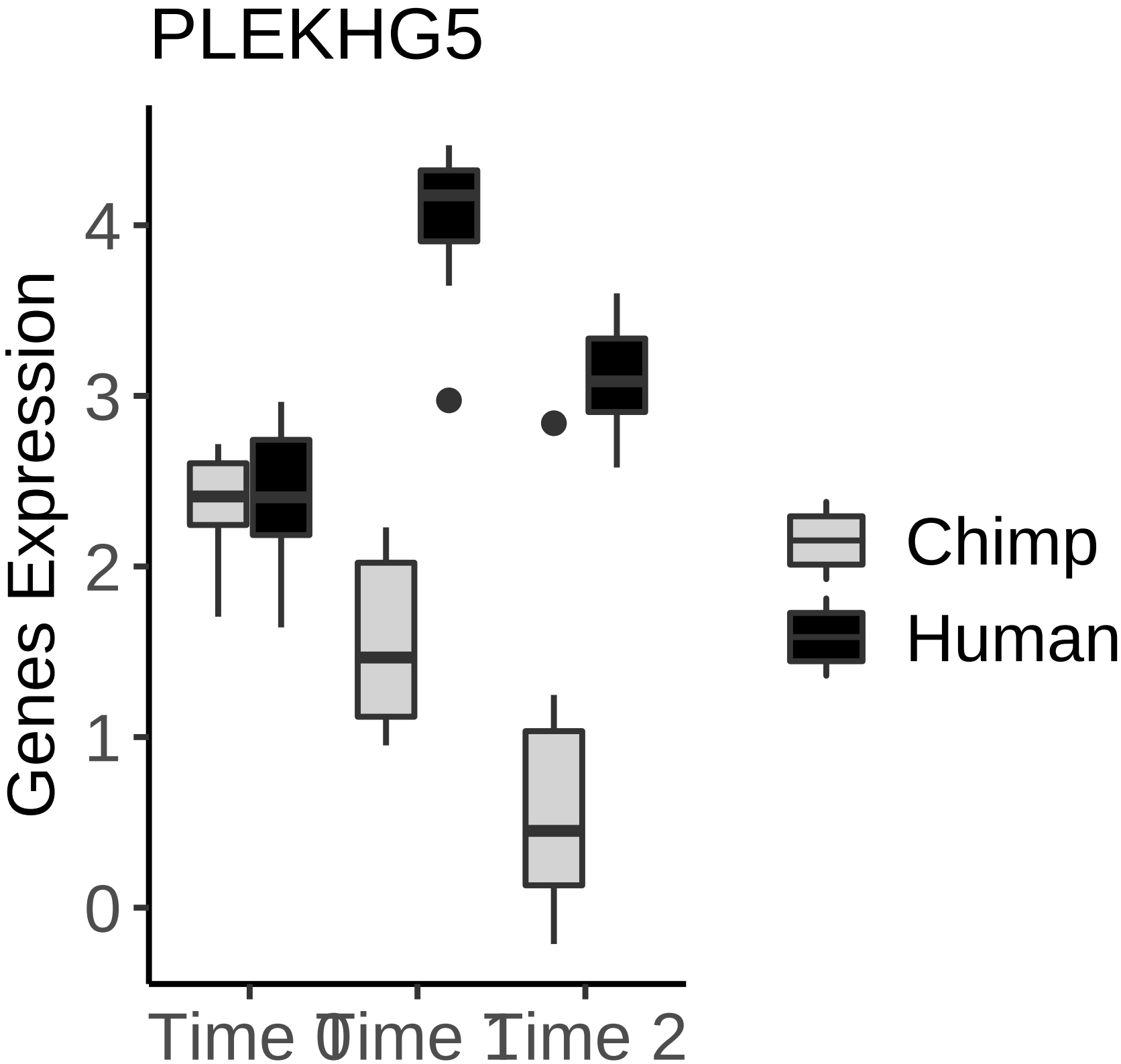
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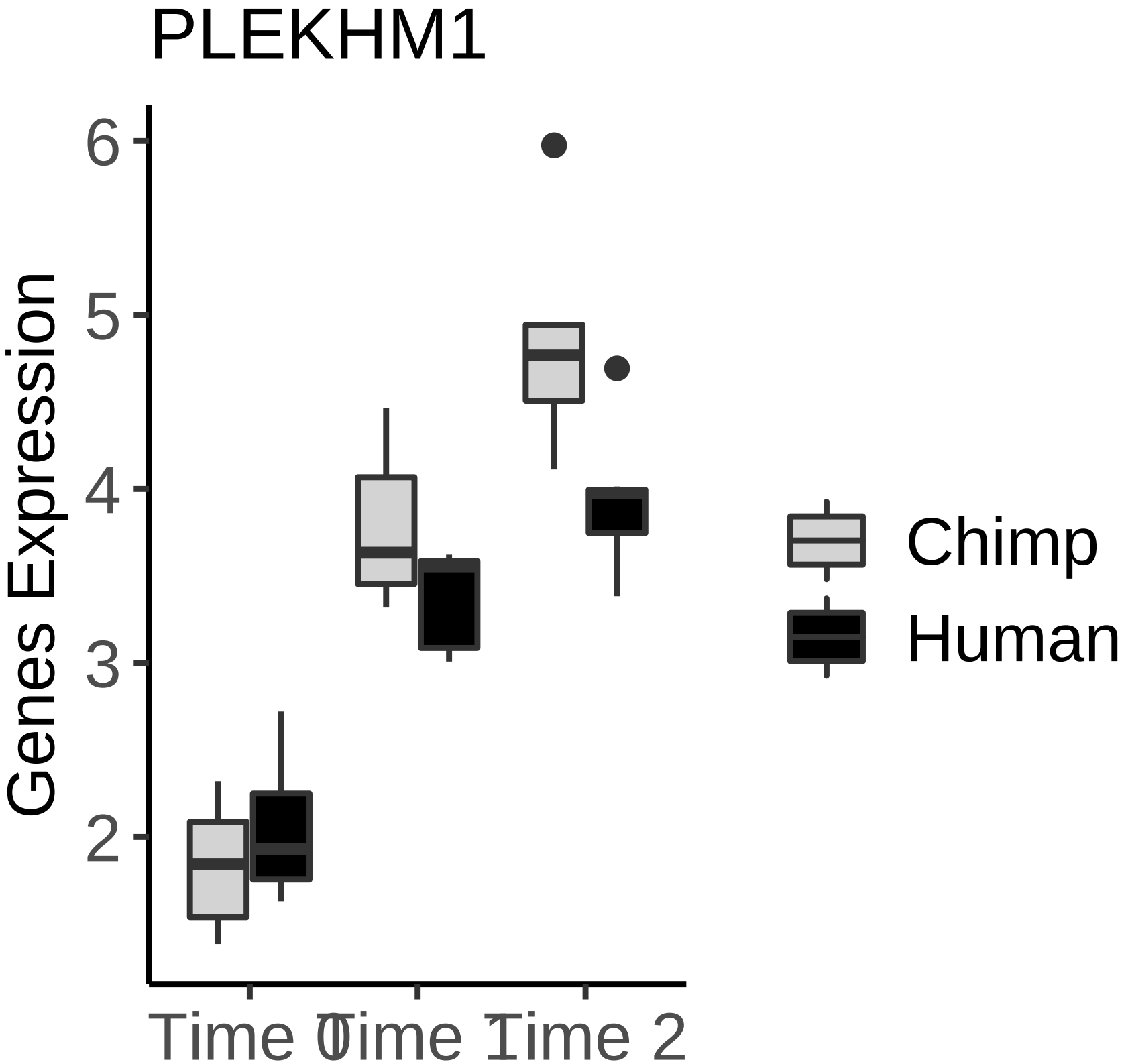
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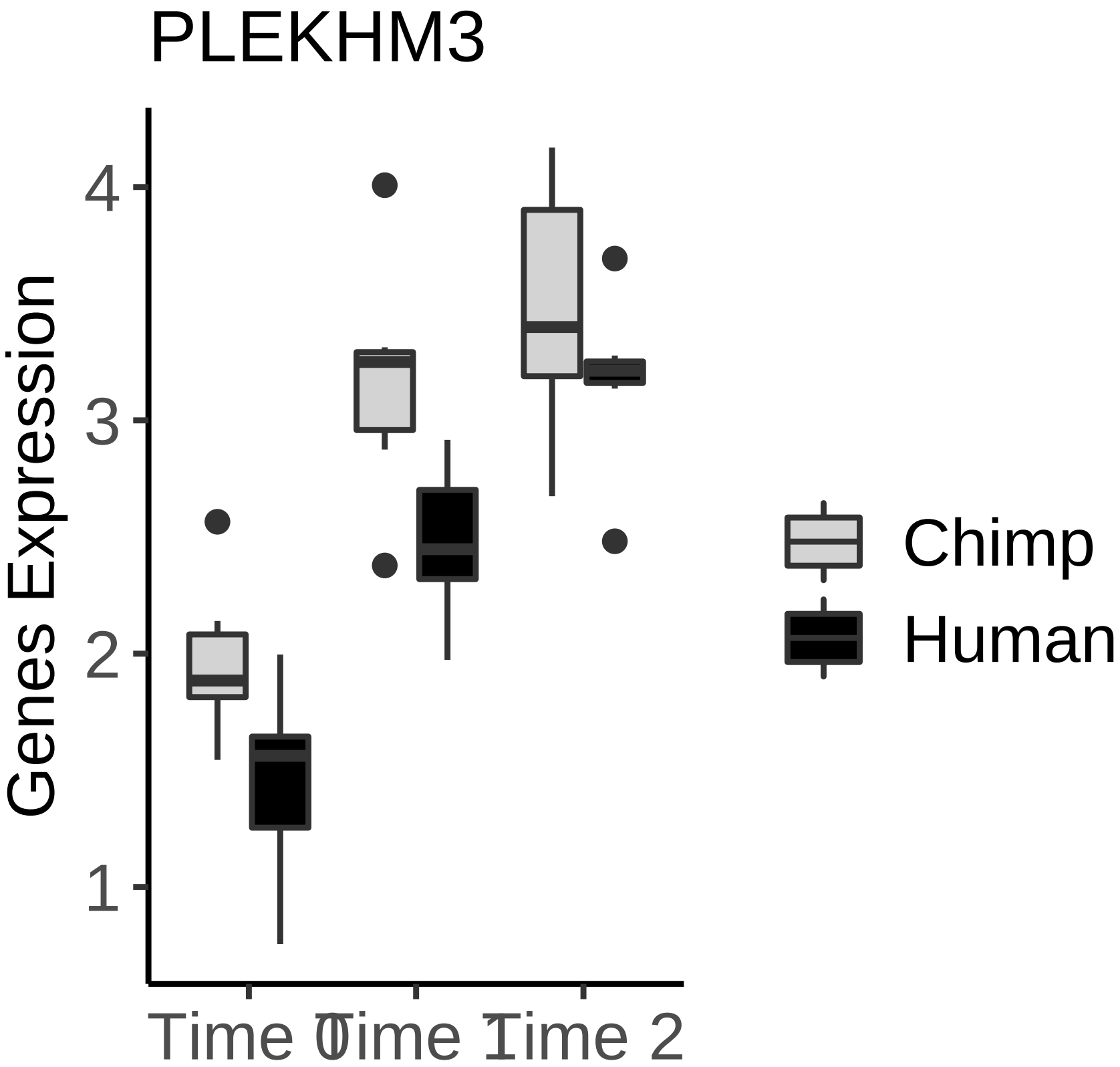
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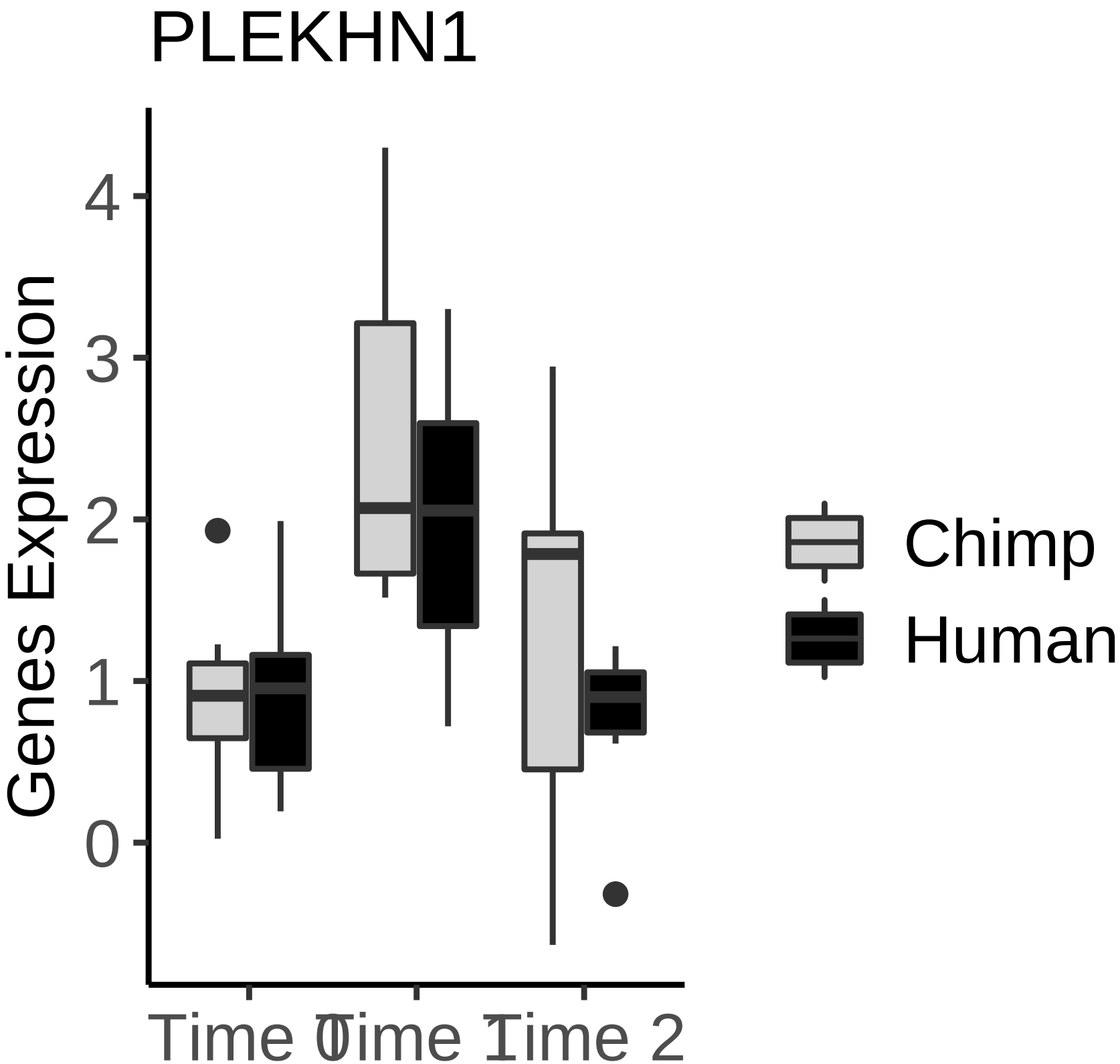
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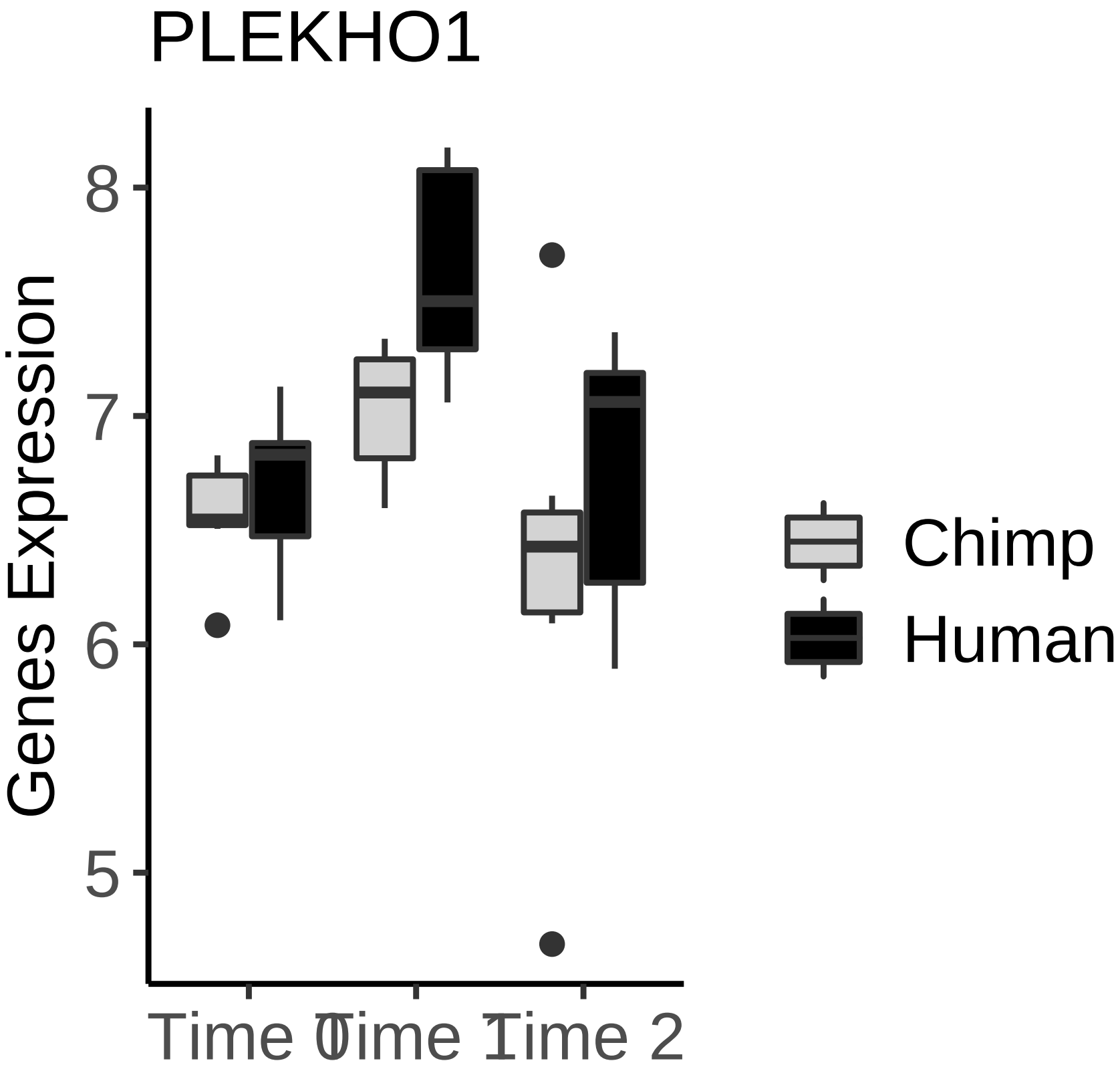
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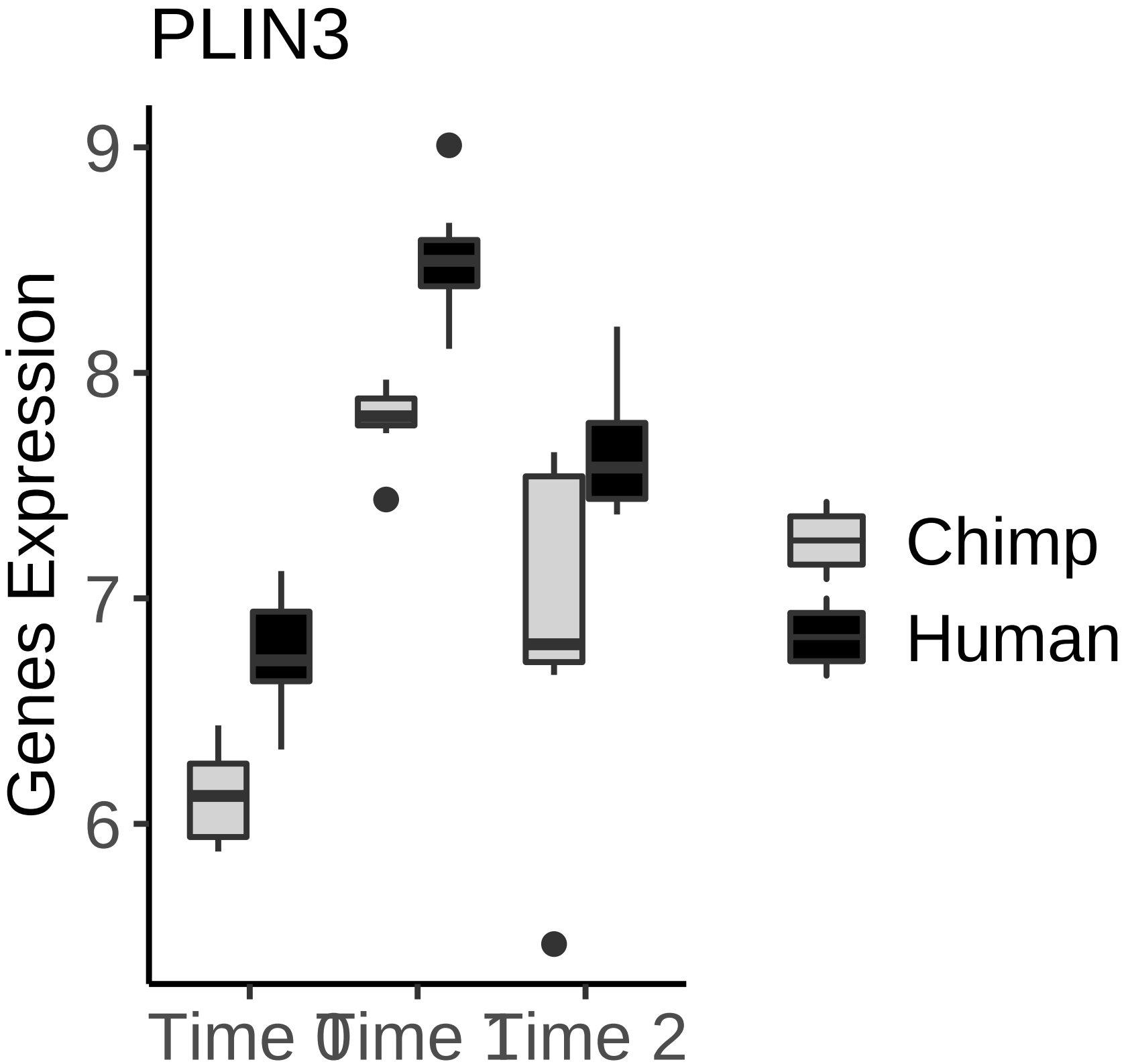
Time 1
Time 2
Chimp
Human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9
8
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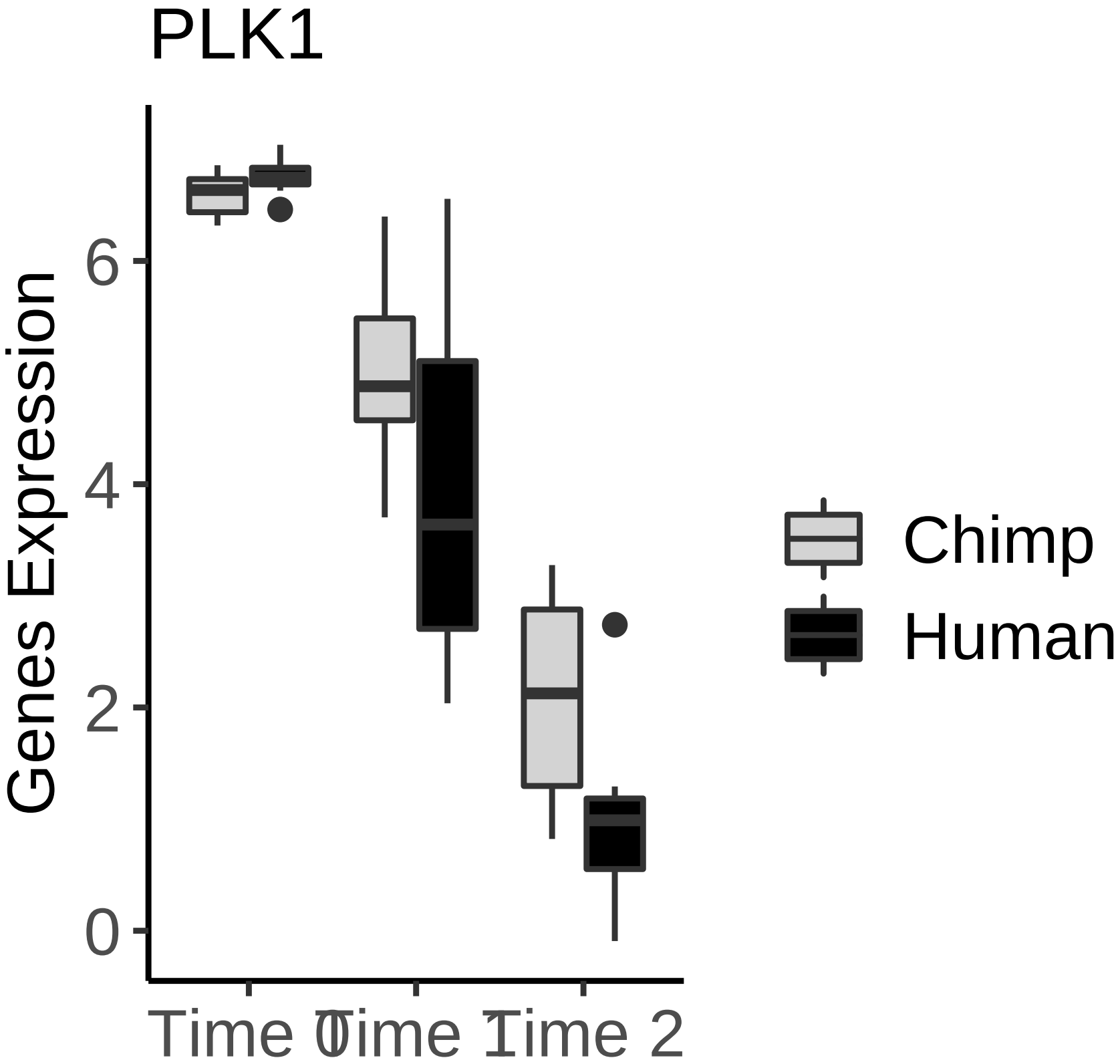
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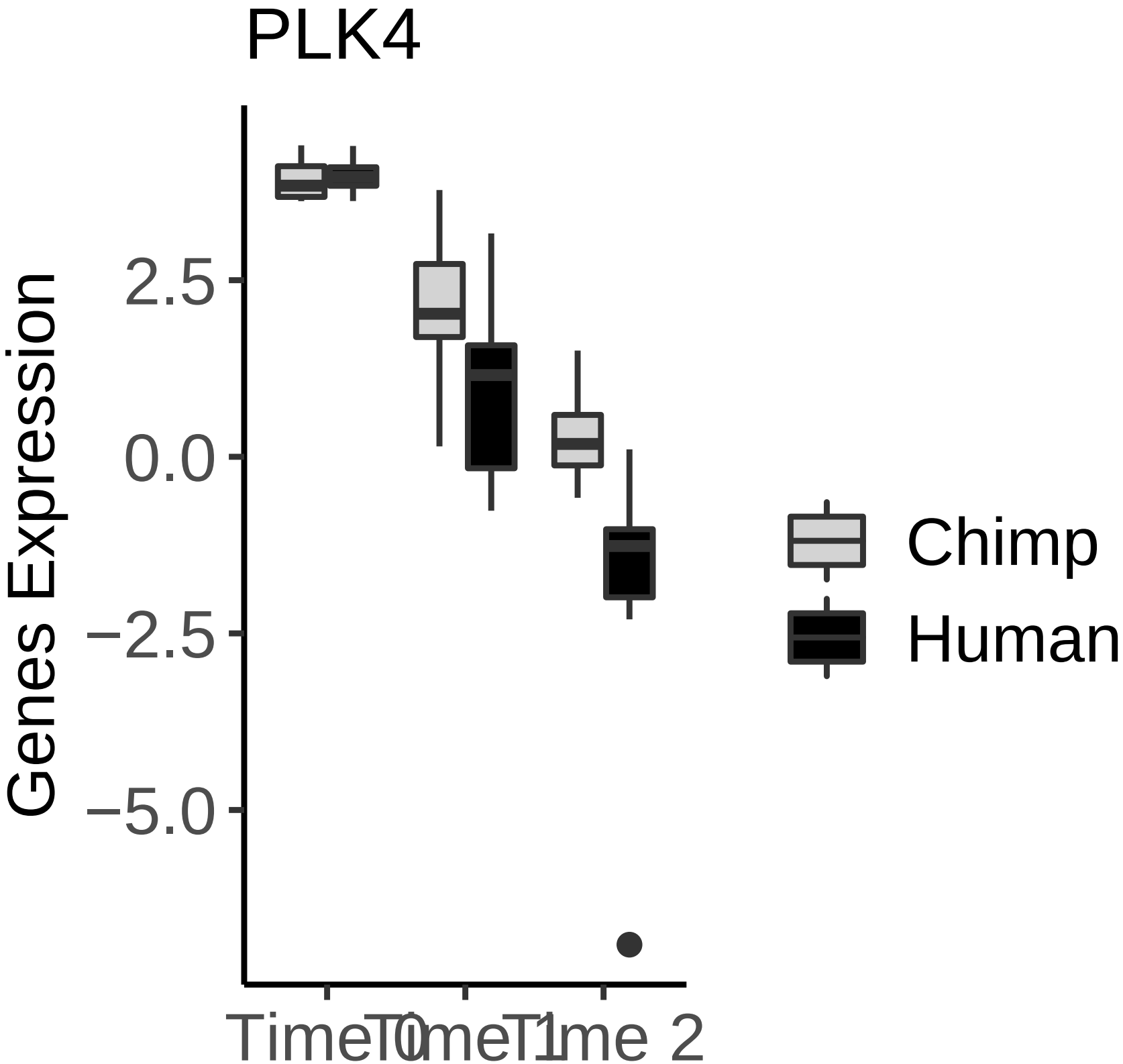
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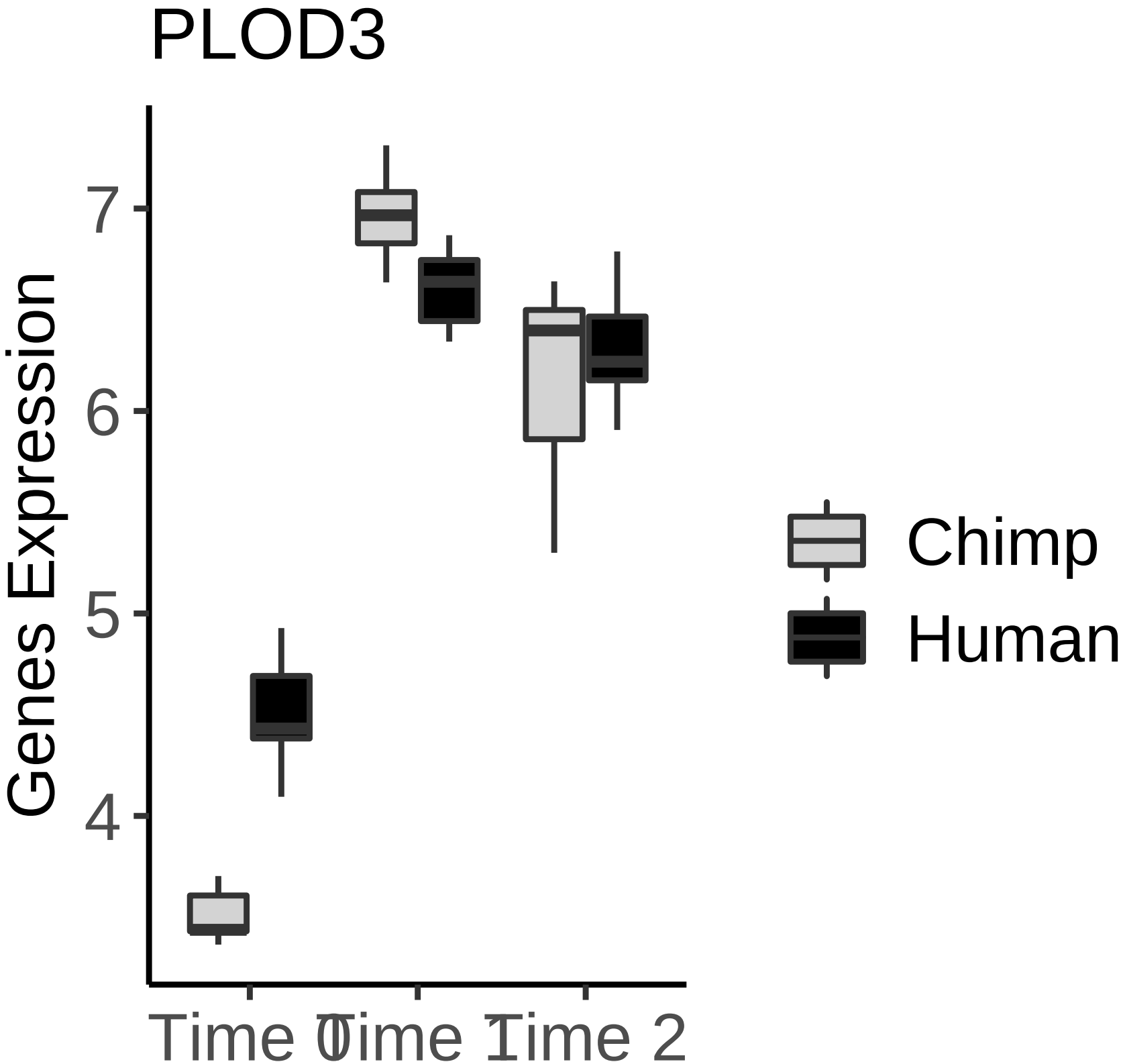
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Chimp
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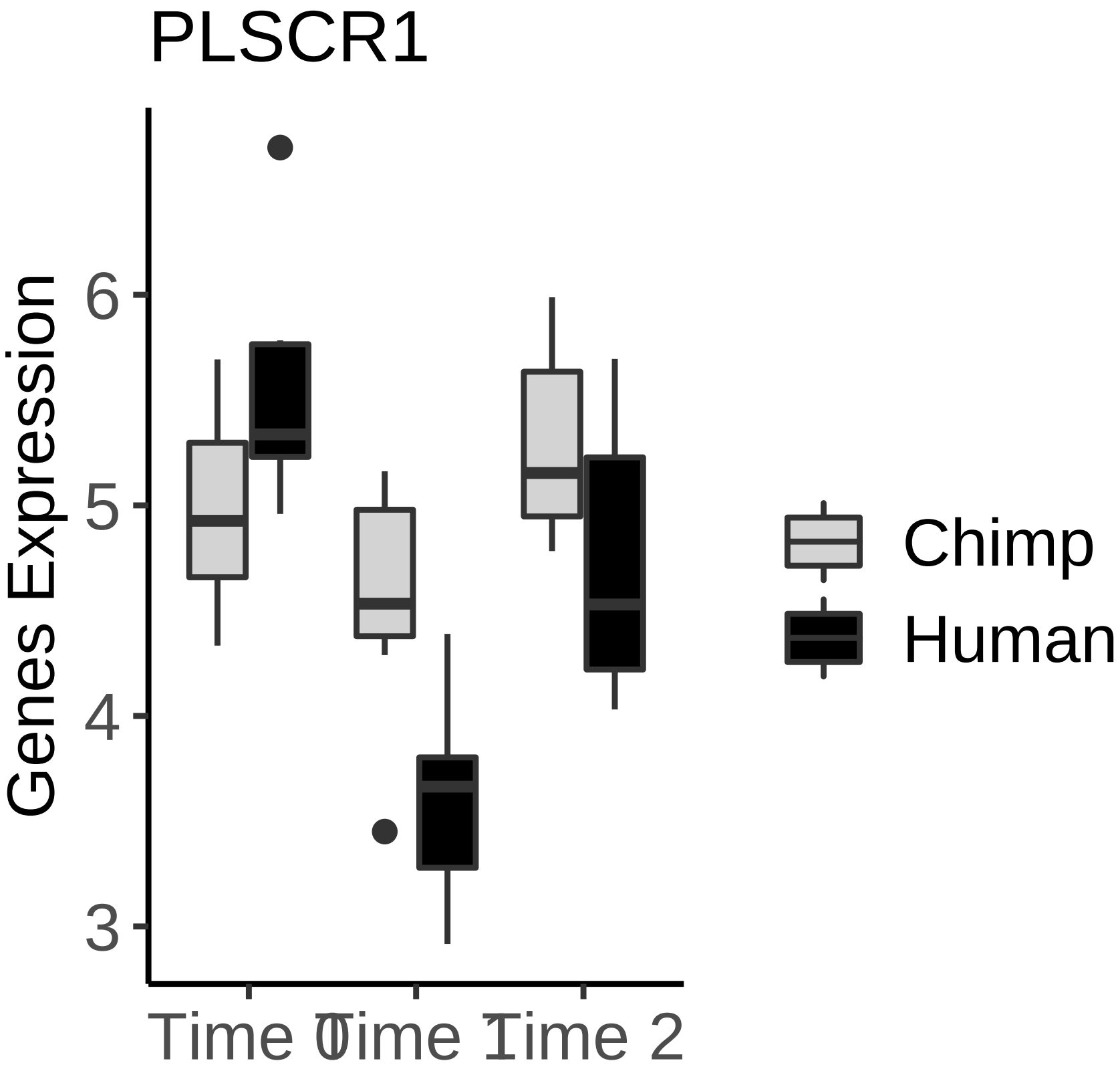
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Time 2
Chimp
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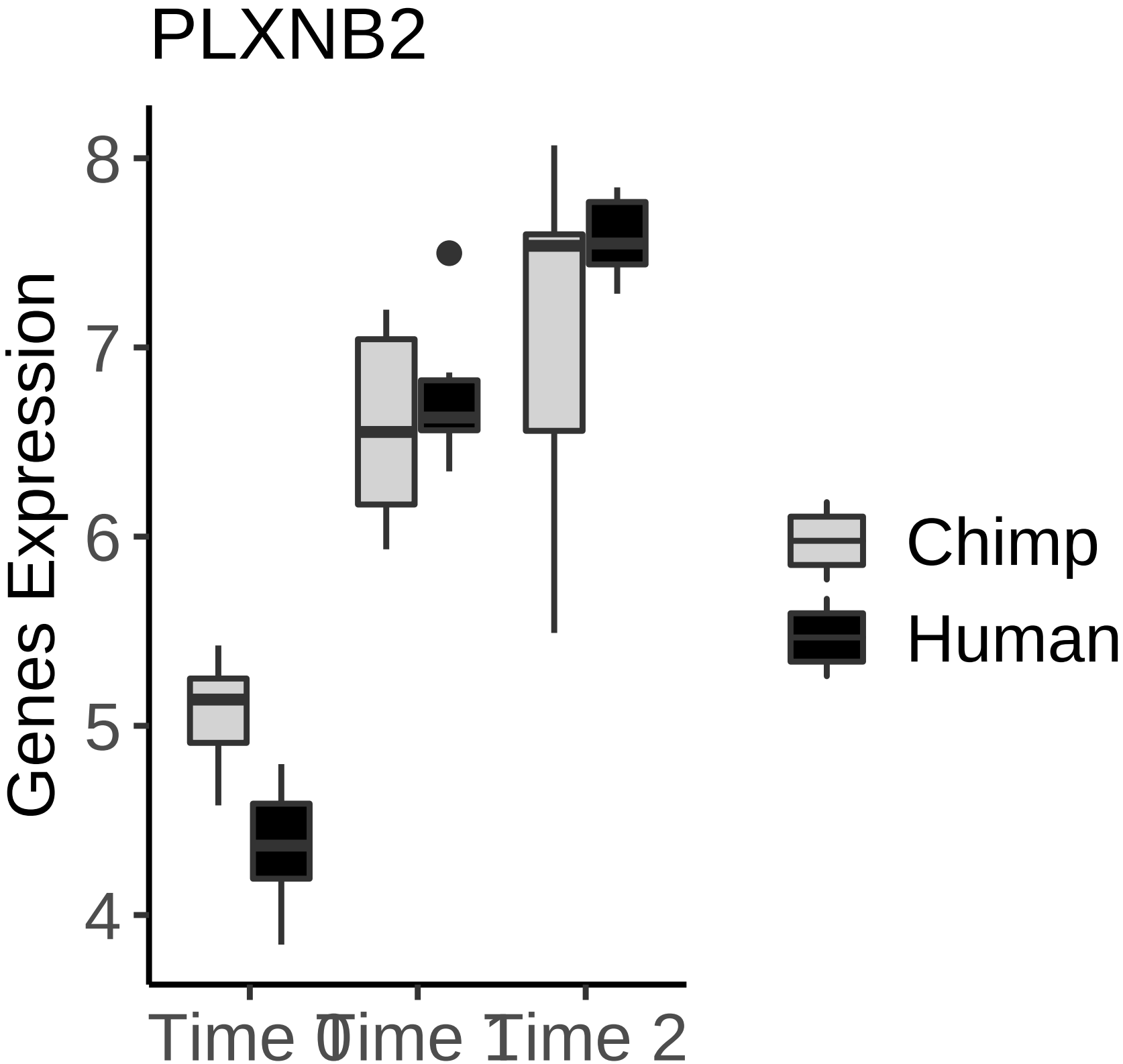
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8
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Time 2
Chimp
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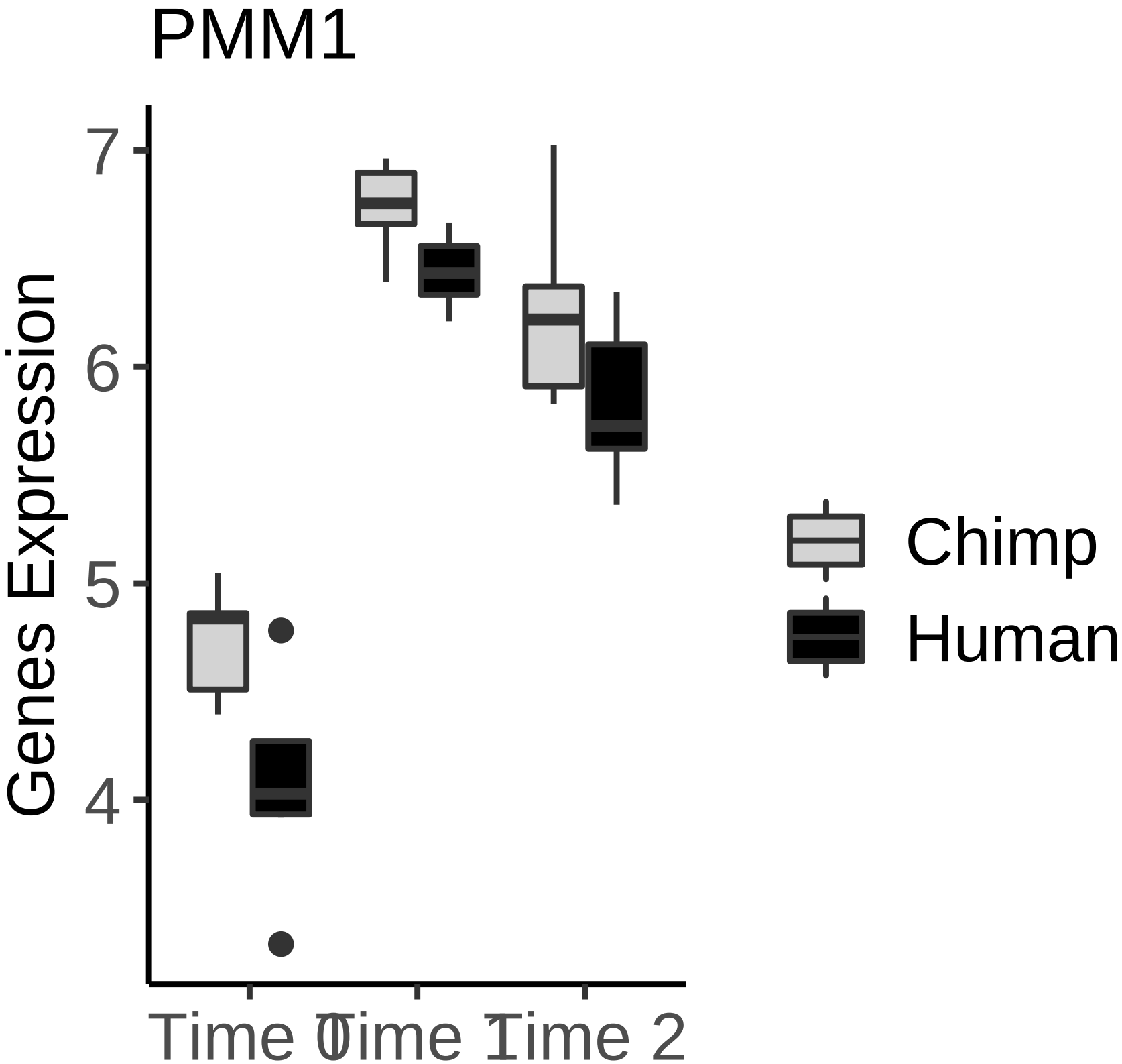
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Time 2
Chimp
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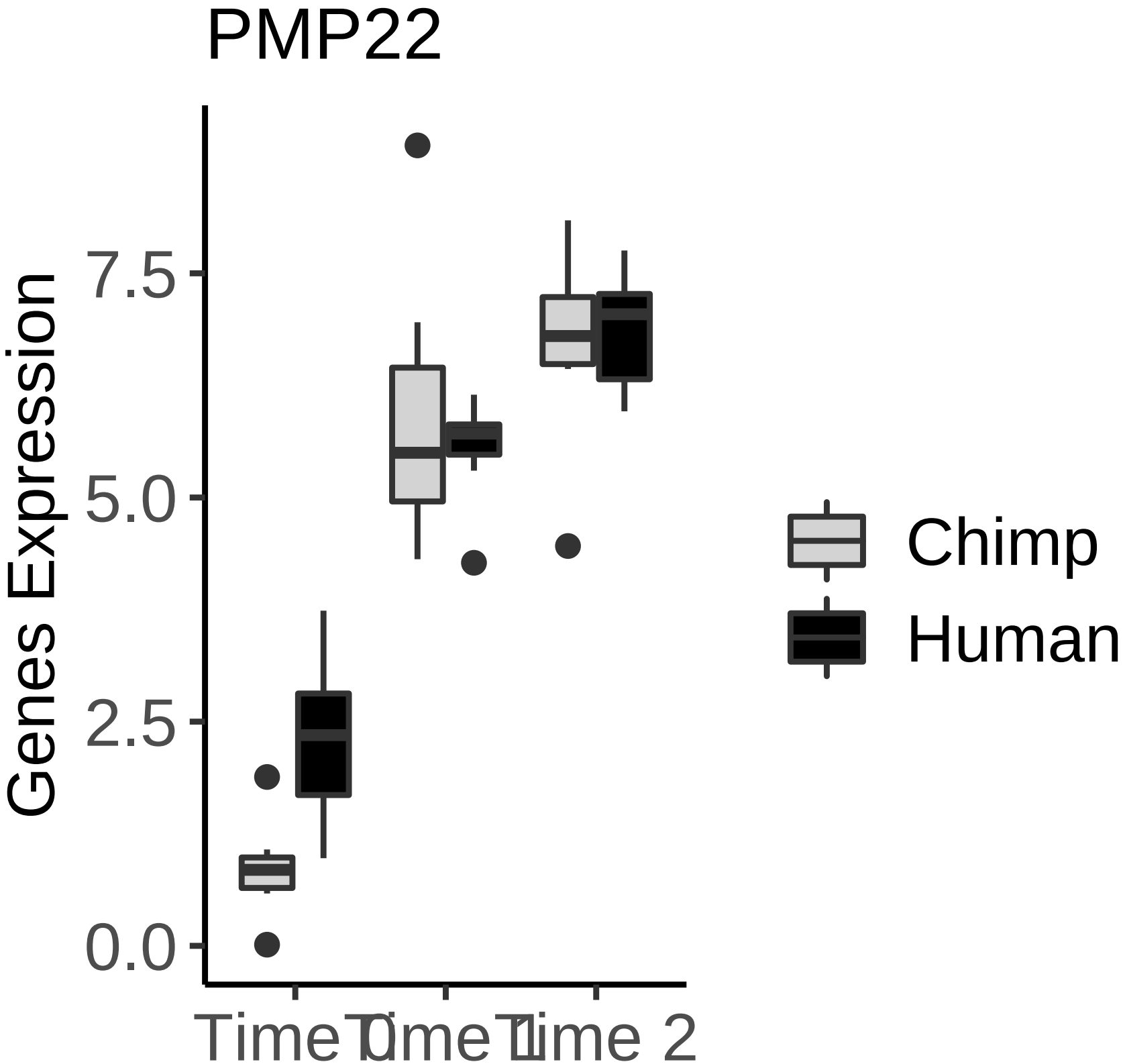
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2.5
0.0
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Time 1
Time 2
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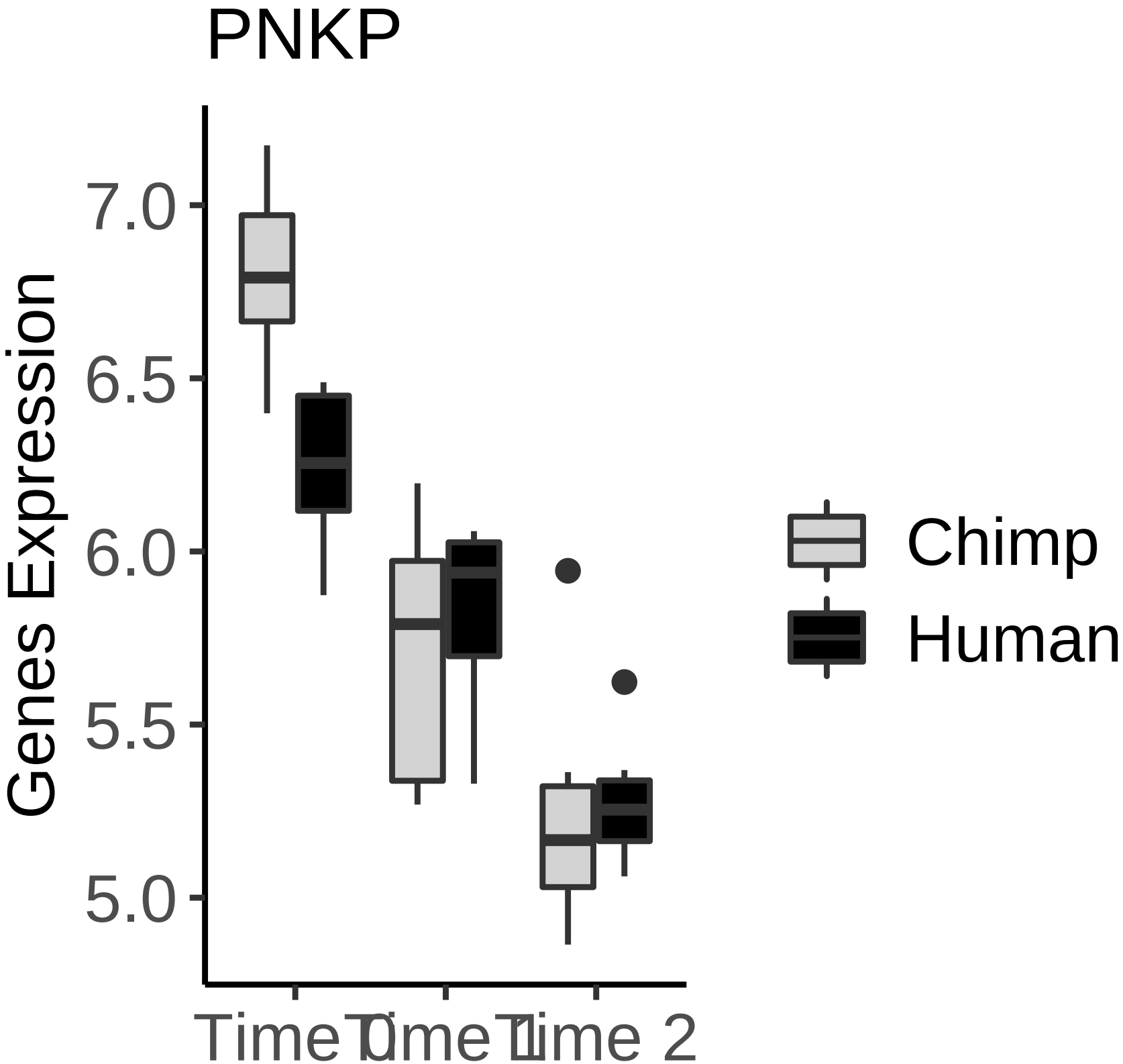
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Genes Expression
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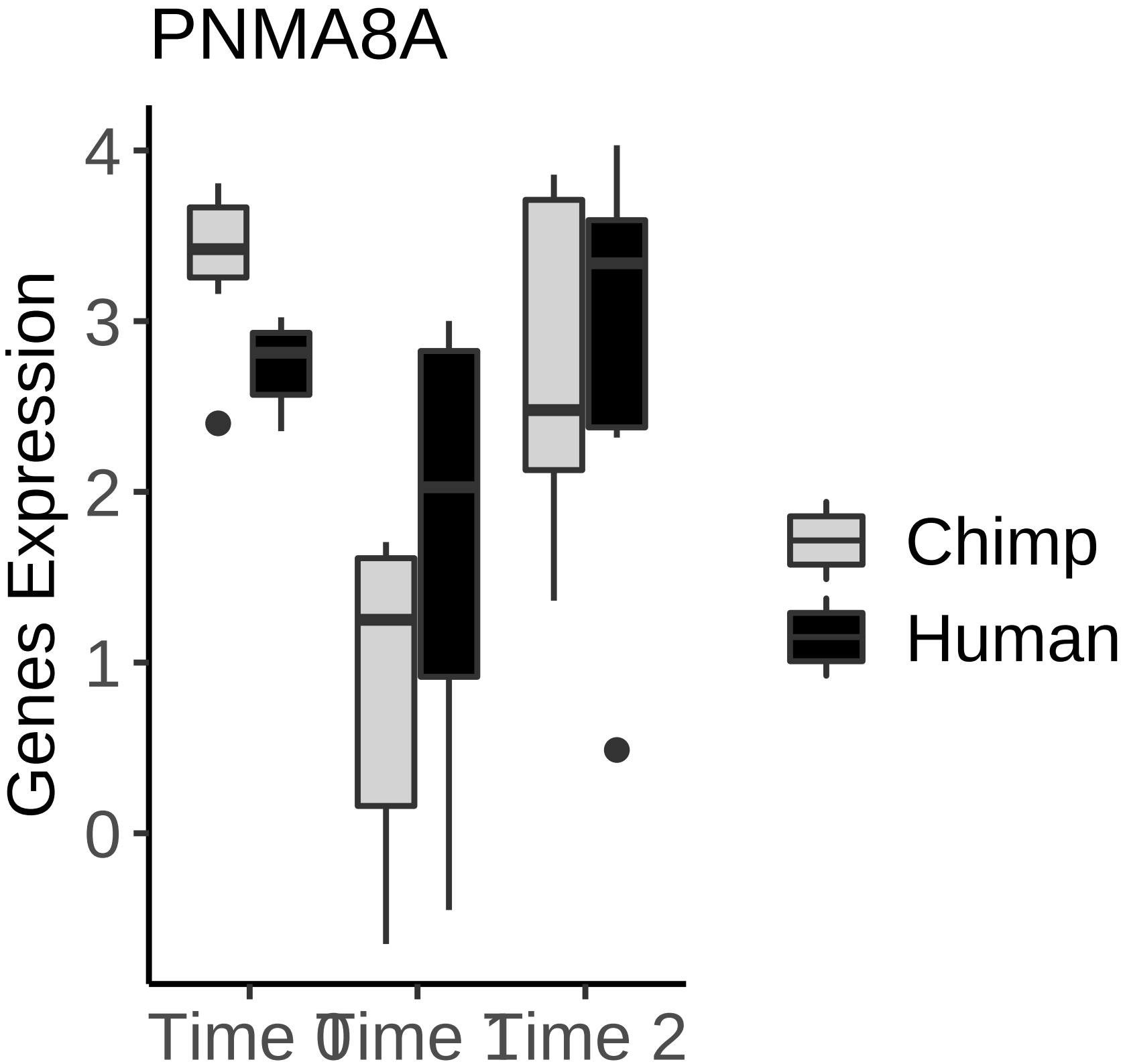
PNMA8A
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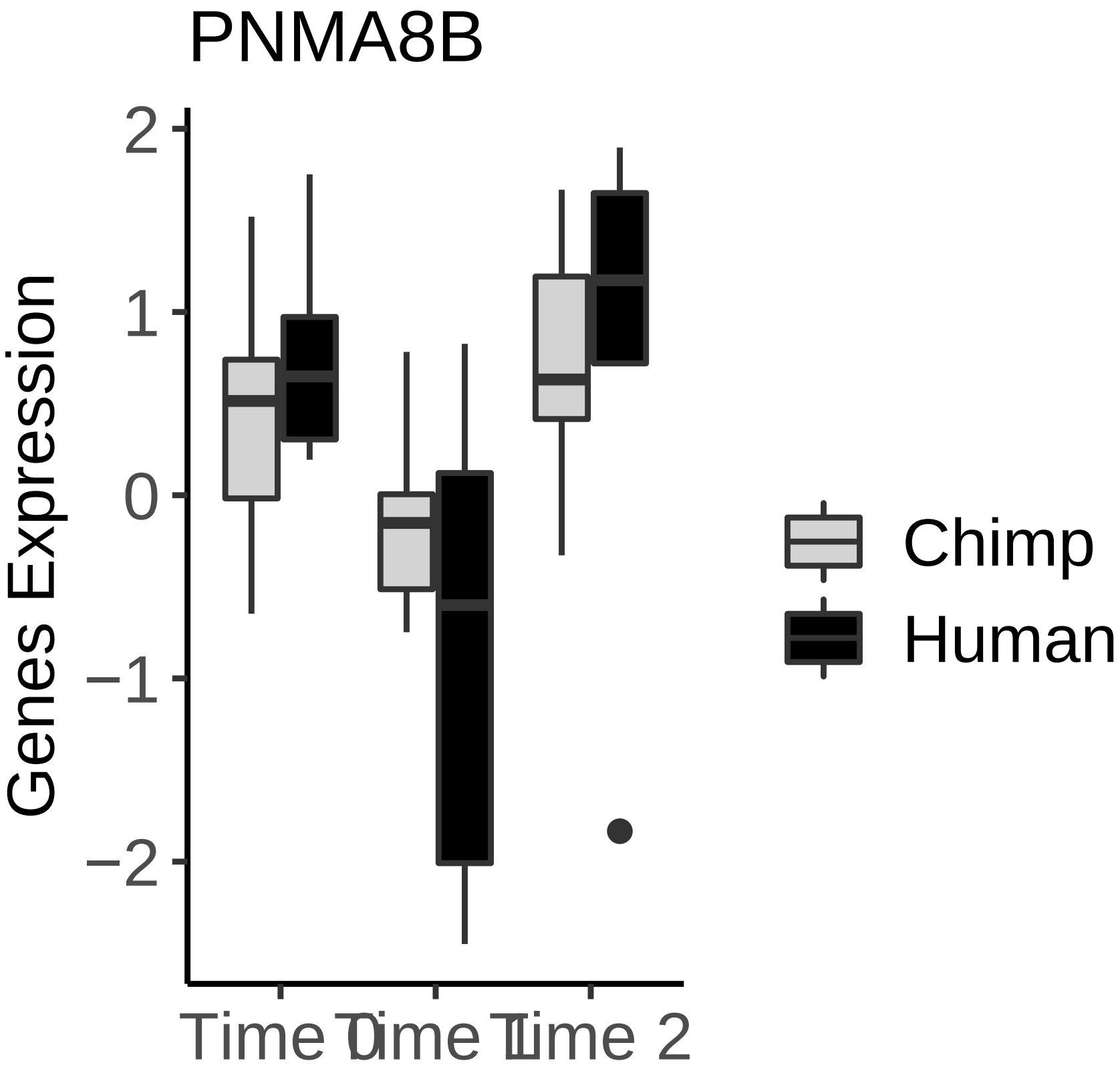
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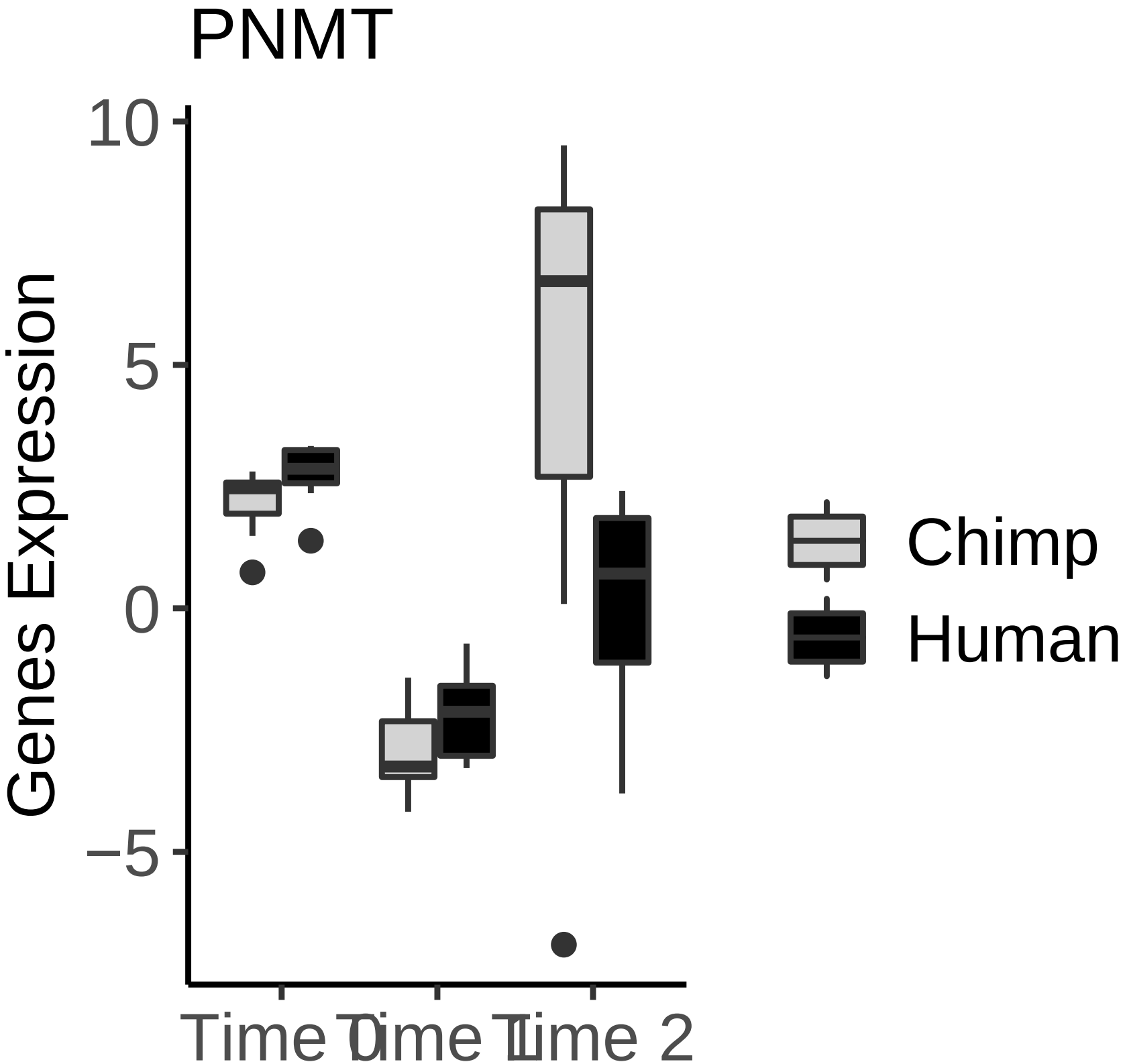
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Genes Expression
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Time 2
Chimp
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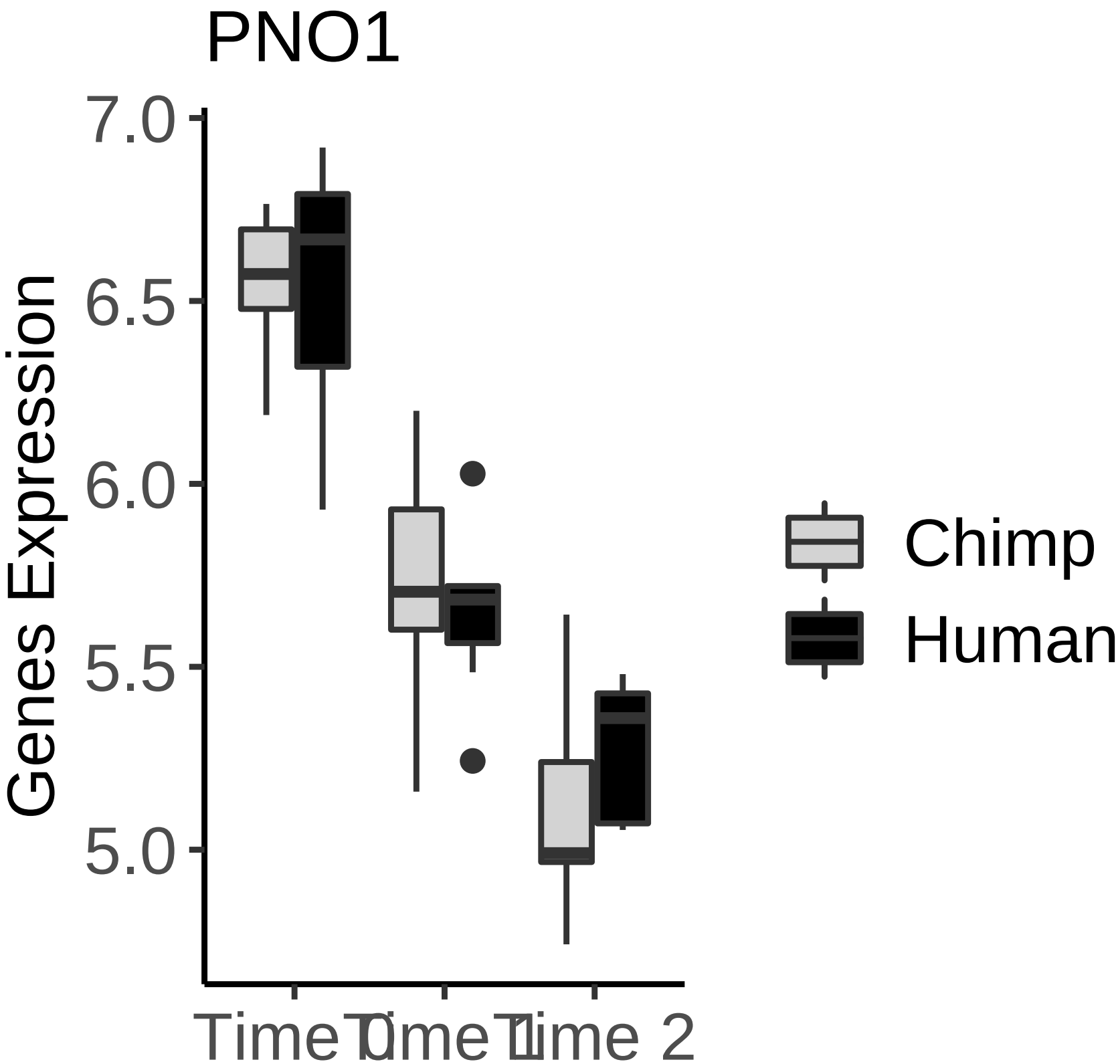
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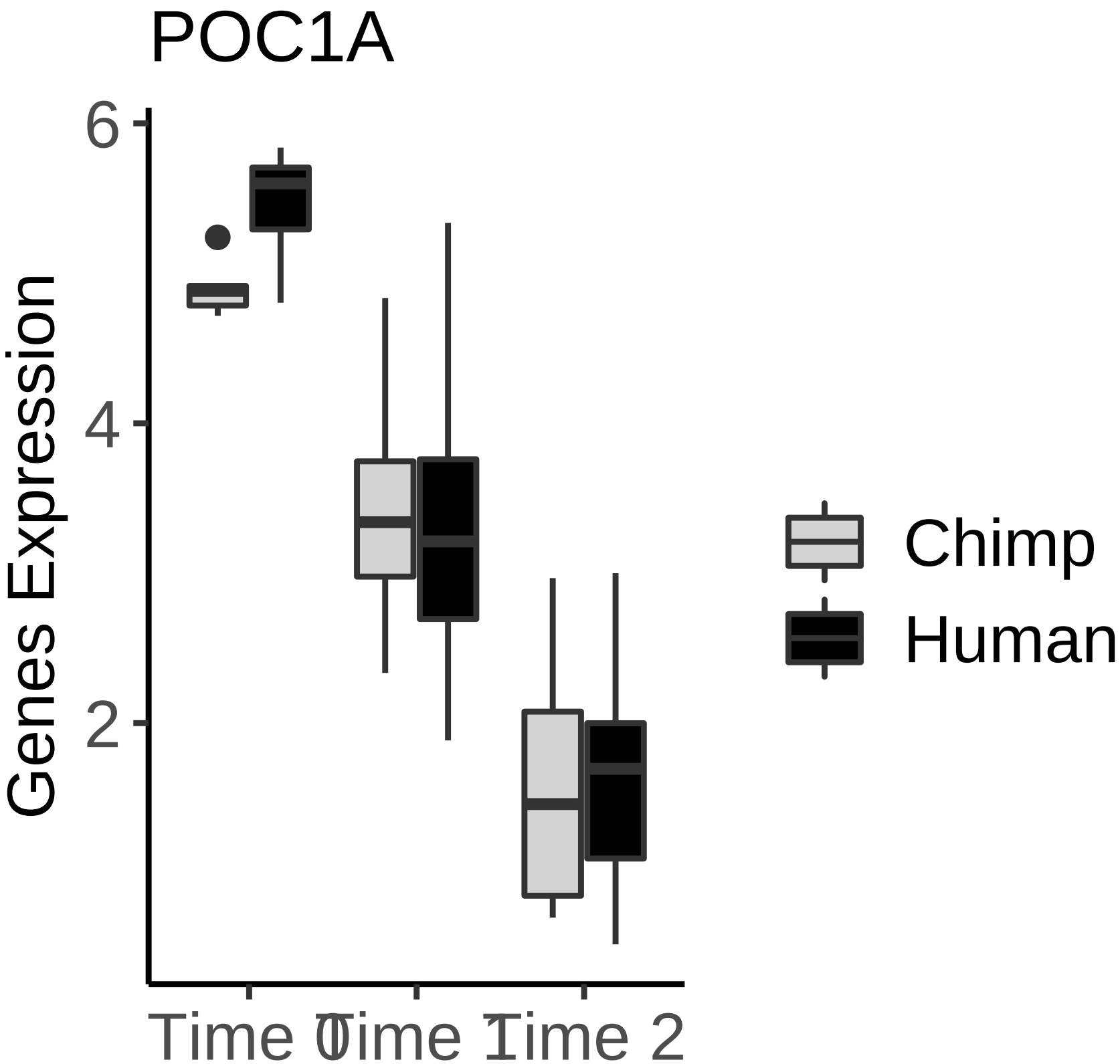
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Time 2
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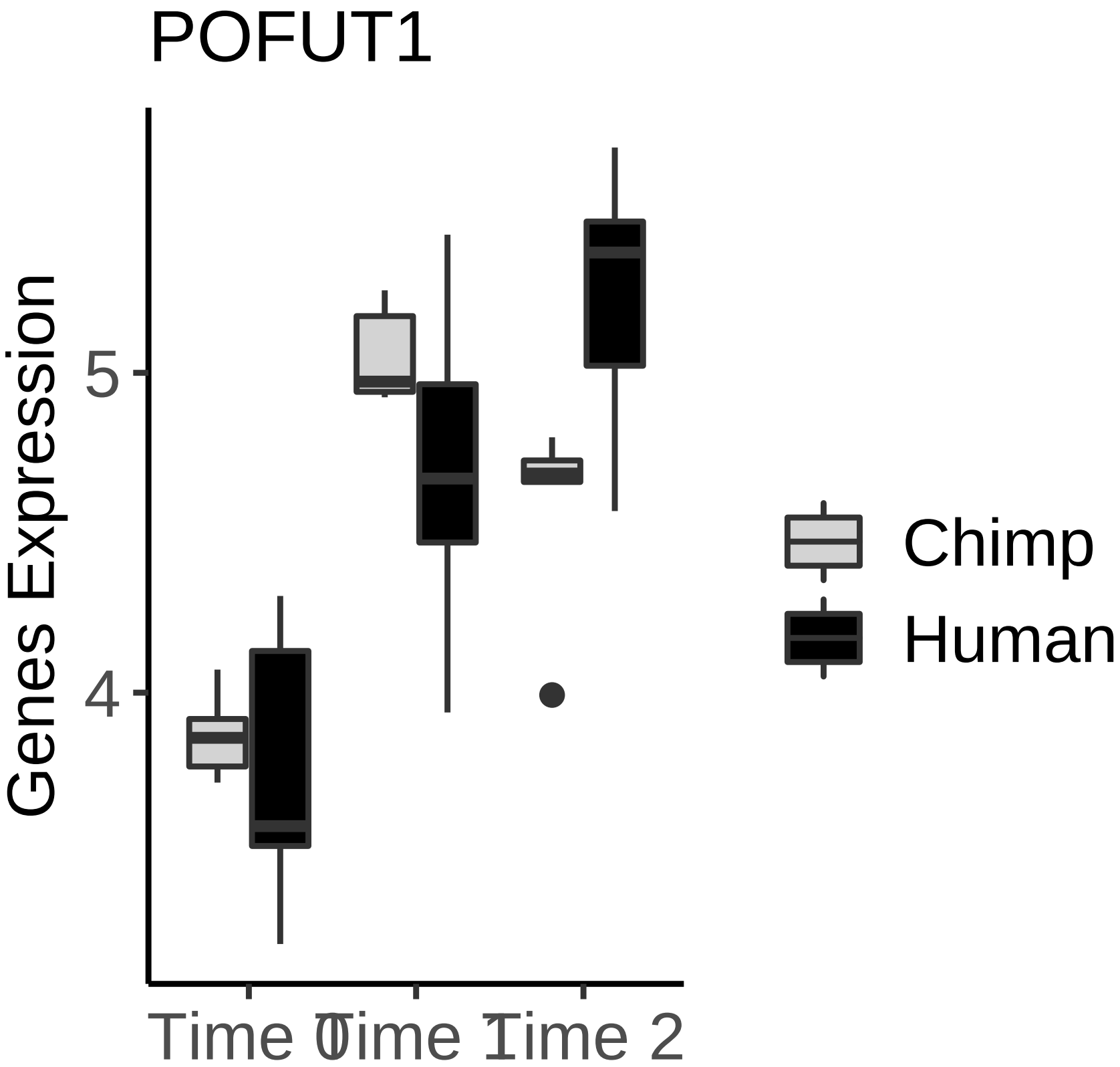
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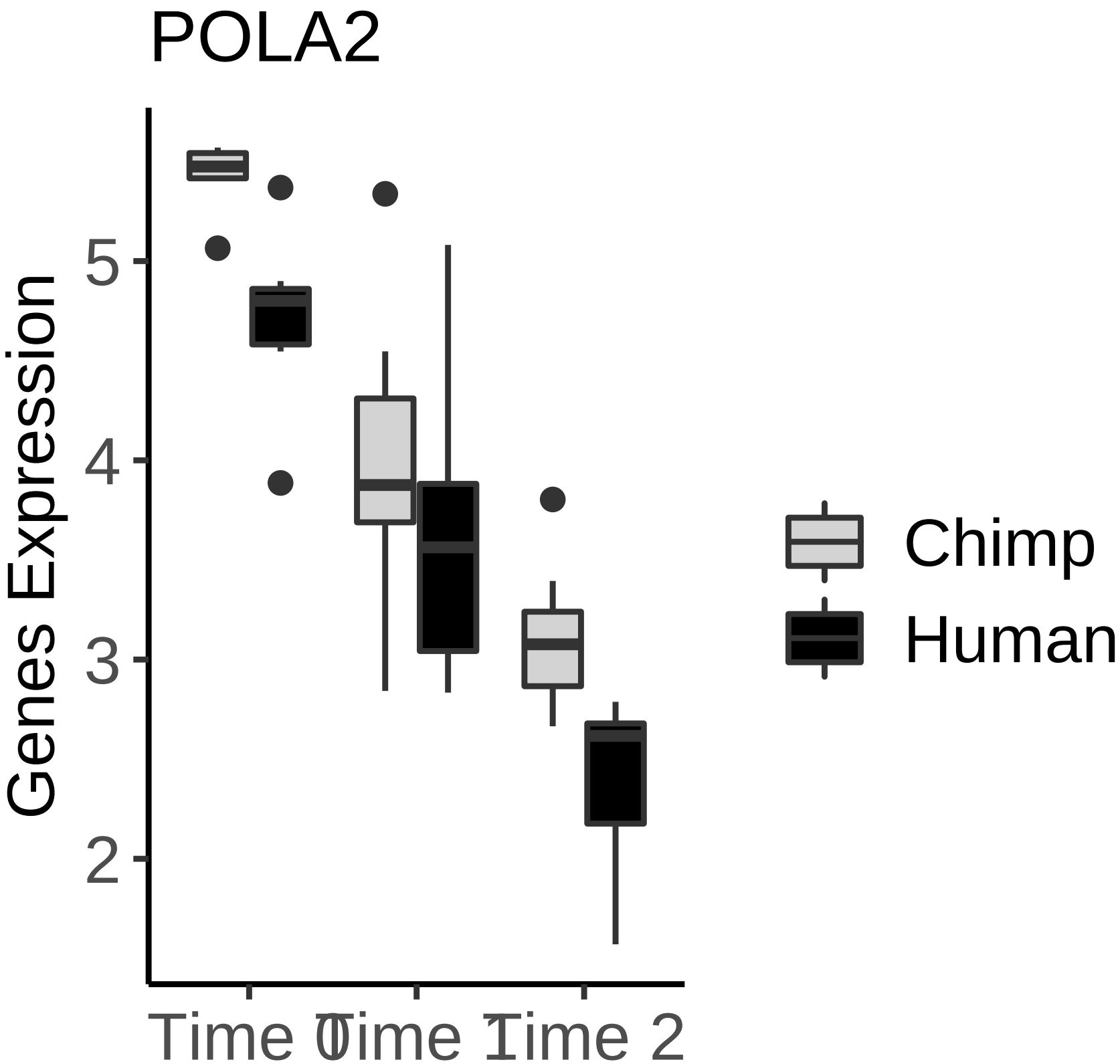
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3
2
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Time 1
Time 2
Chimp
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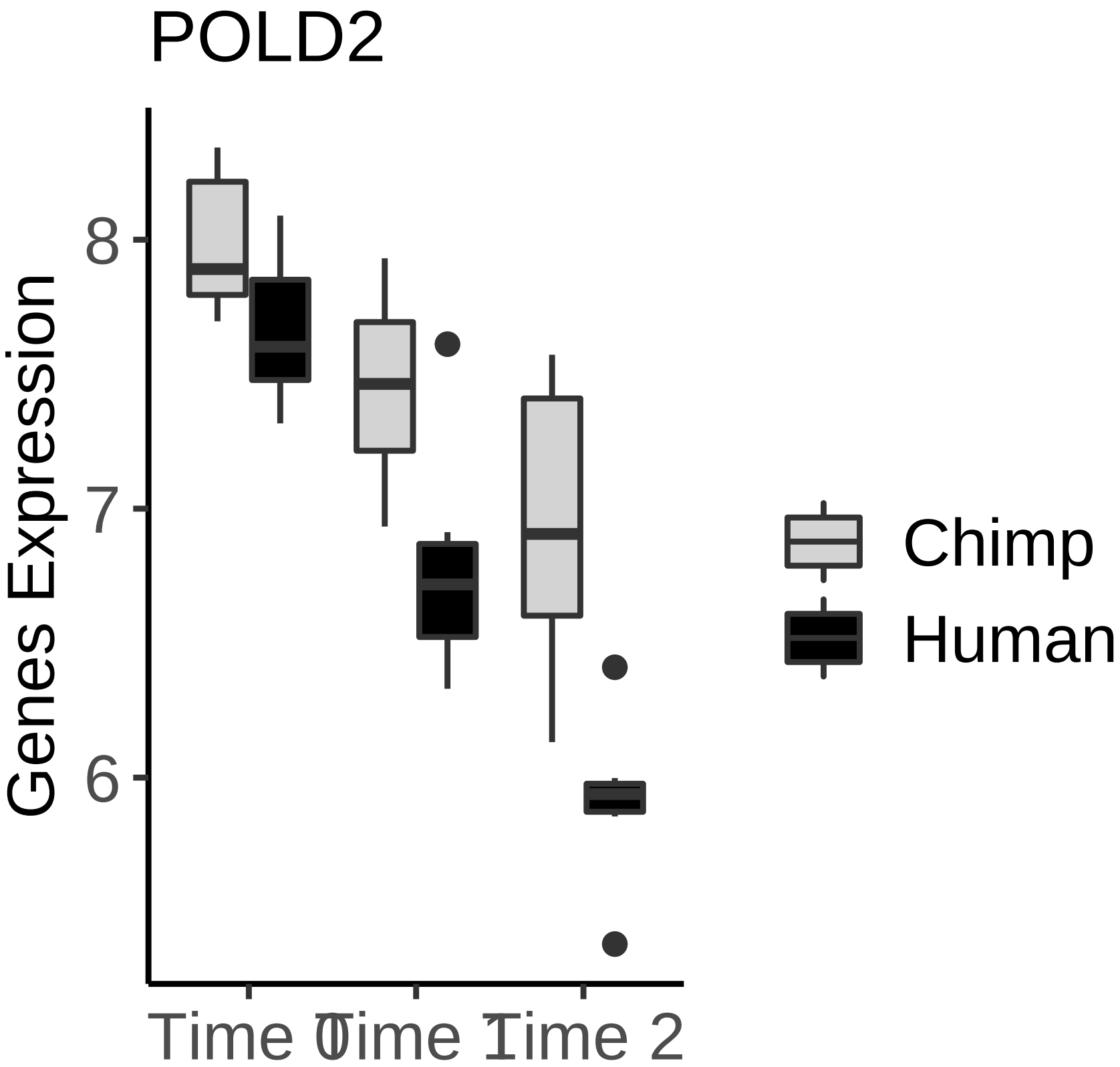
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6
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Time 1
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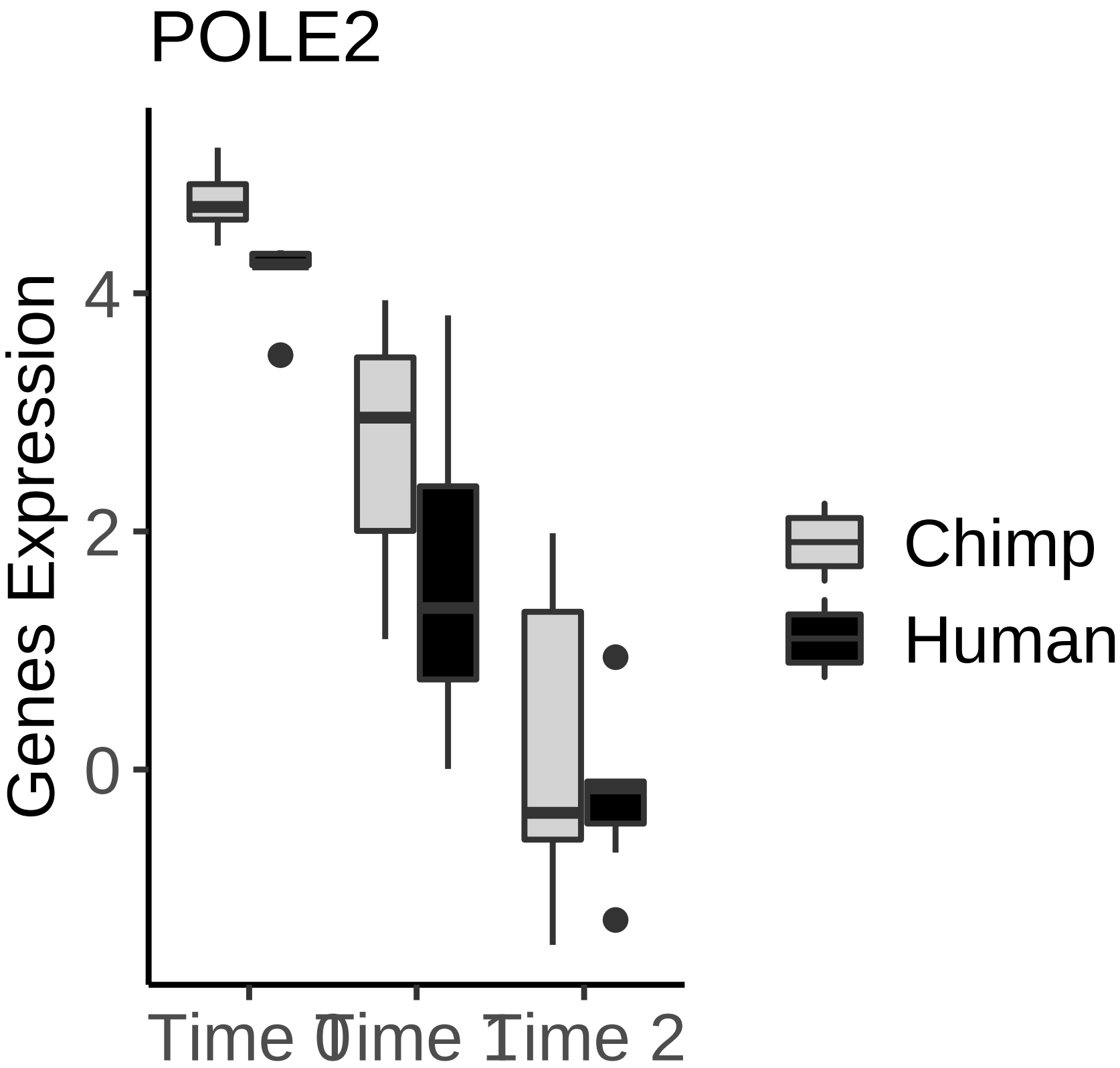
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2
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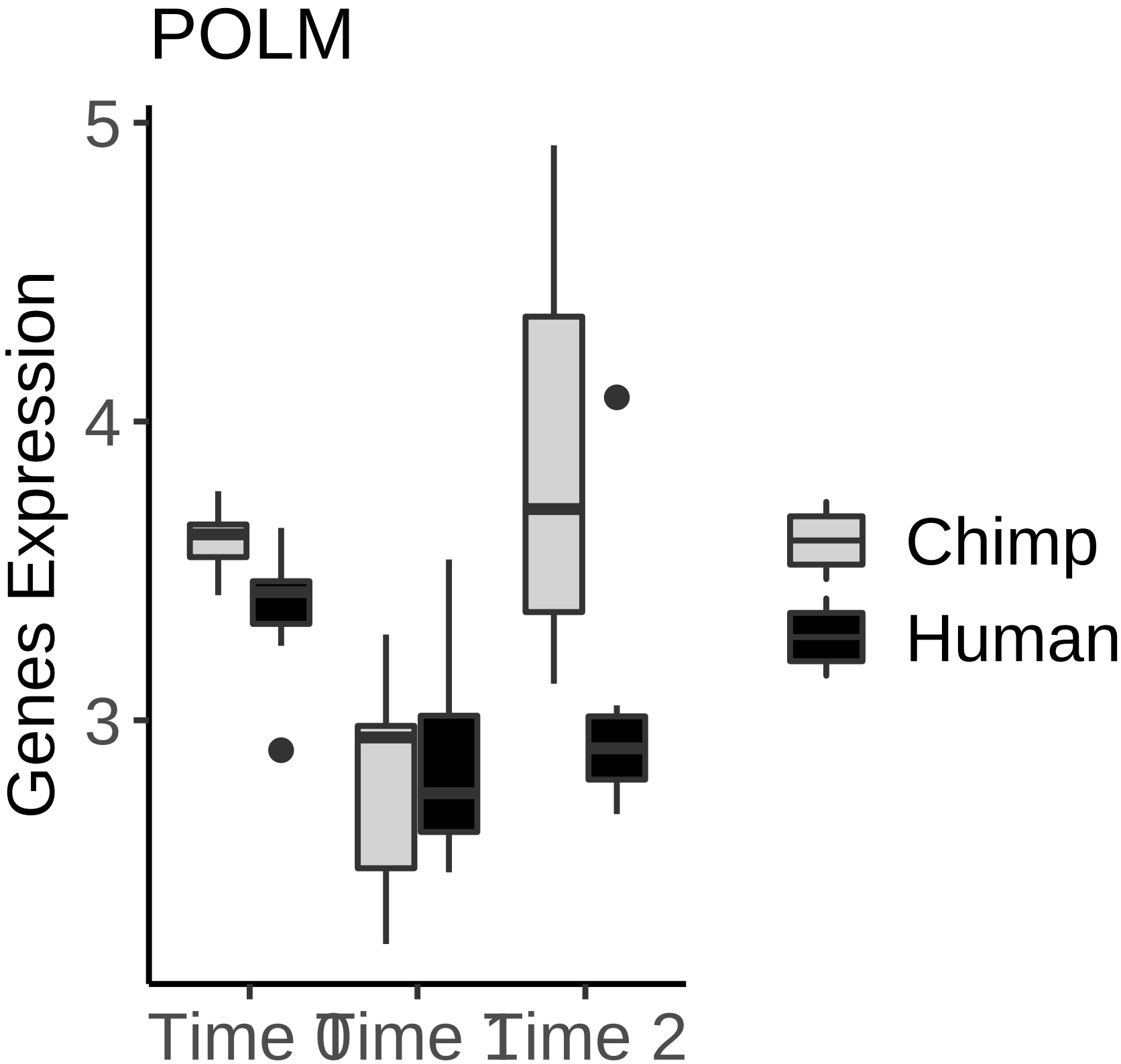
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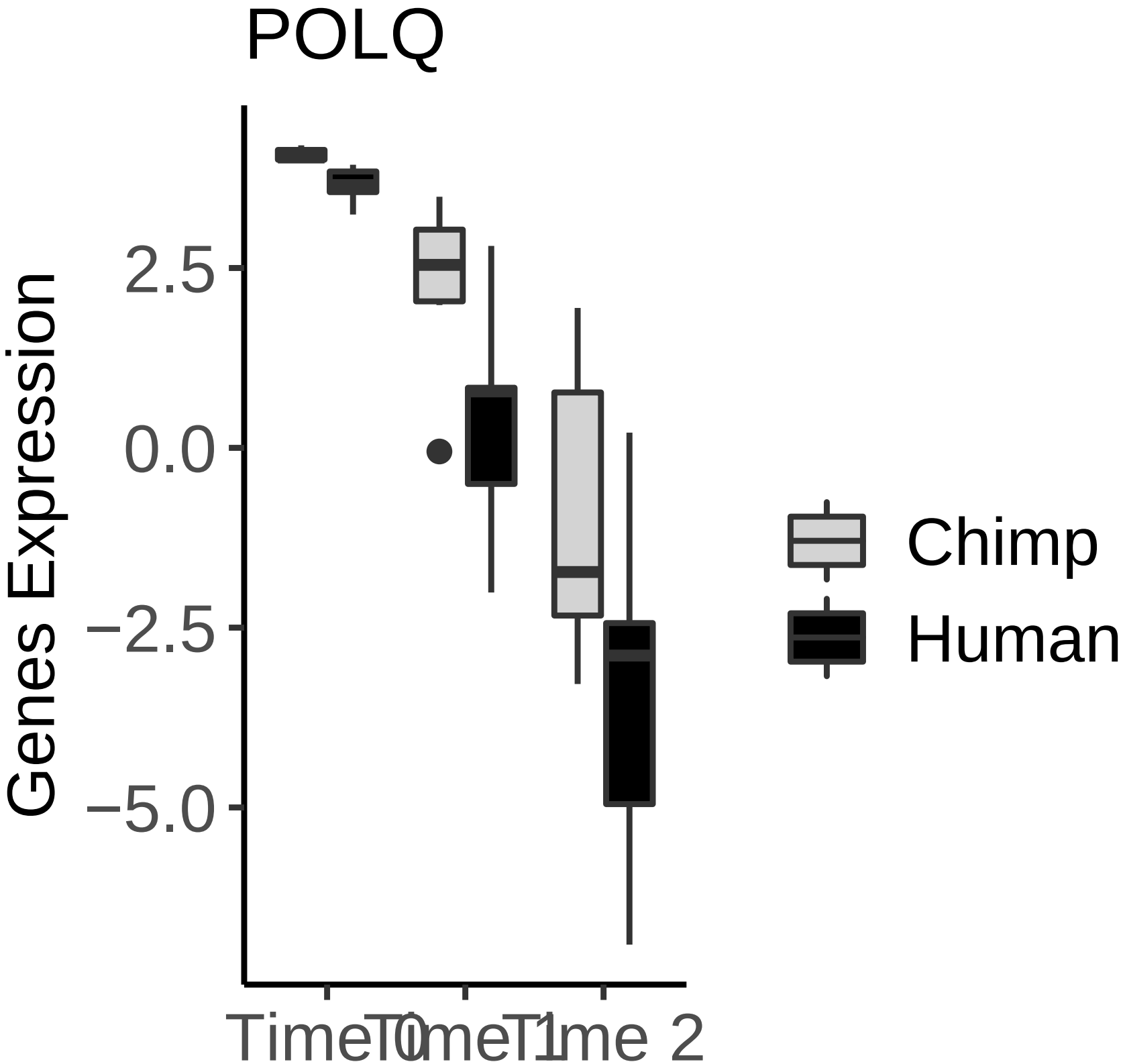
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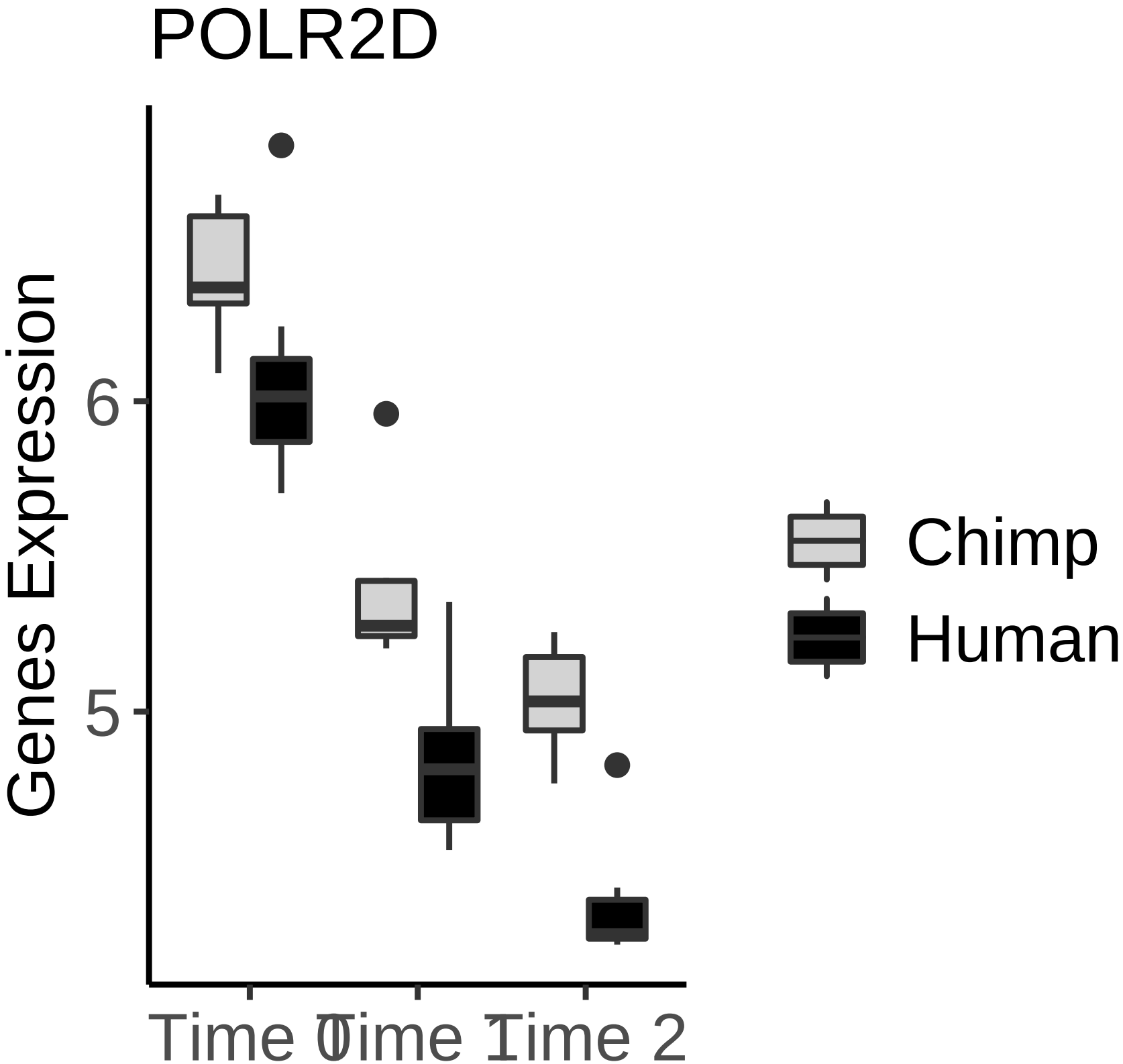
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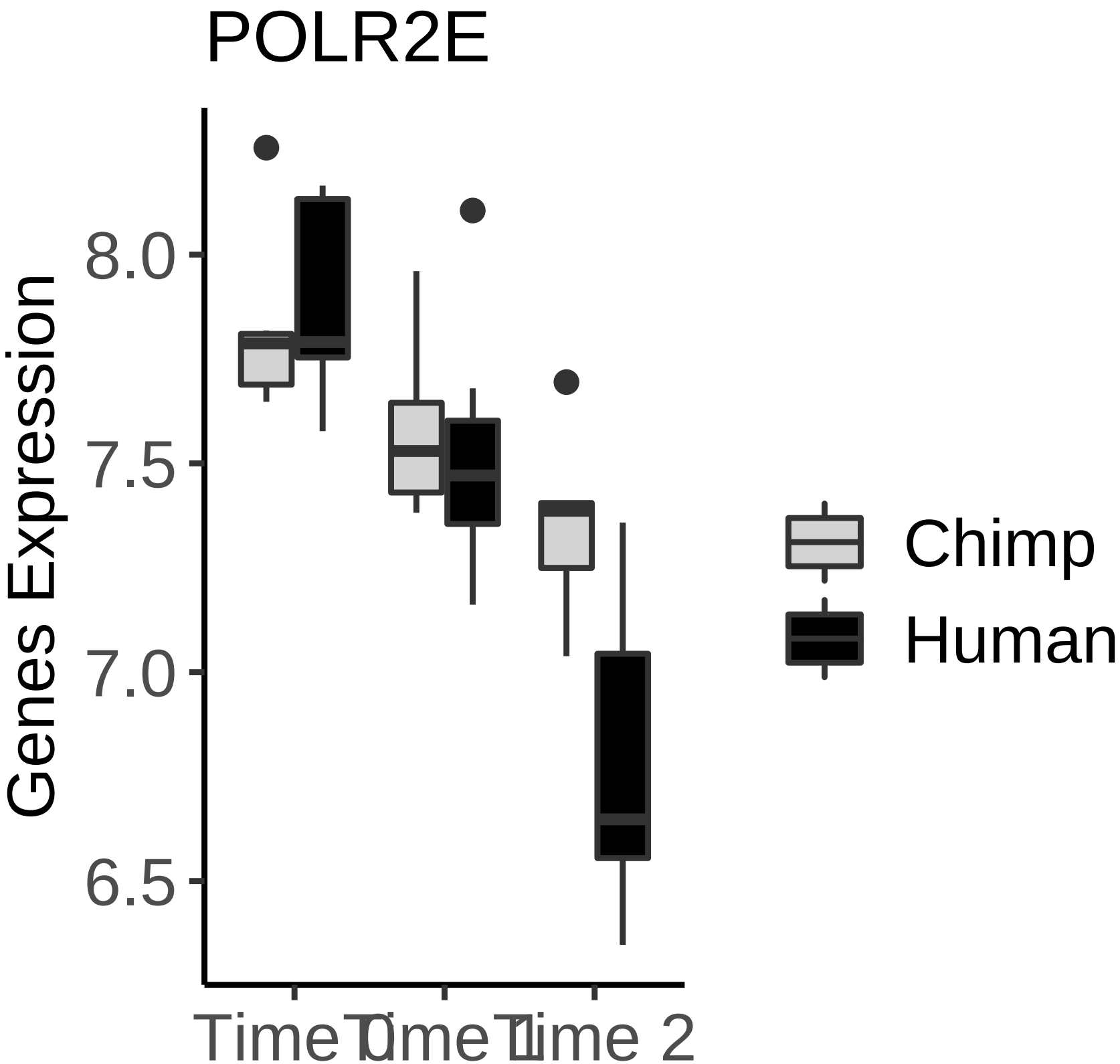
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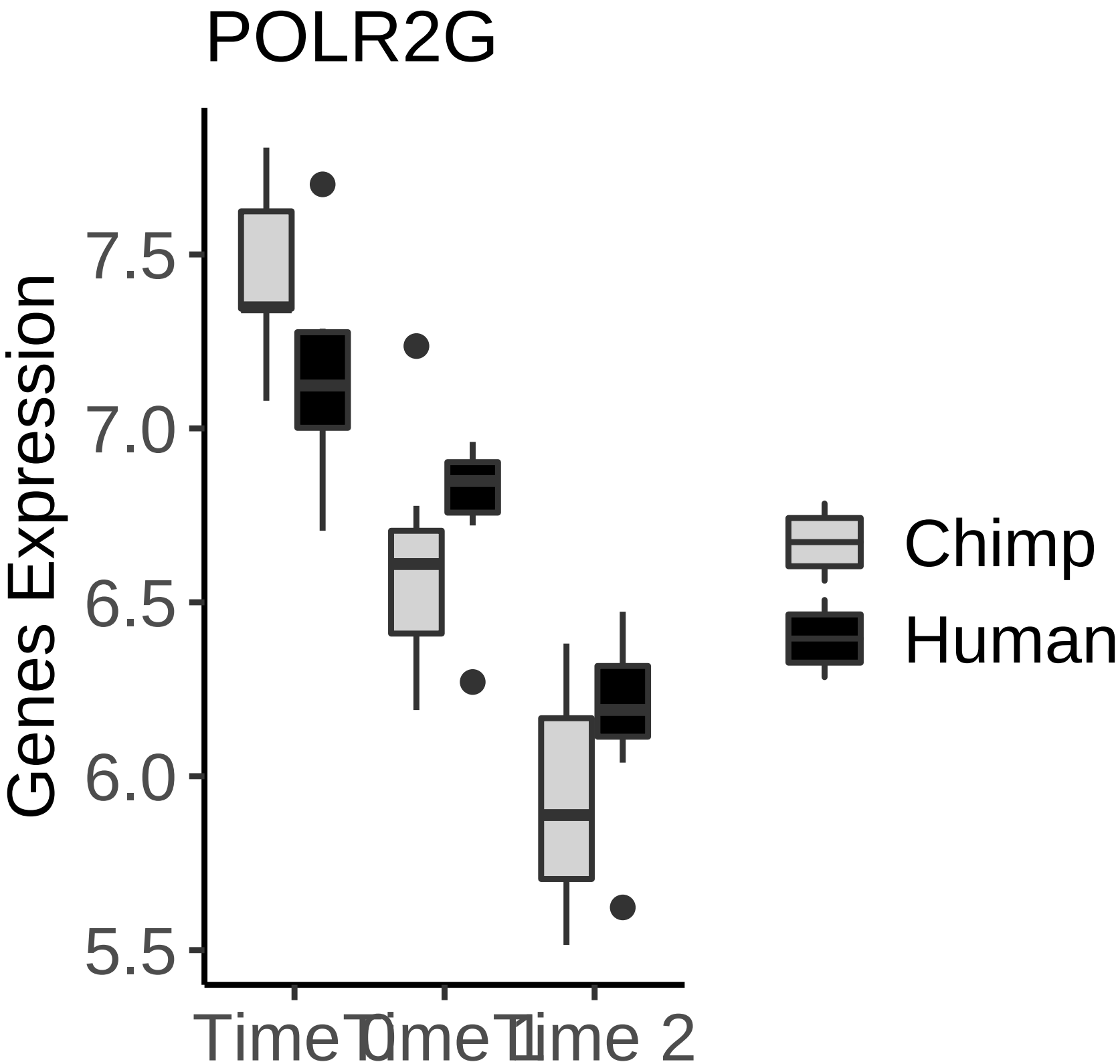
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Time 2
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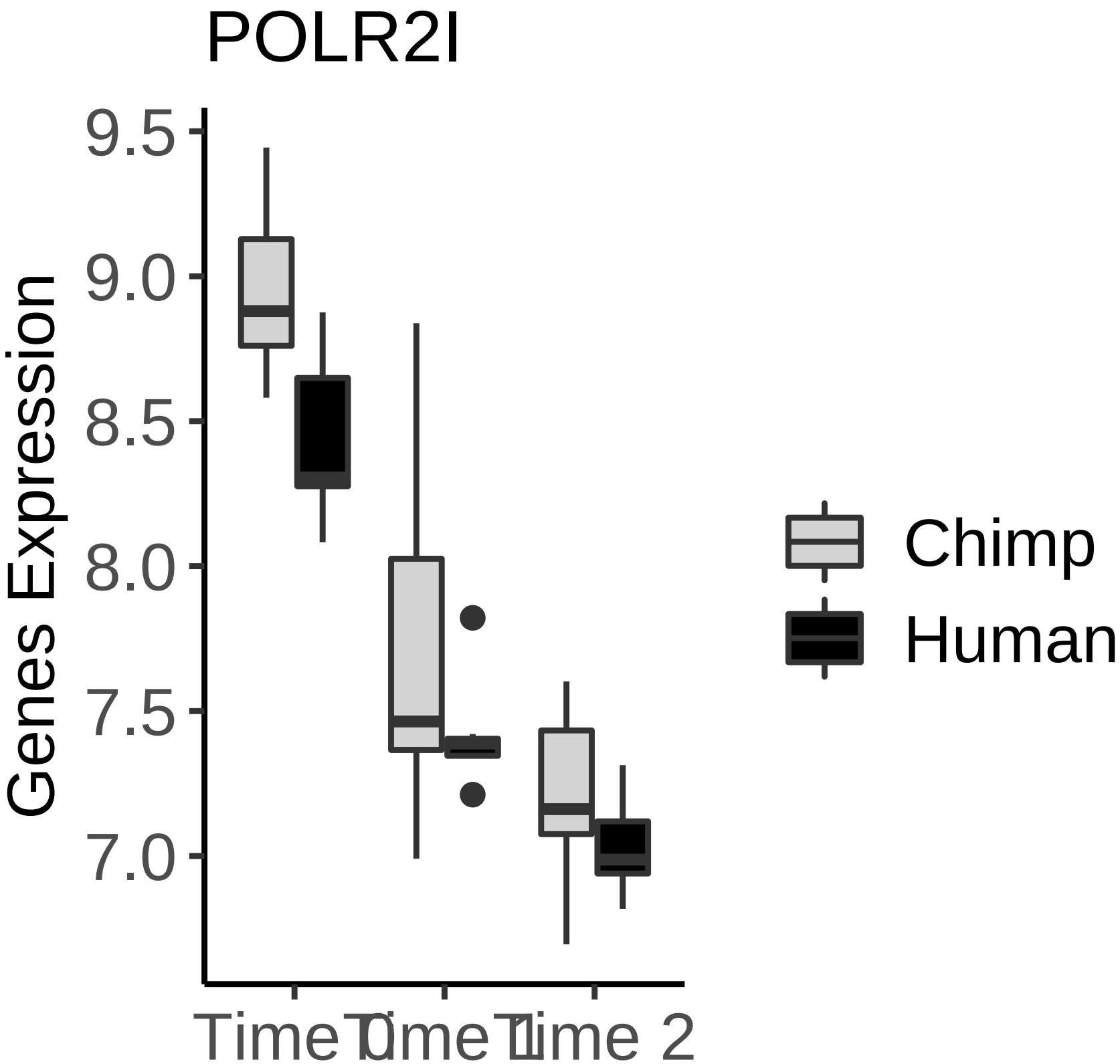
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7.0
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Time 2
Chimp
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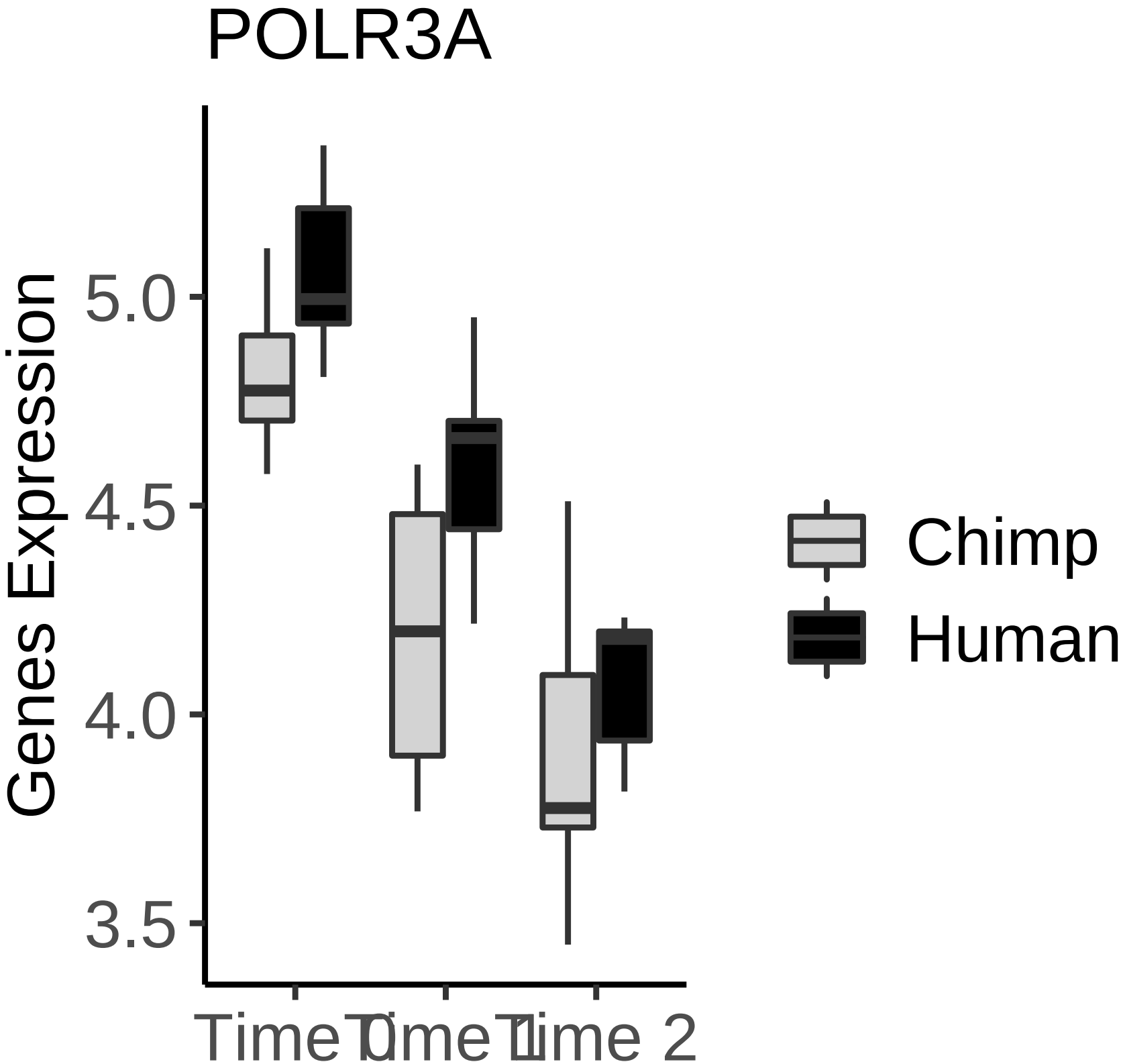
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Time 1
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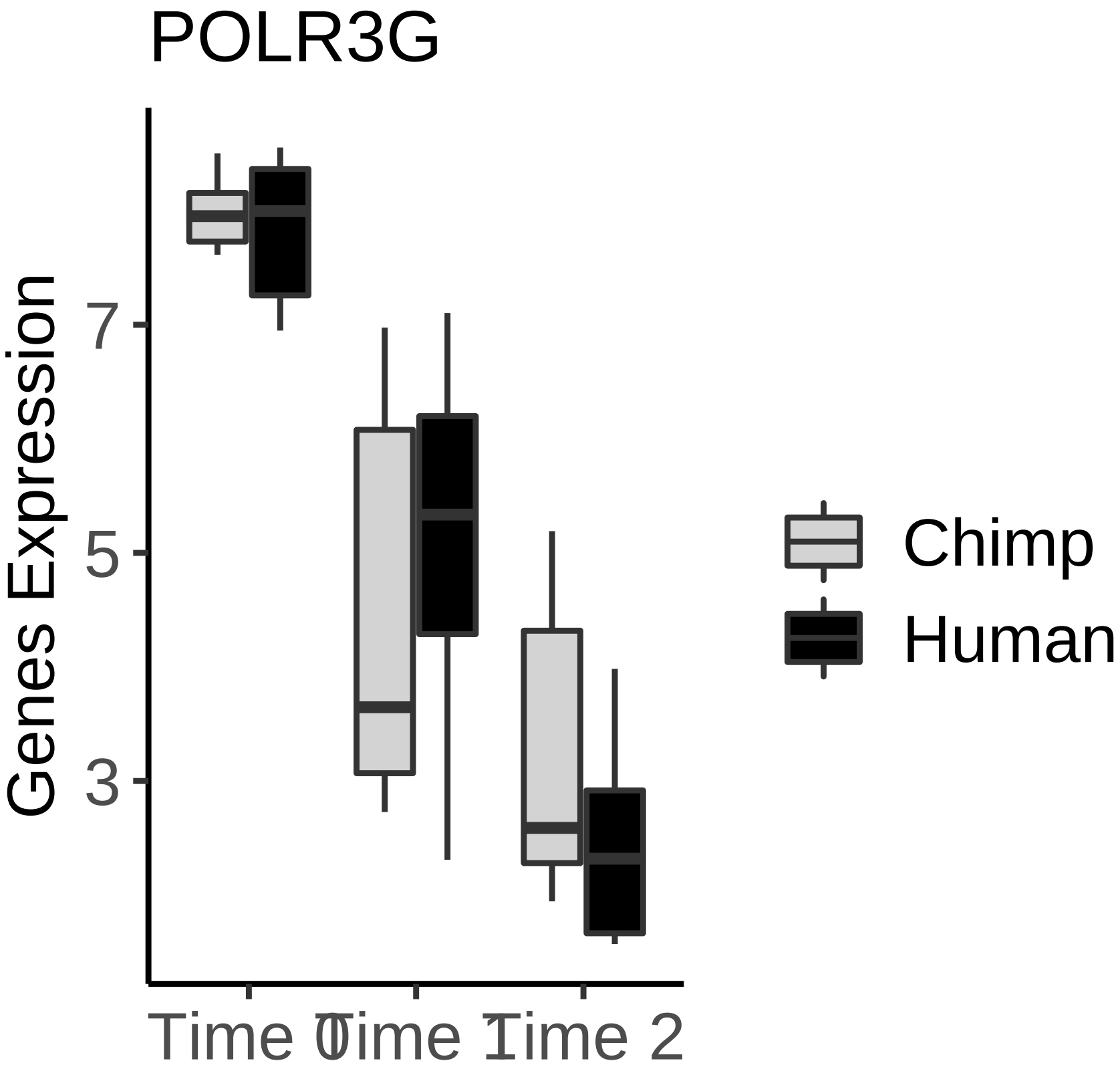
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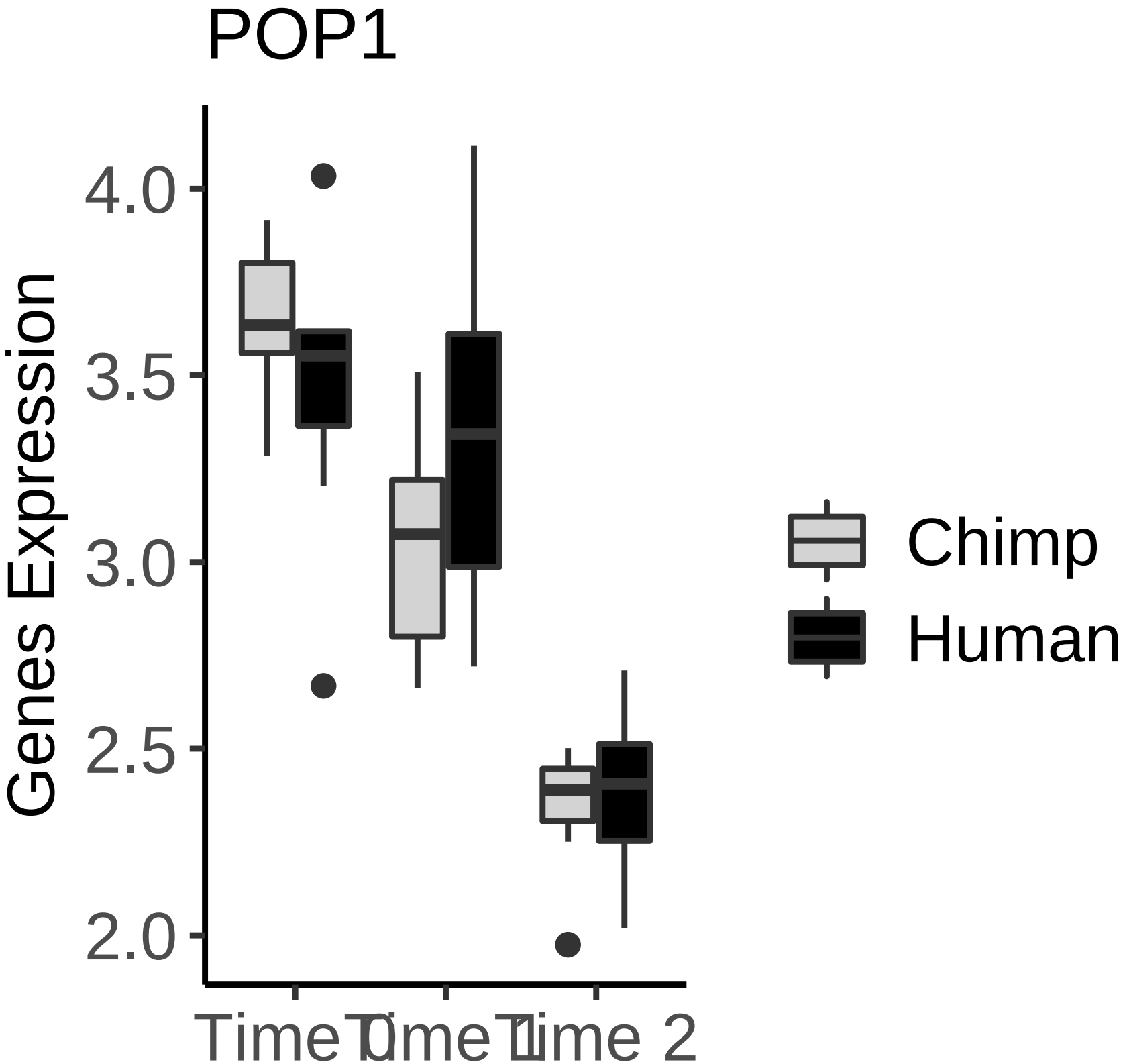
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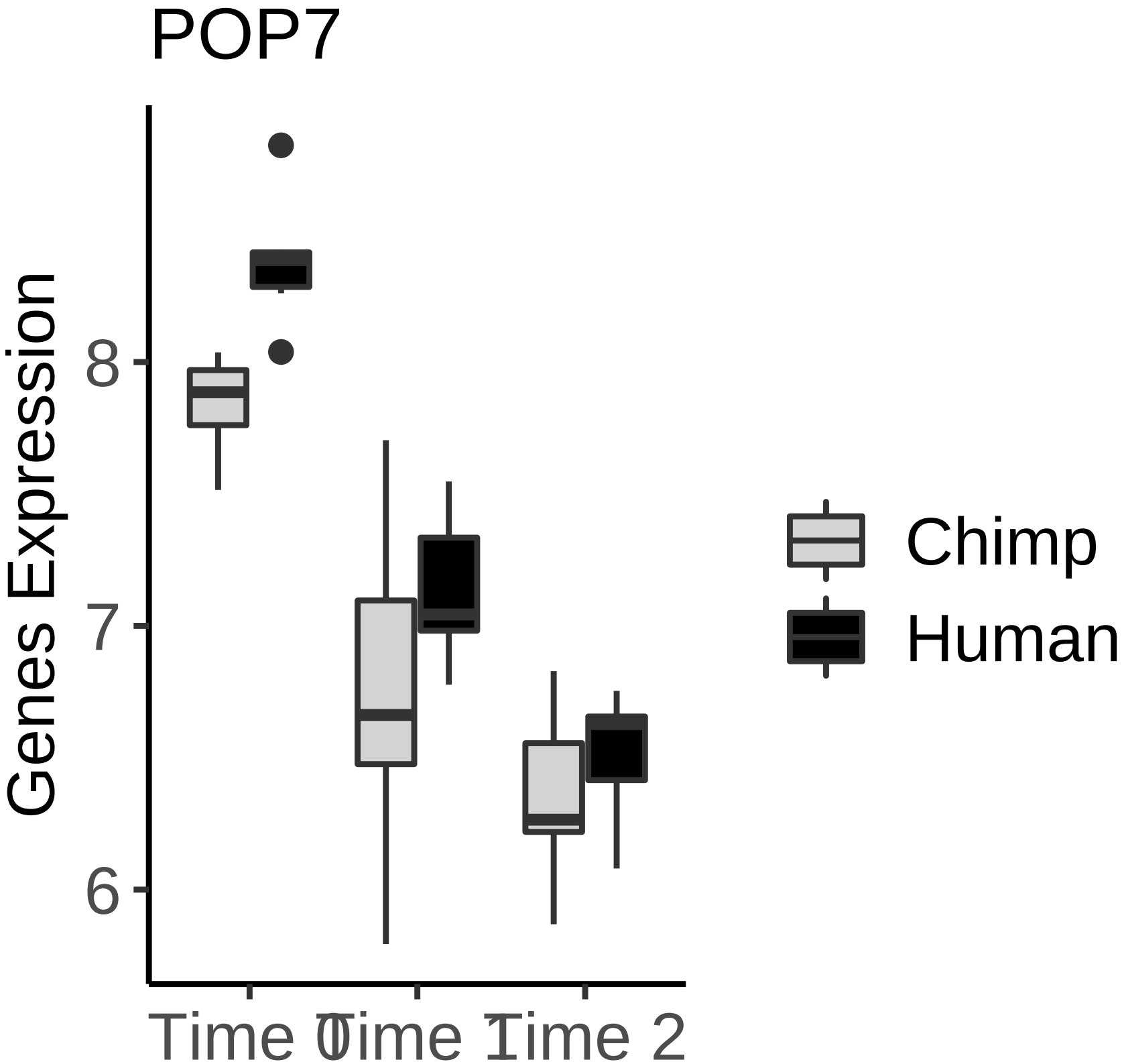
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7
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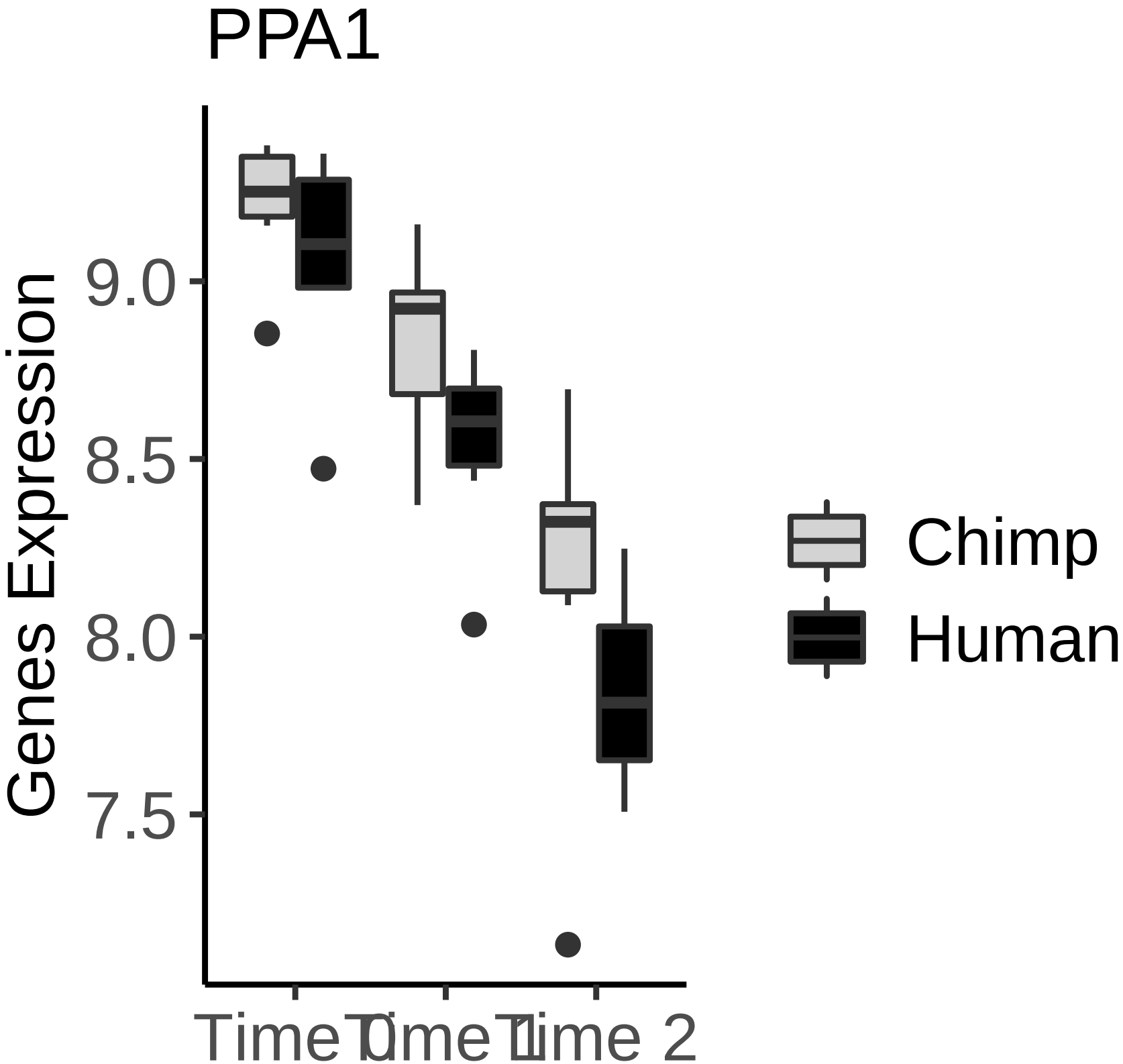
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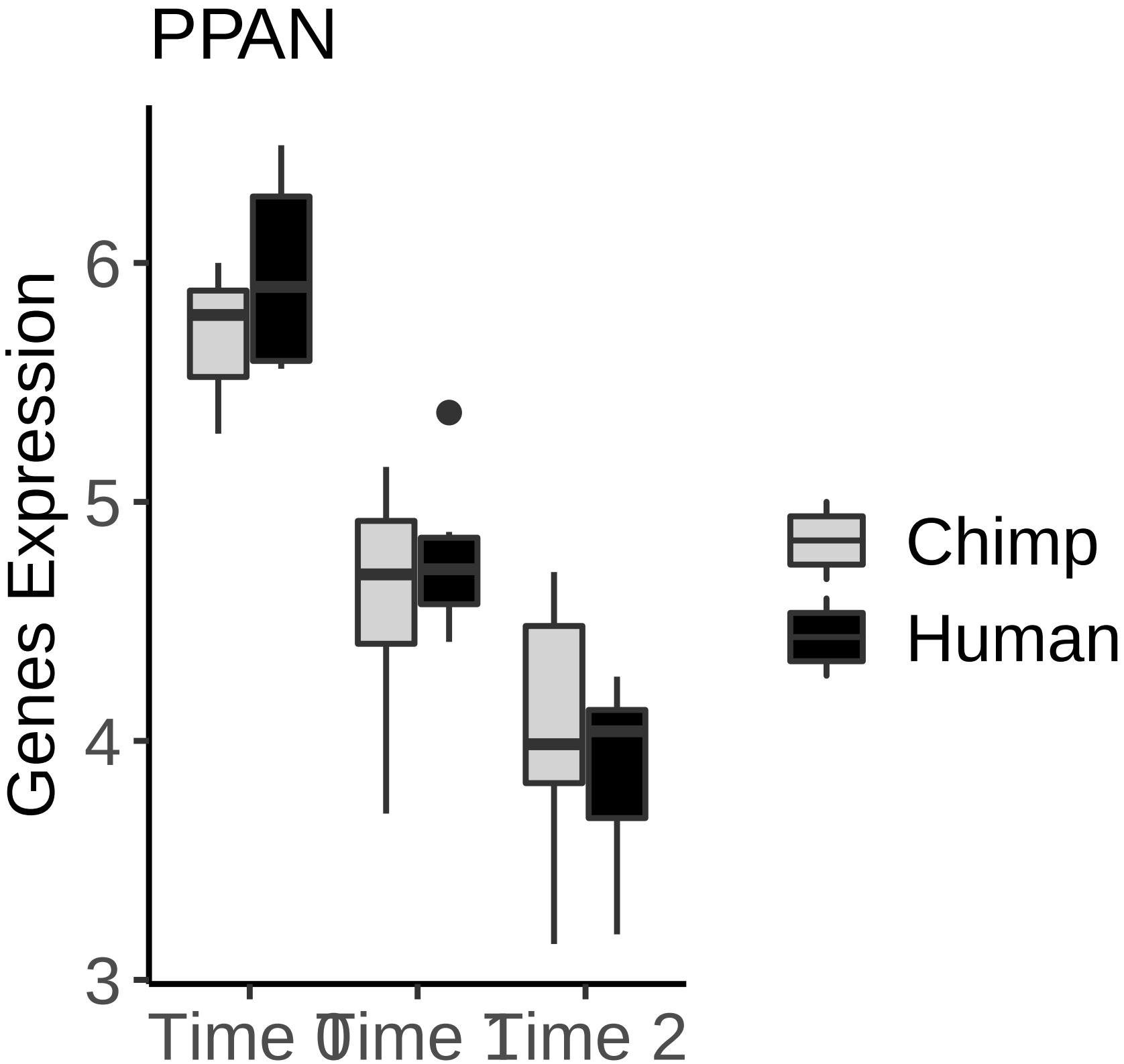
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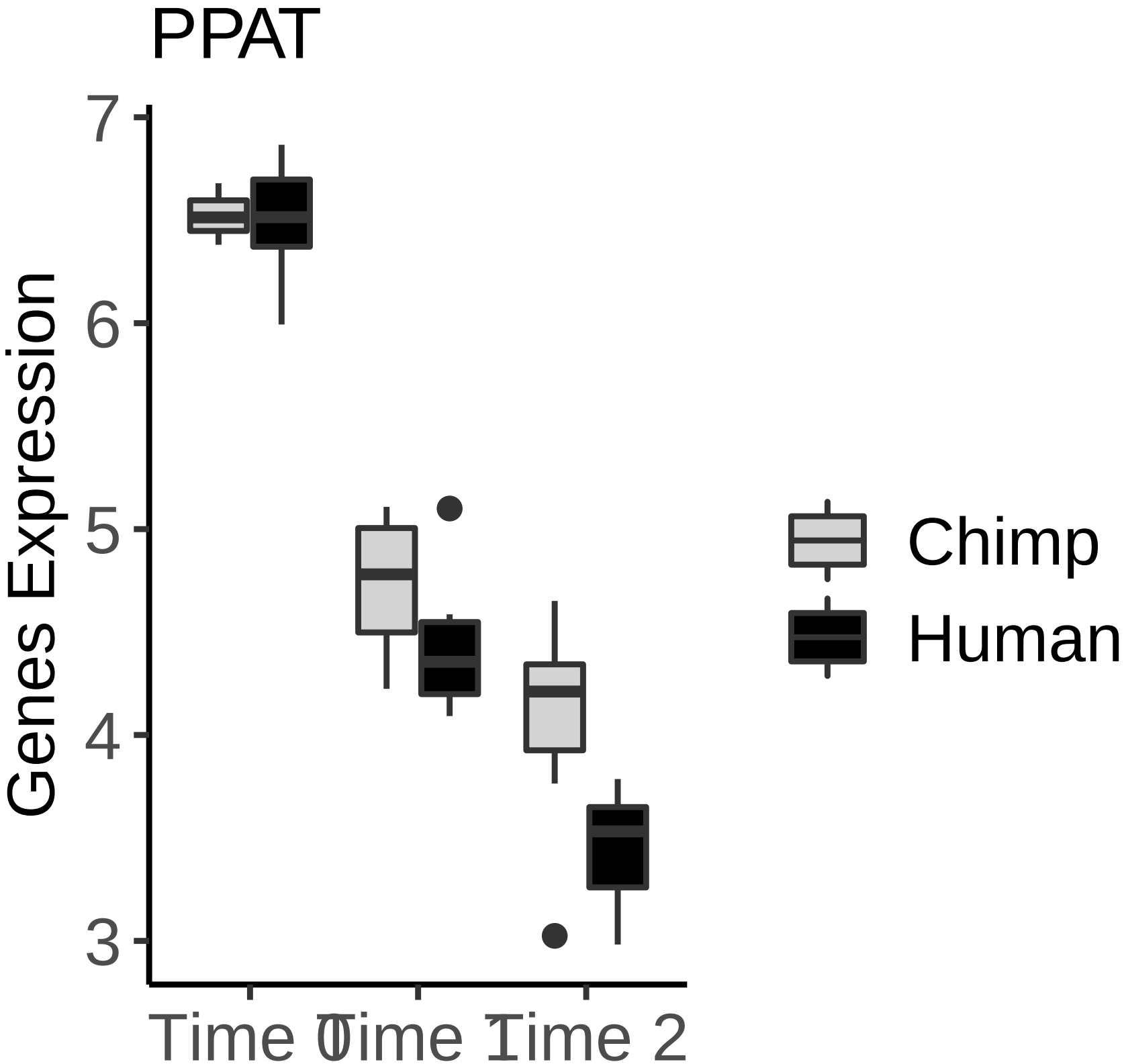
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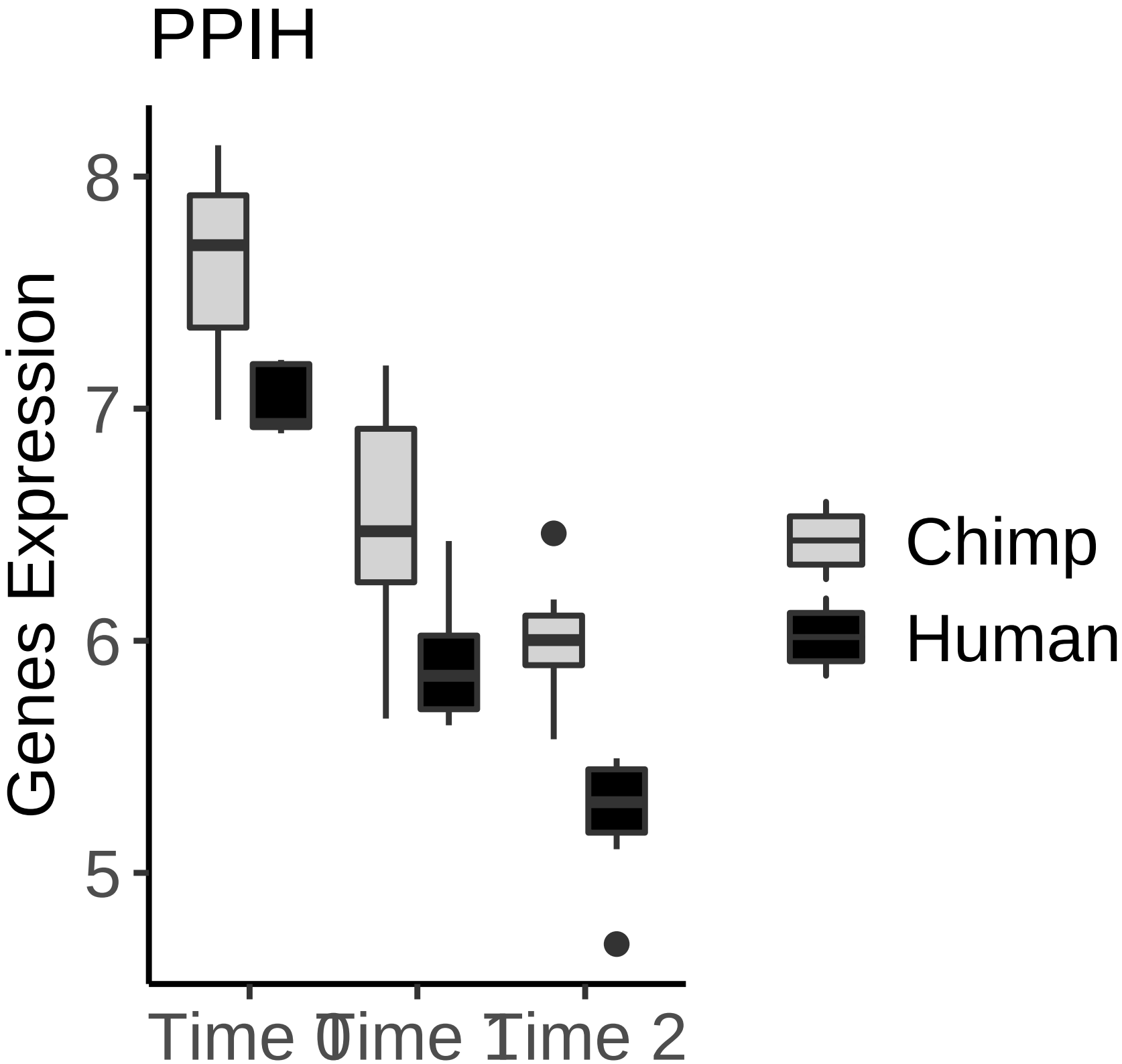
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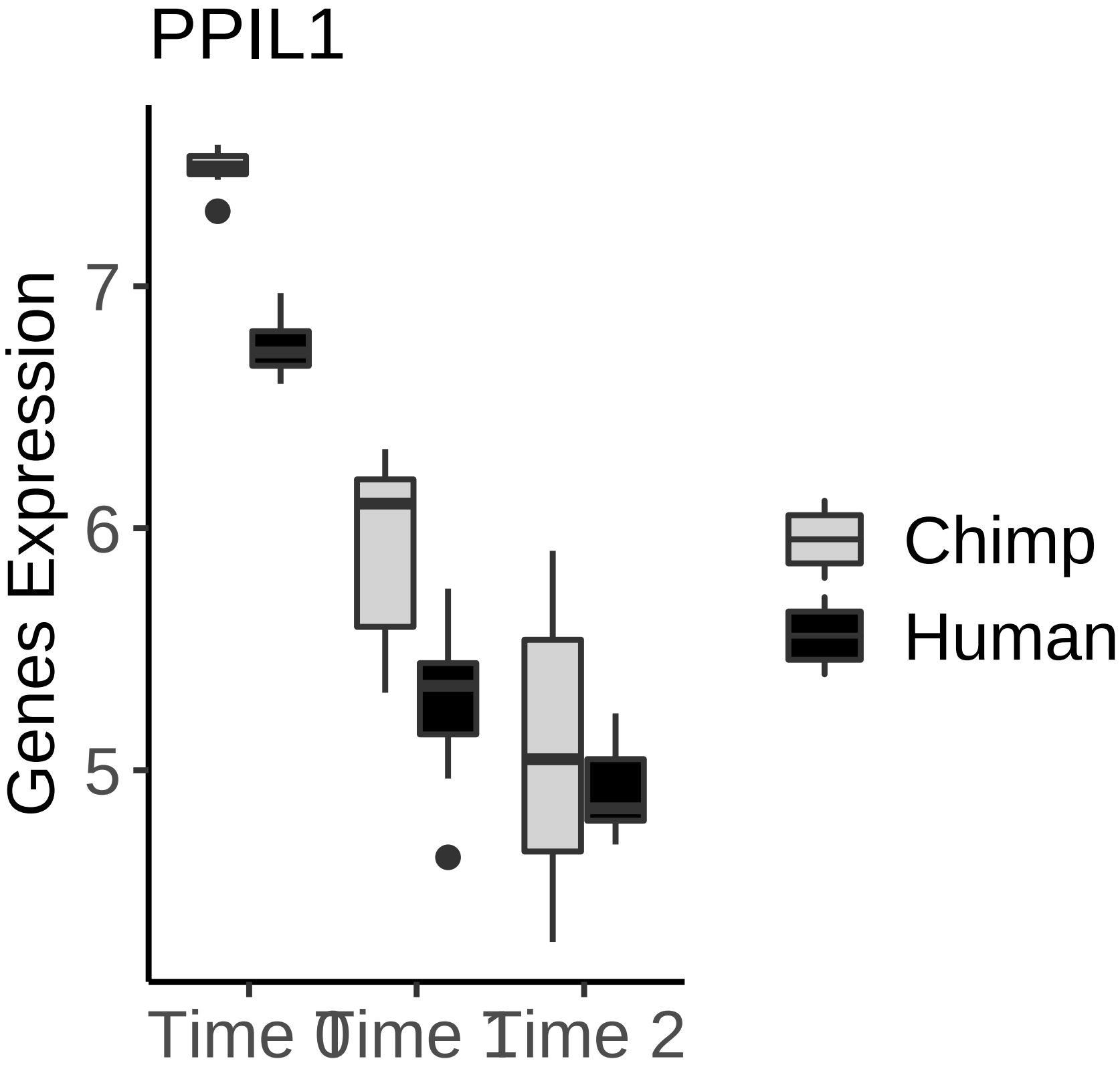
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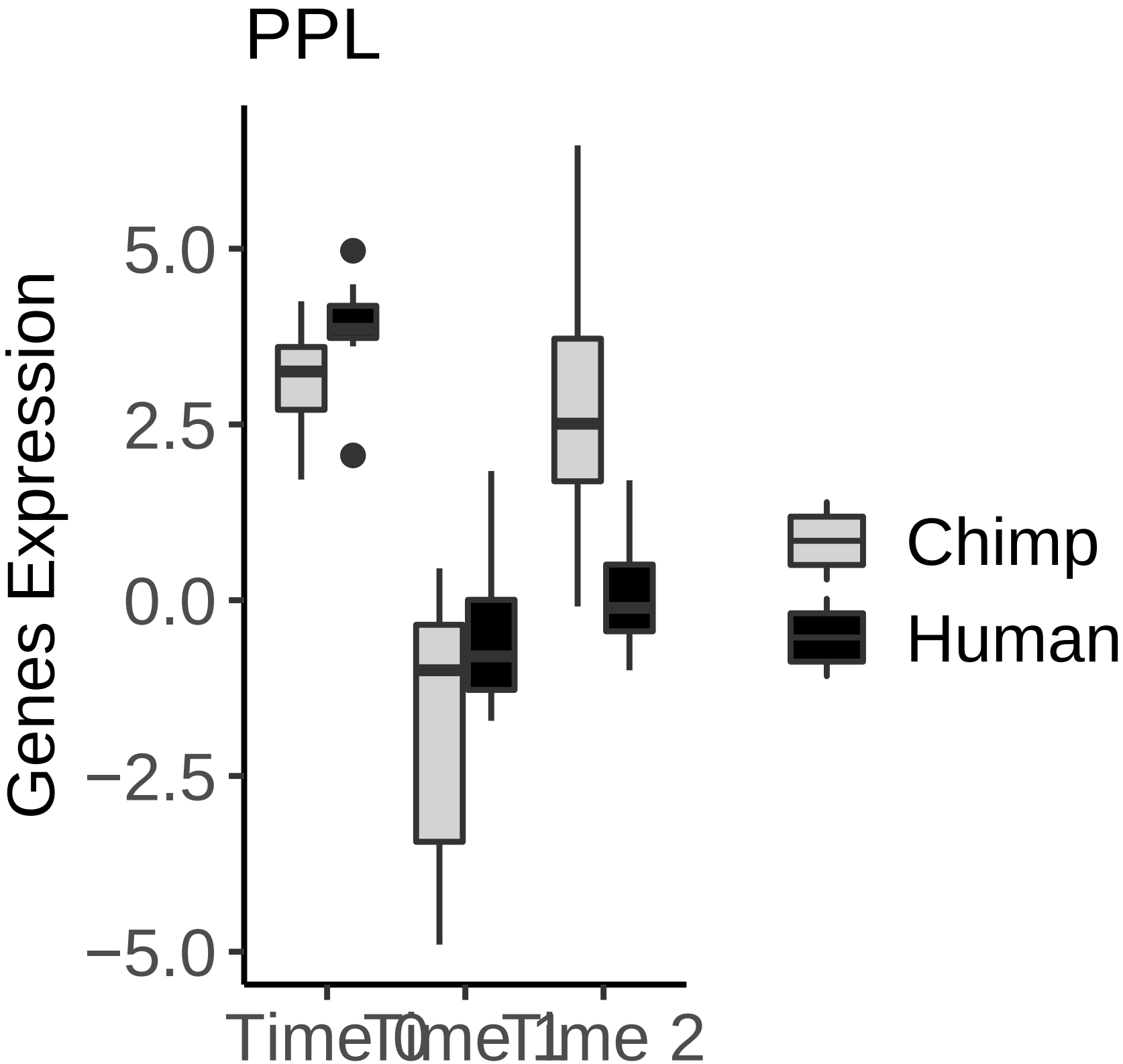
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Time 1
Time 2
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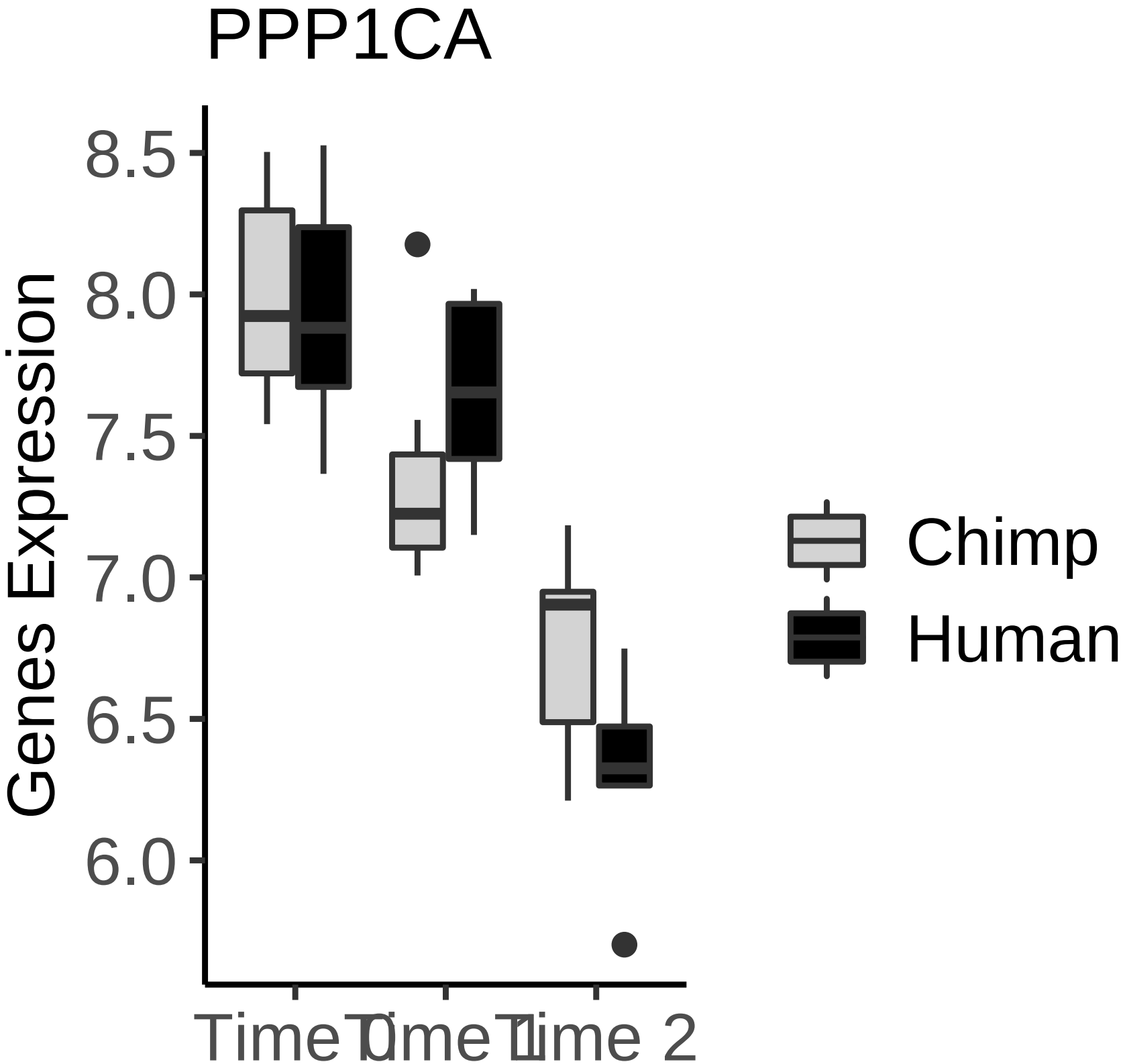
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Time 2
Chimp
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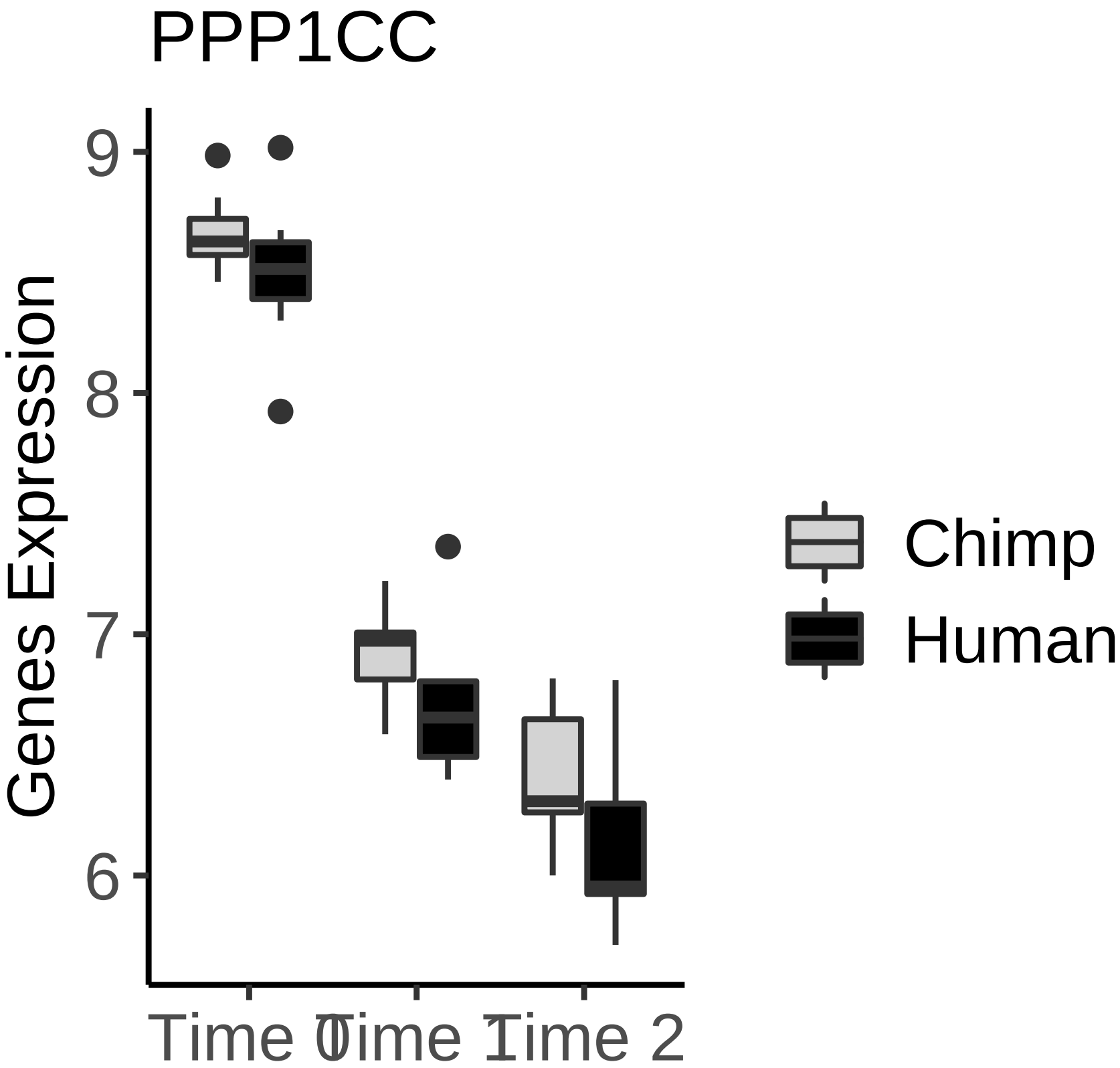
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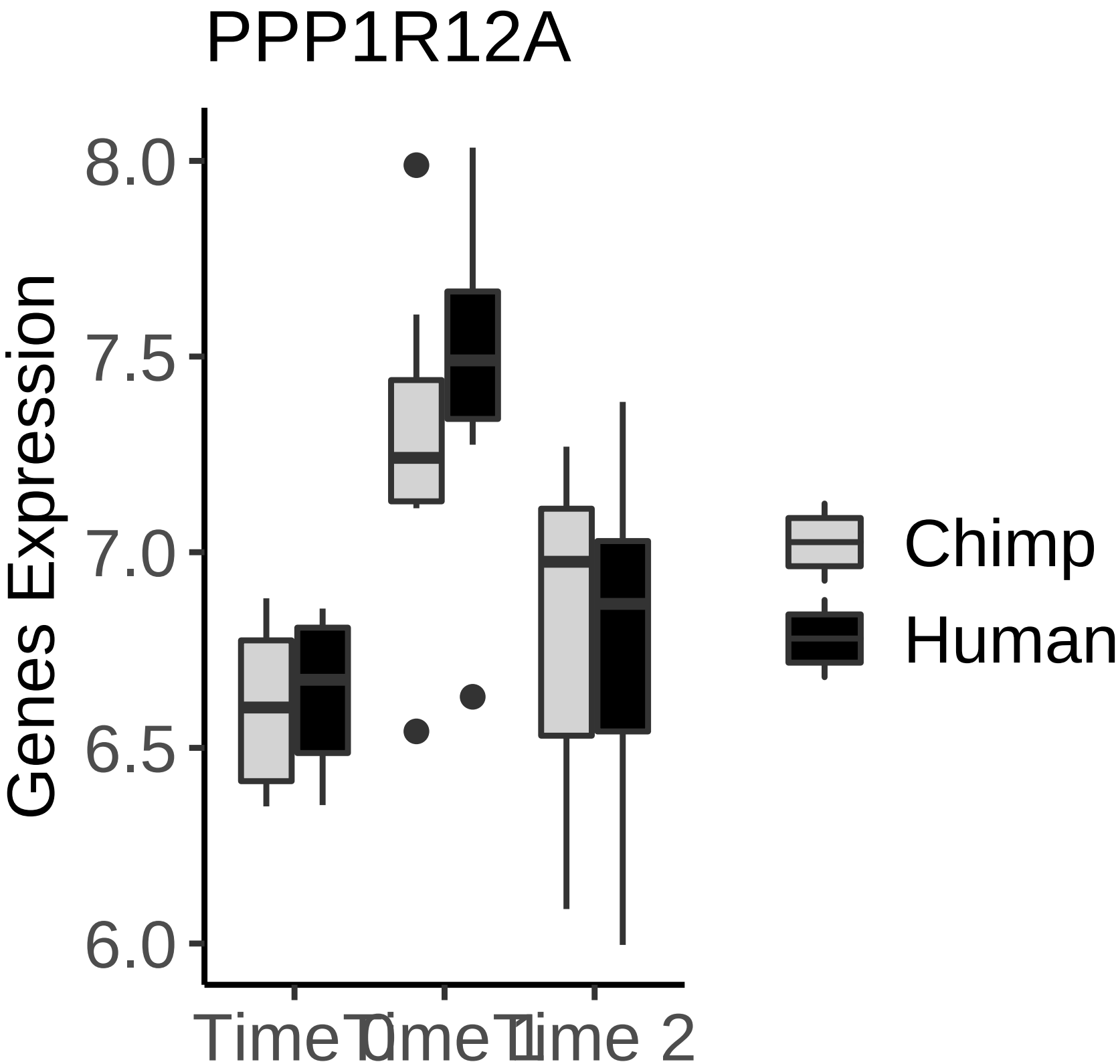
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Time 1
Time 2
Chimp
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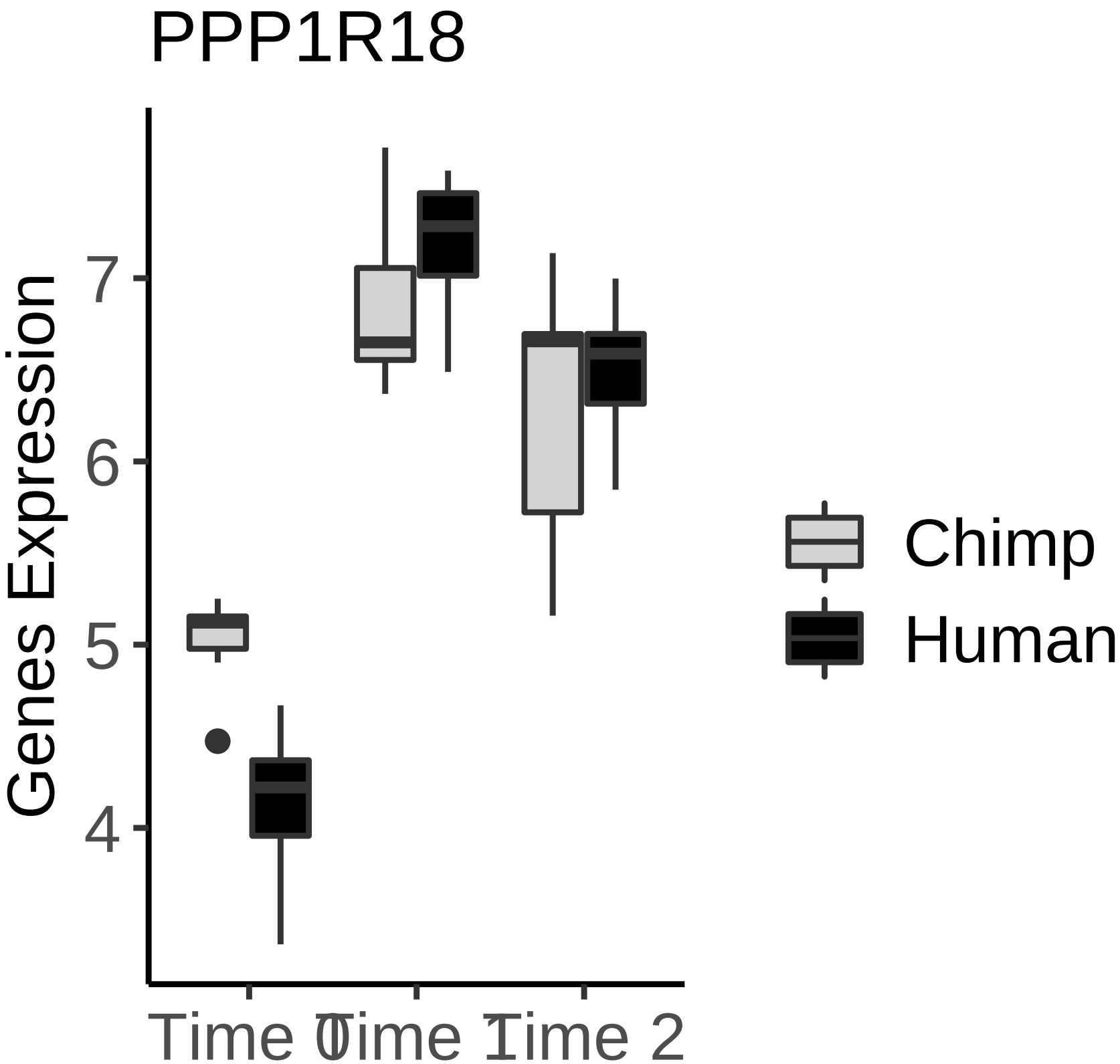
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6
5
4
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Time 1
Time 2
Chimp
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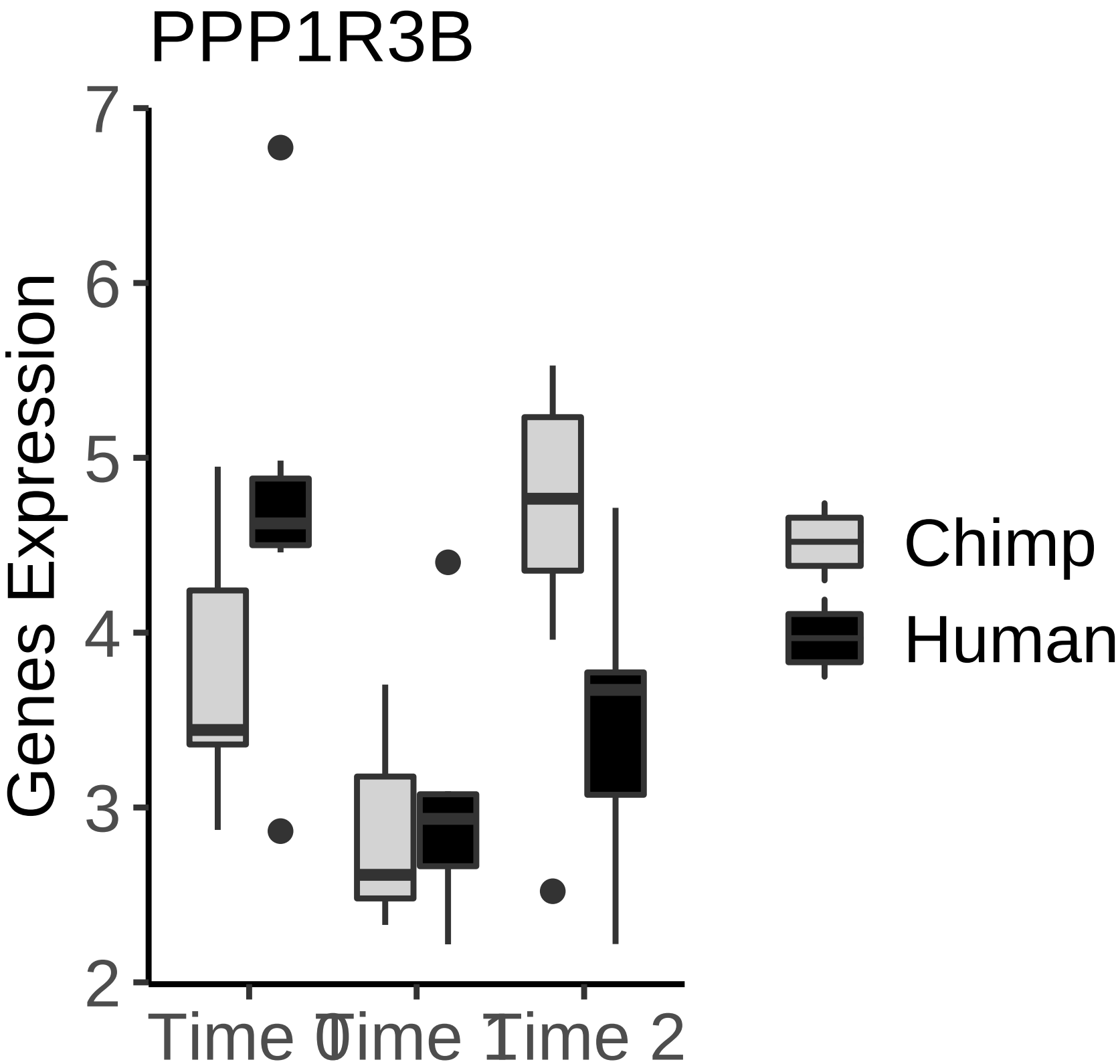
PPP1R3B
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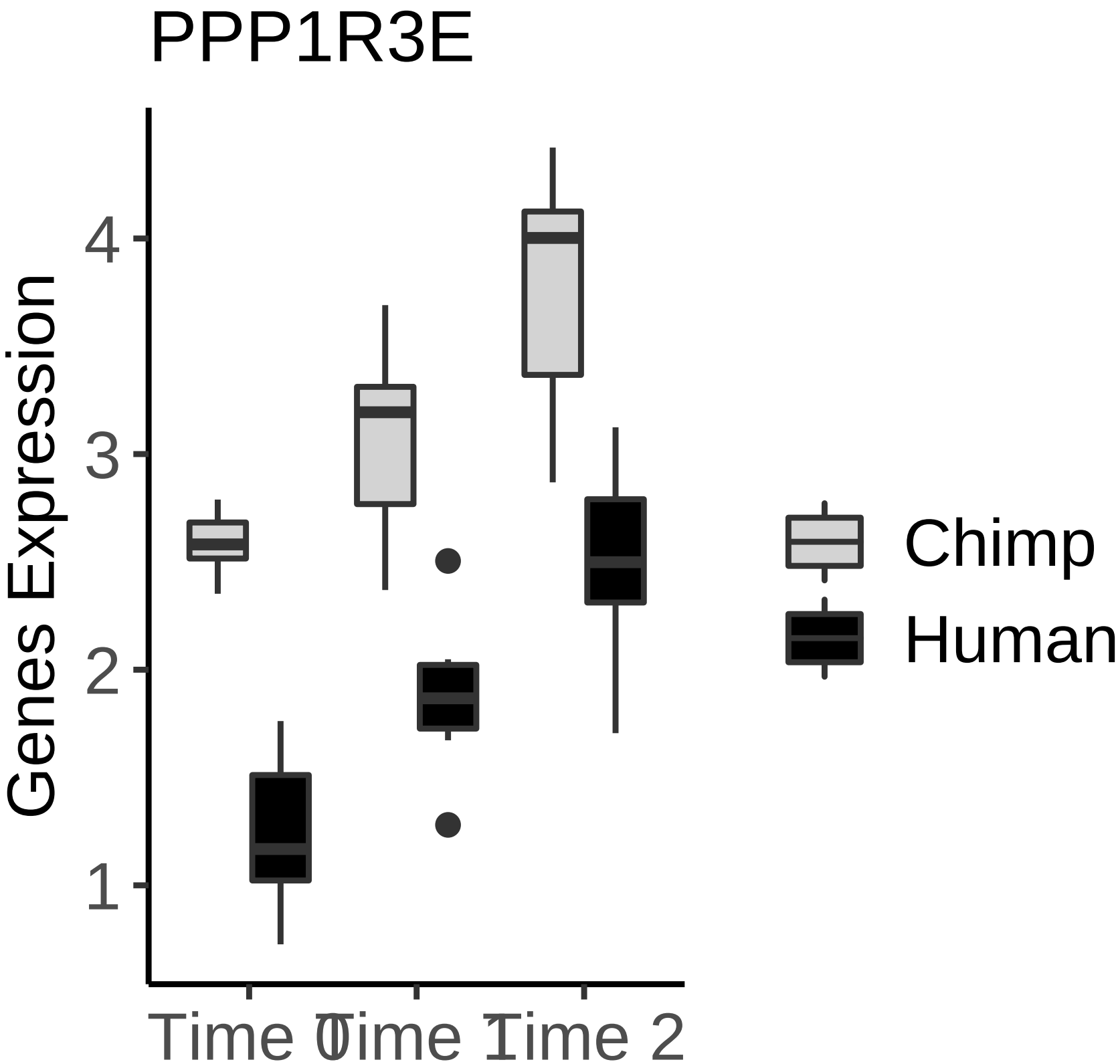
PPP1R3E
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Time 2
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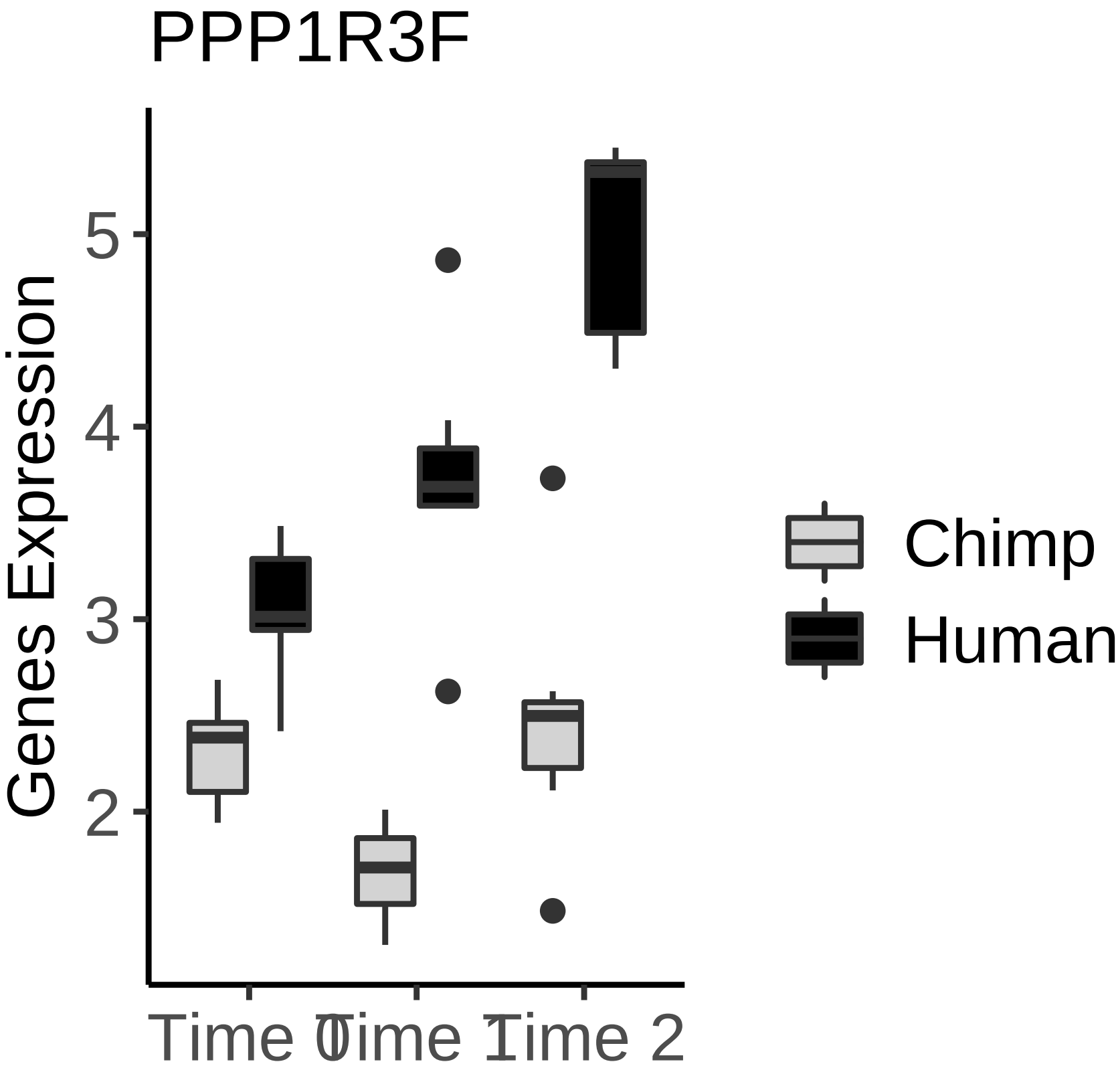
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Time 2
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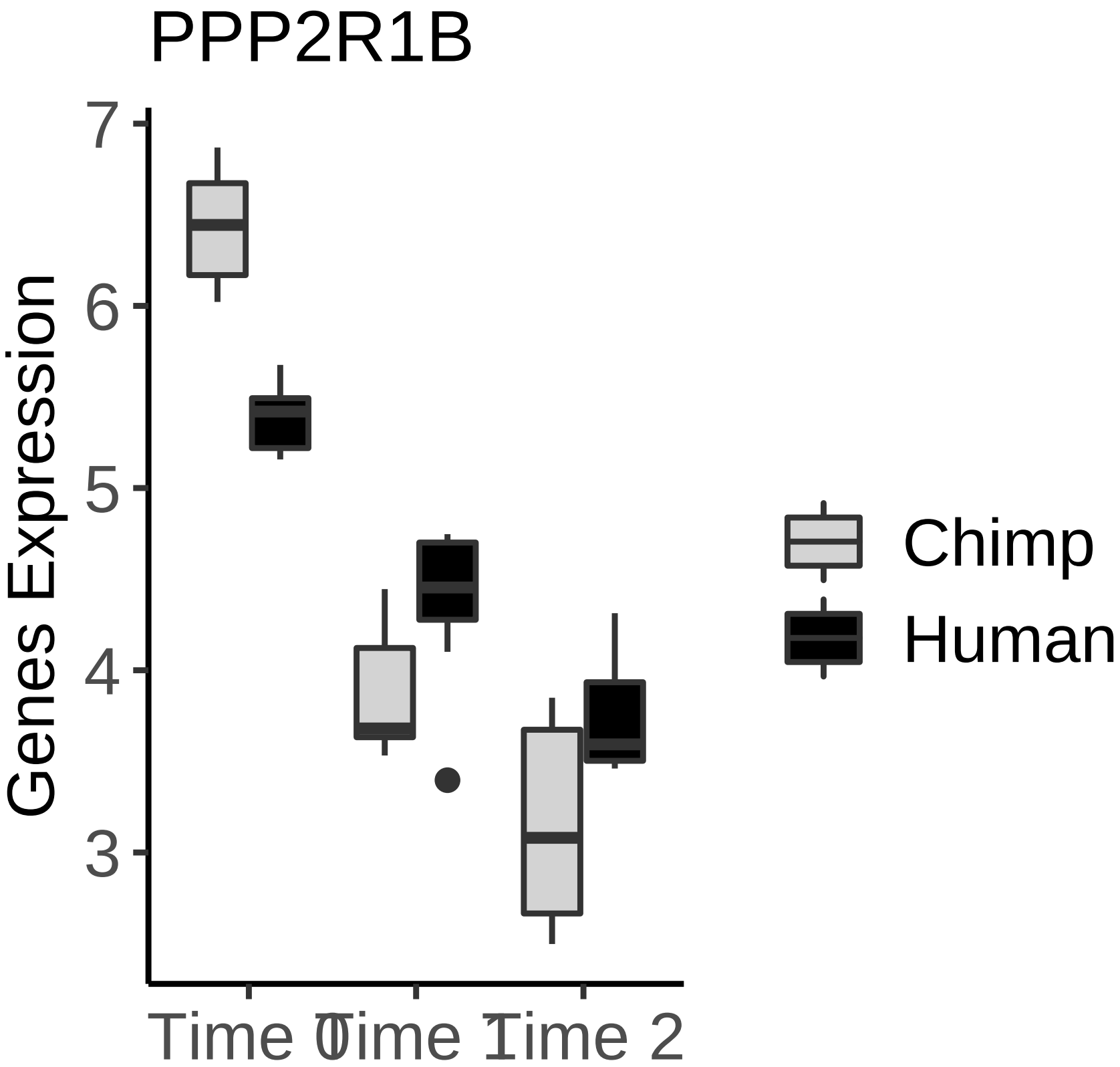
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3
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Time 1
Time 2
Chimp
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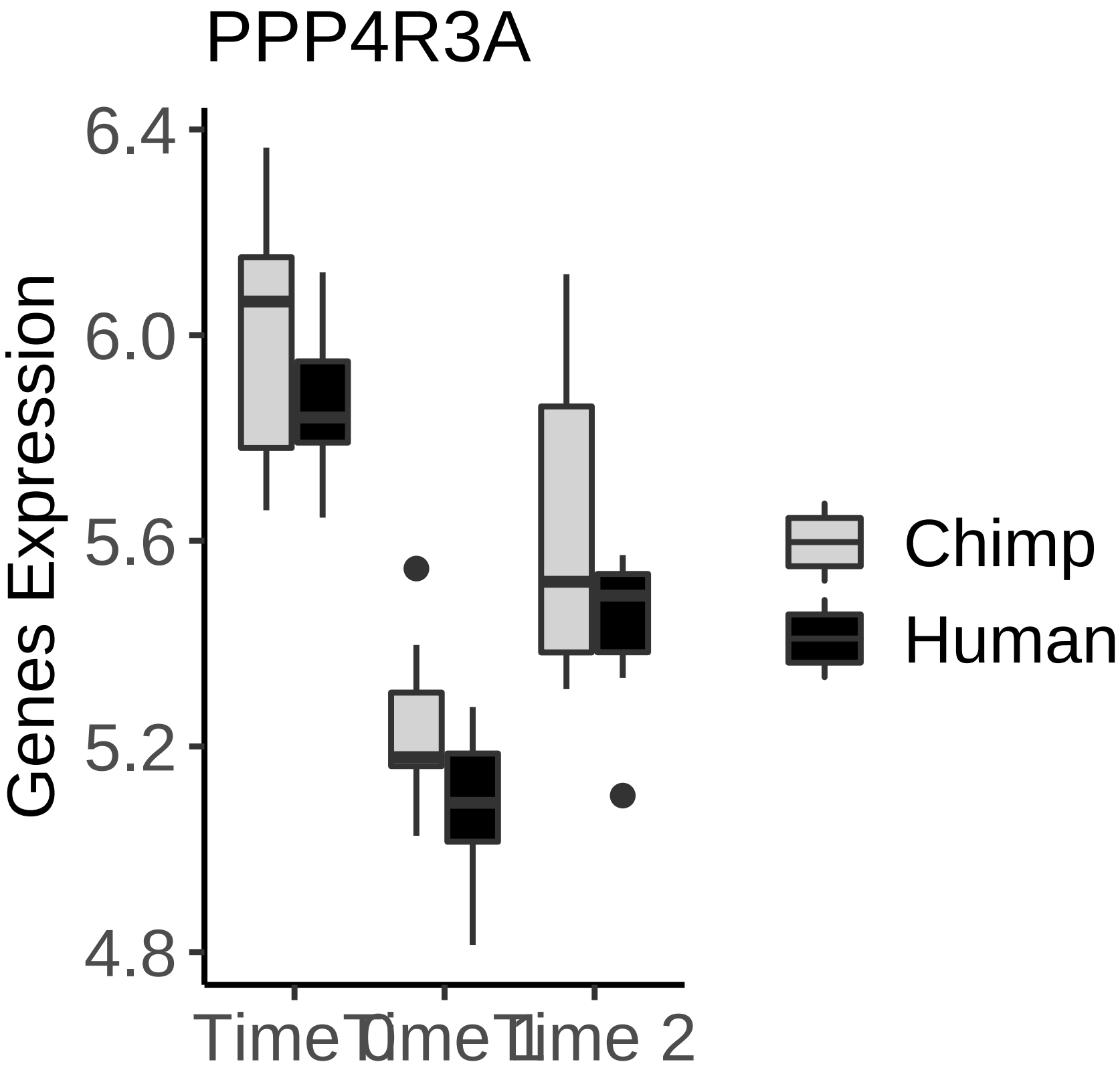
PPP4R3A
Genes Expression
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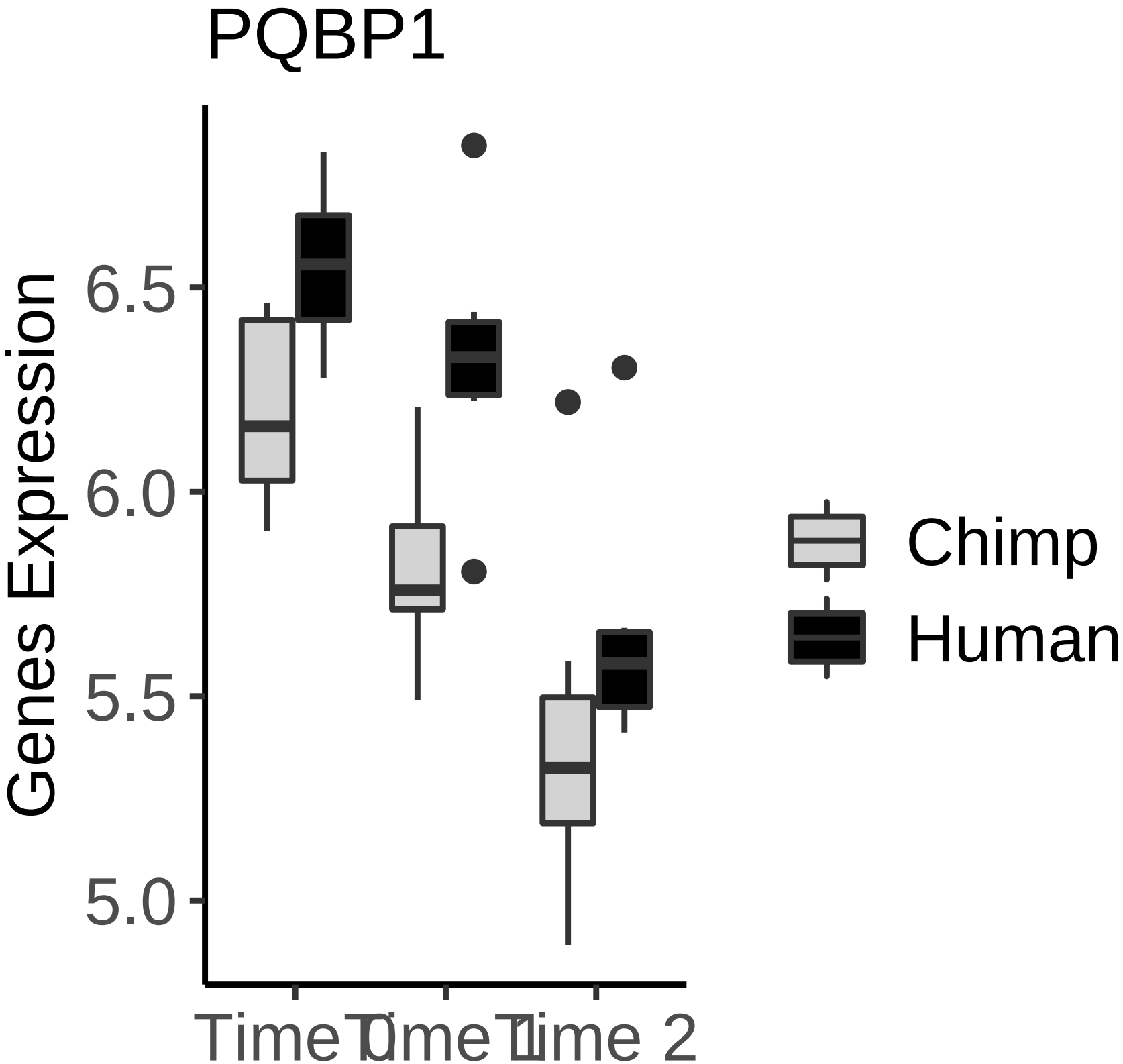
Time 1
Time 2
Chimp
Human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Time 1
Time 2
Chimp
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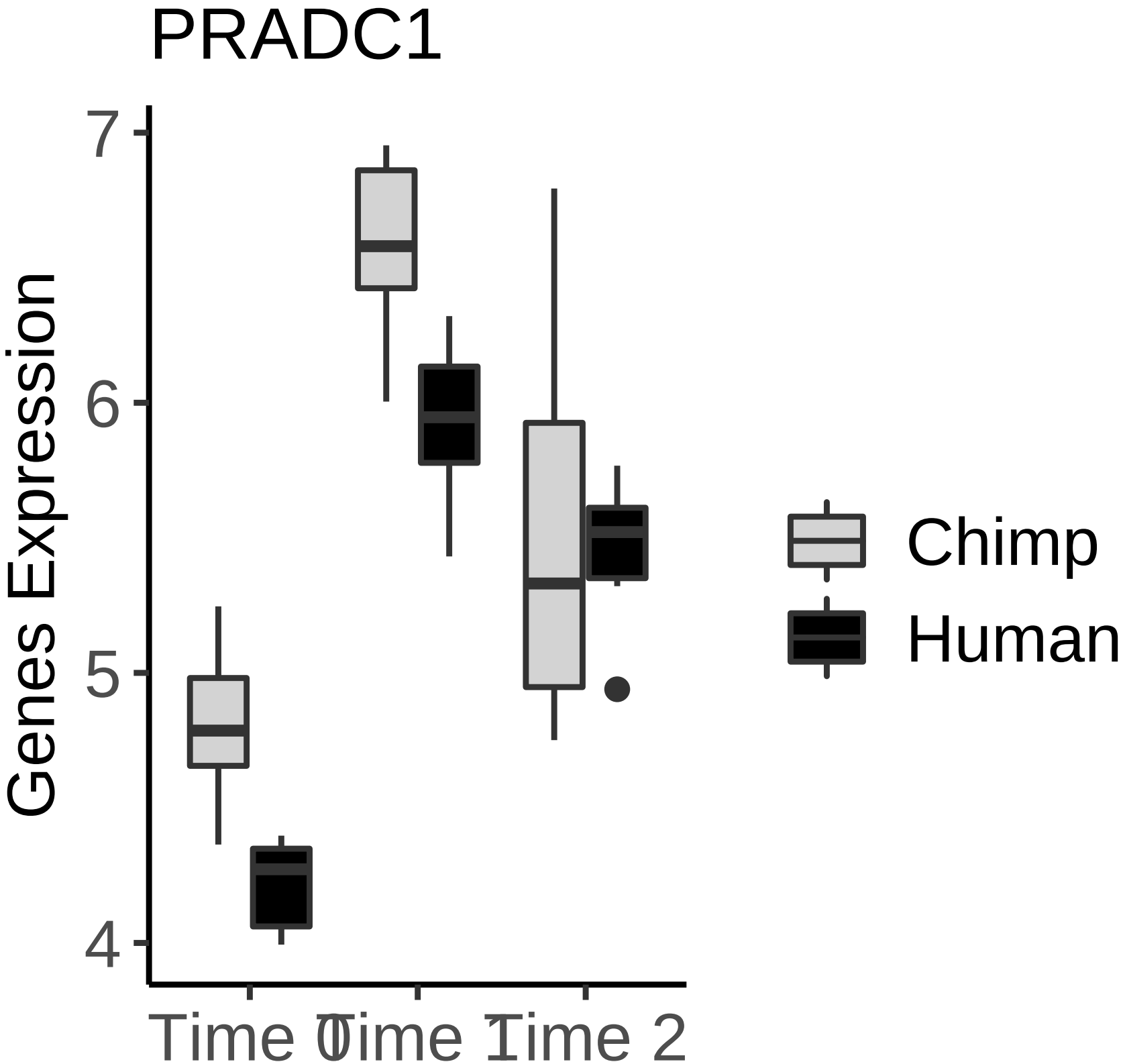
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Genes Expression
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Time 2
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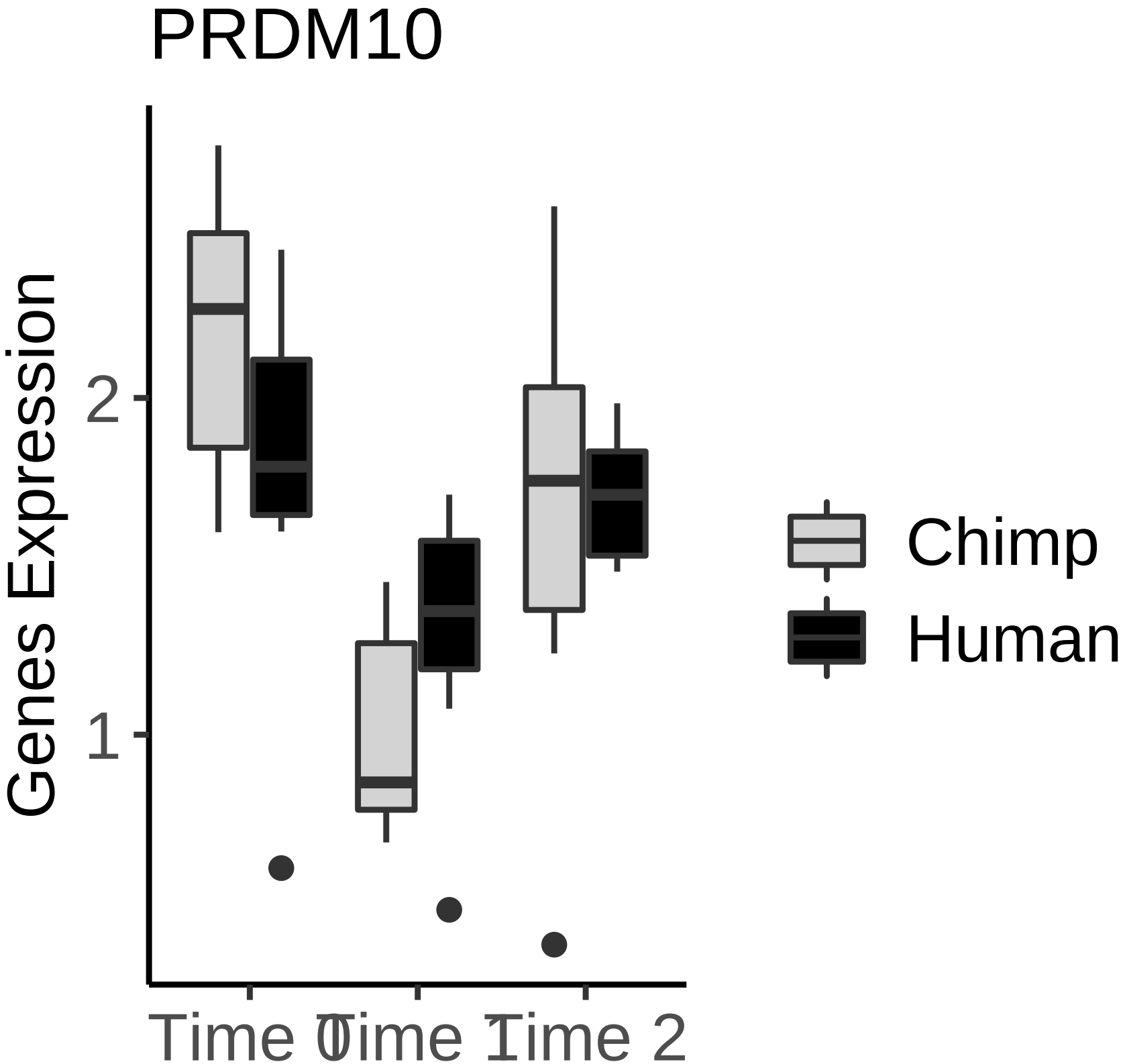
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1
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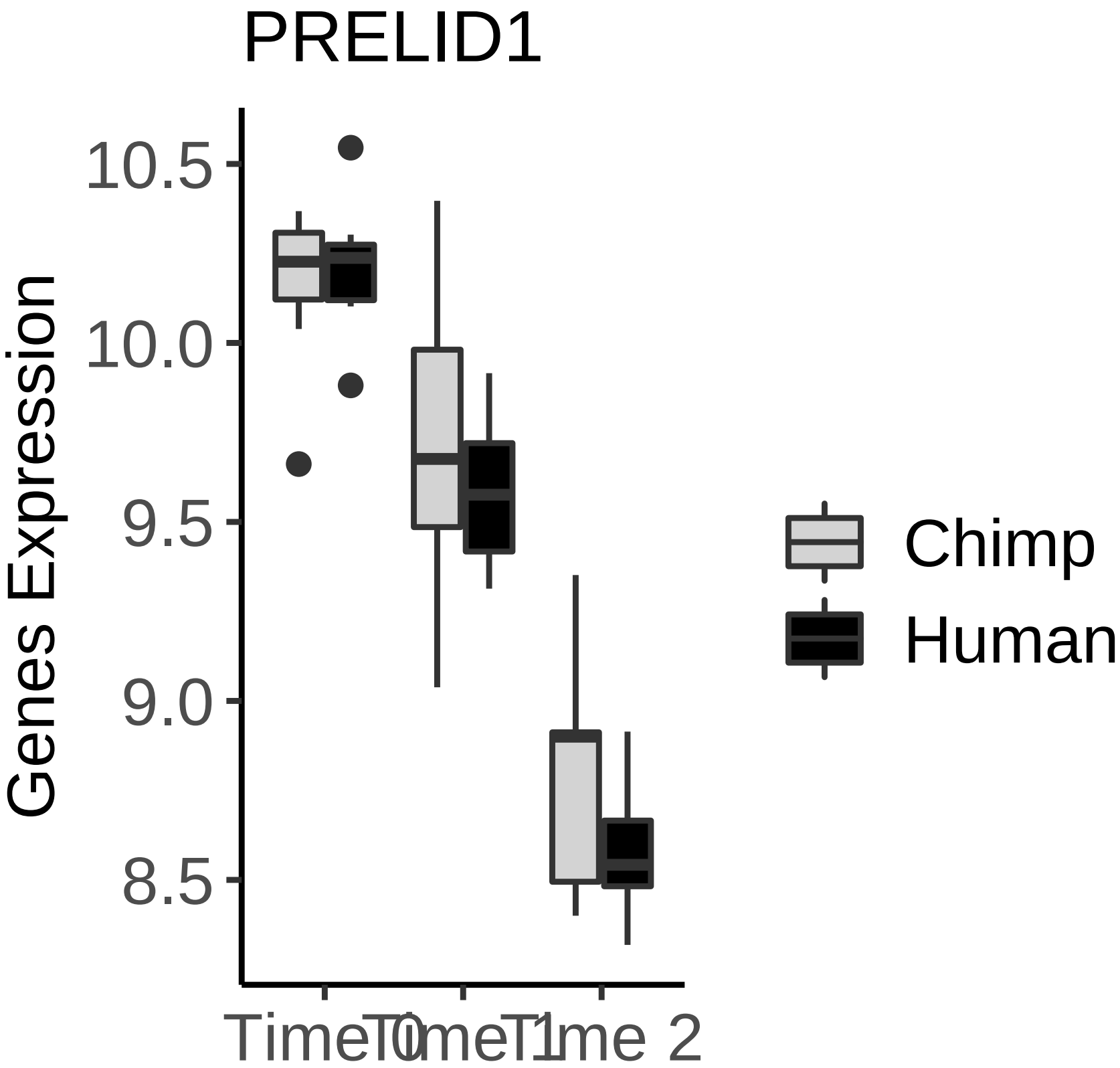
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Chimp
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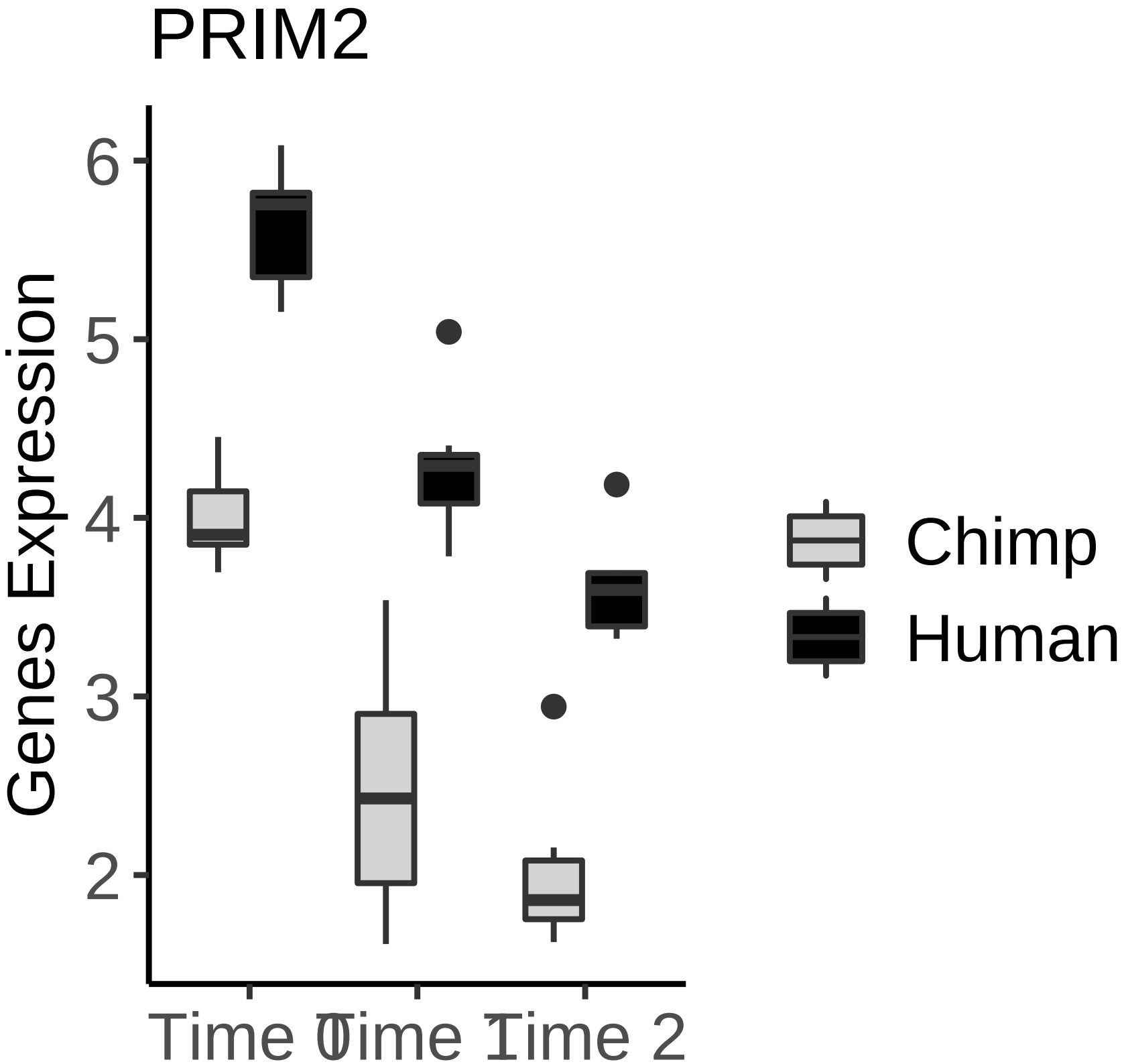
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3
2
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Time 2
Chimp
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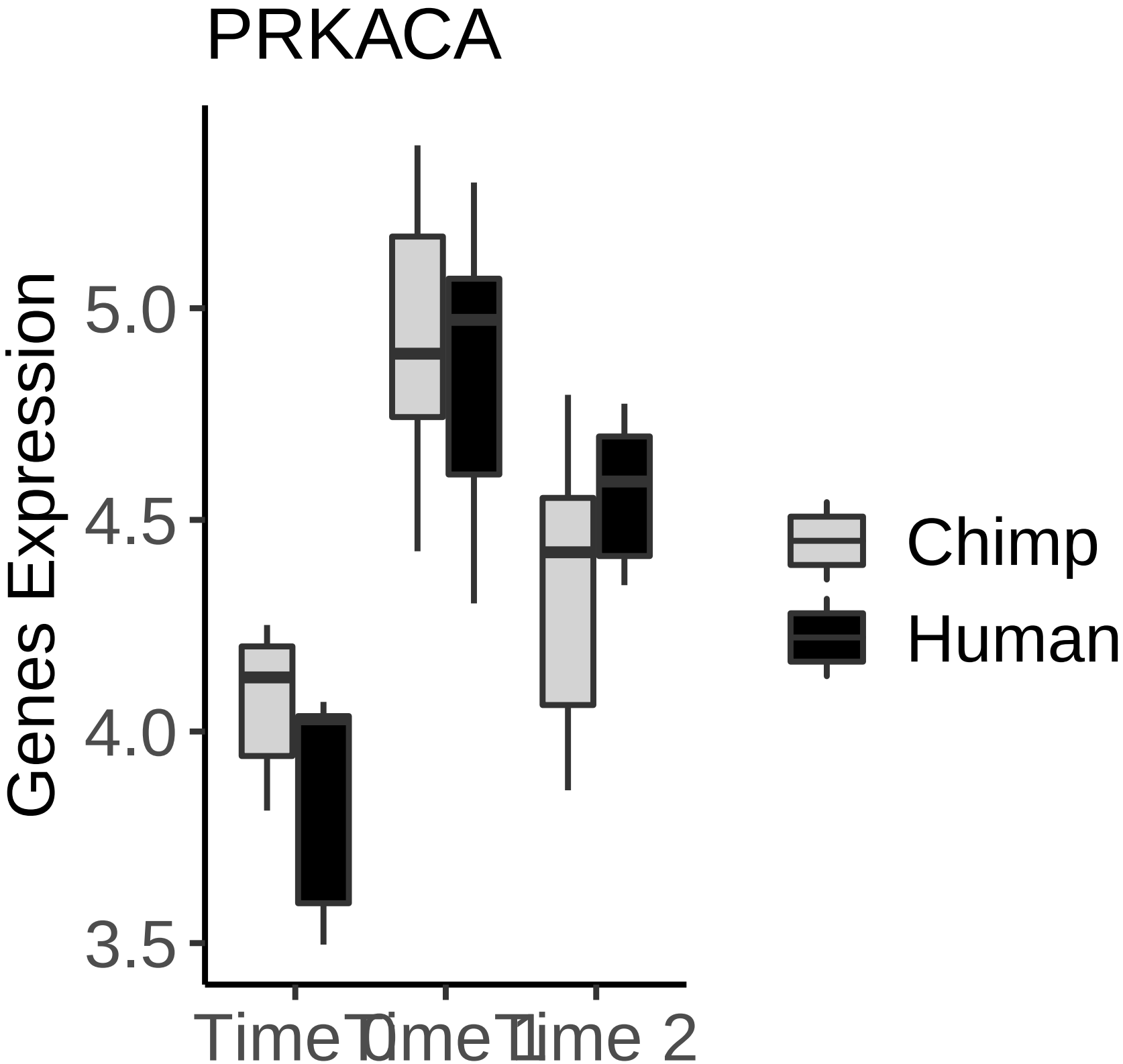
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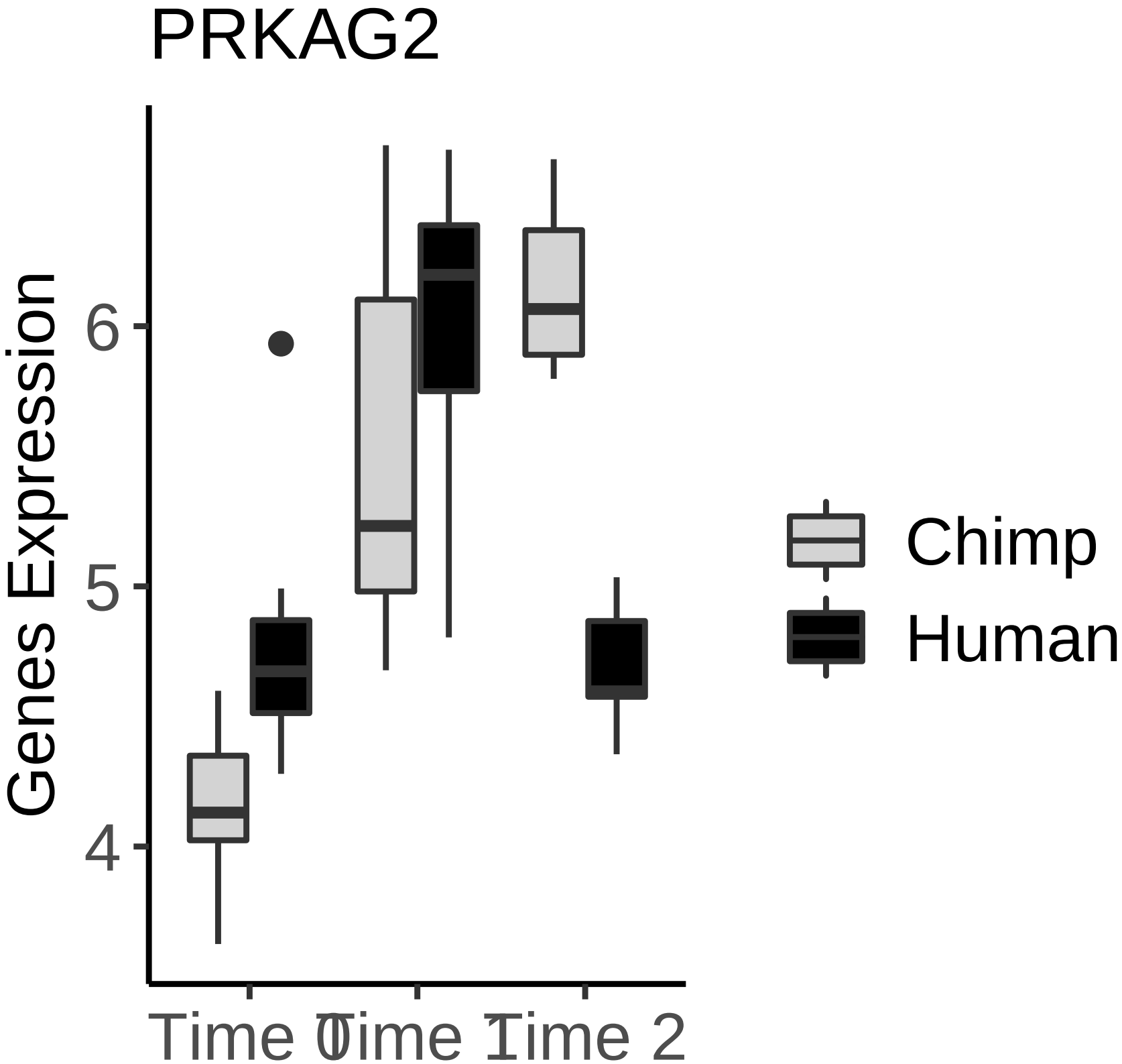
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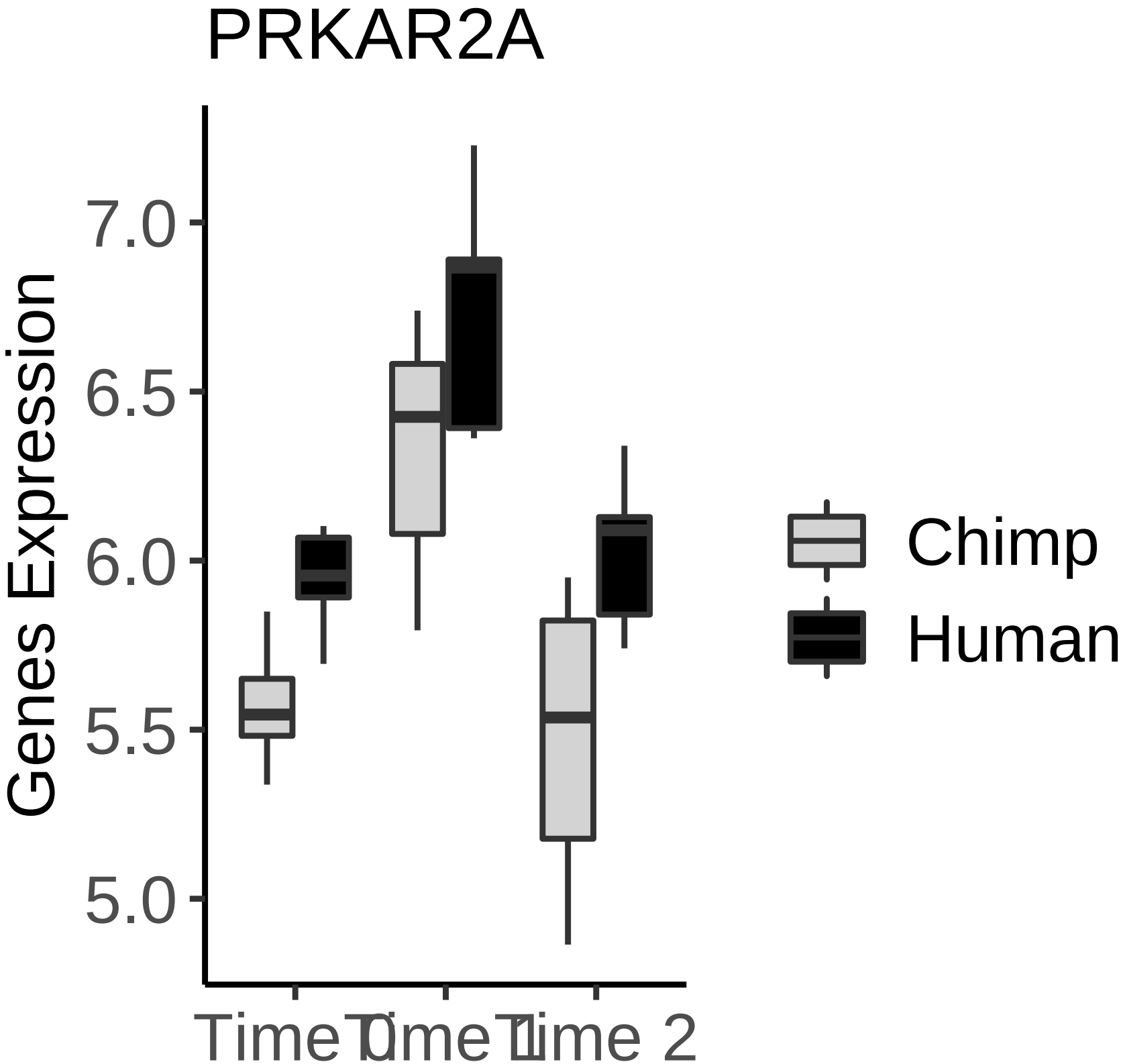
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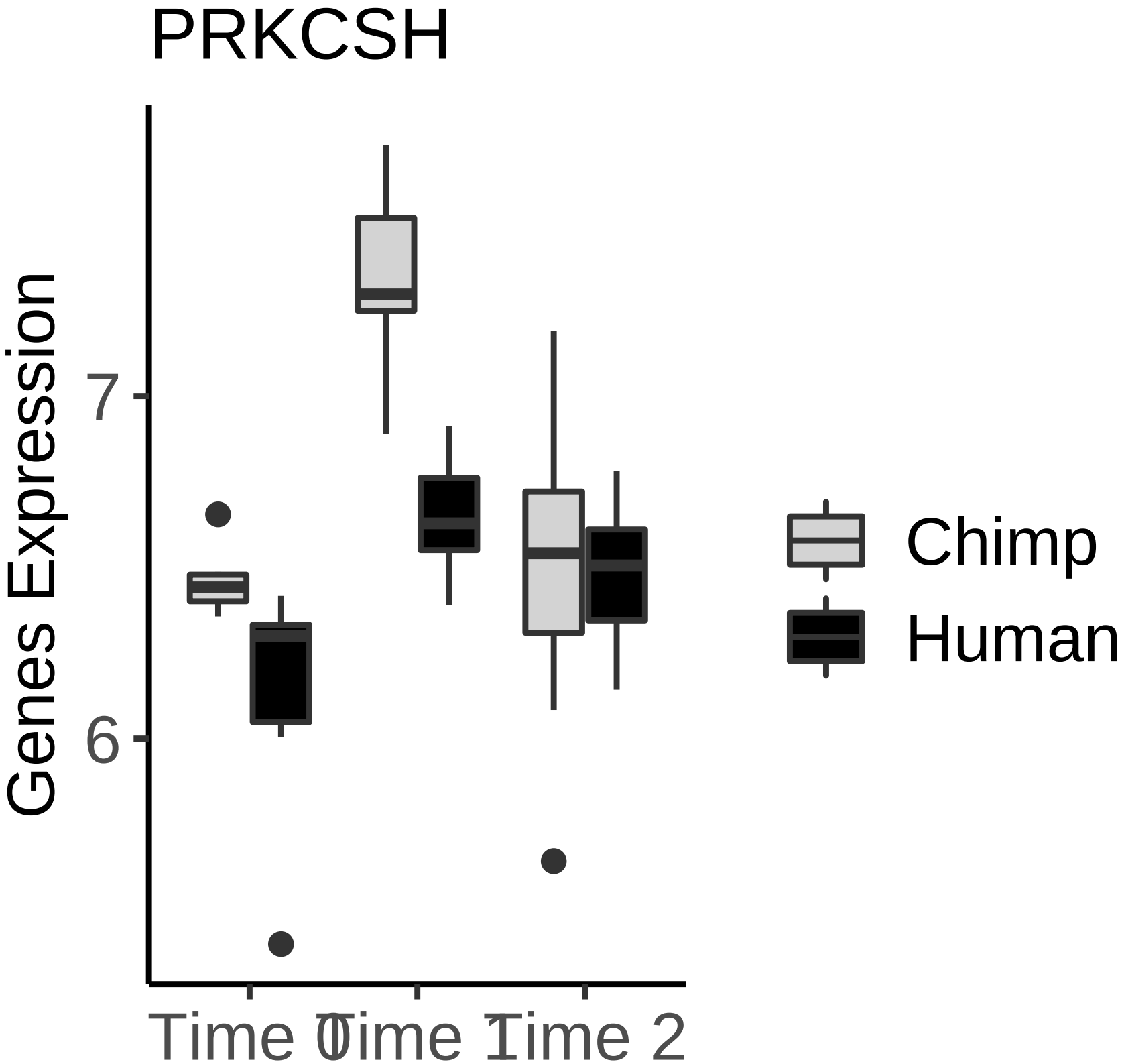
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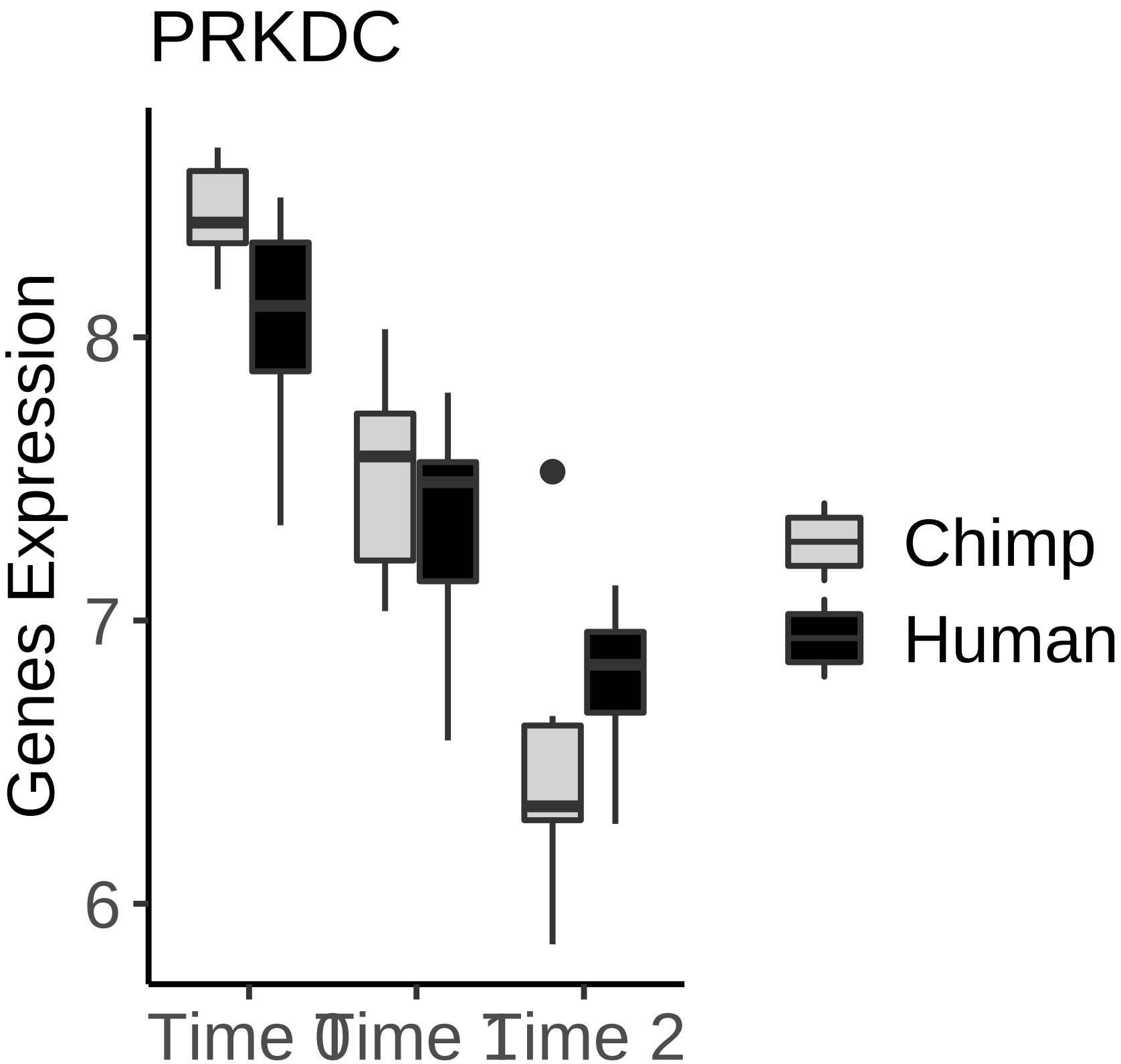
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6
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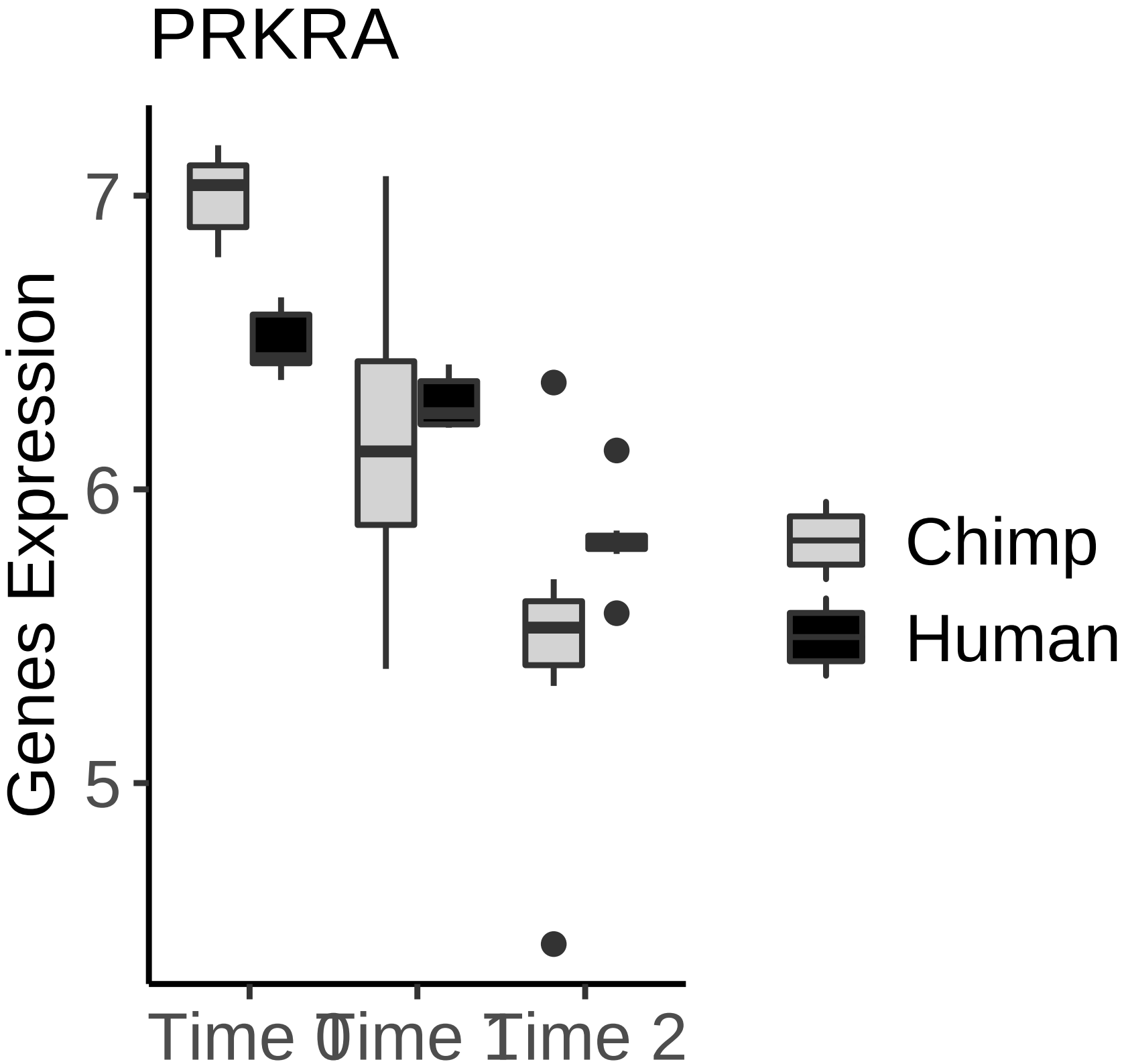
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Chimp
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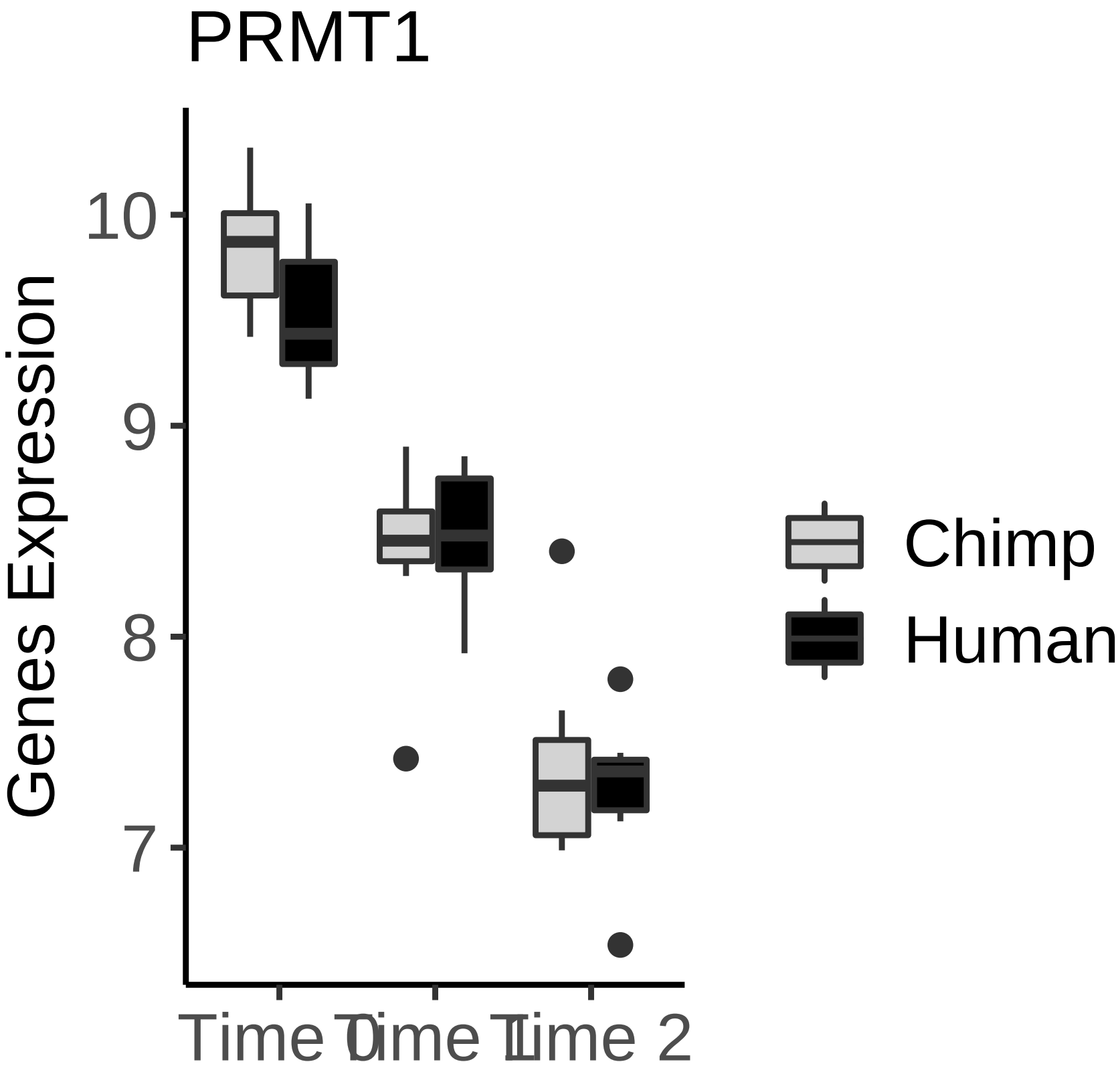
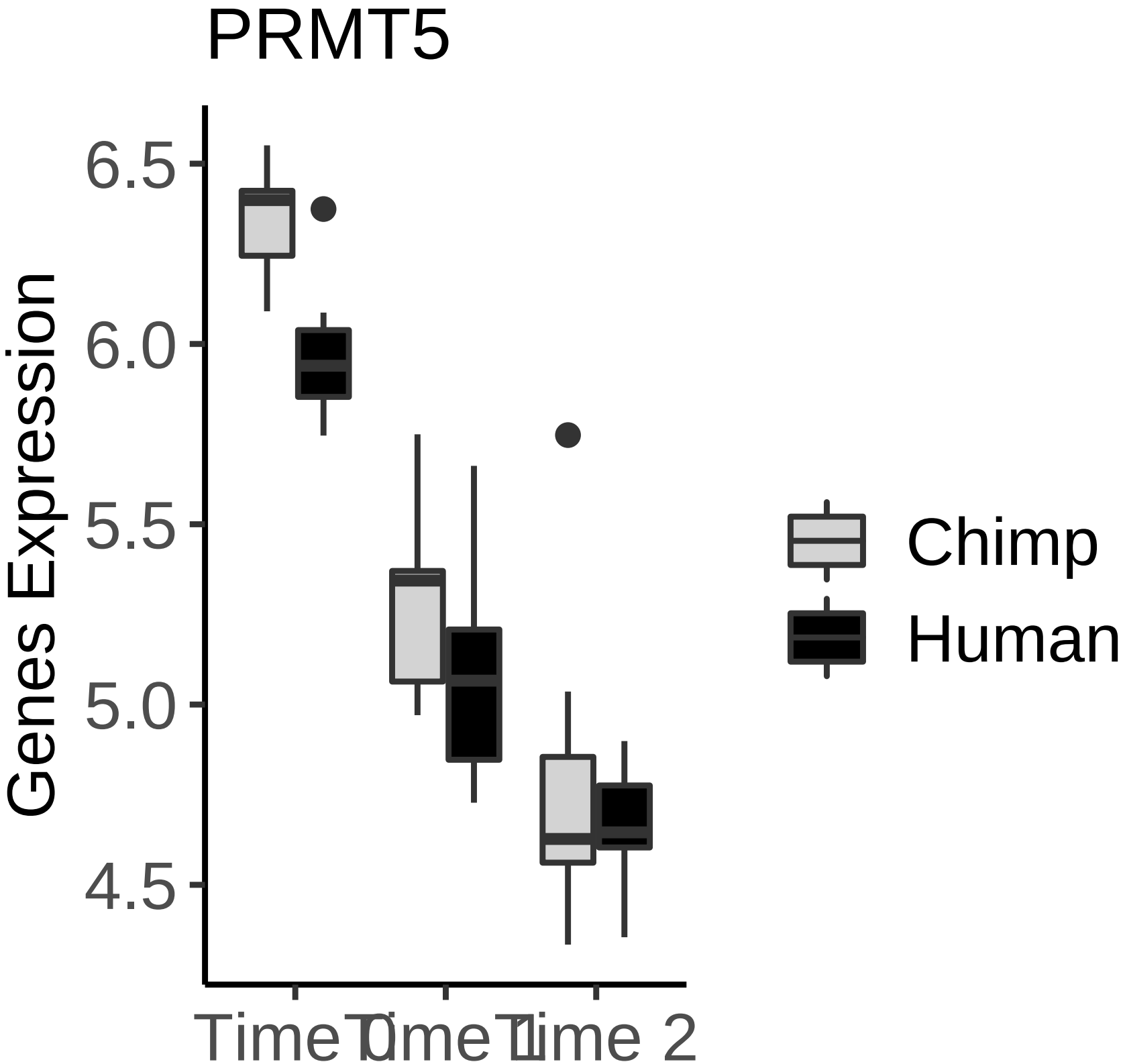

PRMT1
Genes Expression
10
9
8
7
Time 0
Time 1
Time 2
Chimp
Human


PRMT5
Genes Expression
6.5
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5.0
4.5
Time 0
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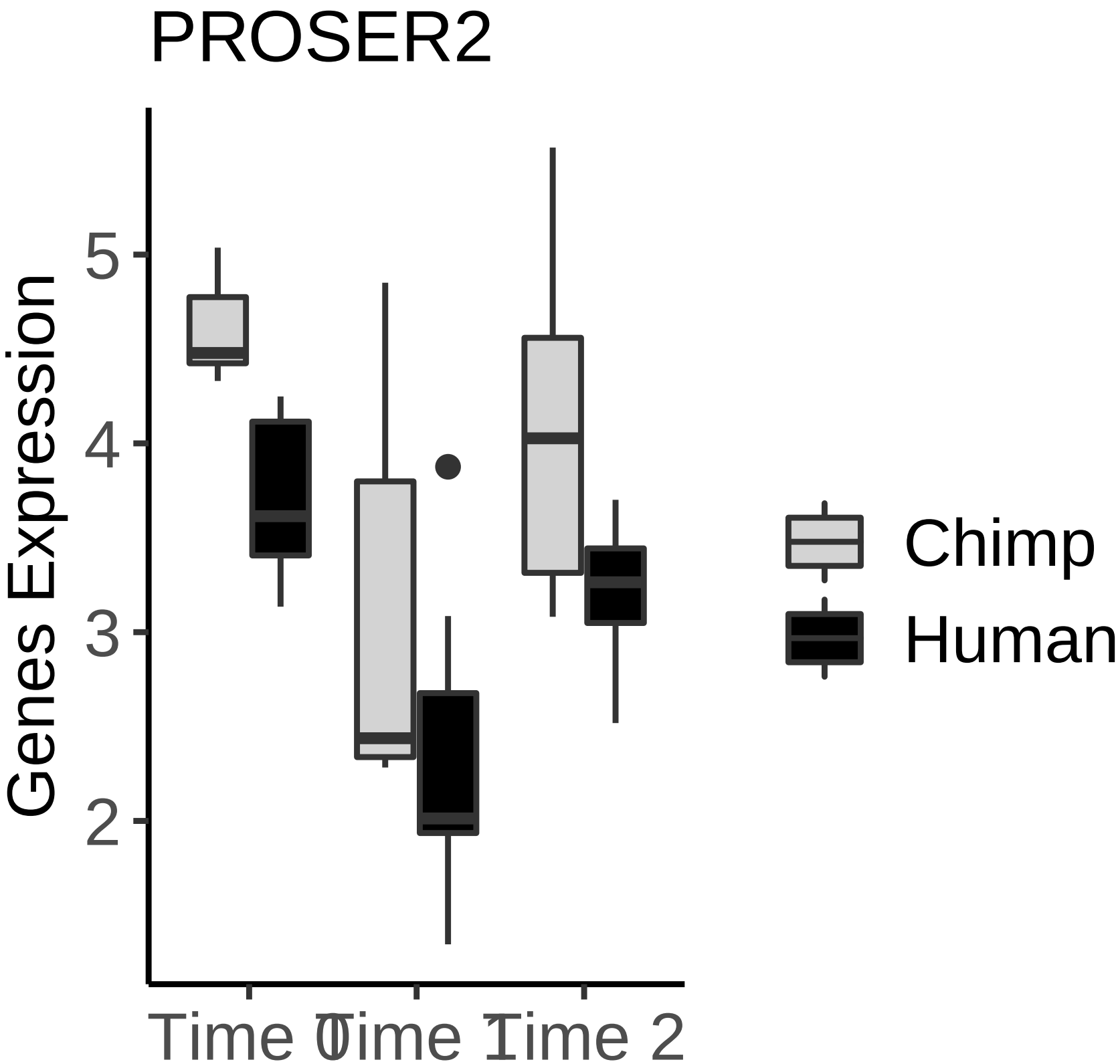
PROSER2
Genes Expression
5
4
3
2
Time 0
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Time 2
Chimp
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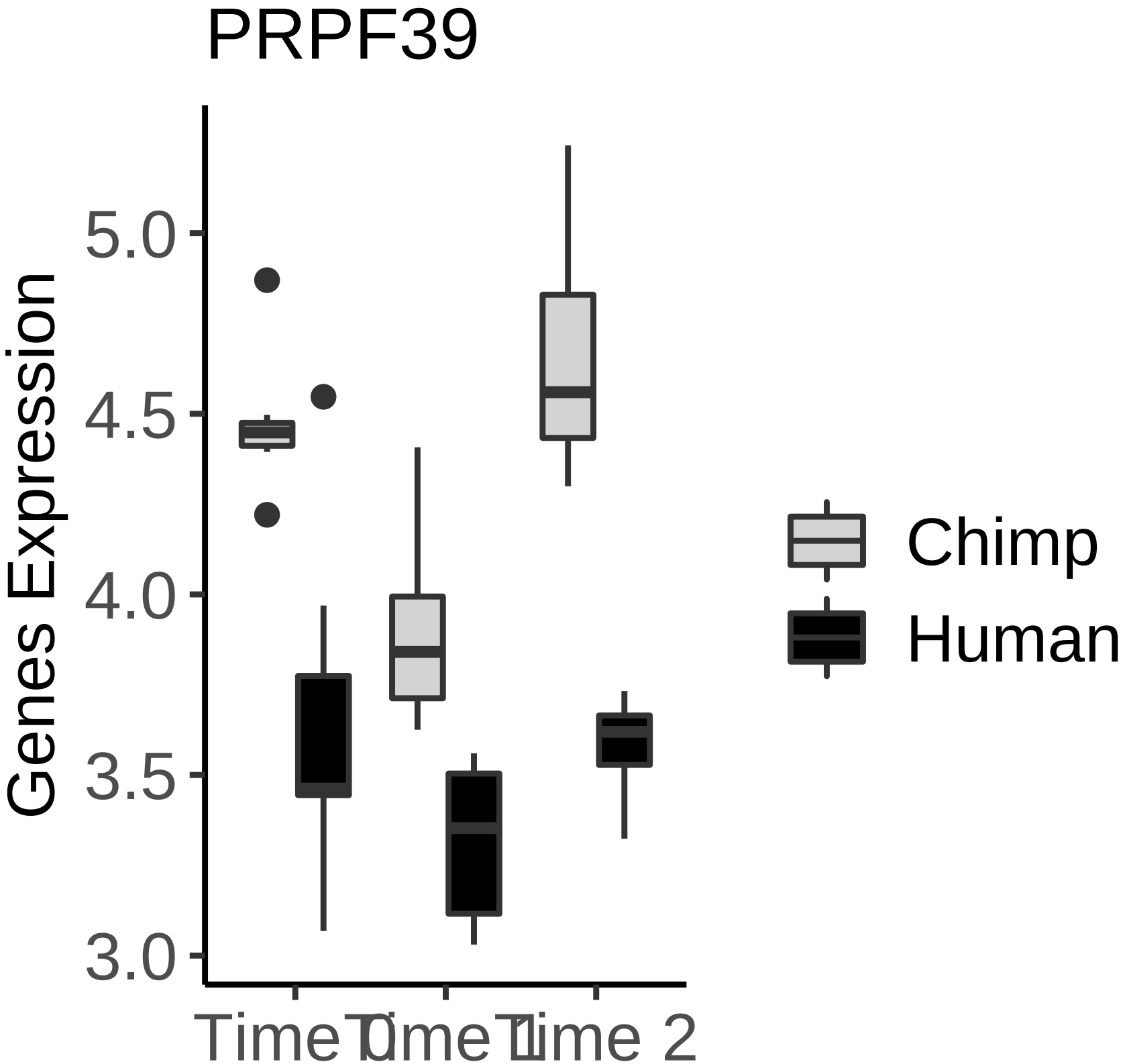
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3.0
Time 0
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Chimp
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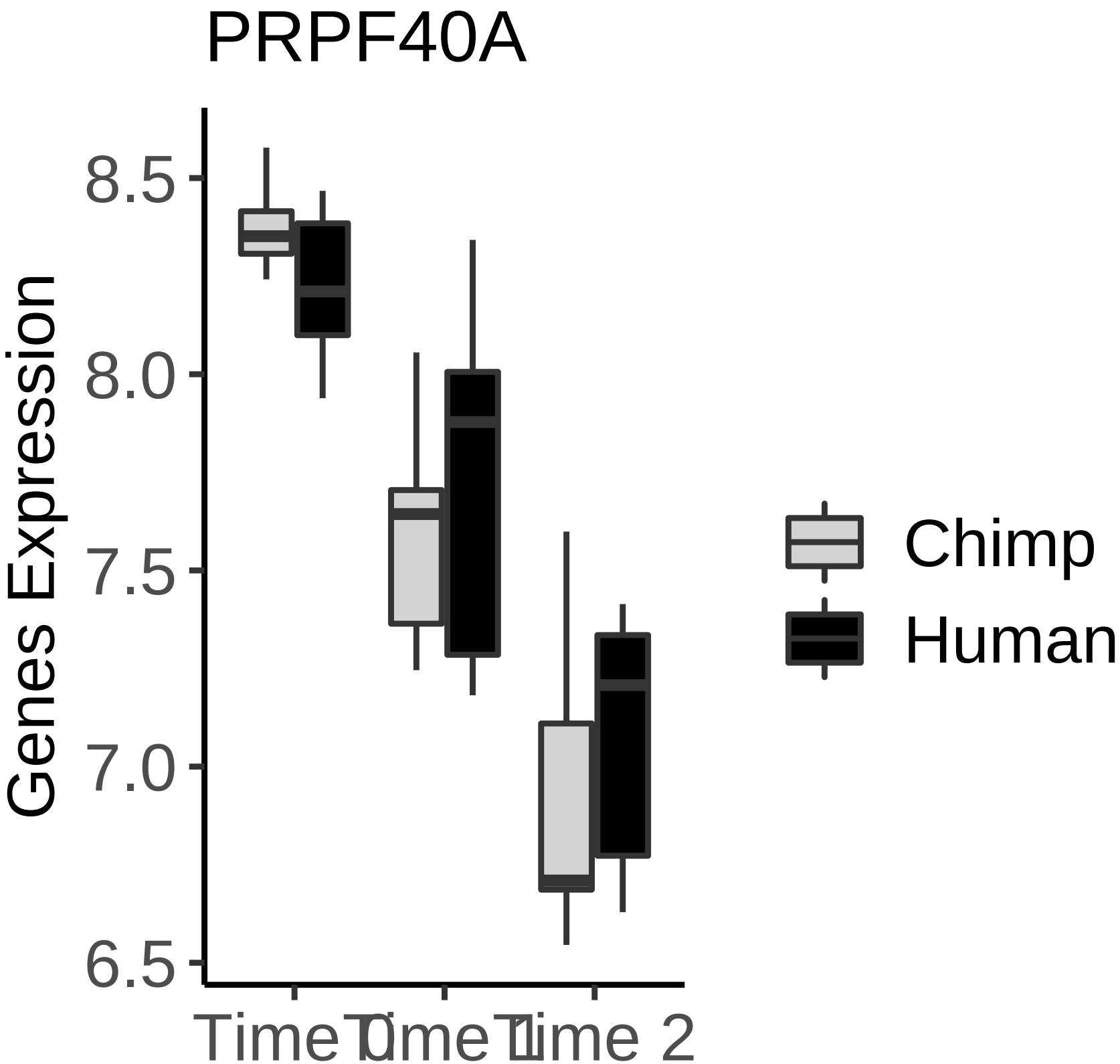
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7.0
6.5
Time 0
Time 1
Time 2
Chimp
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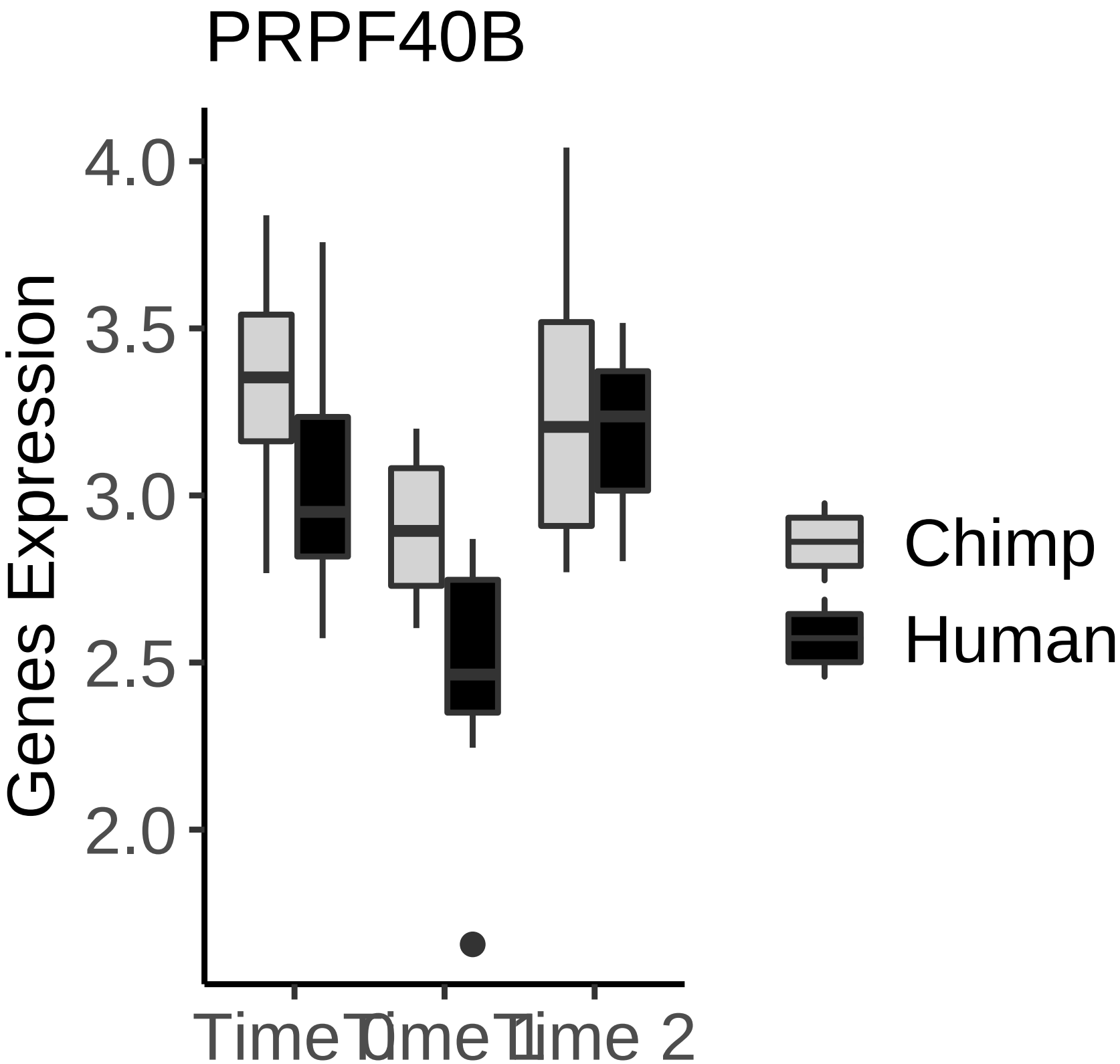
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2.0
Time 0
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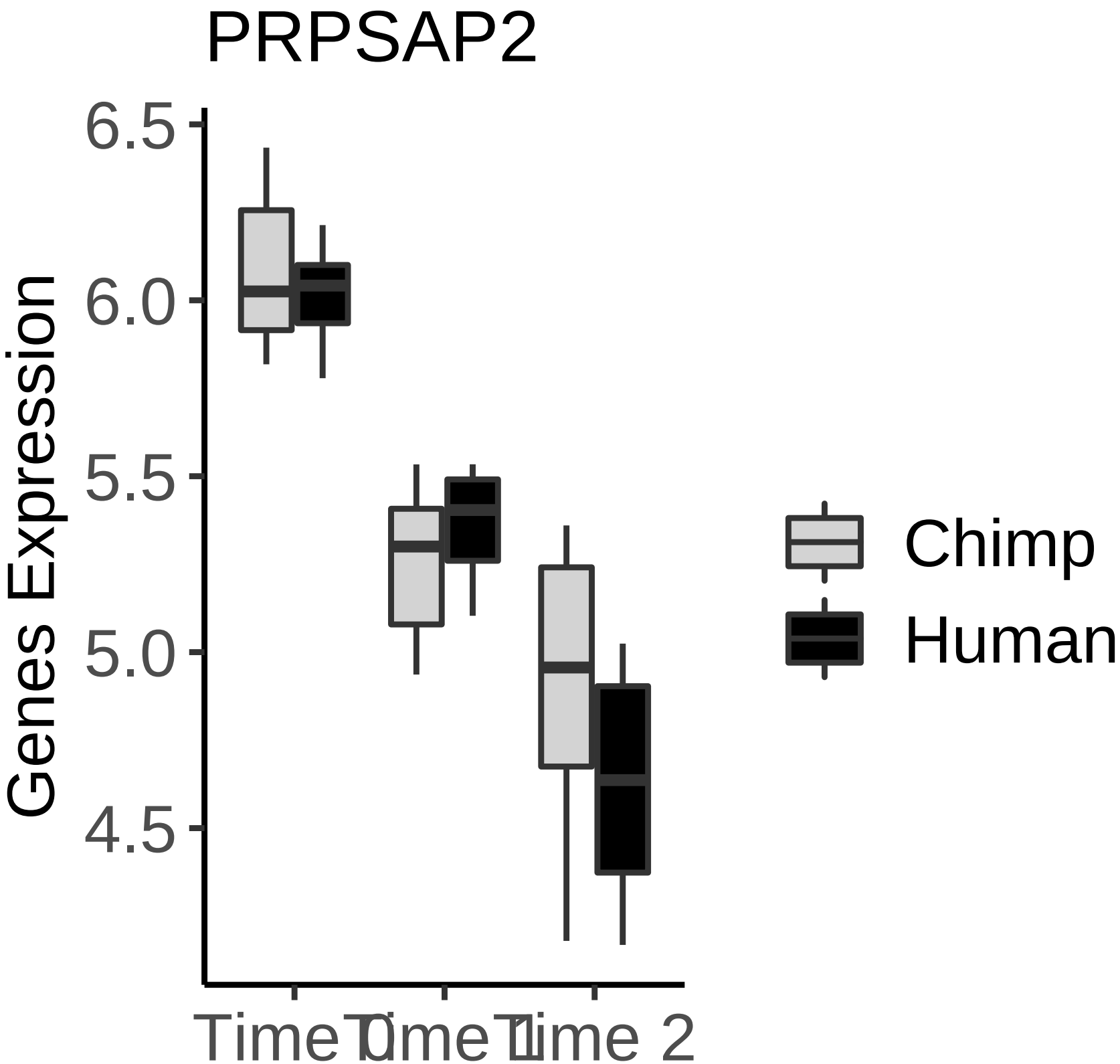
PRPSAP2
Genes Expression
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5.0
4.5
Time 0
Time 1
Time 2
Chimp
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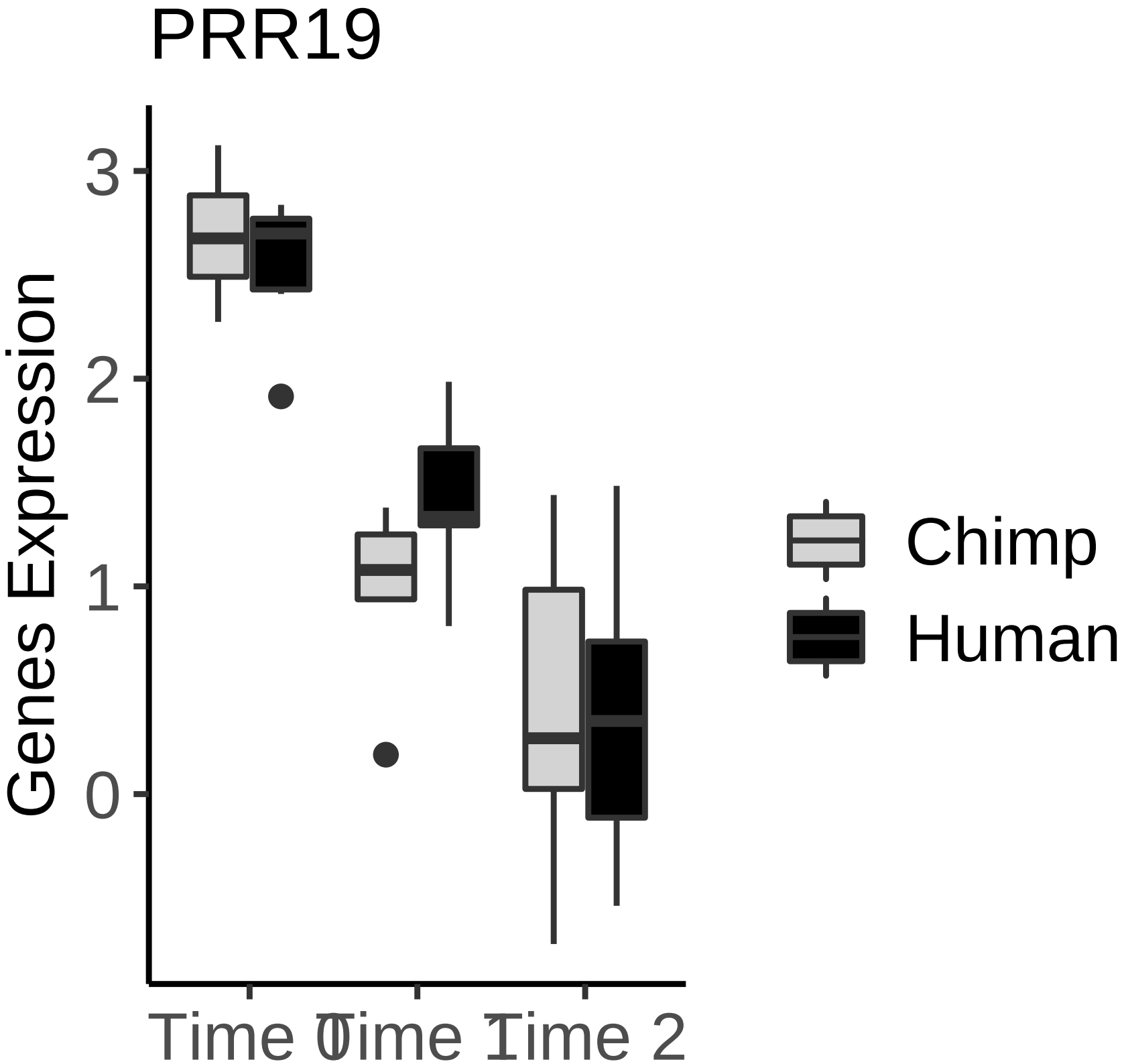
PRR19
Genes Expression
3
2
1
0
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Time 2
Chimp
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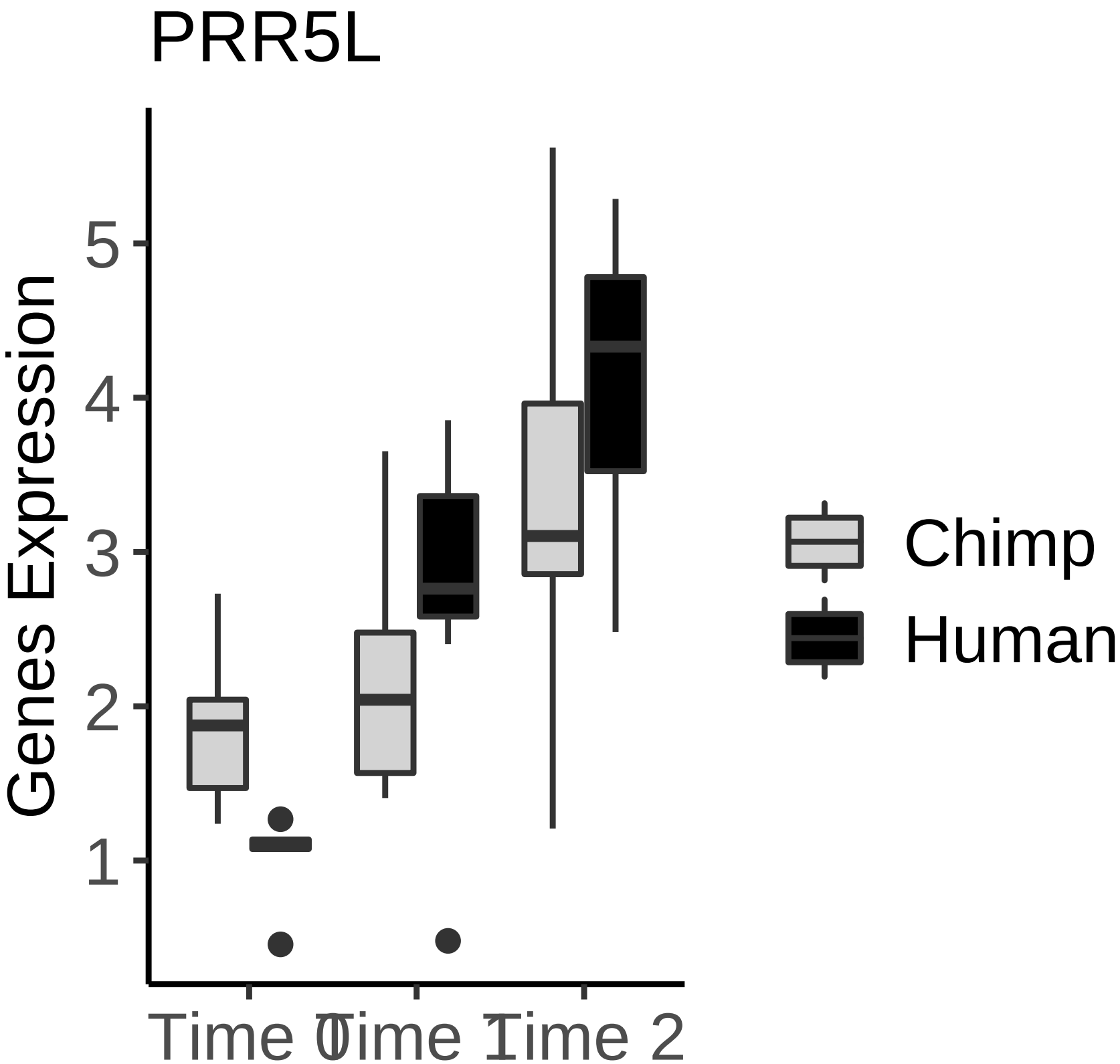
PRR5L
Genes Expression
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4
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2
1
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Time 1
Time 2
Chimp
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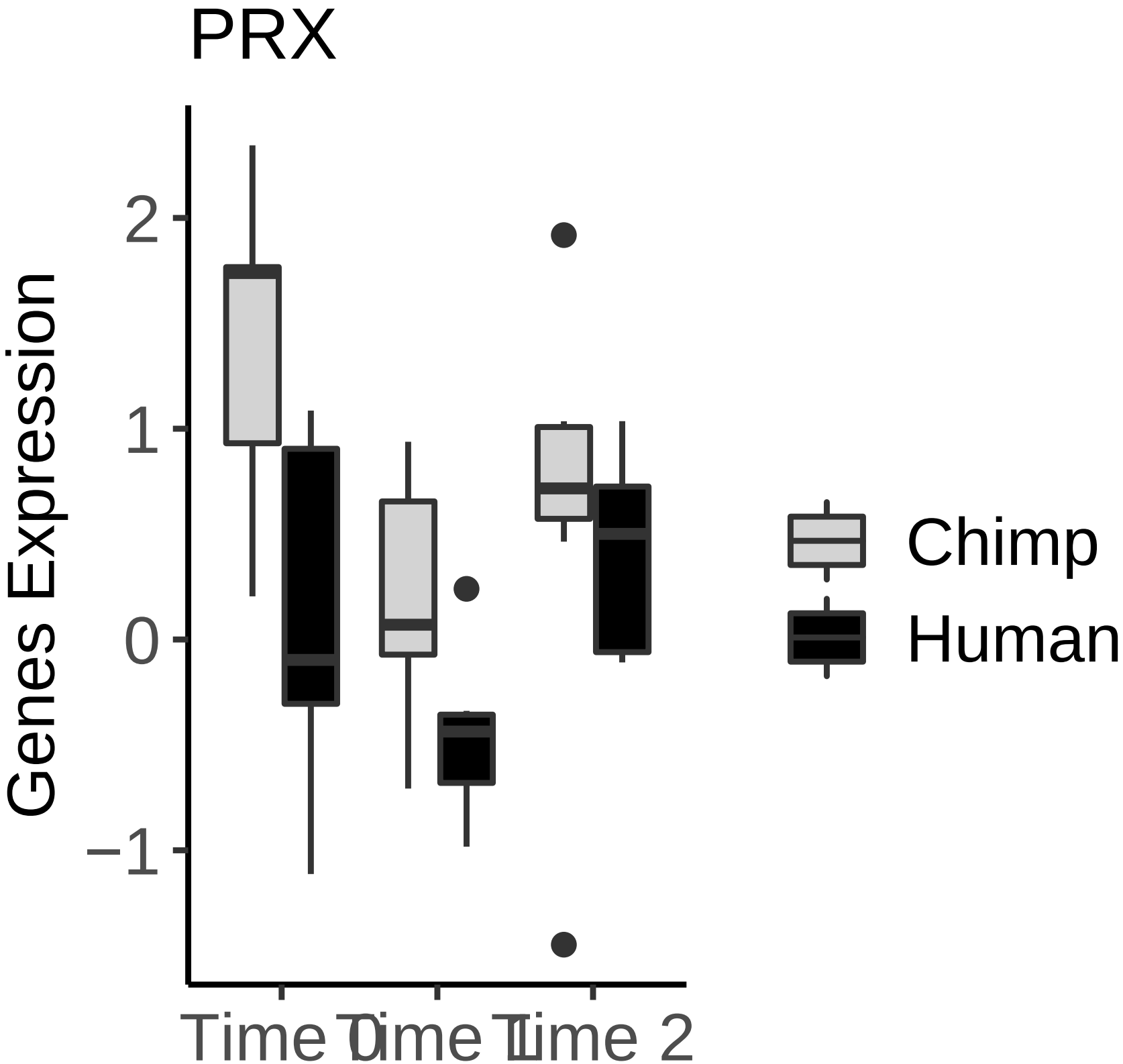
PRX
Genes Expression
2
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Chimp
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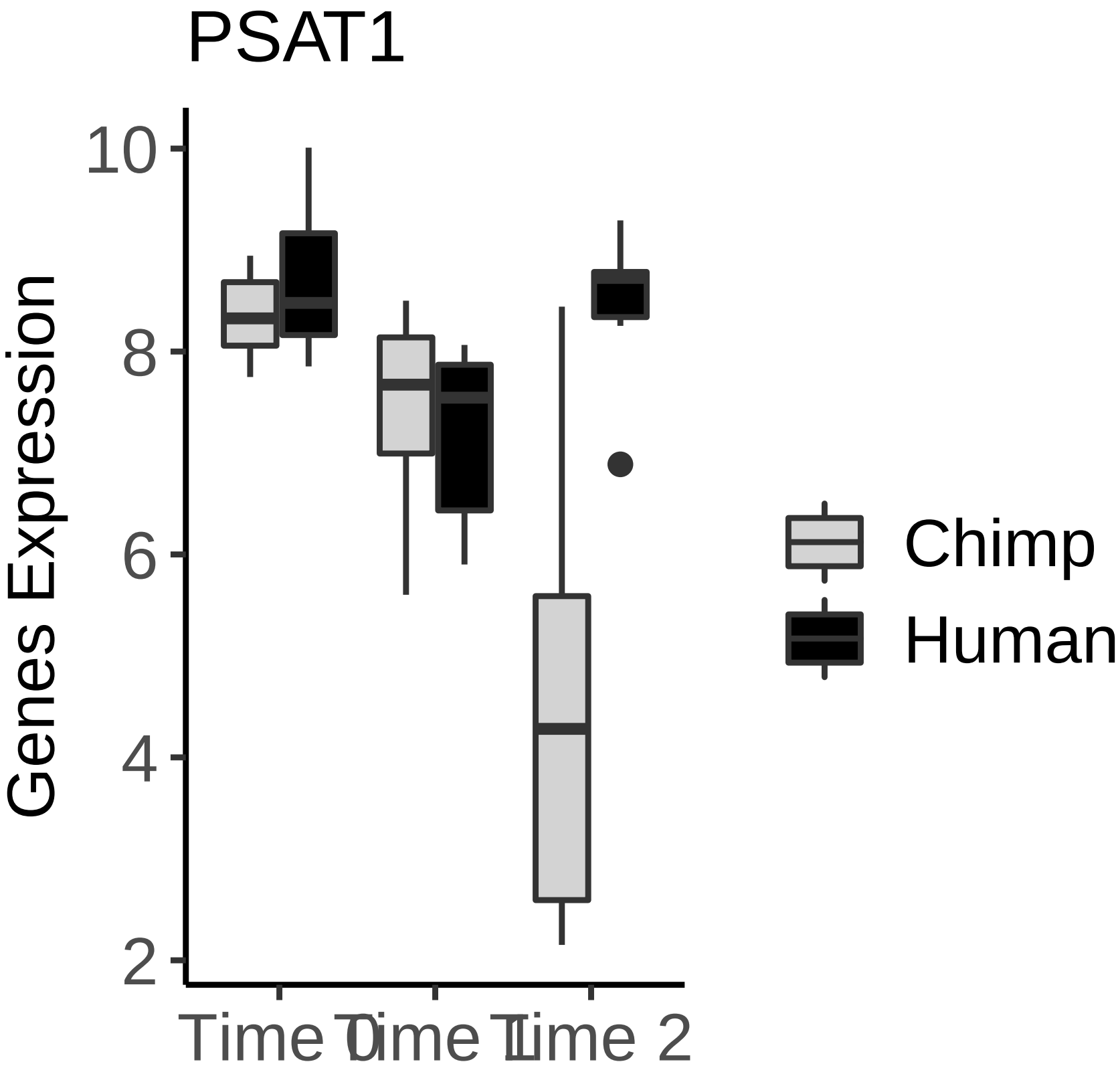
PSAT1
Genes Expression
10
8
6
4
2
Time 0
Time 1
Time 2
Chimp
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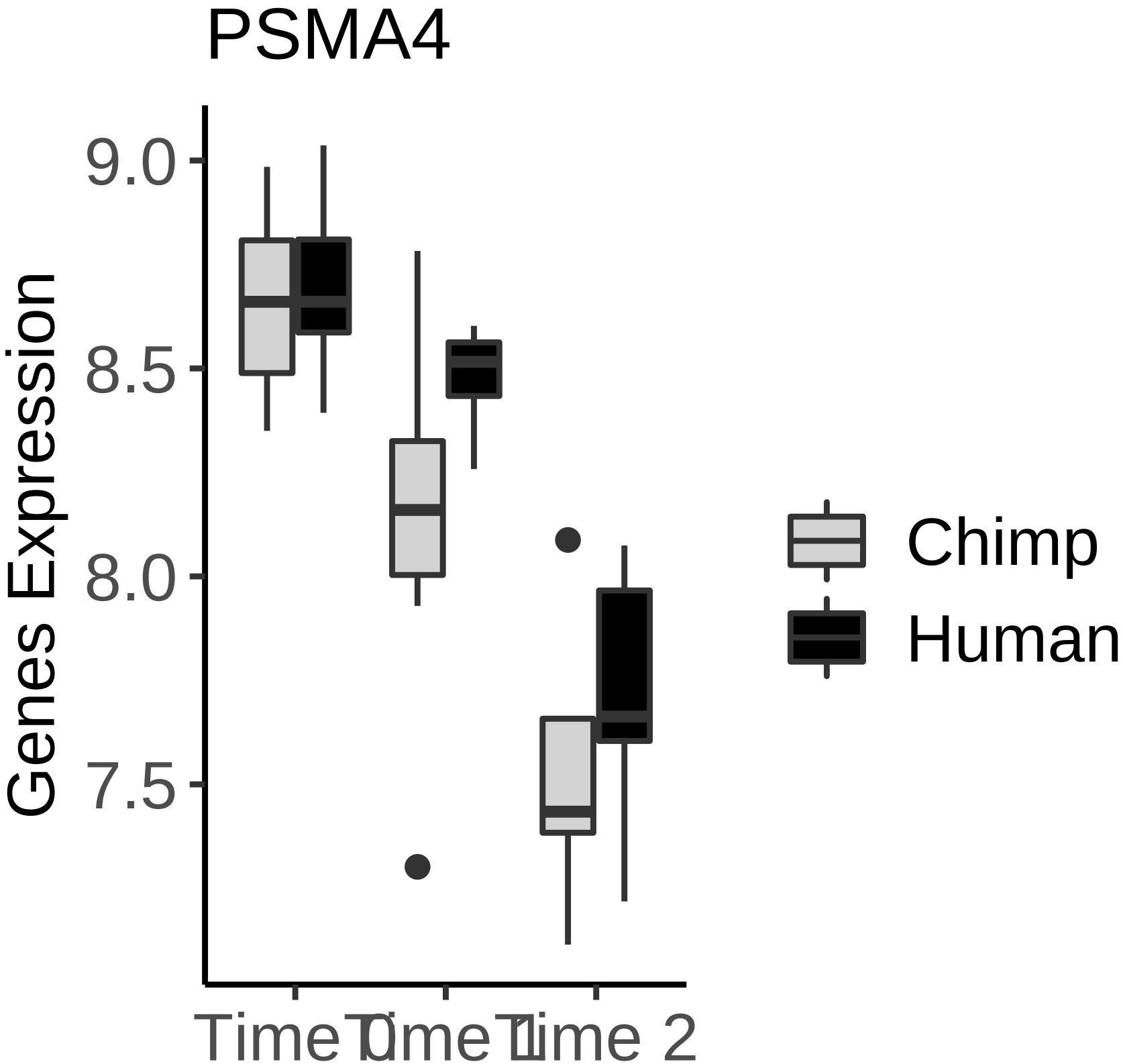
PSMA4
Genes Expression
9.0
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7.5
Time 0
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Time 2
Chimp
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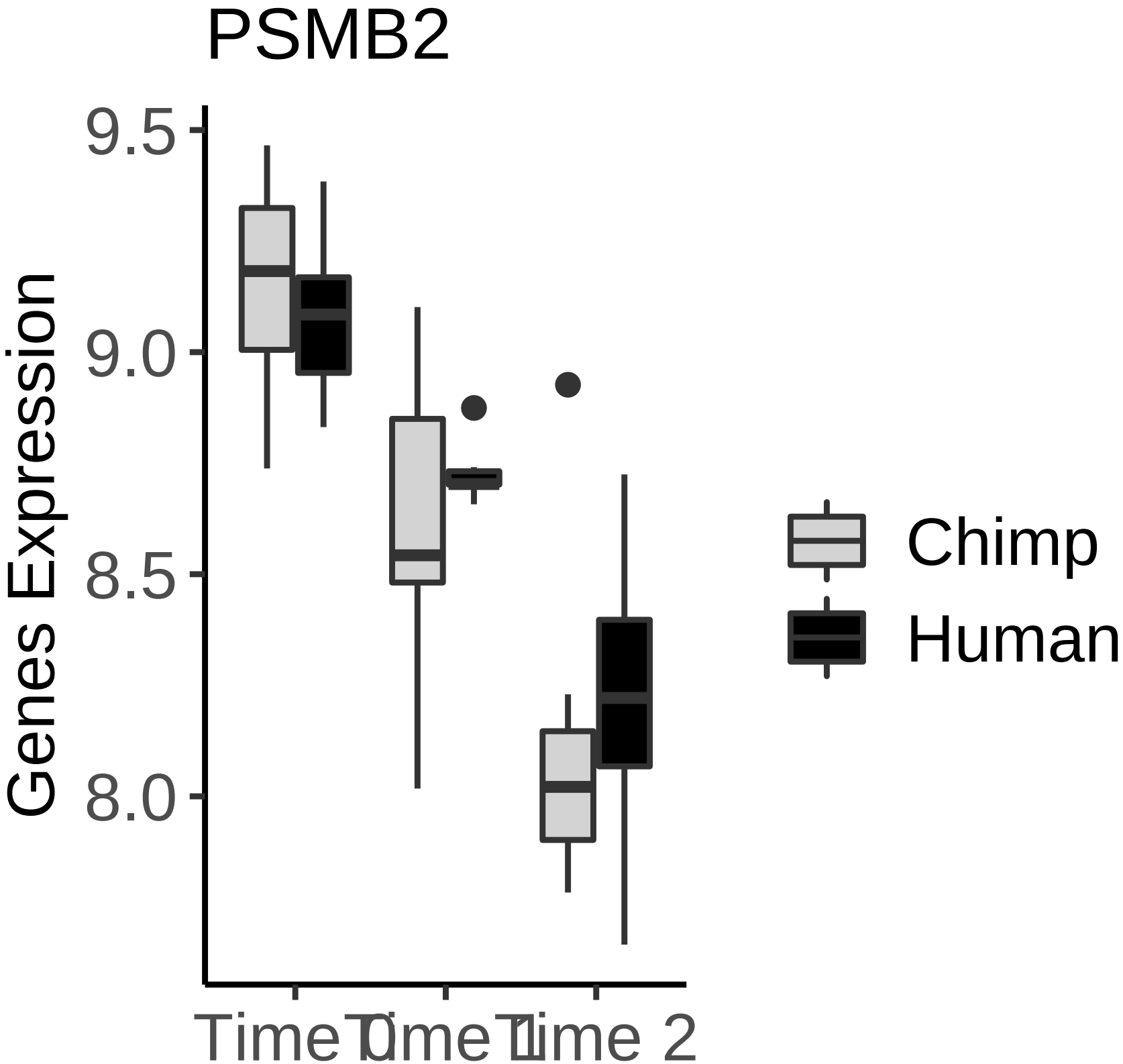
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Genes Expression
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8.0
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Time 2
Chimp
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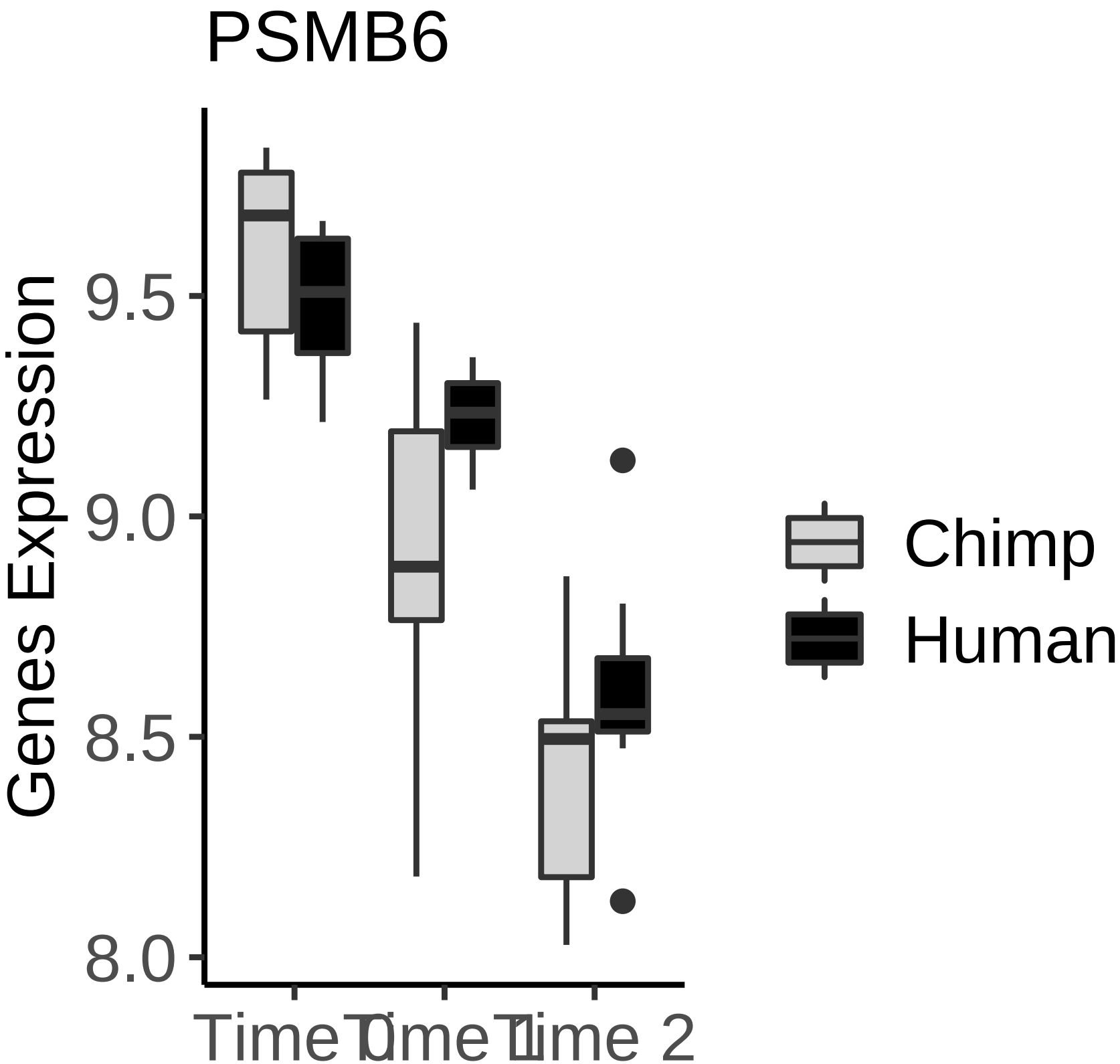
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Time 2
Chimp
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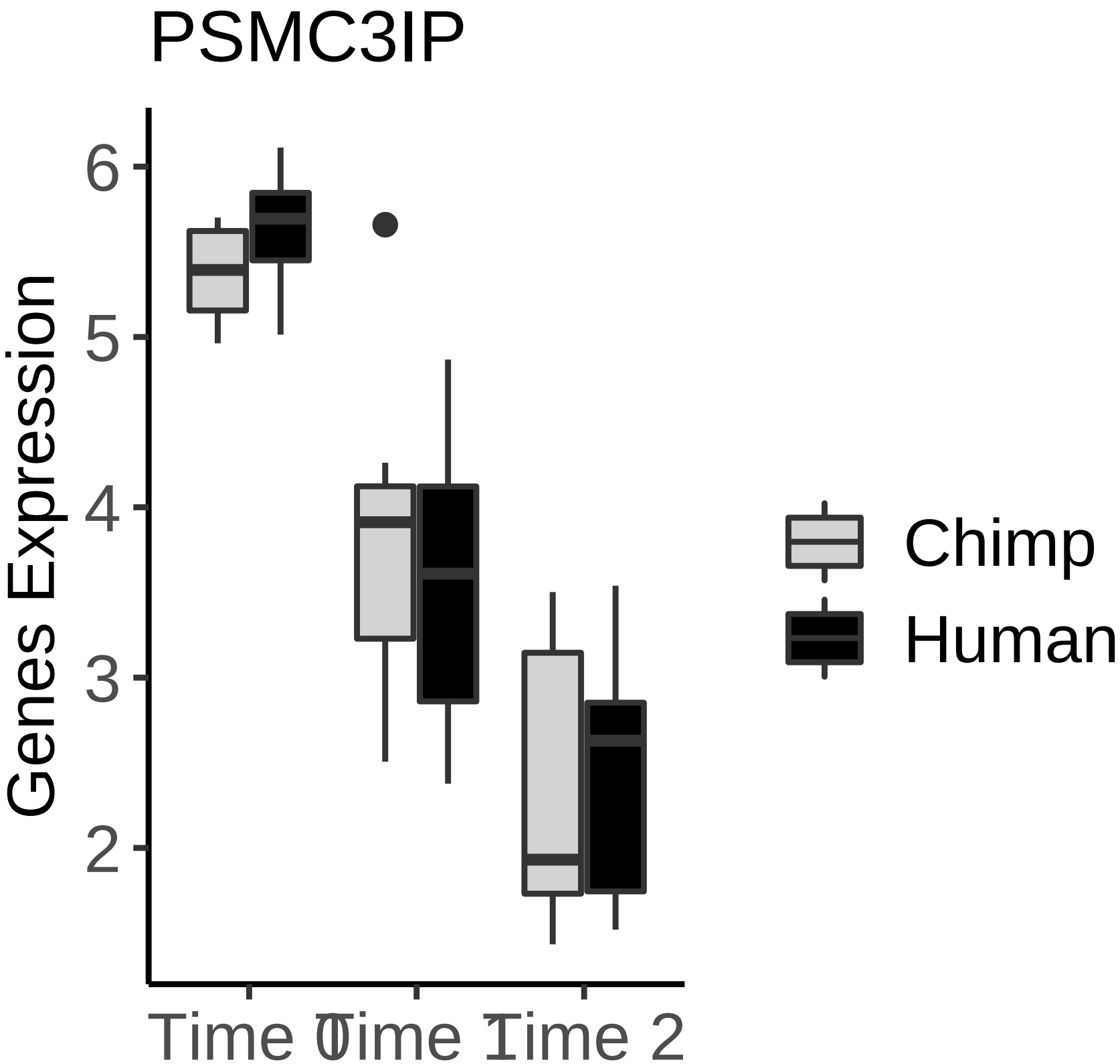
PSMC3IP
Genes Expression
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Time 2
Chimp
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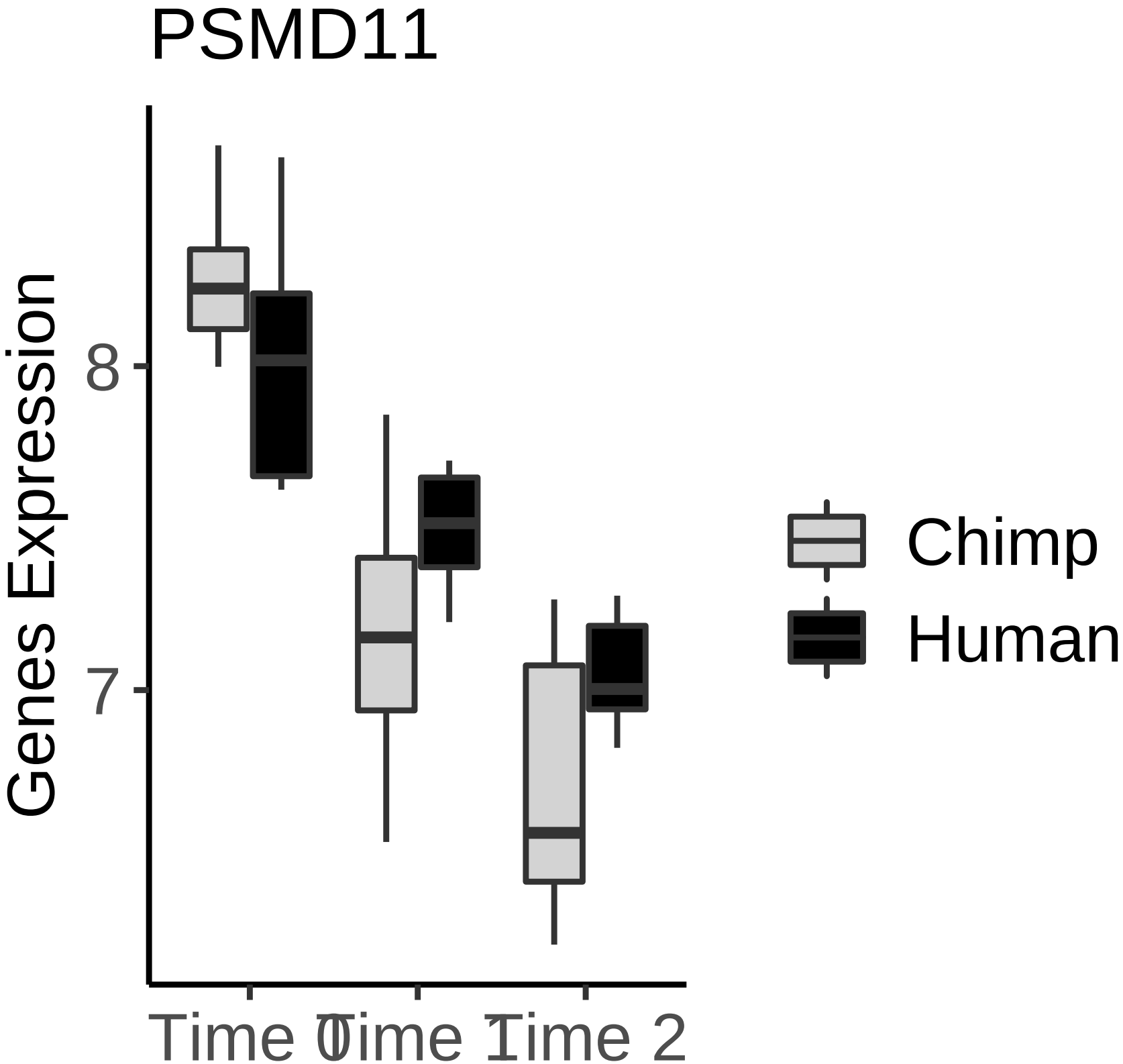
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Chimp
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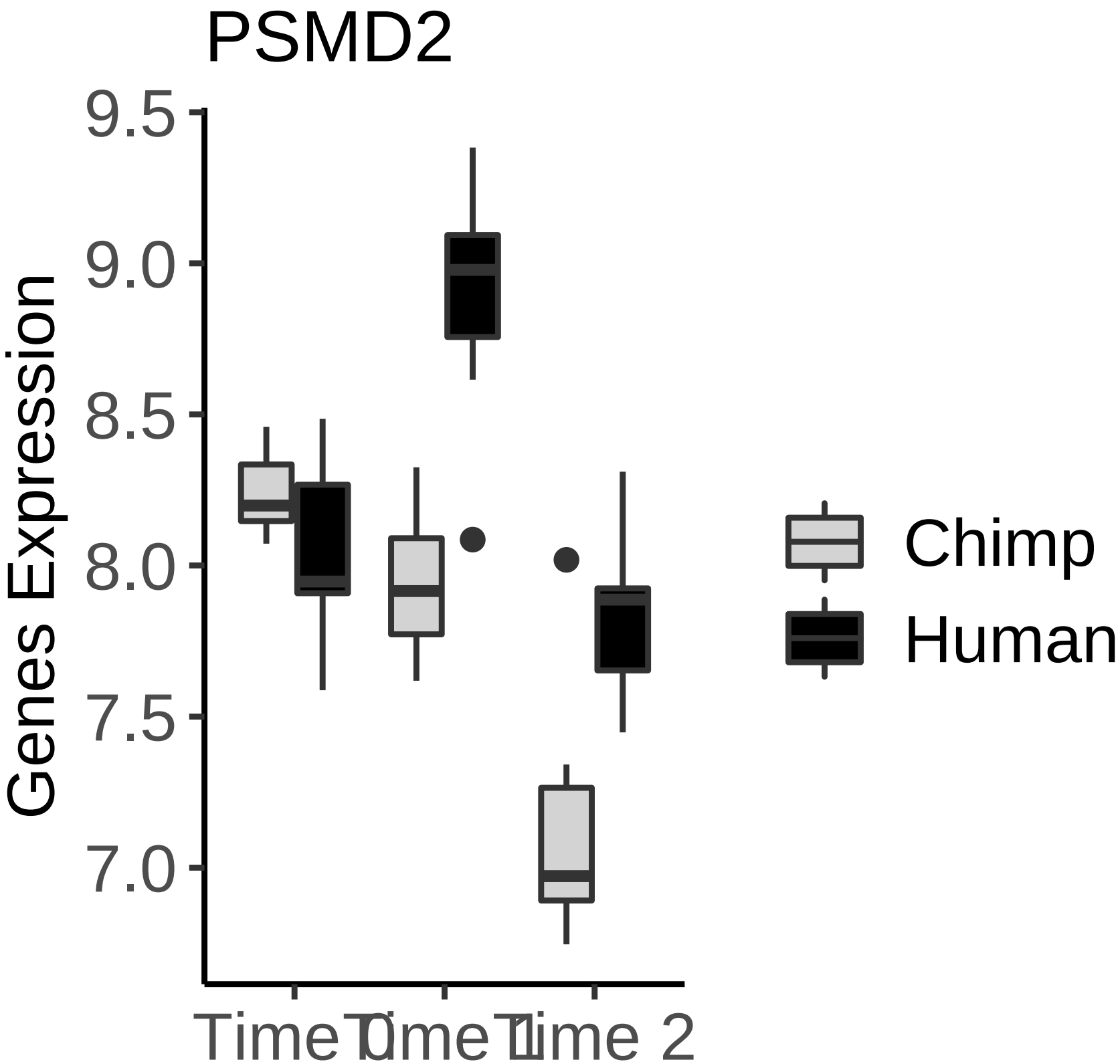
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7.0
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Time 2
Chimp
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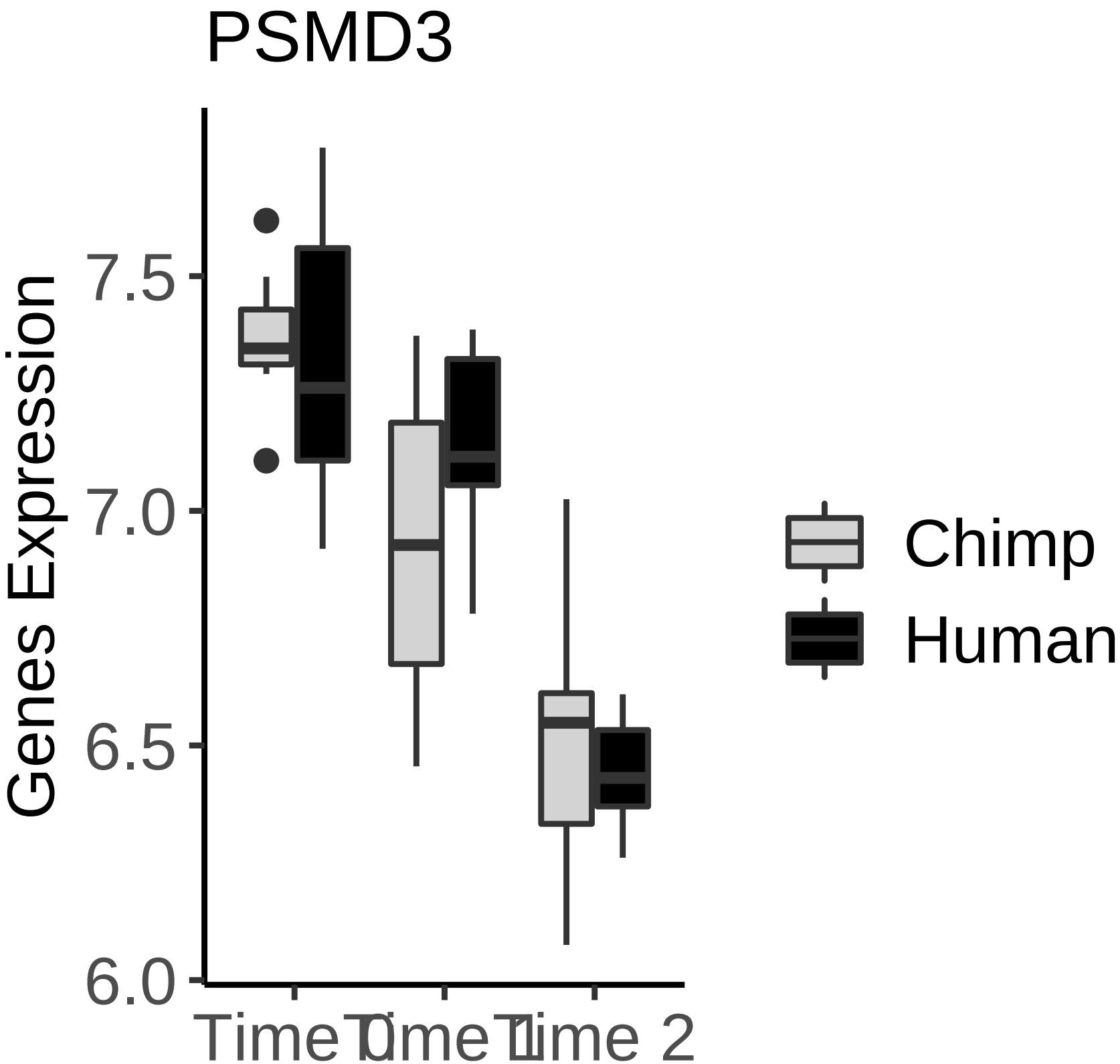
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Time 2
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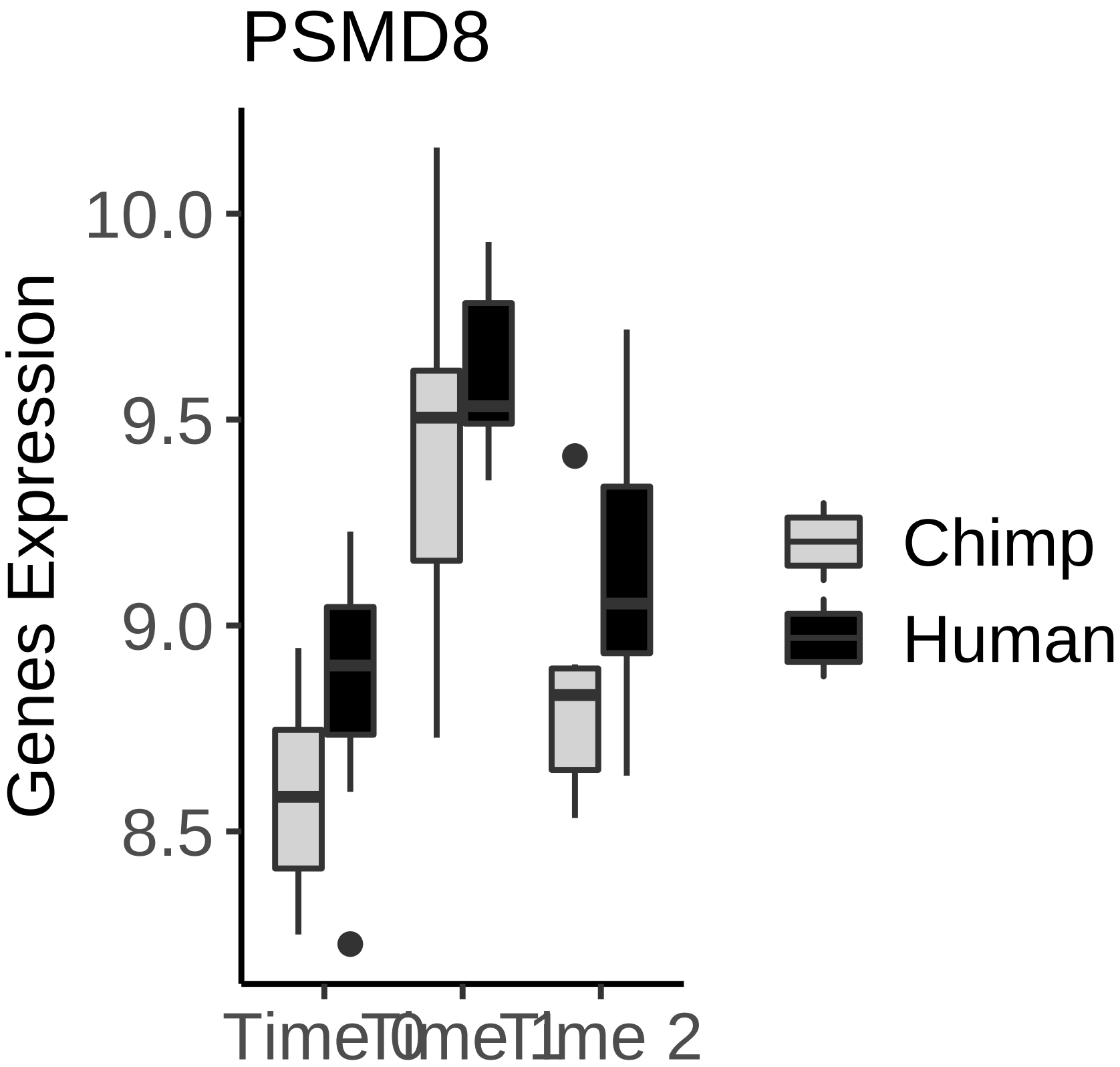
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Time 2
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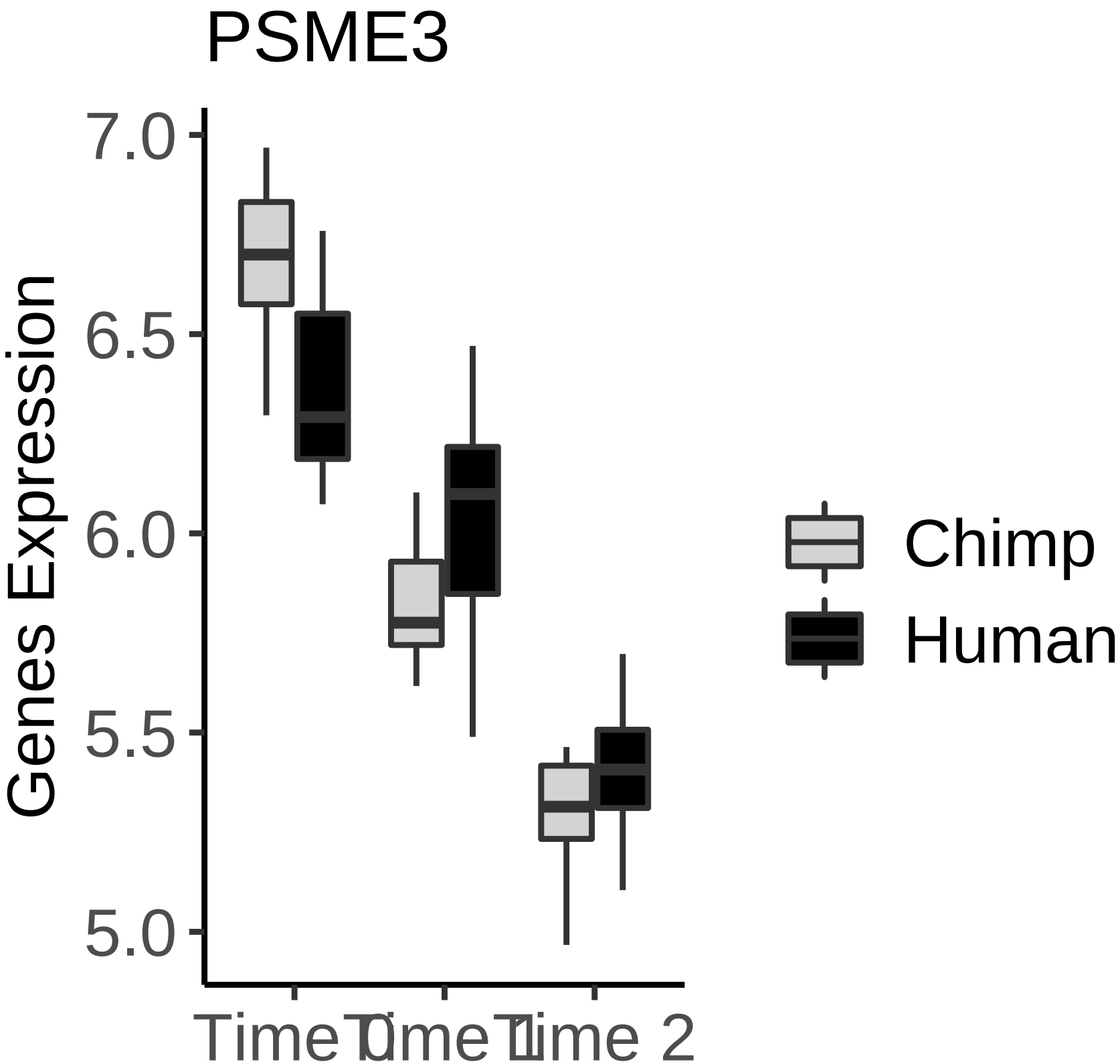
Human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Time 2
Chimp
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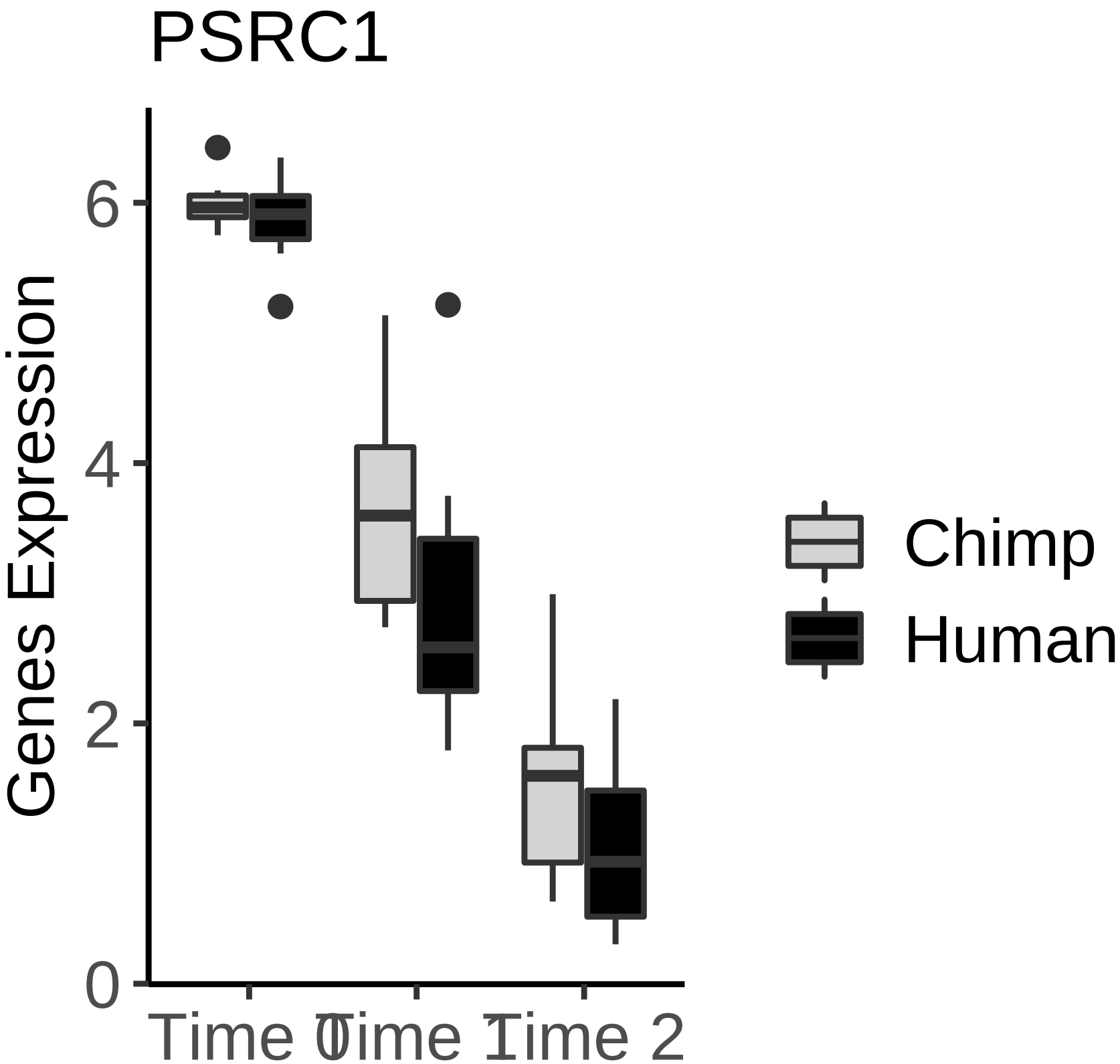
PSRC1
Genes Expression
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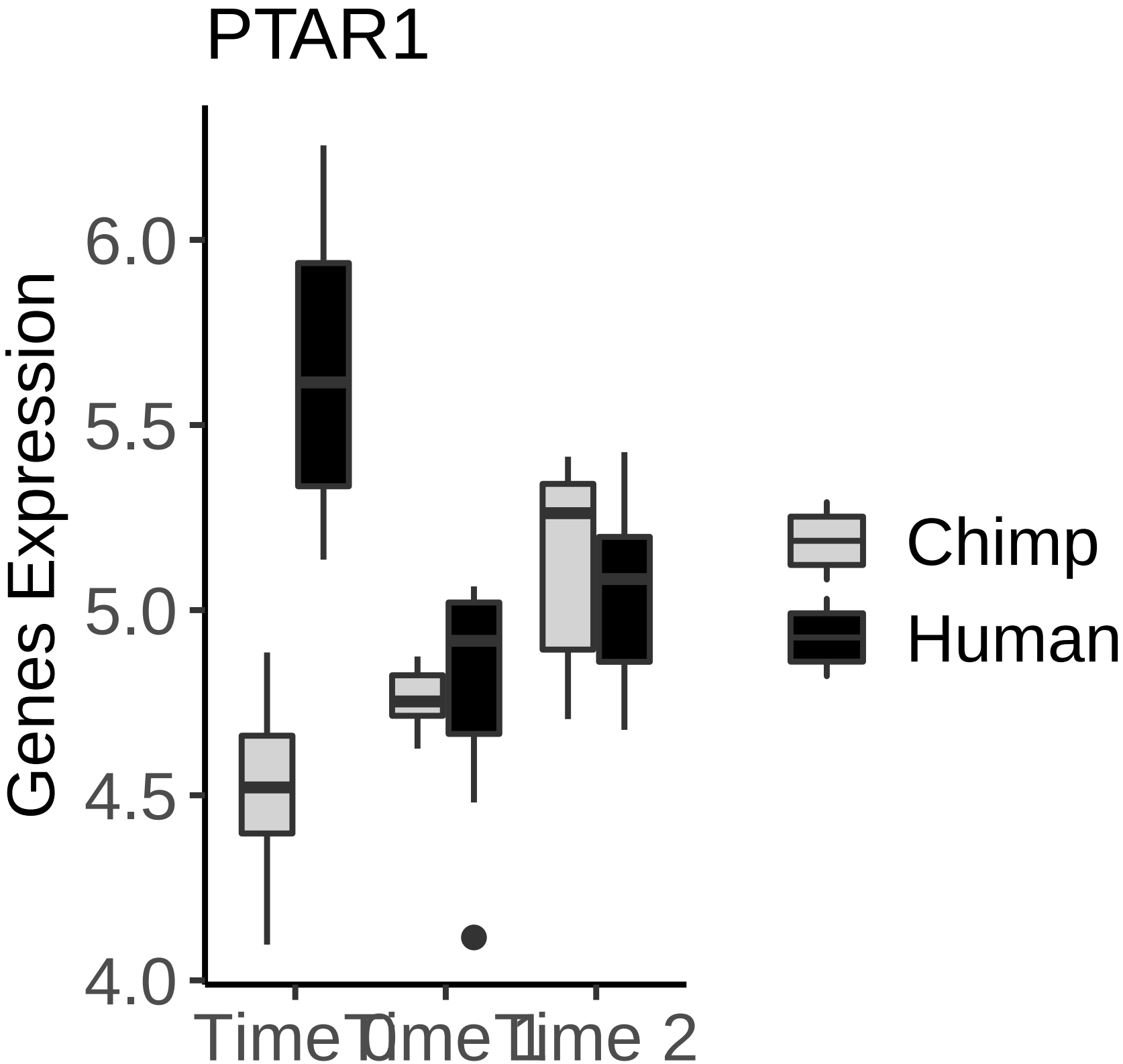
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4.0
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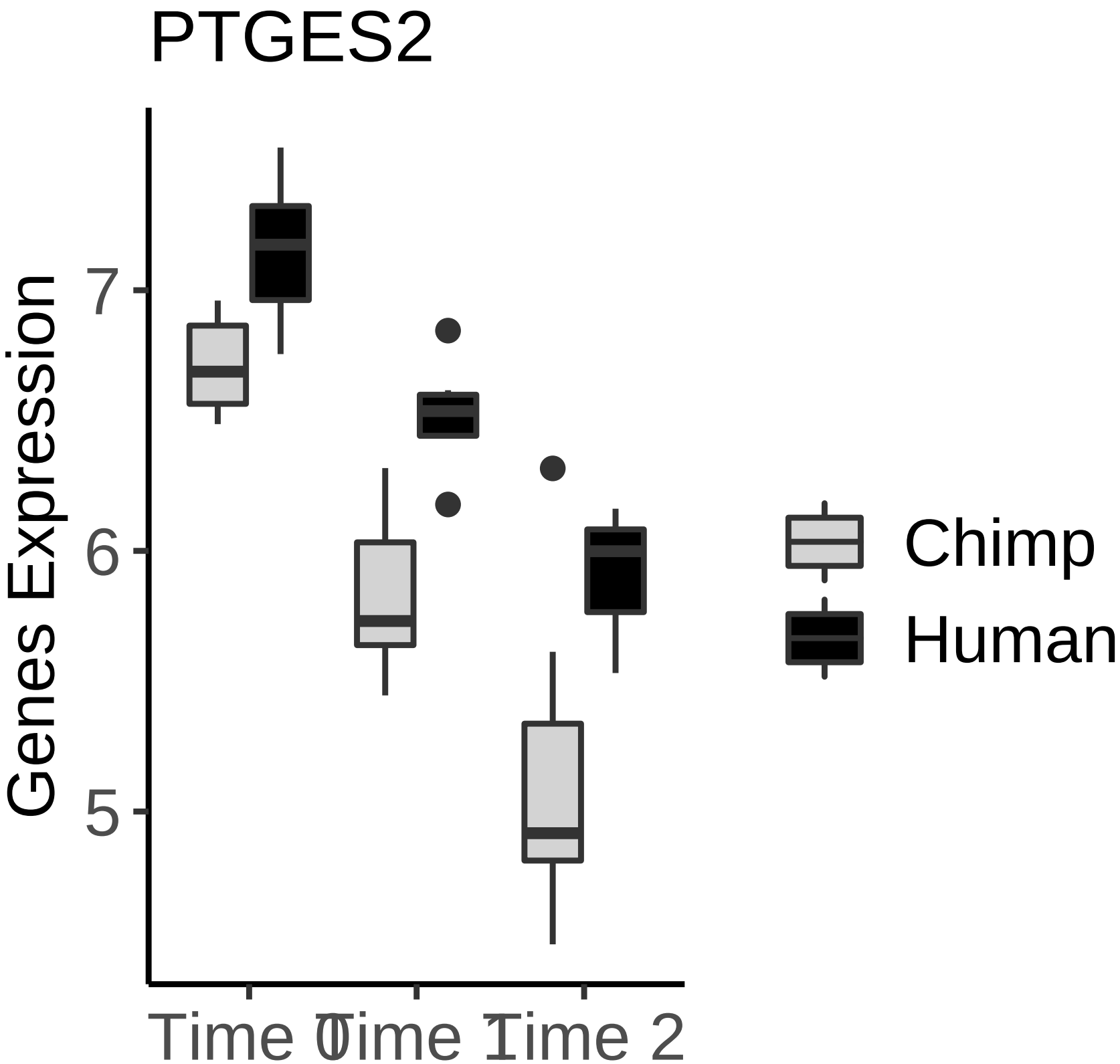
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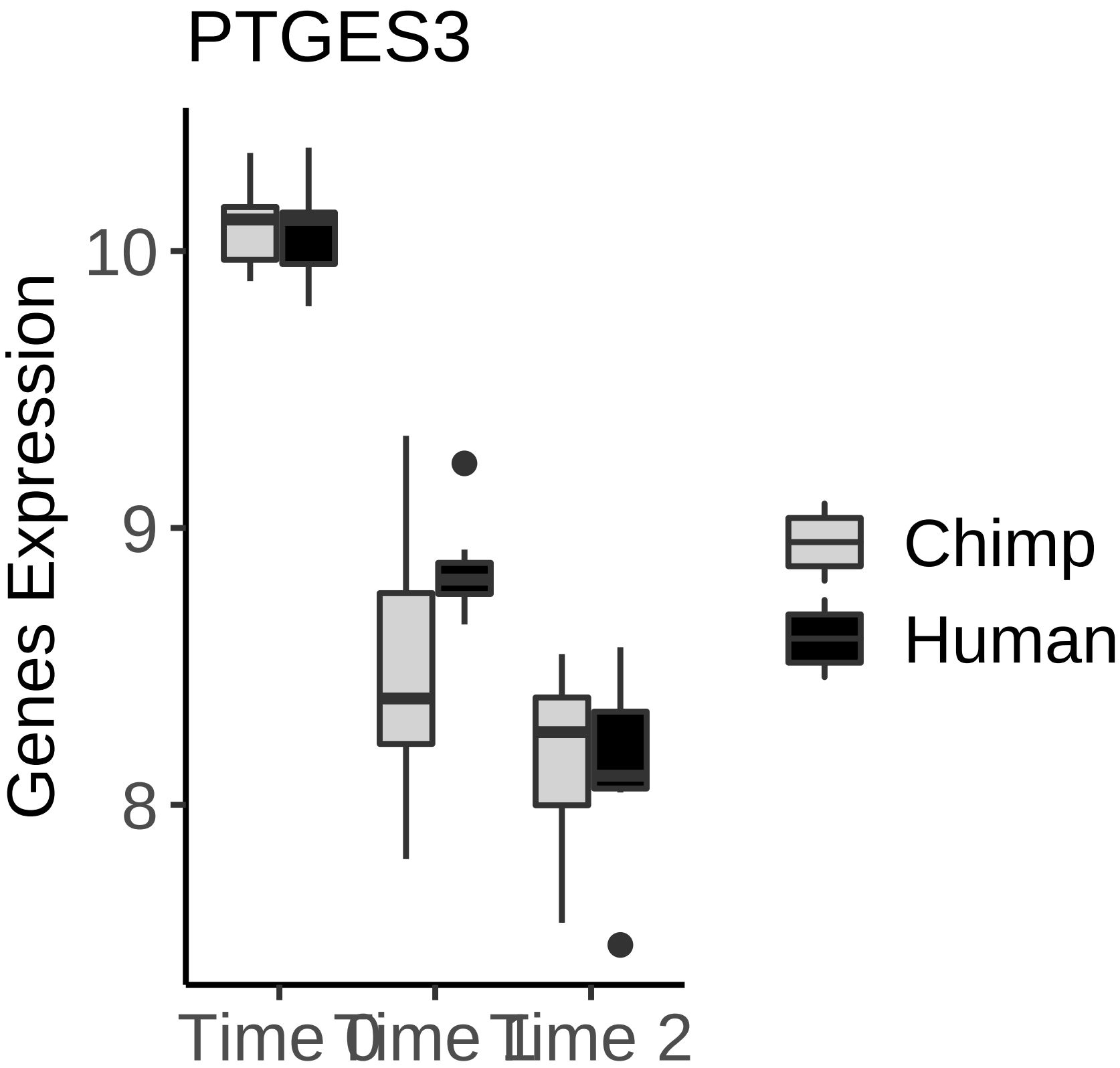
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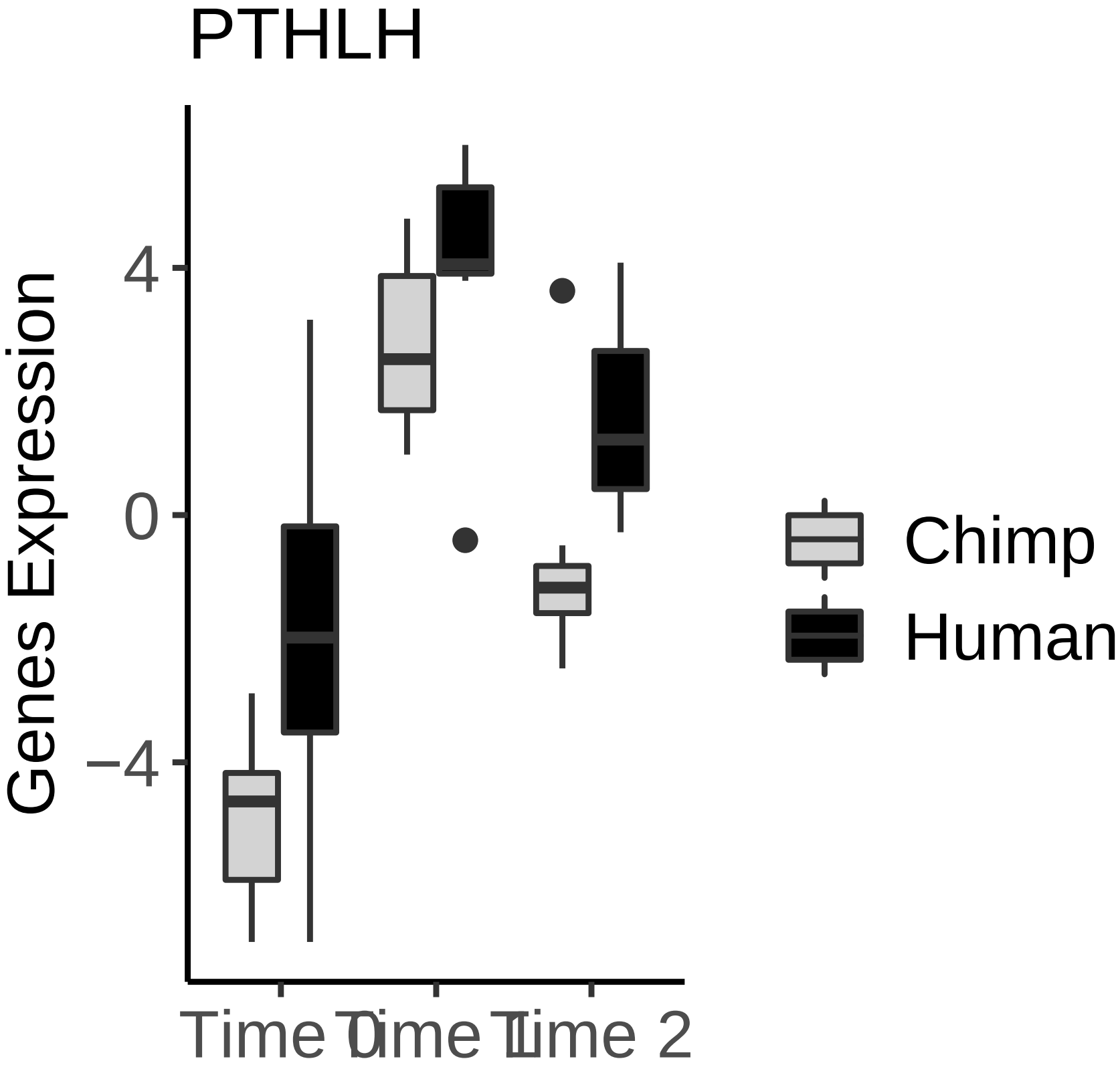
PTHLH
Genes Expression
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Time 2
Chimp
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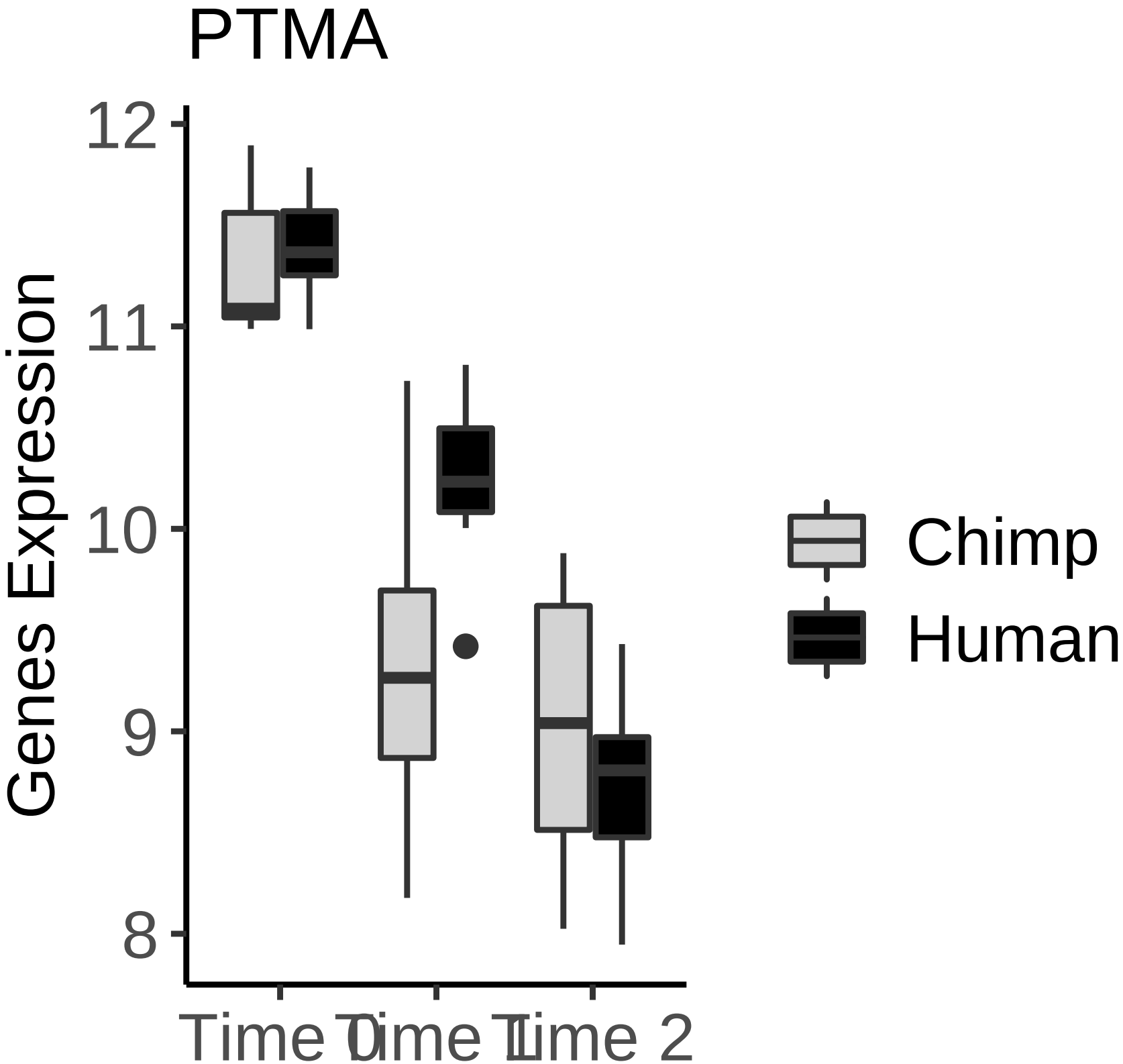
PTMA
Genes Expression
12
11
10
9
8
Time 0
Time 1
Time 2
Chimp
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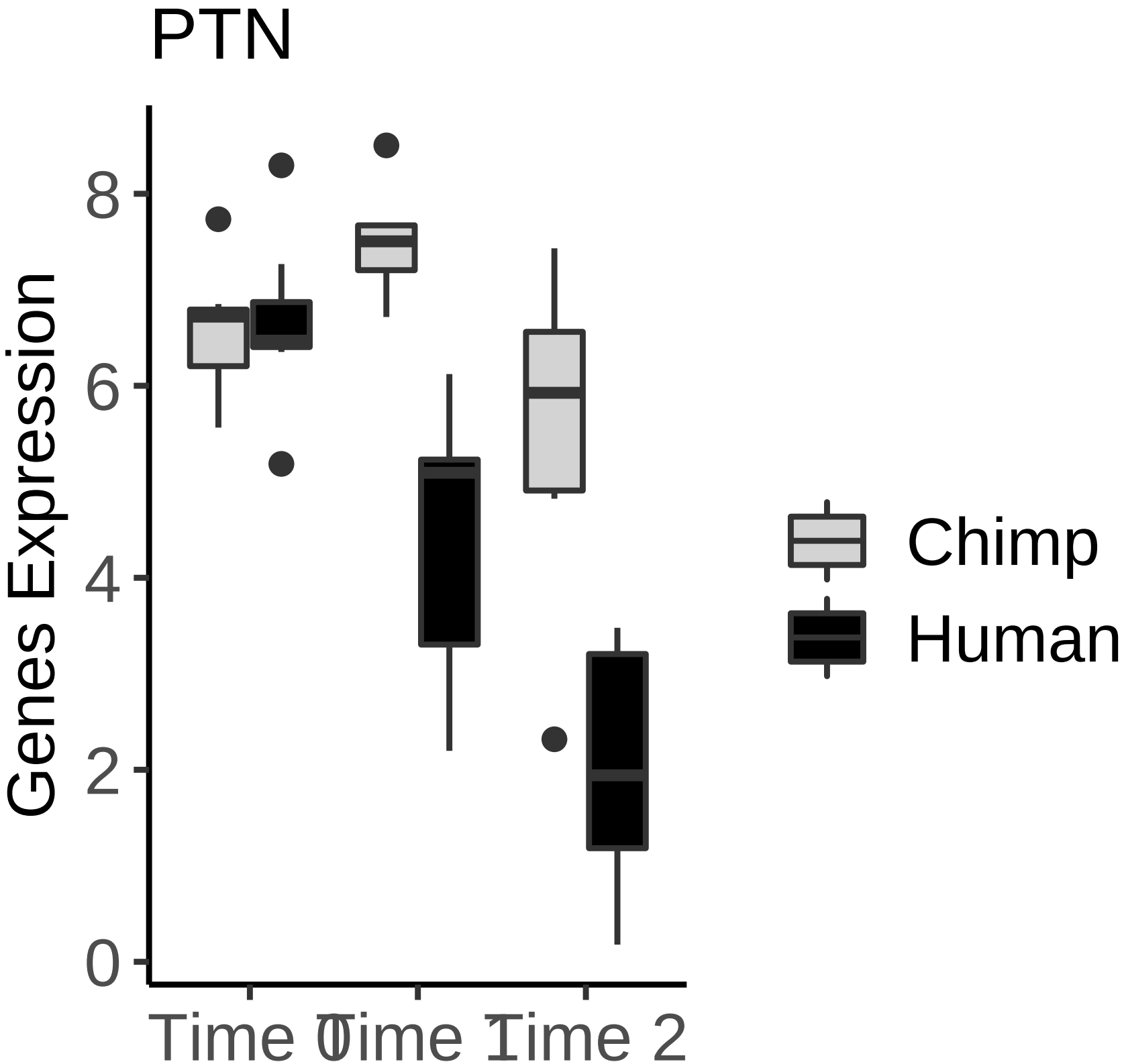
PTN
Genes Expression
0
2
4
6
8
Time 0
Time 1
Time 2
Chimp
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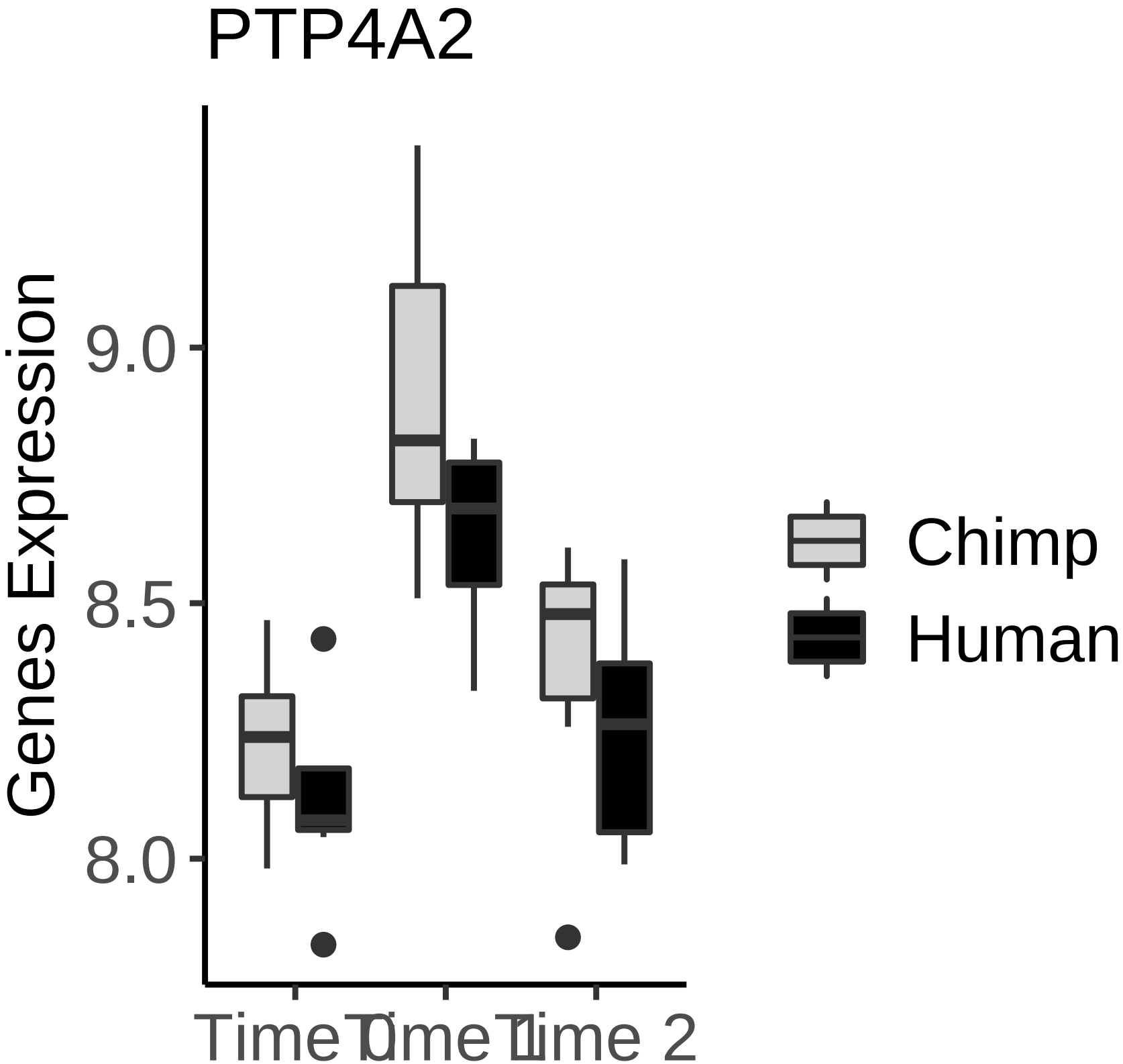
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Time 2
Chimp
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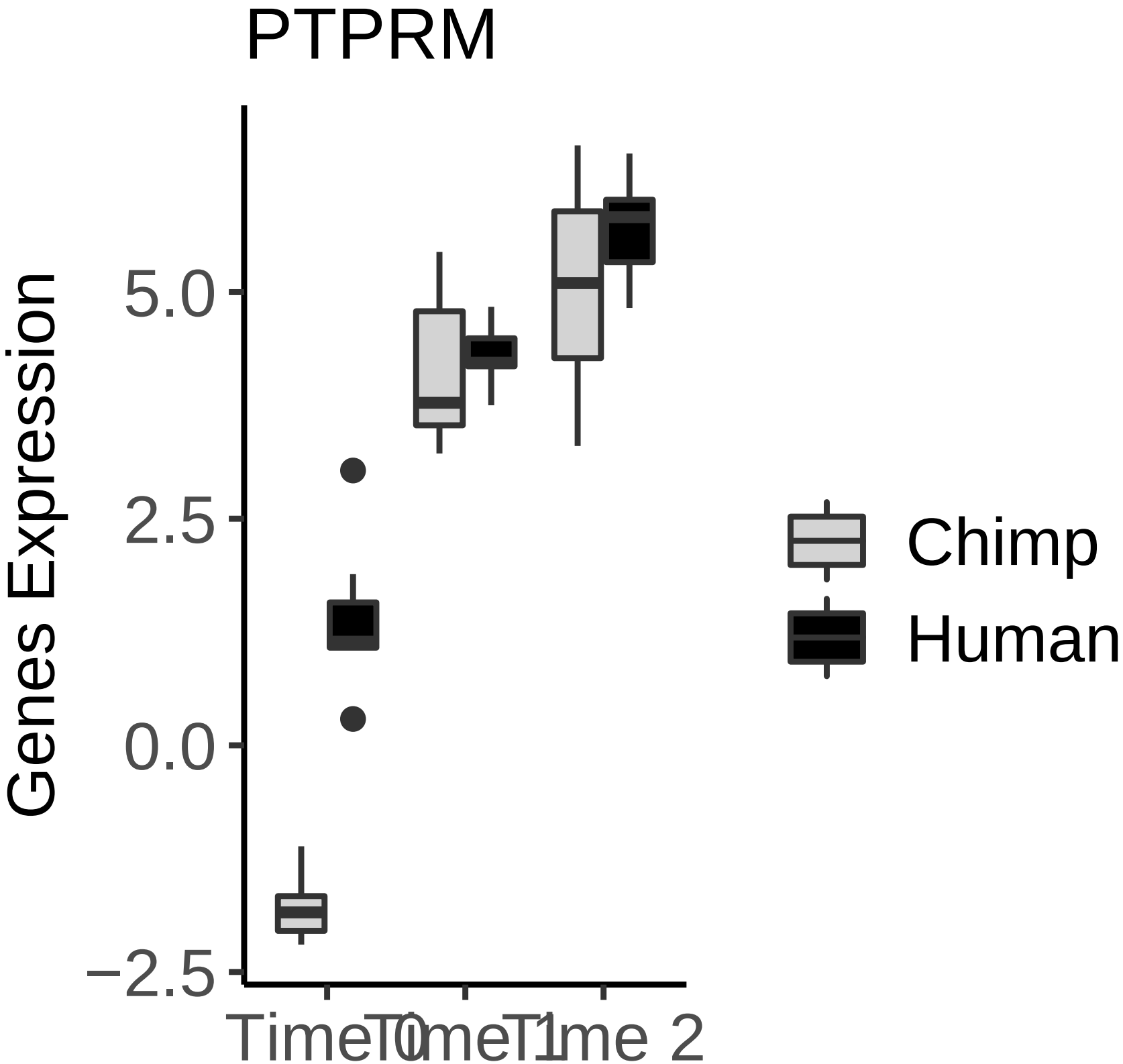
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Time 2
Chimp
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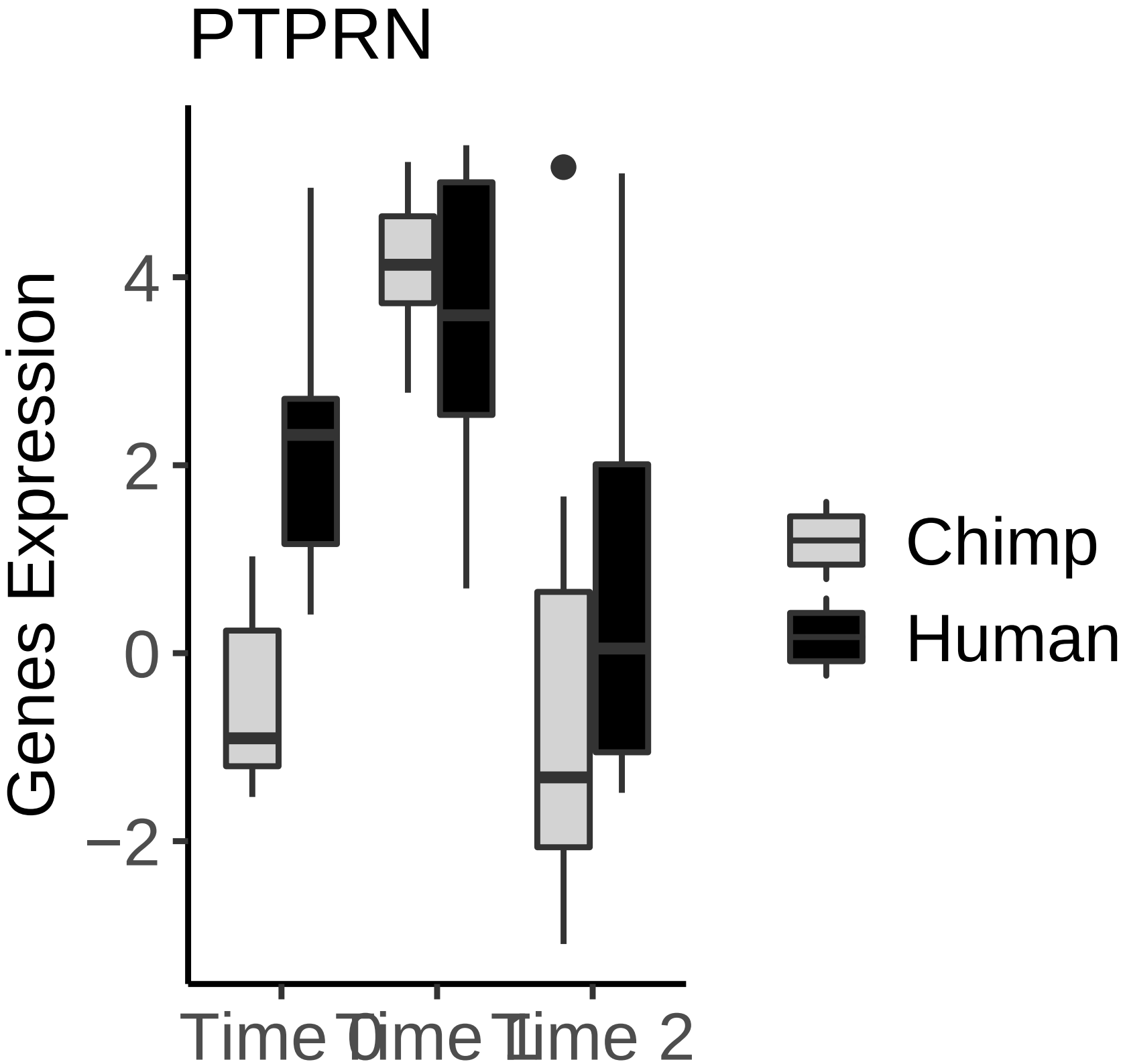
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Time 2
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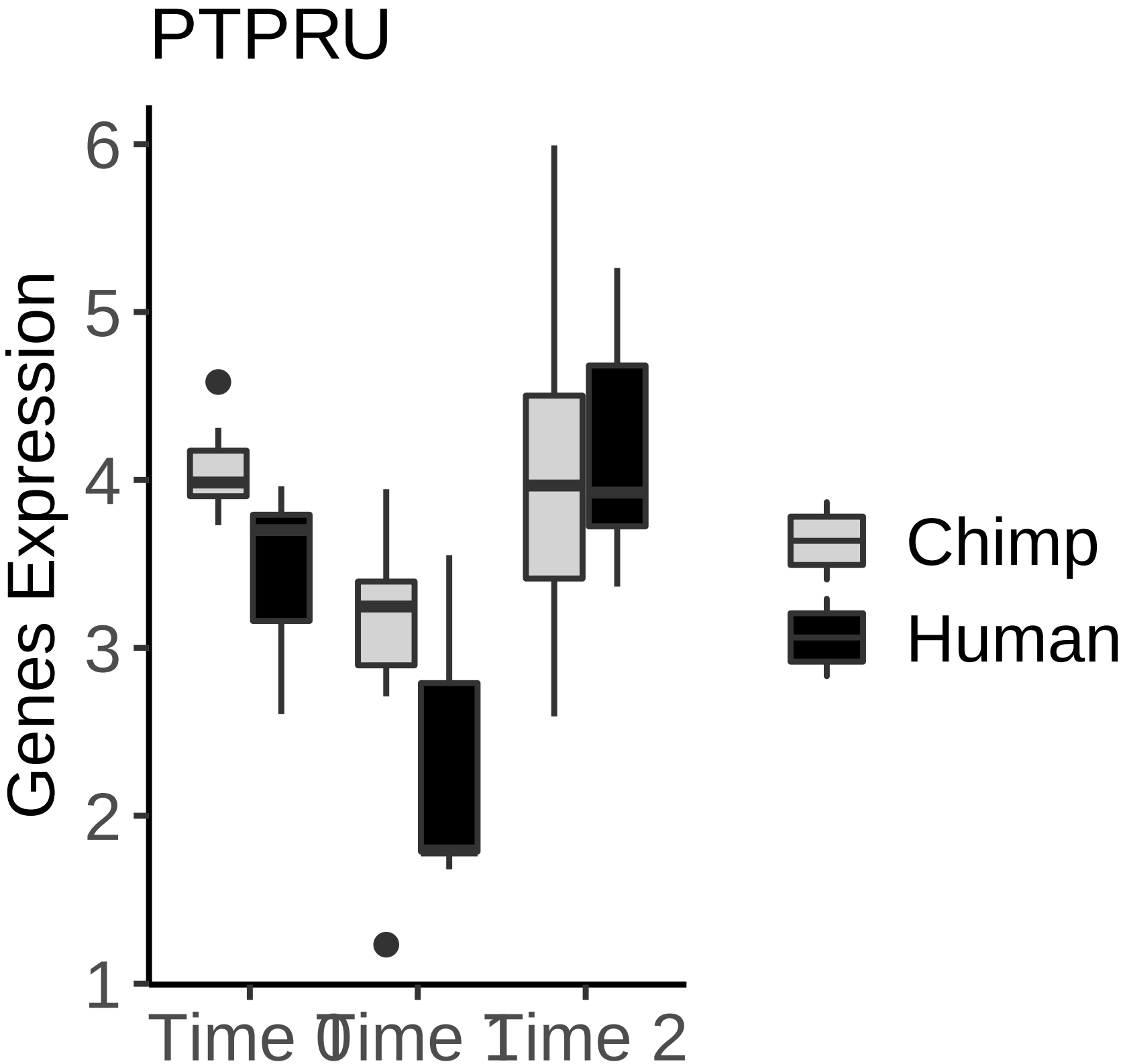
PTPRU
Genes Expression
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5
4
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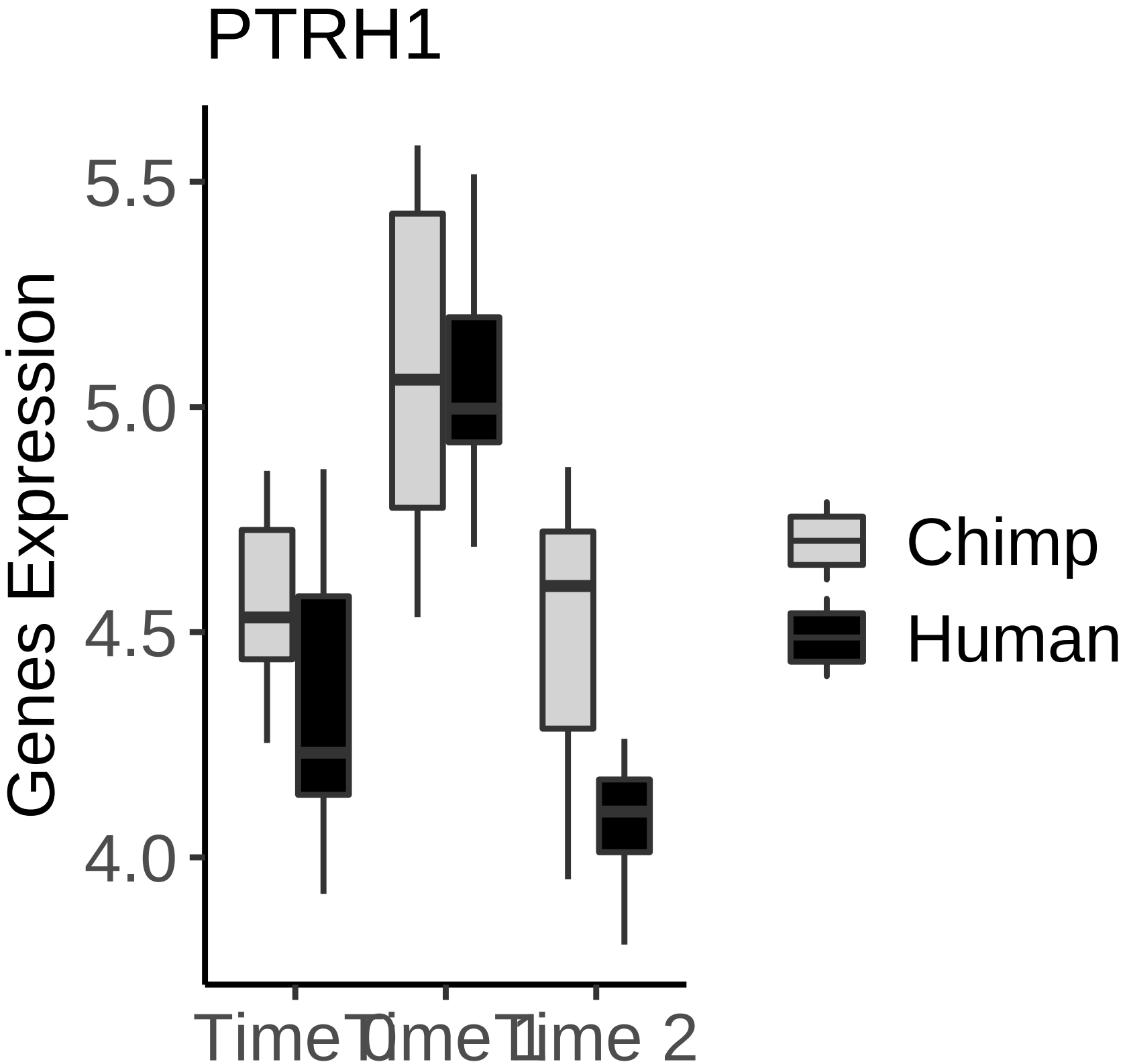
Time 0
Time 1
Time 2
Chimp
Human


PTRH1
Genes Expression
5.5
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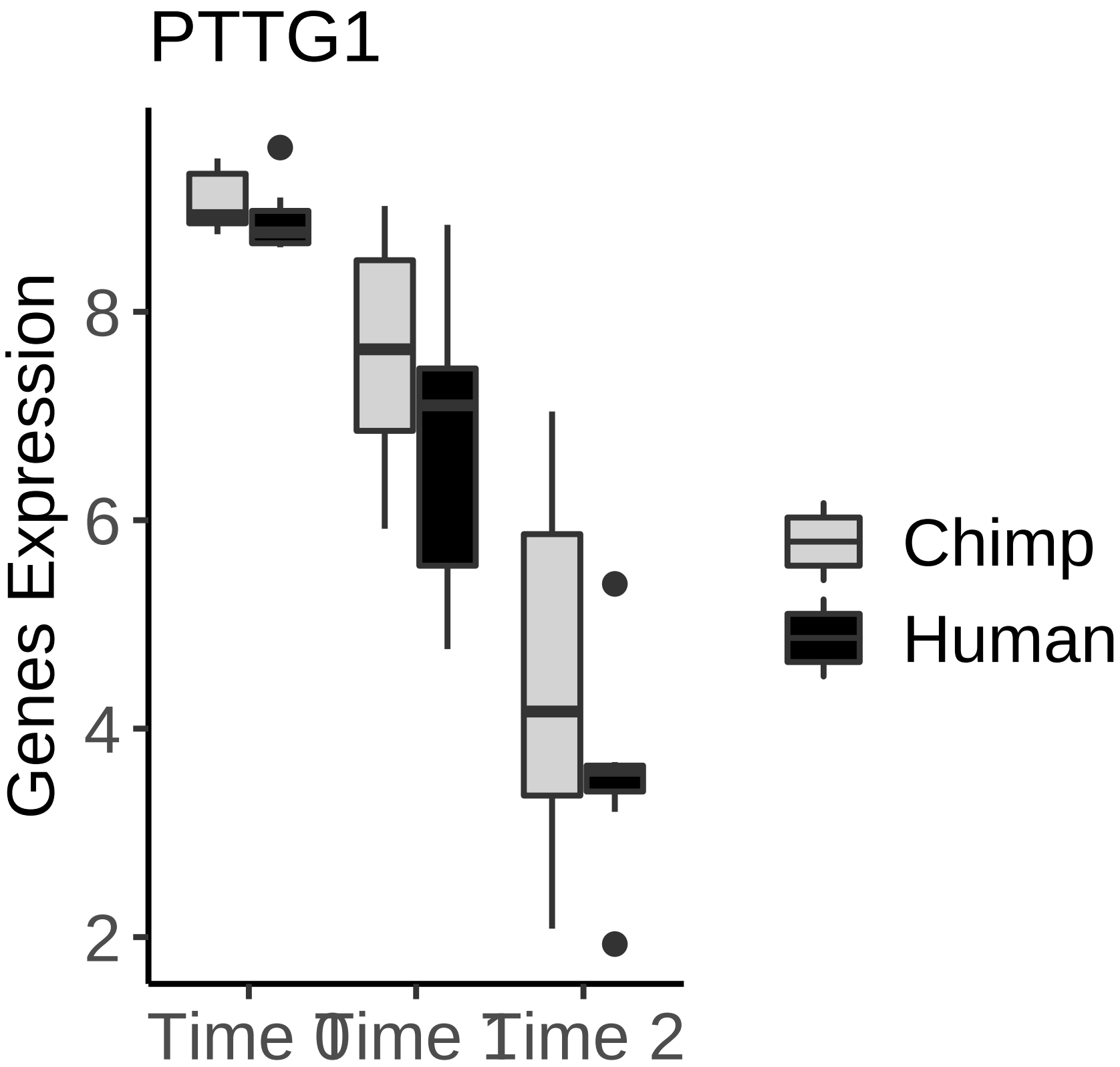
4.5
4.0
Time 0
Time 1
Time 2
Chimp
Human


PTTG1
Genes Expression
8
6
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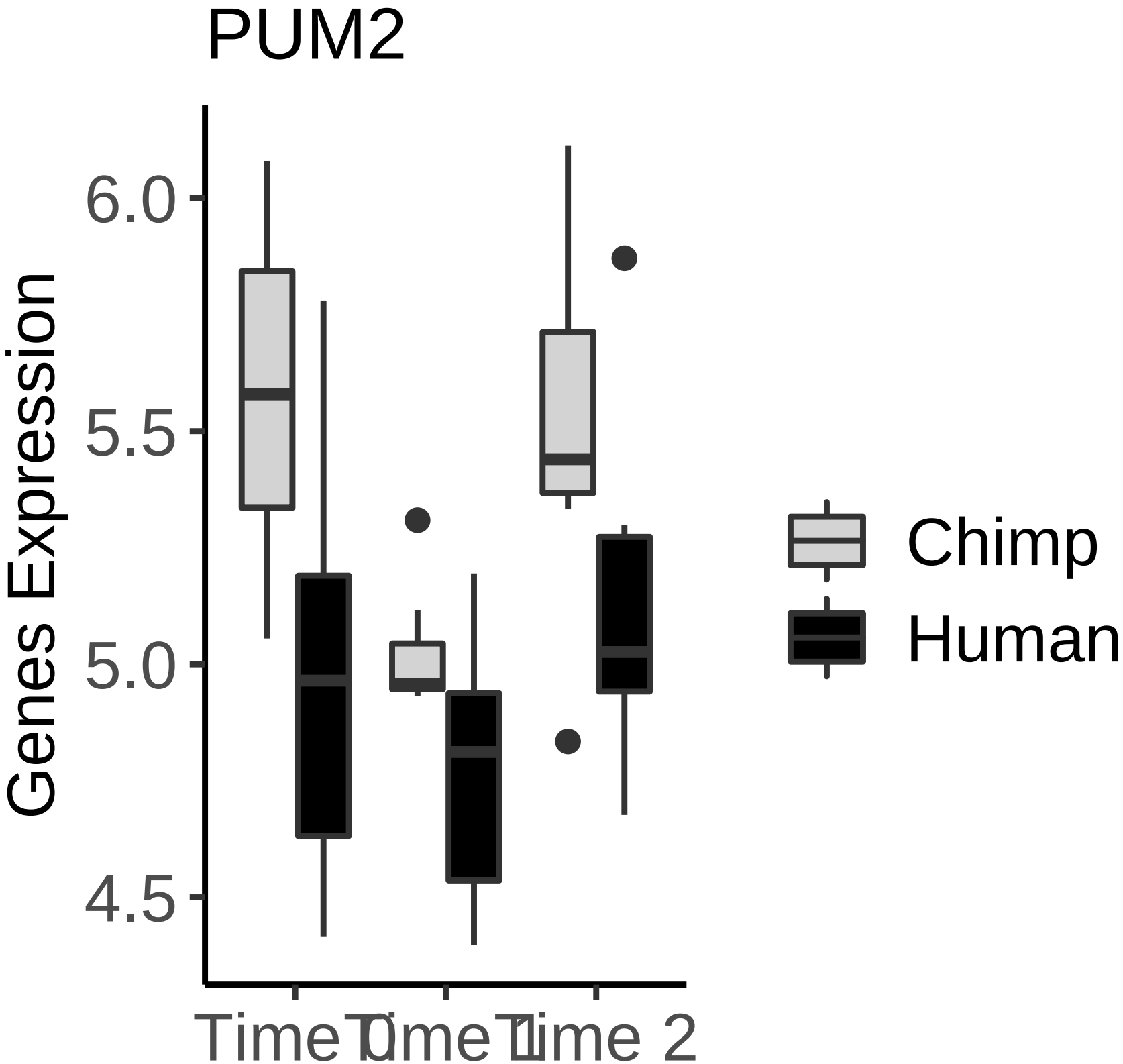
2
Time 0
Time 1
Time 2
Chimp
Human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4.5
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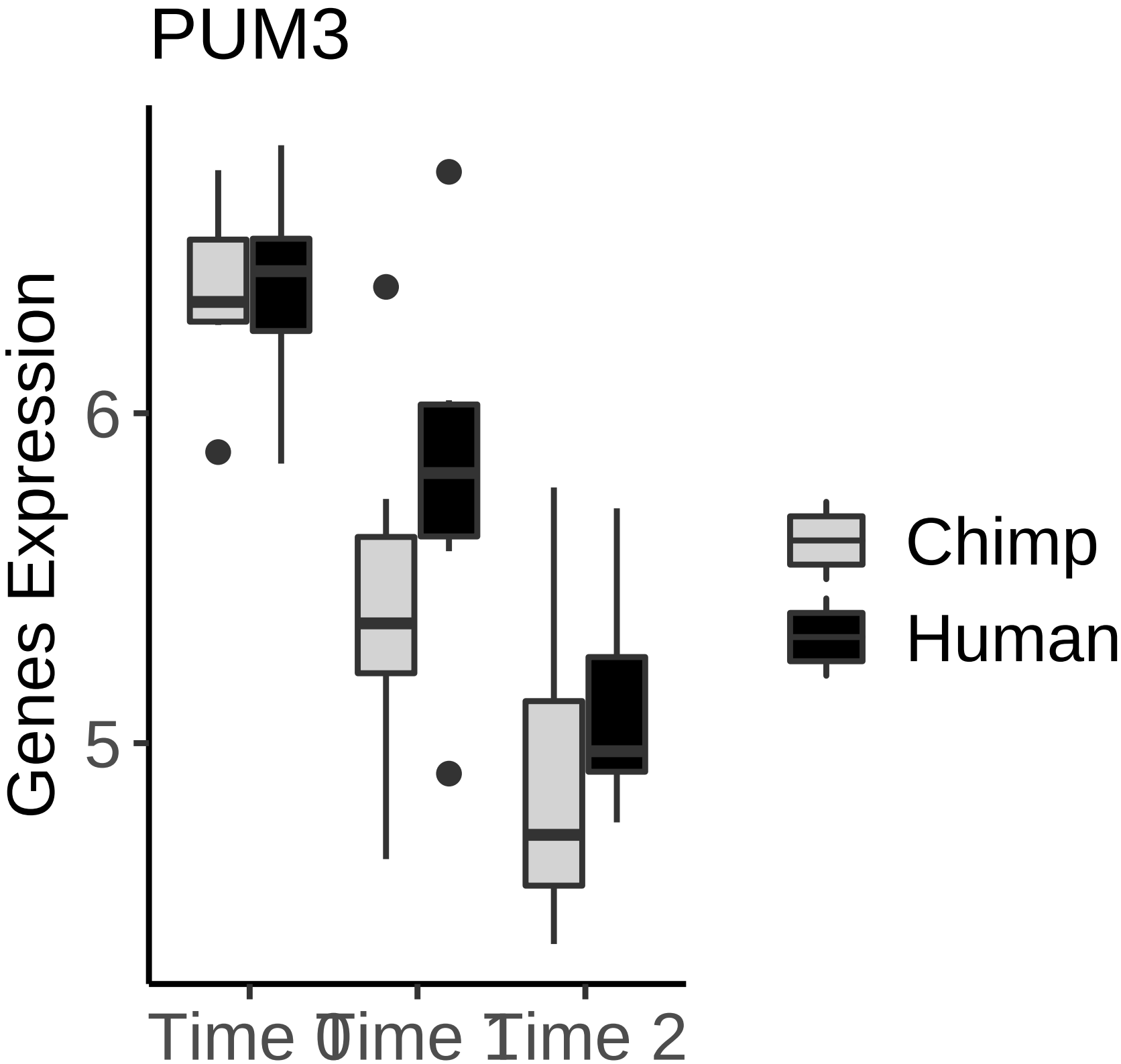
Time 1
Time 2
Chimp
Human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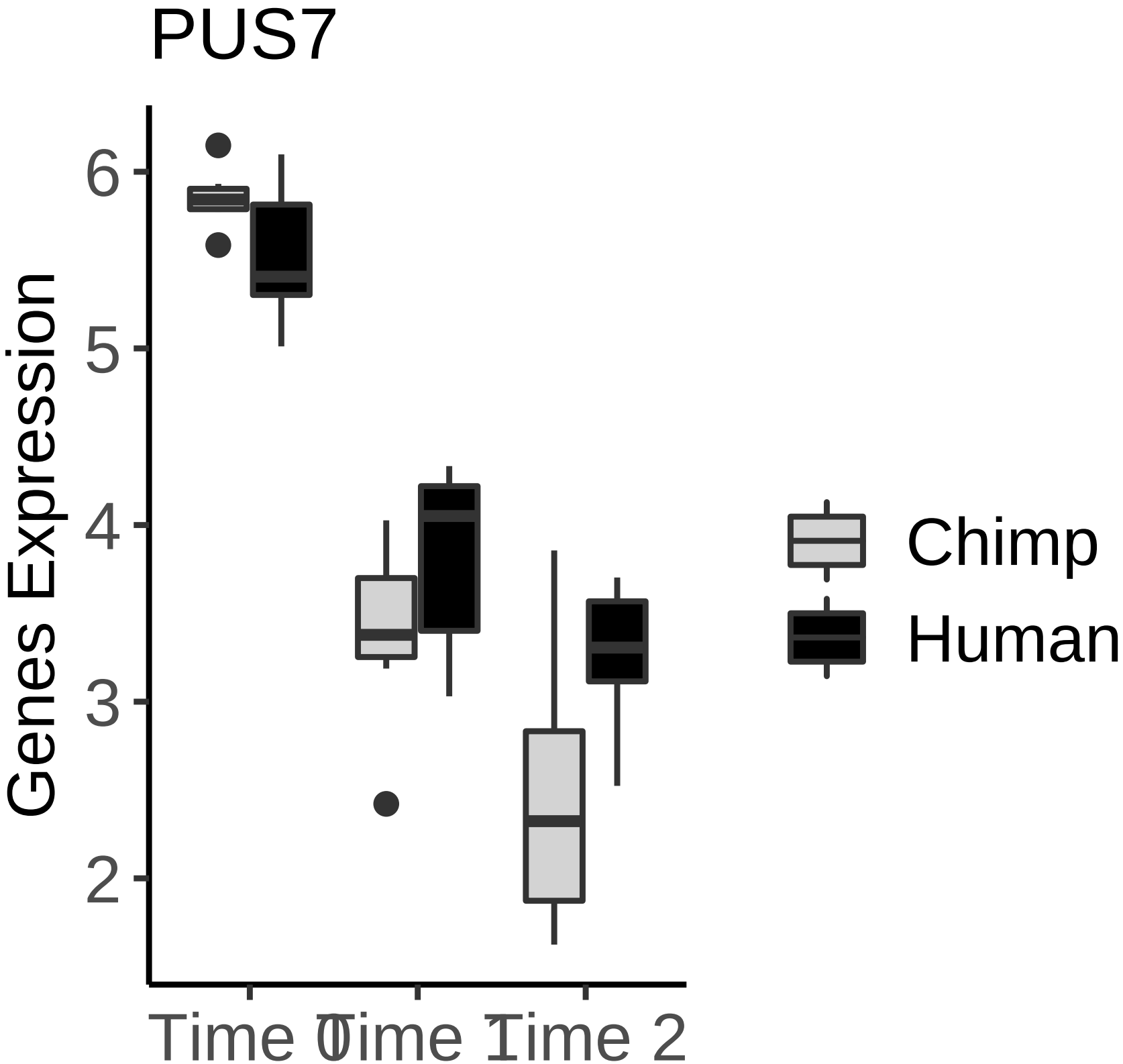
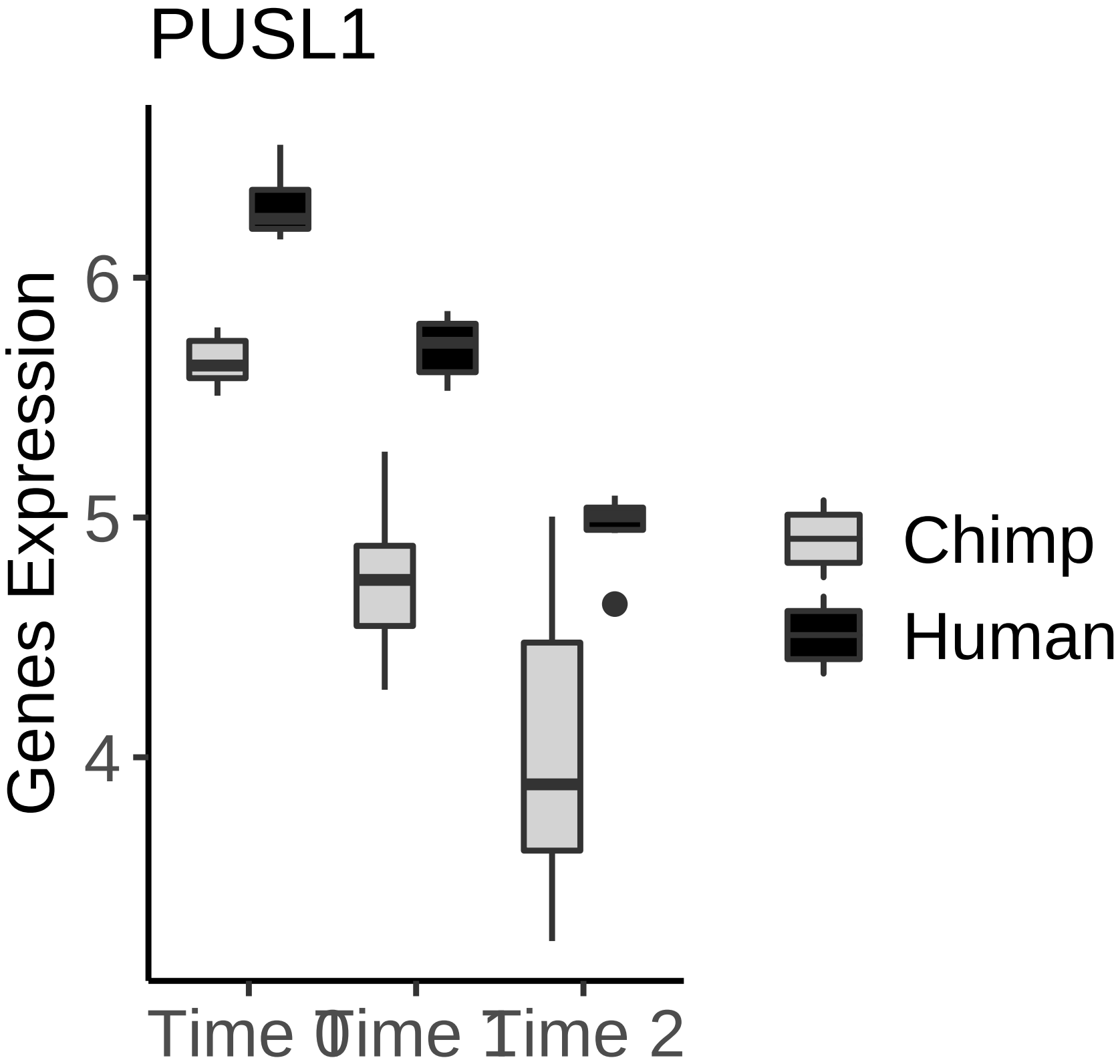
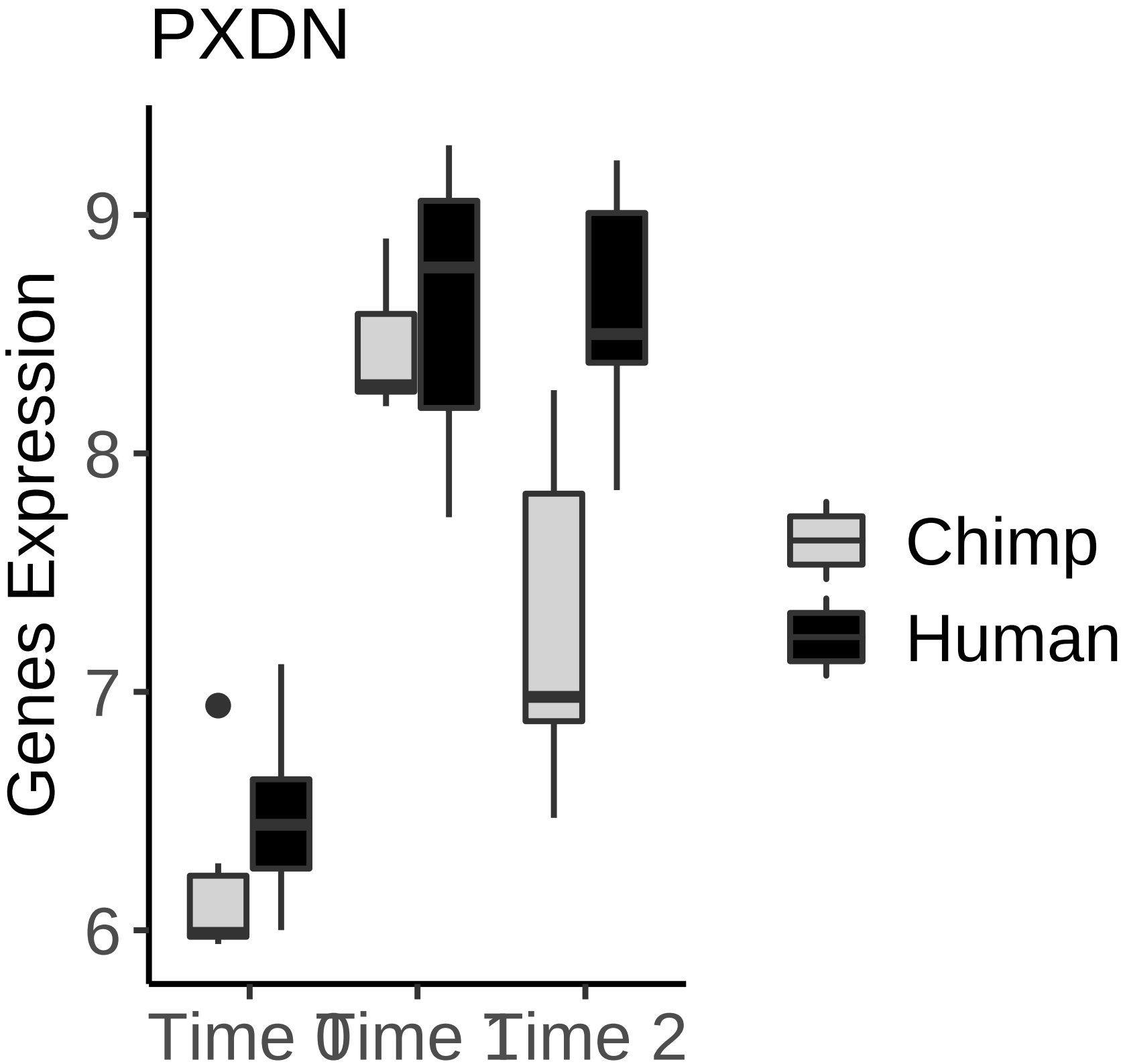
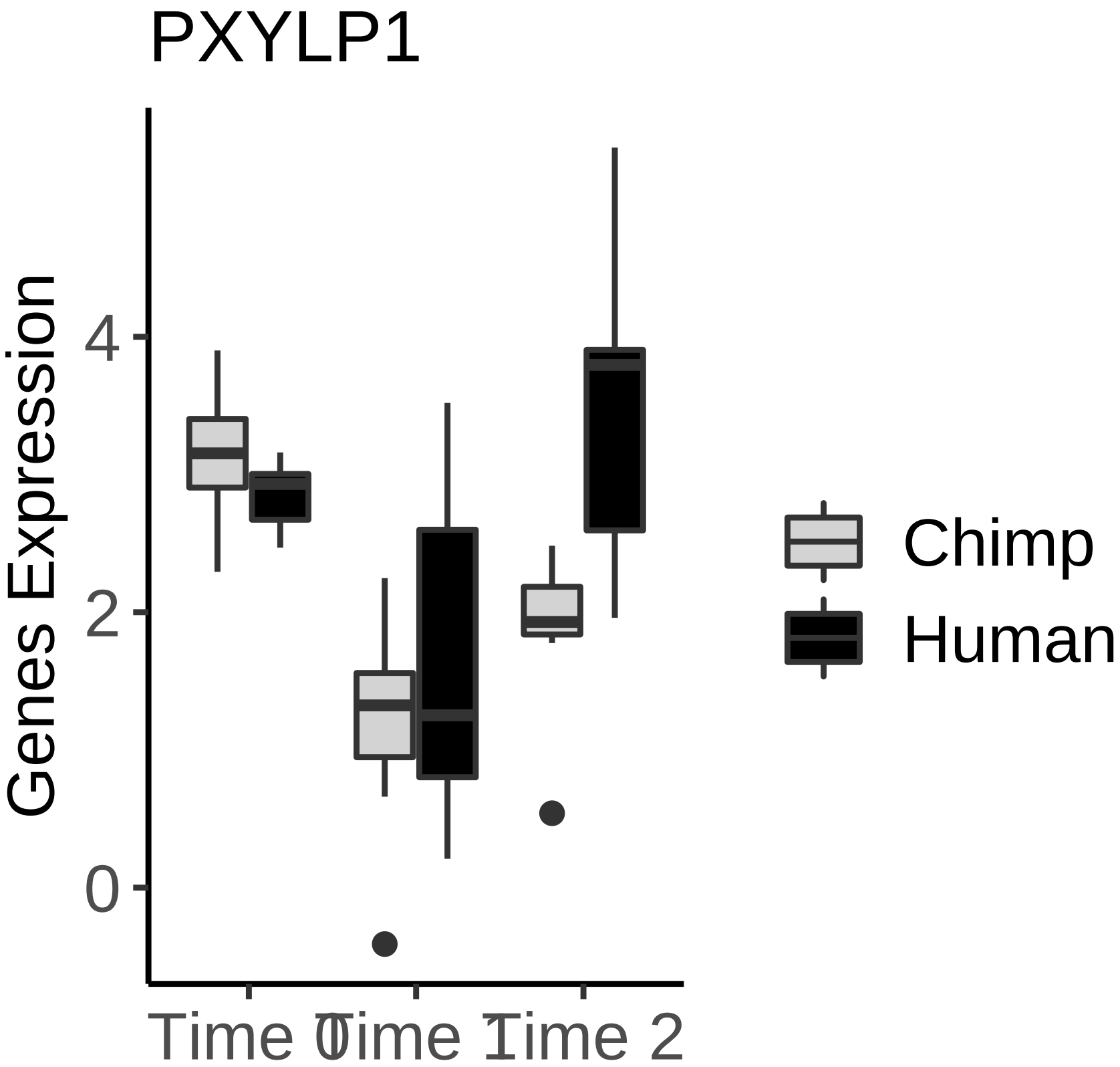
Genes Expression
6
5
Time 0
Time 1
Time 2
Chimp
Human


PUS7
Genes Expression
6
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human


PUSL1
Genes Expression
6
5
4
Time 0
Time 1
Time 2
Chimp
Human


PXDN
Genes Expression
9
8
7
6
Time 0
Time 1
Time 2
Chimp
Human


PXYLP1
Genes Expression
4
2
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Chimp
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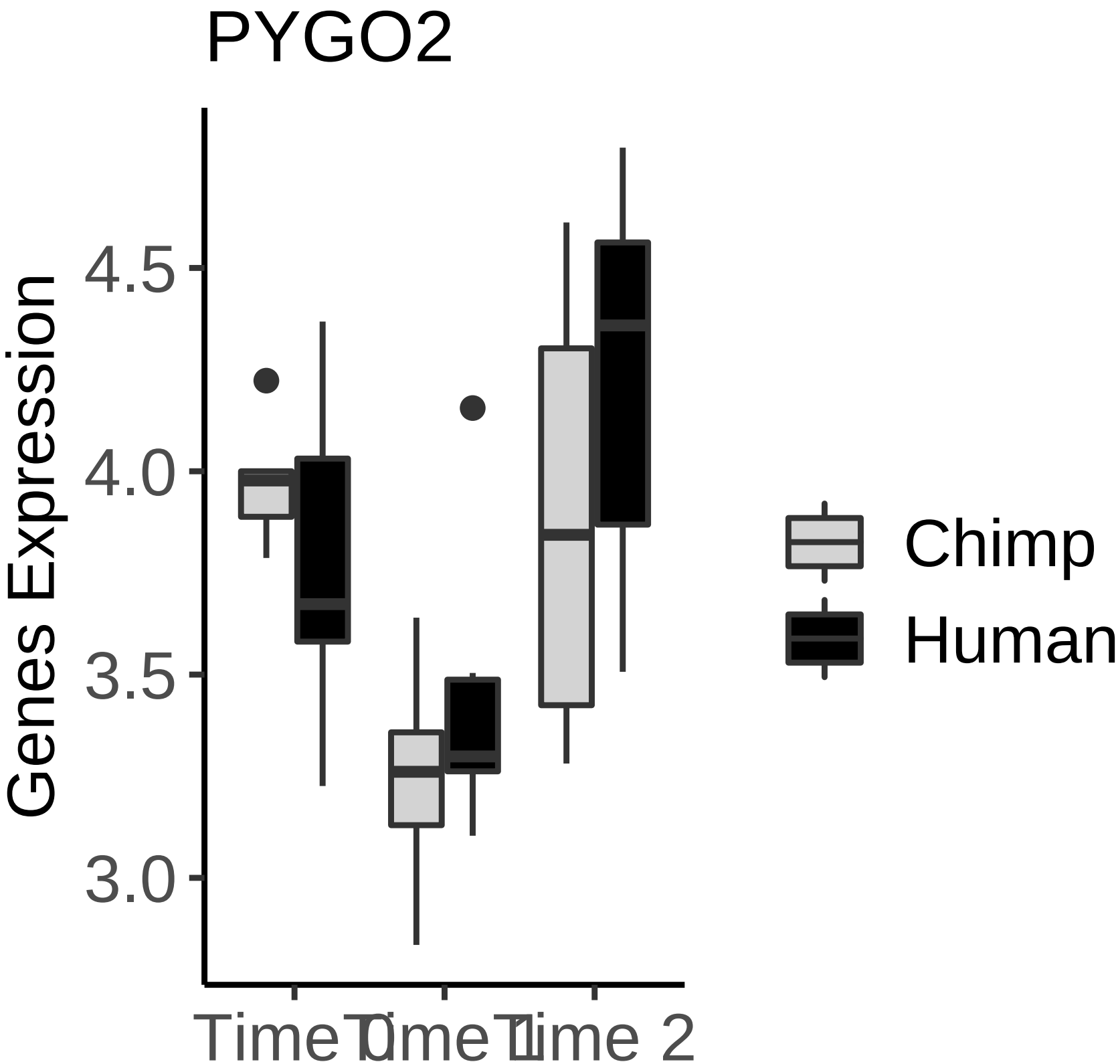
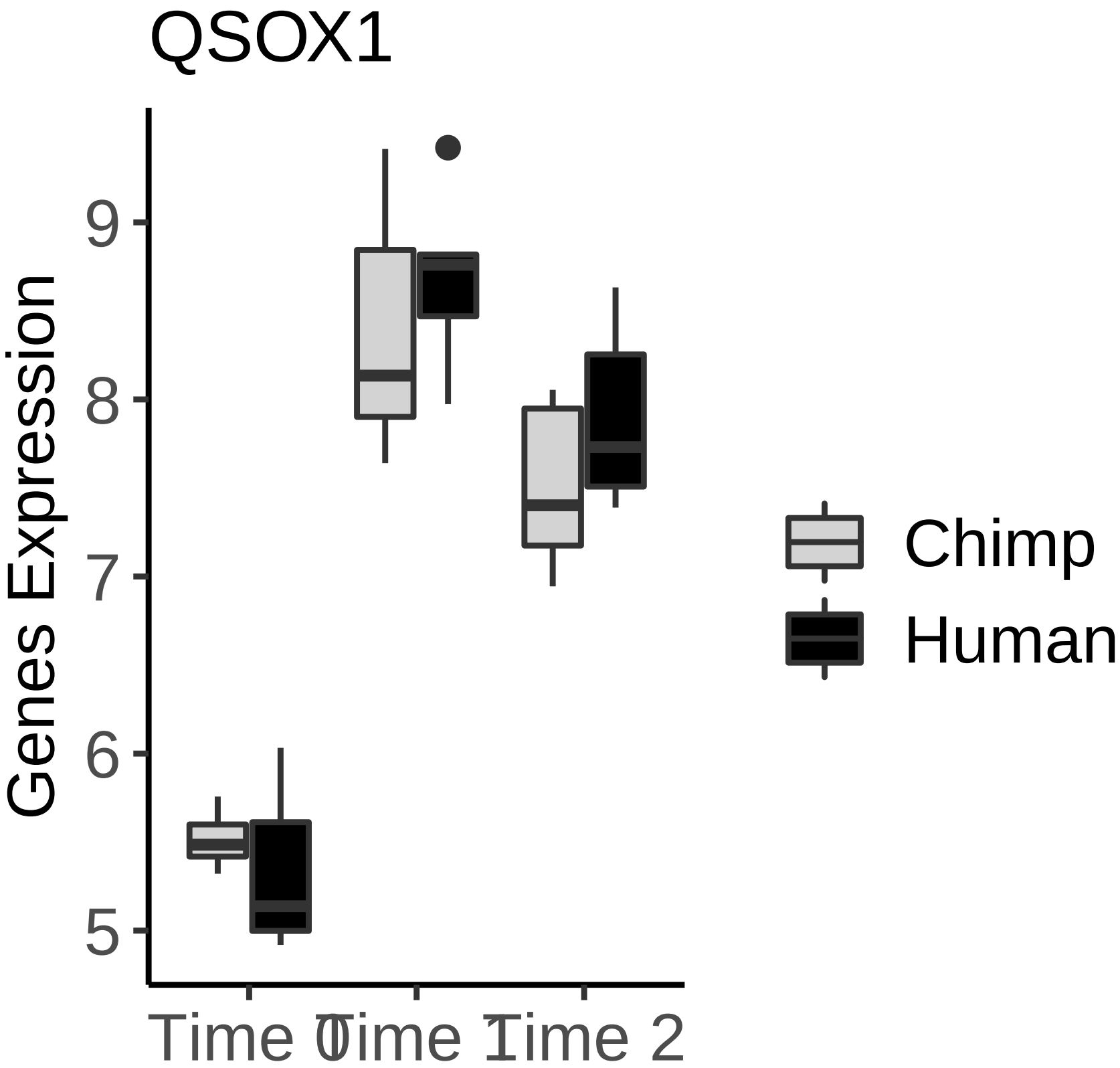

PYGO2
Genes Expression
4.5
4.0
3.5
3.0
Time 0
Time 1
Time 2
Chimp
Human


QSOX1
Genes Expression
9
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5
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Time 2
Chimp
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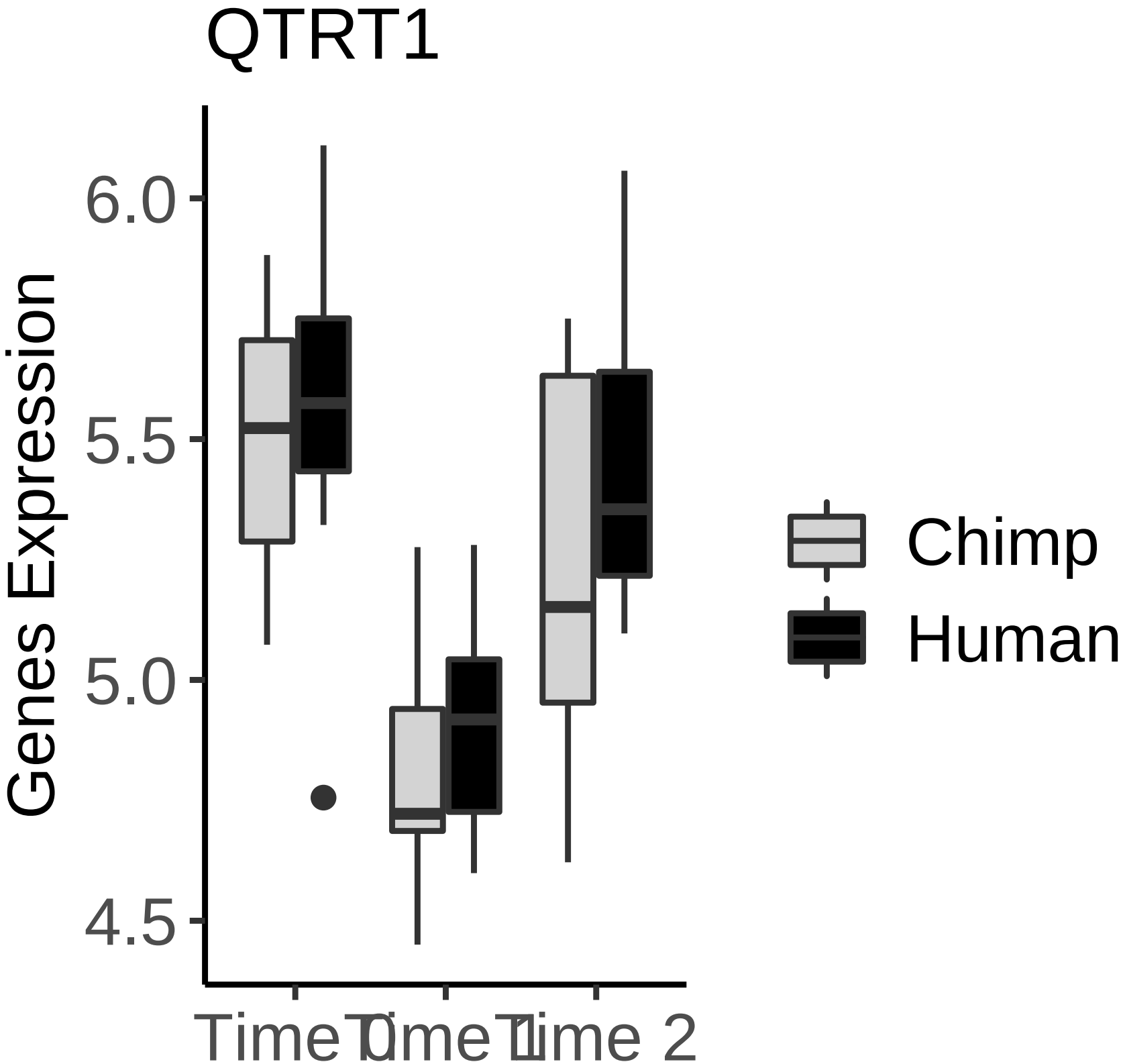
QTRT1
Genes Expression
6.0
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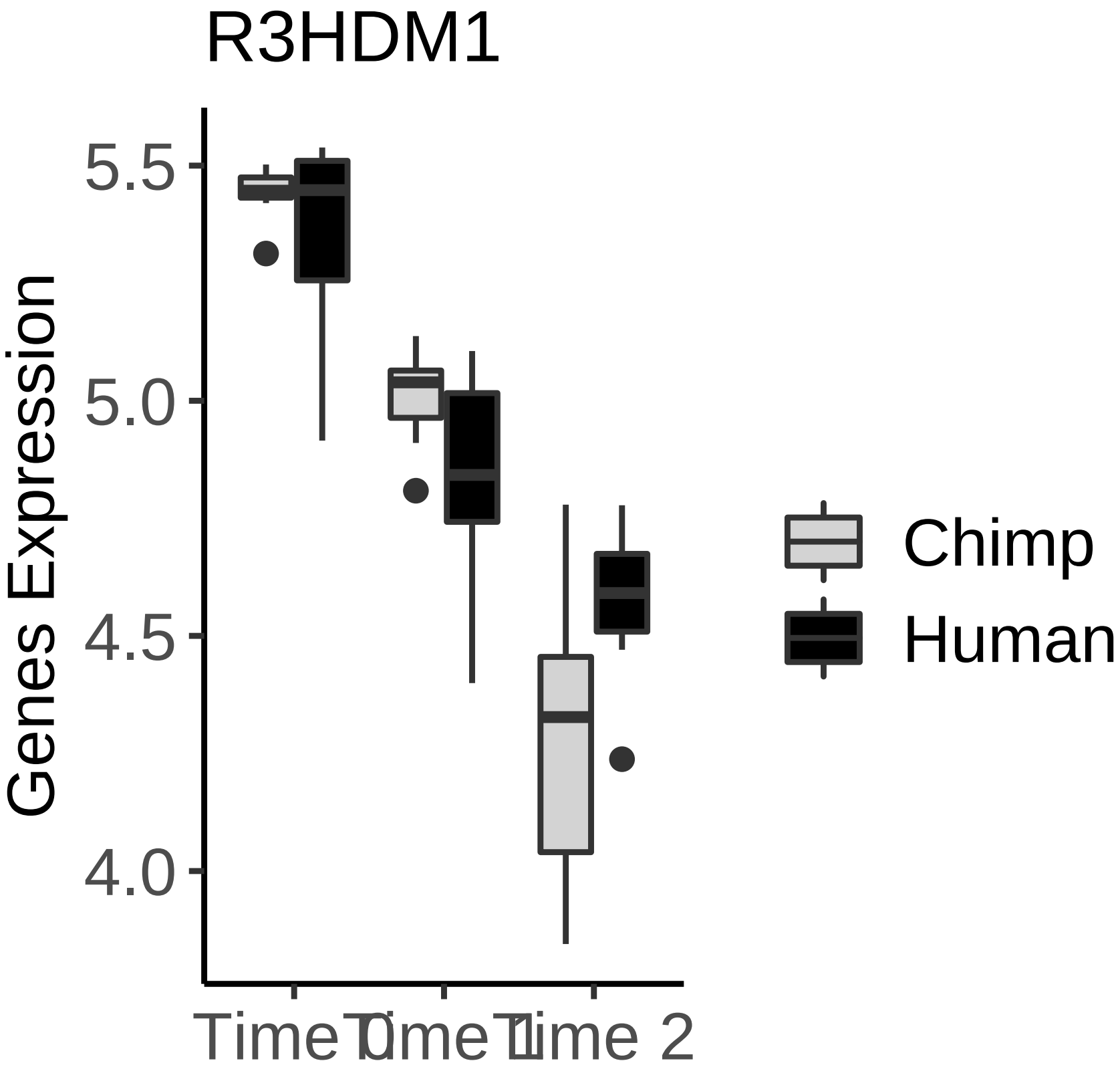
4.5
Time 0
Time 1
Time 2
Chimp
Human


R3HDM1
Genes Expression
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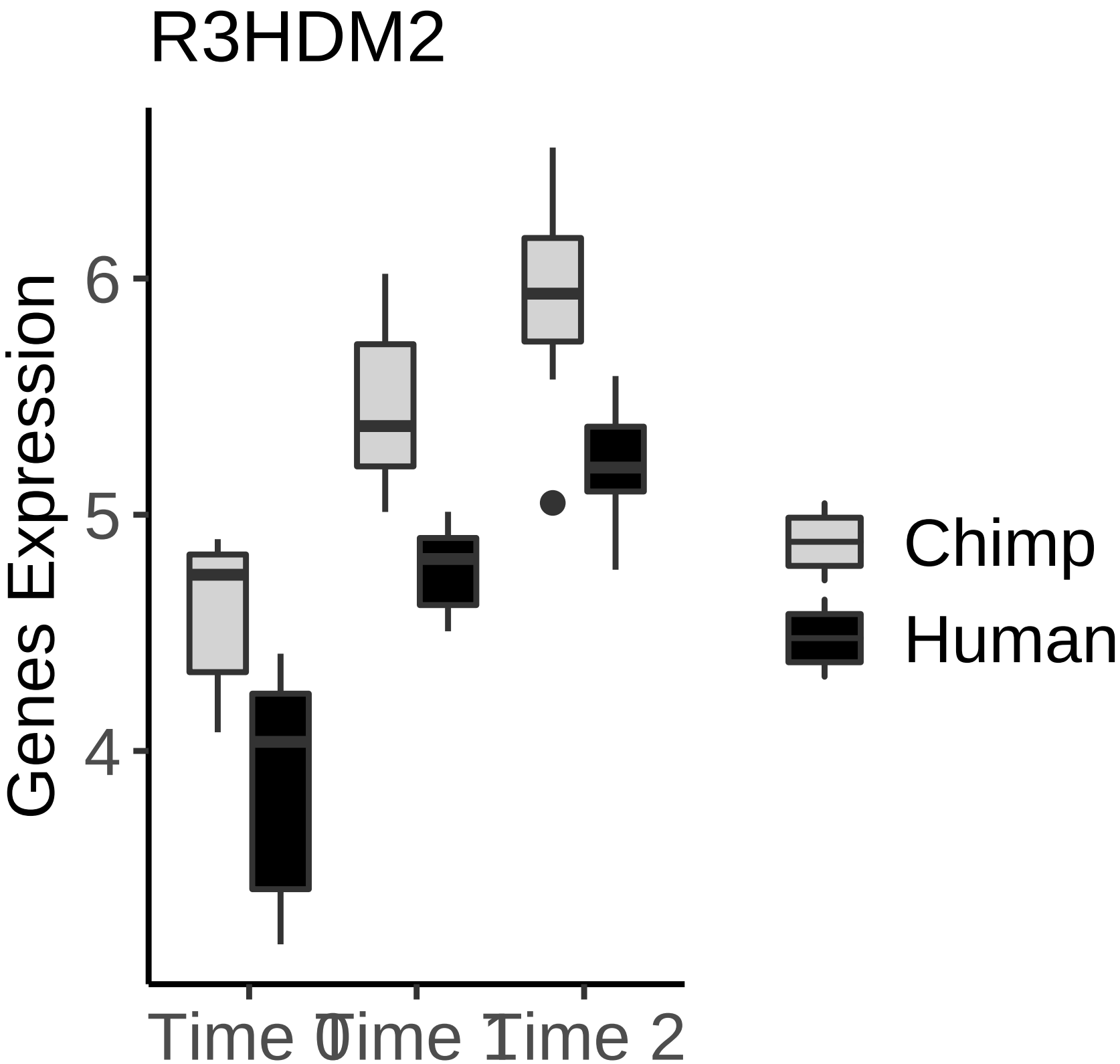
4.0
Time 0
Time 1
Time 2
Chimp
Human


R3HDM2
Genes Expression
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5
4
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Time 1
Time 2
Chimp
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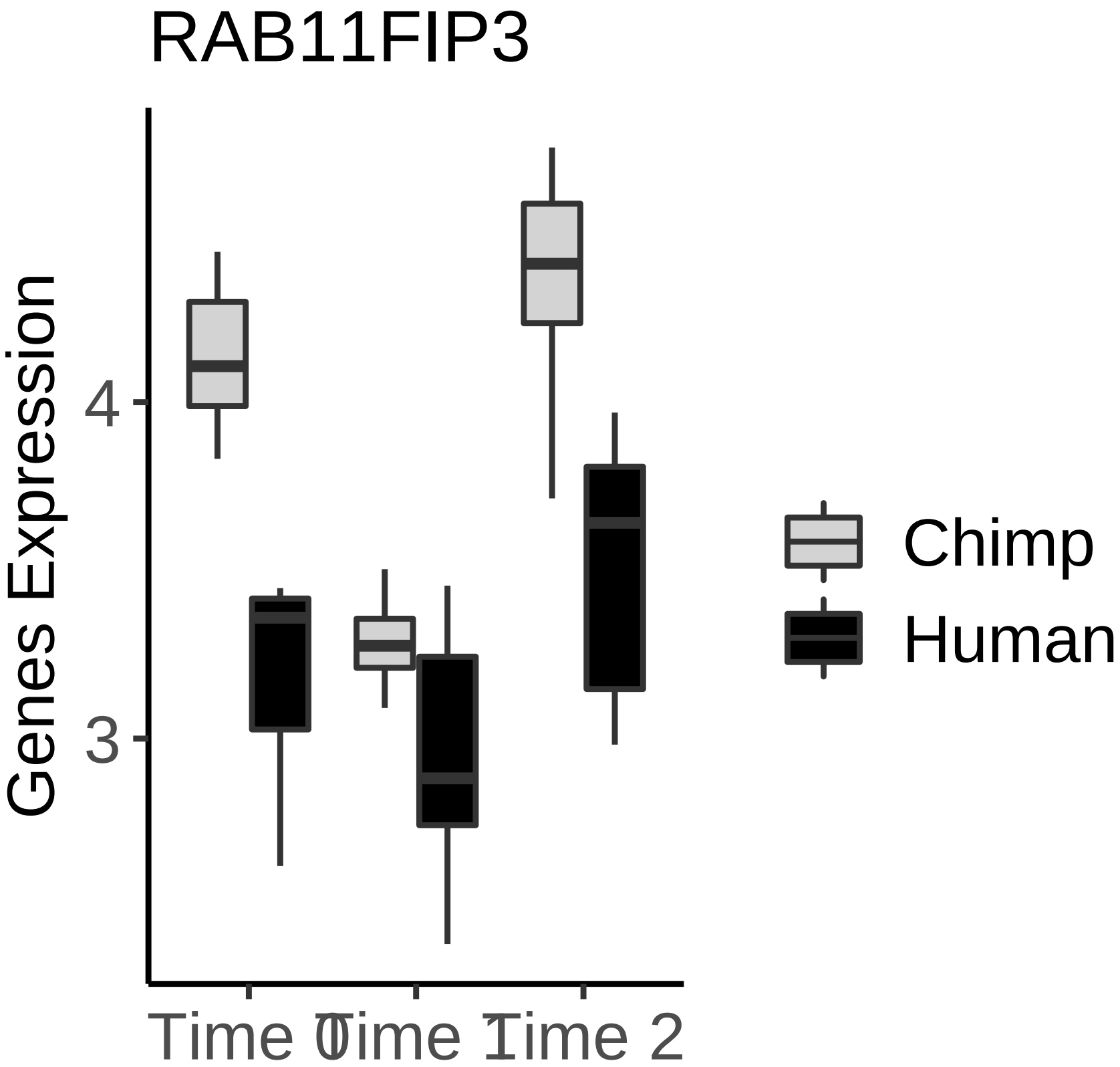
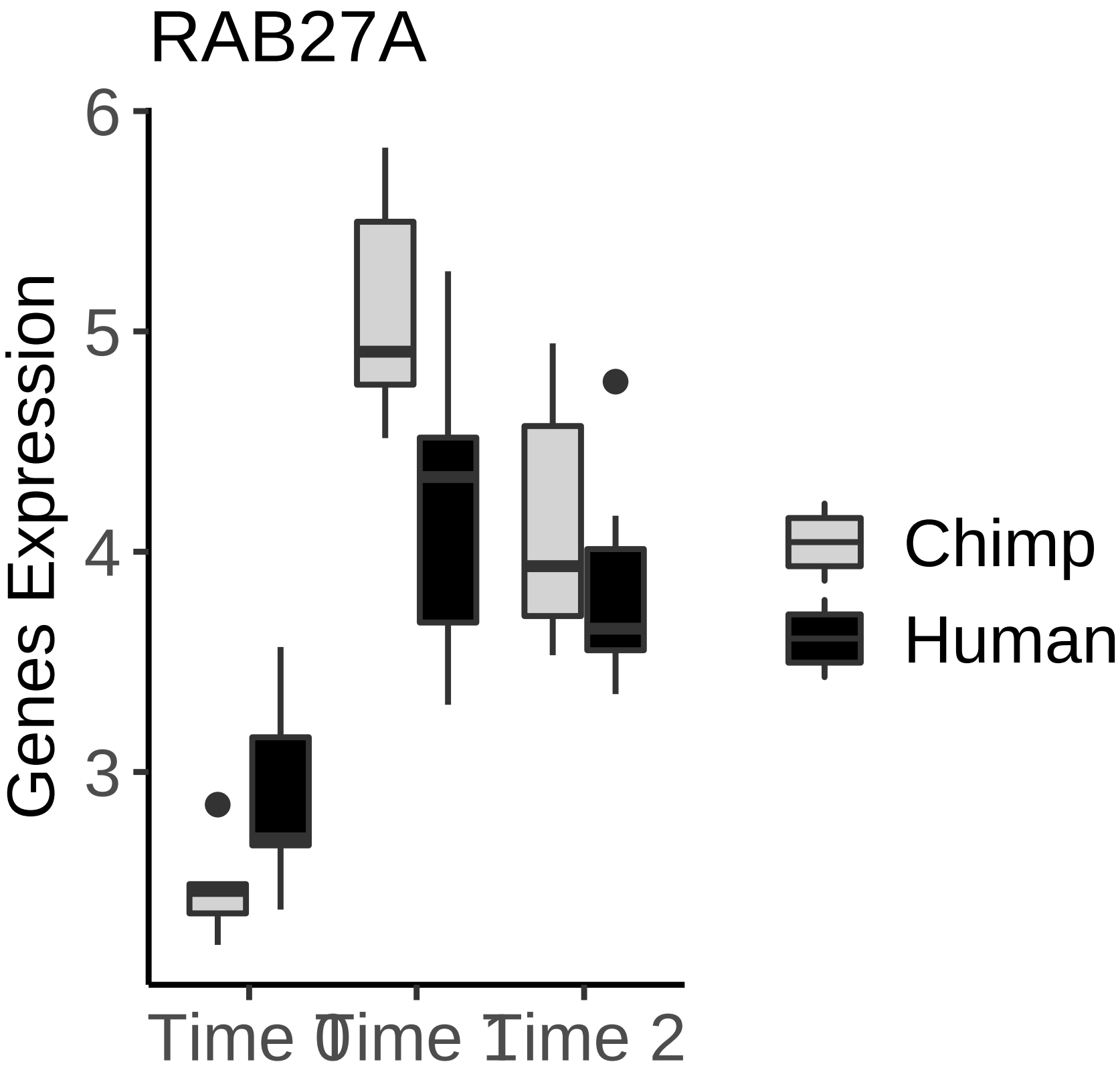

RAB11FIP3
Genes Expression
4
3
Time 0
Time 1
Time 2
Chimp
Human


RAB27A
Genes Expression
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Time 2
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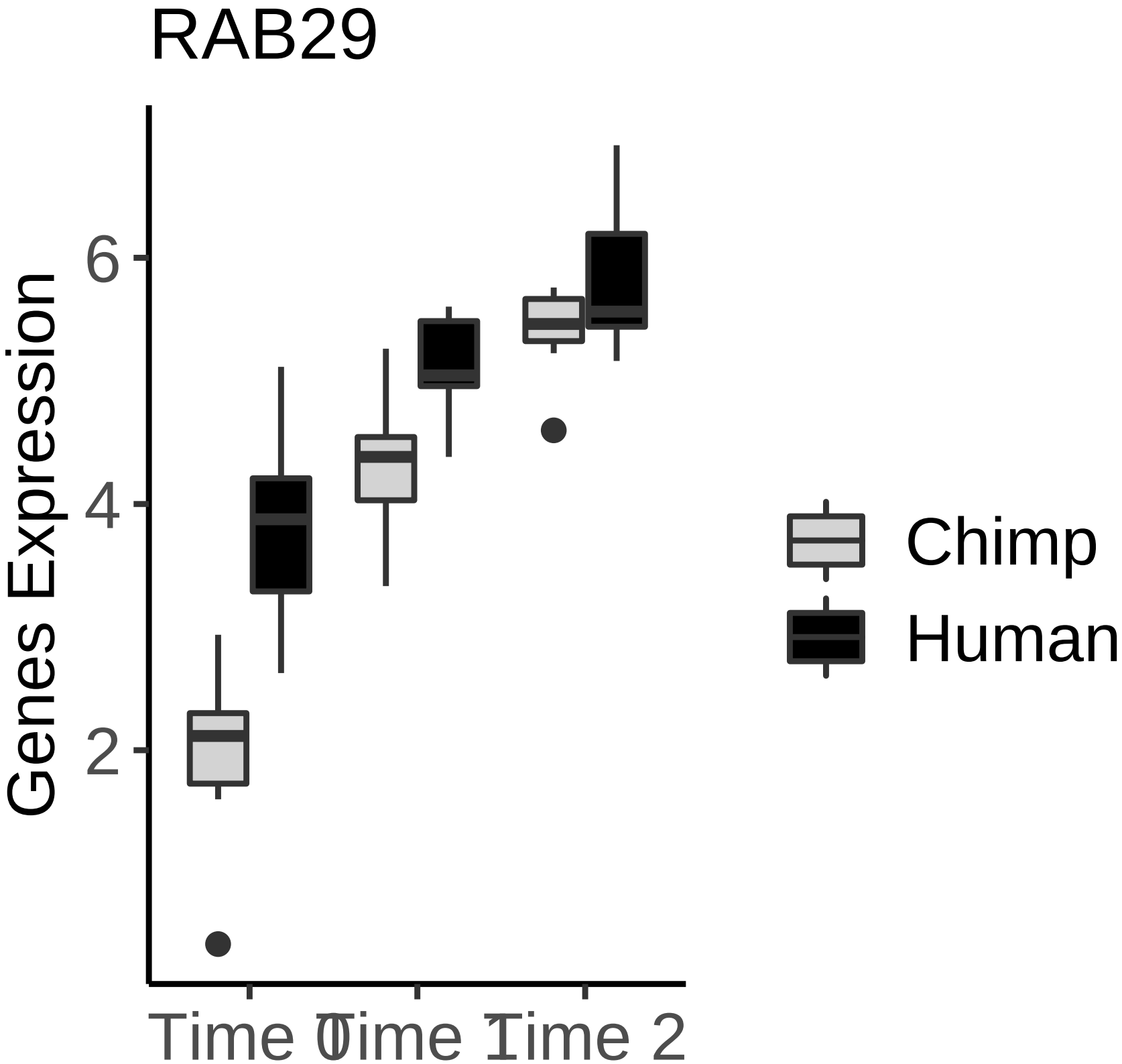
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Genes Expression
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2
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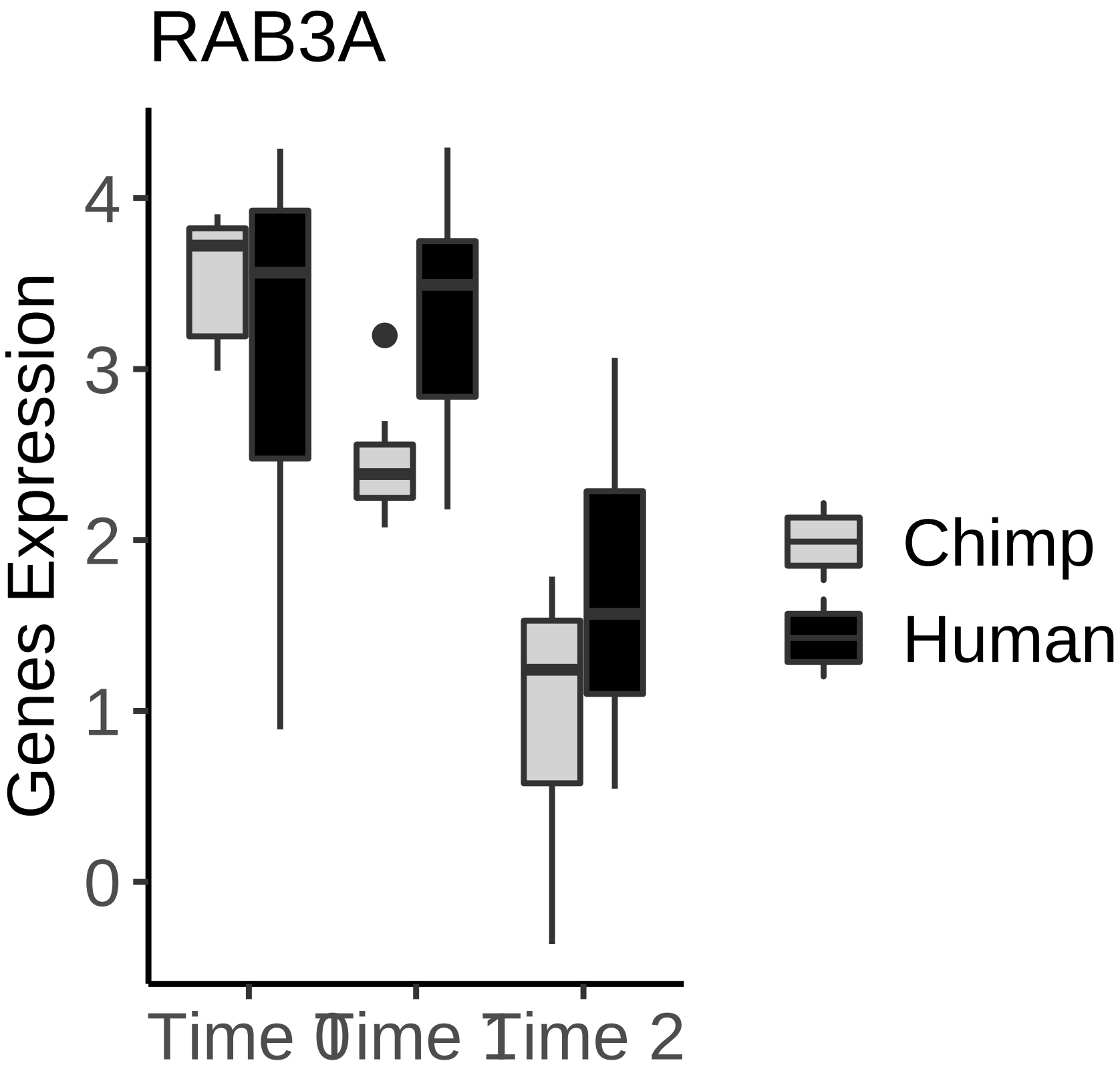
Time 1
Time 2
Chimp
Human


RAB3A
Genes Expression
4
3
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0
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Time 1
Time 2
Chimp
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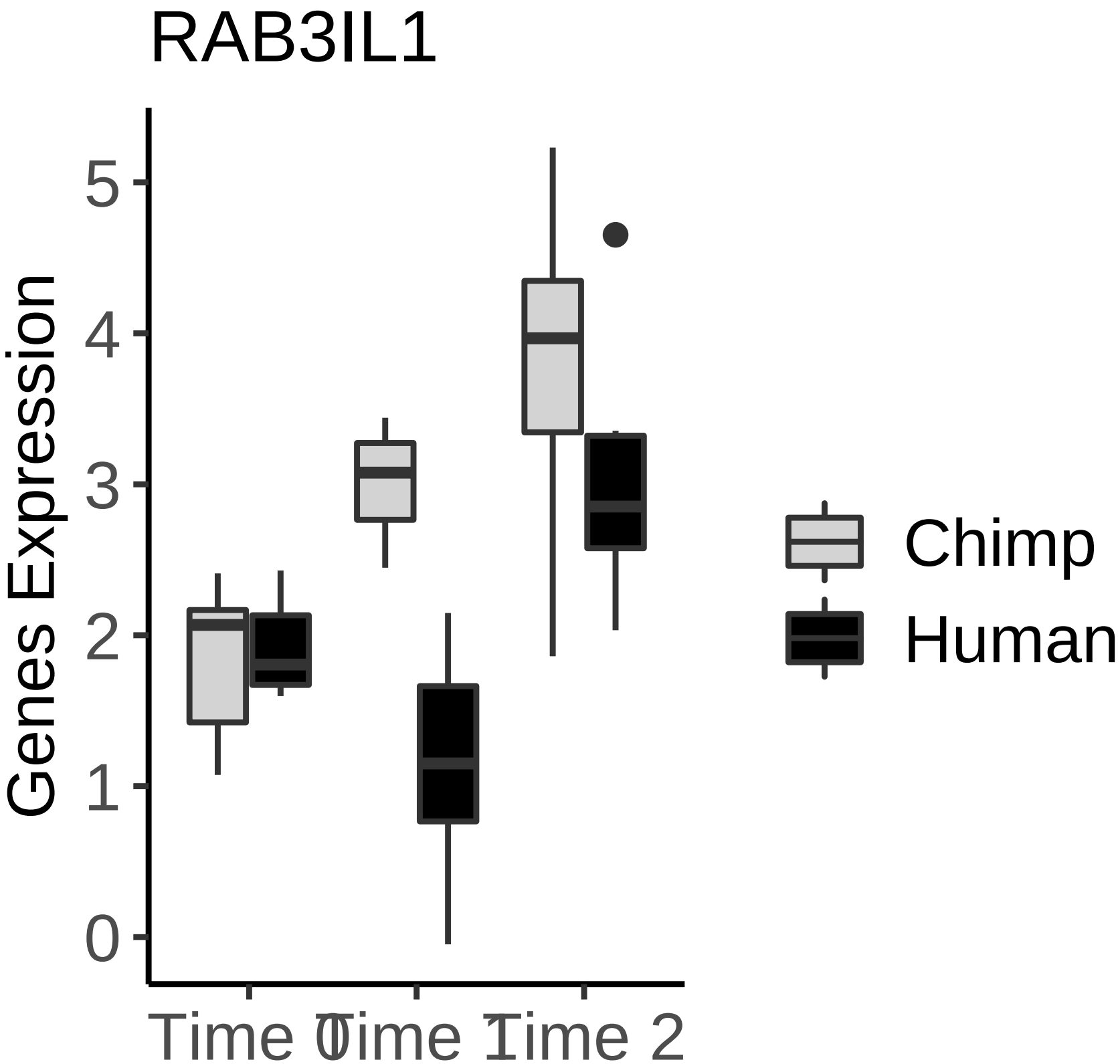
RAB3IL1
Genes Expression
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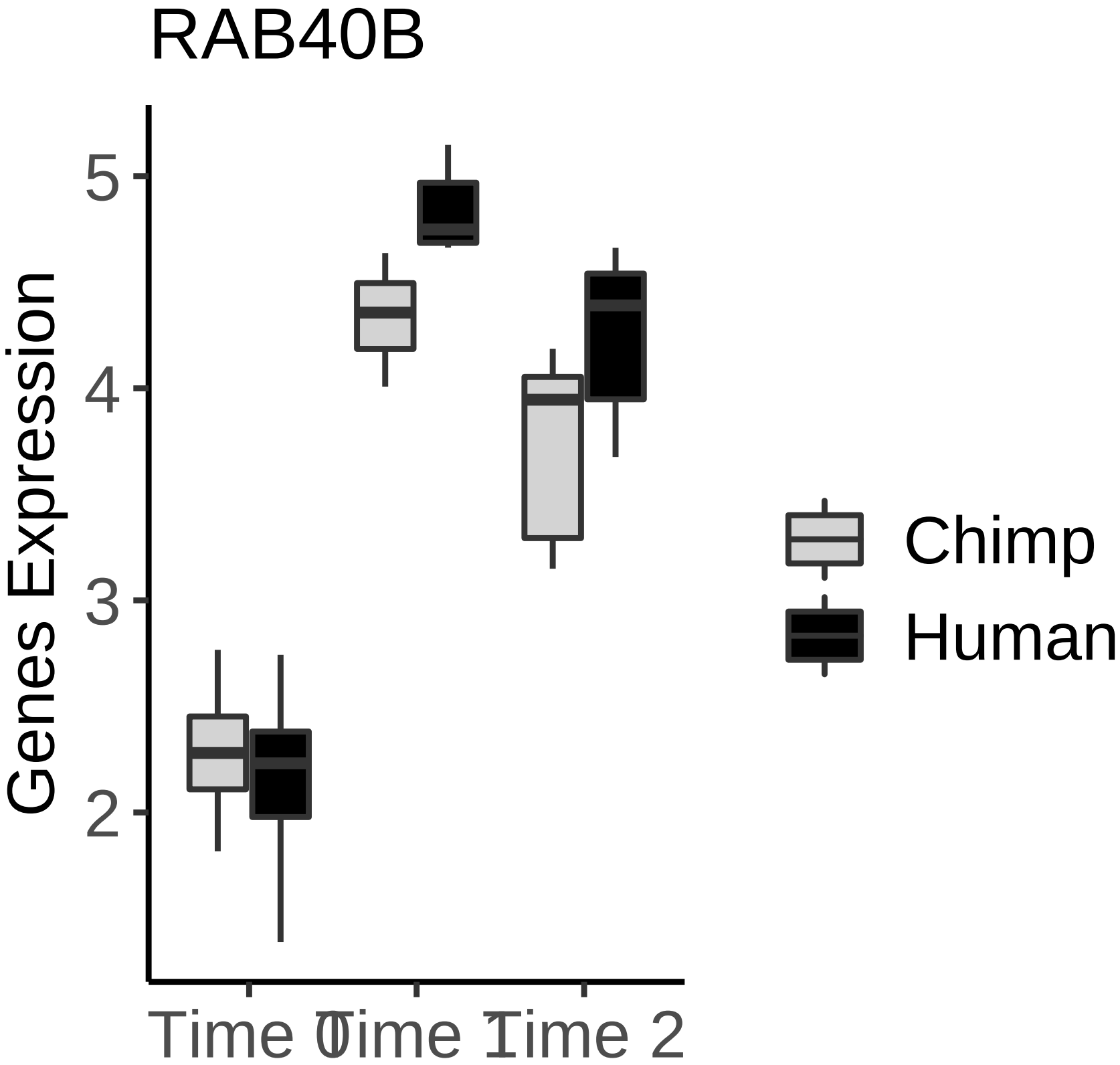
4
5
Time 0
Time 1
Time 2
Chimp
Human


RAB40B
Genes Expression
5
4
3
2
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Time 1
Time 2
Chimp
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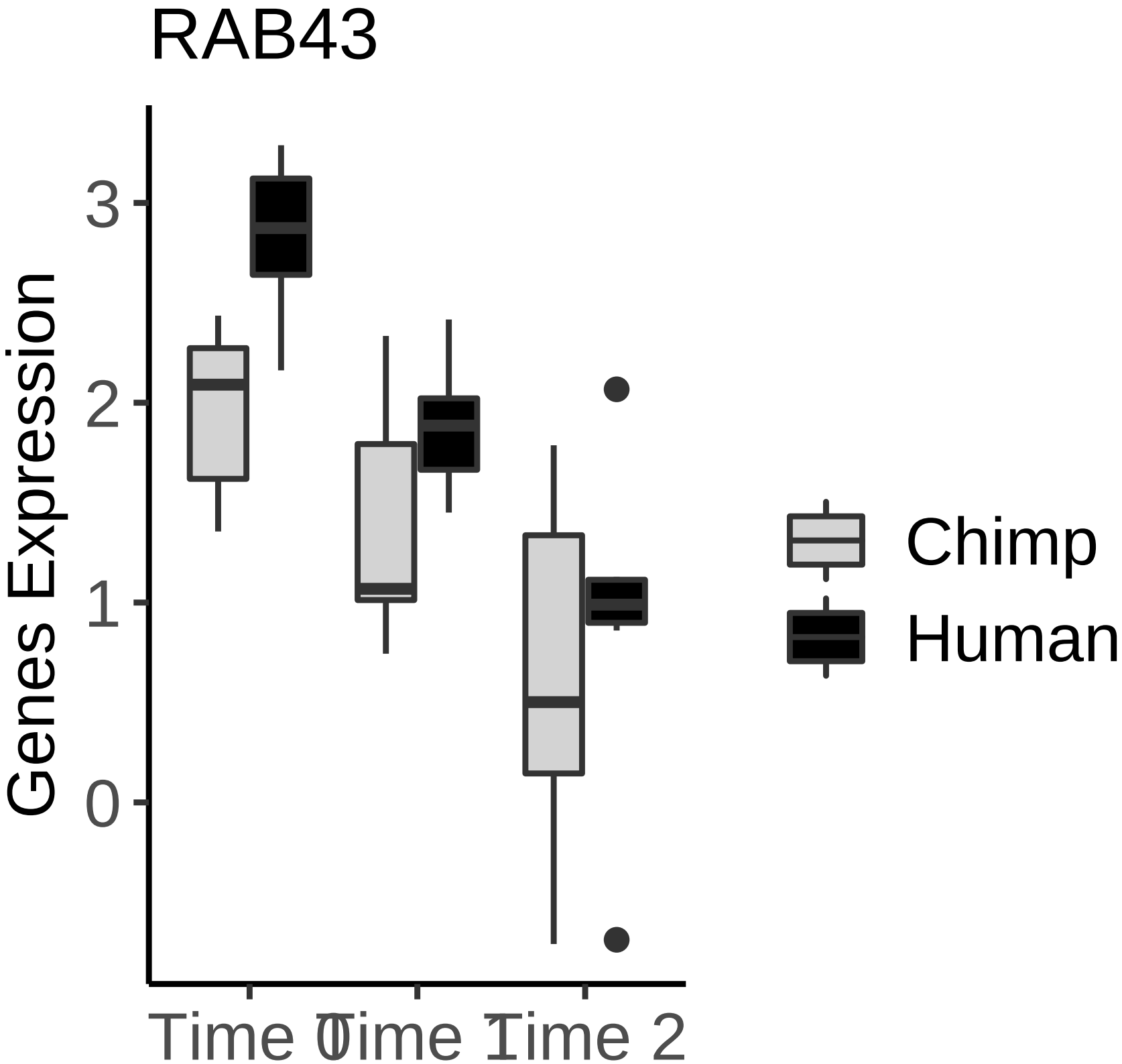
RAB43
Genes Expression
3
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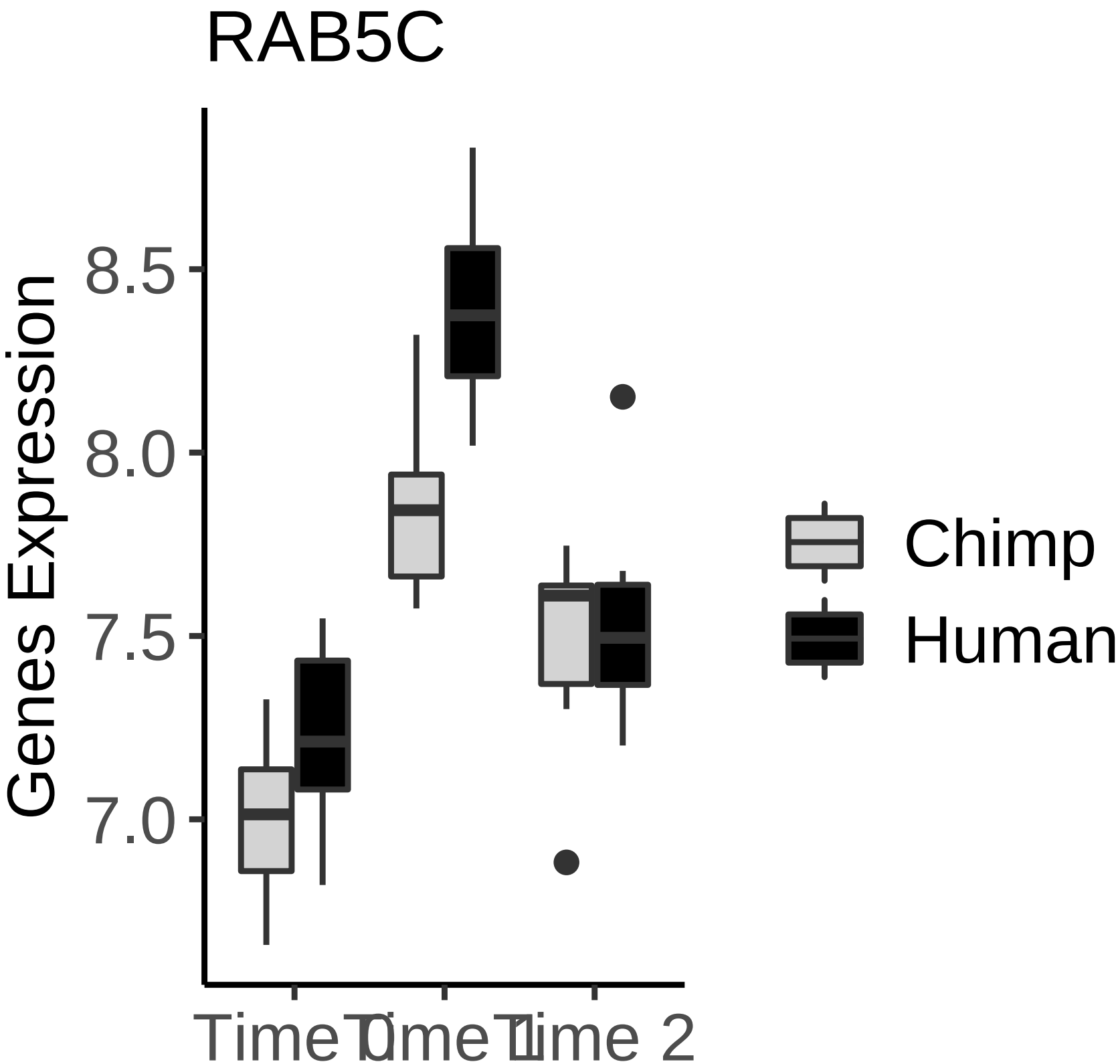
Time 1
Time 2
Chimp
Human


RAB5C
Genes Expression
8.5
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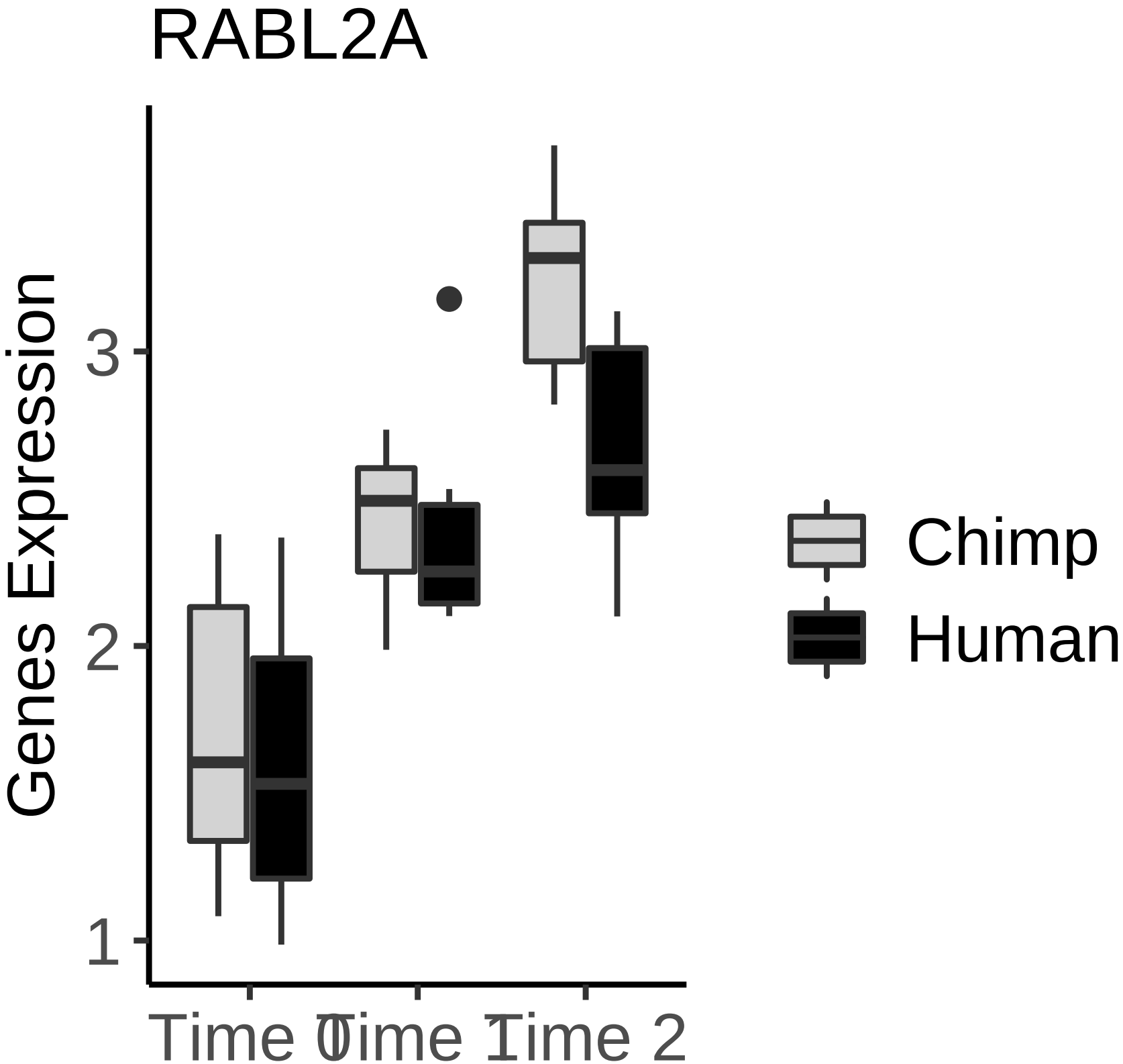
7.5
7.0
Time 0
Time 1
Time 2
Chimp
Human


RABL2A
Genes Expression
3
2
1
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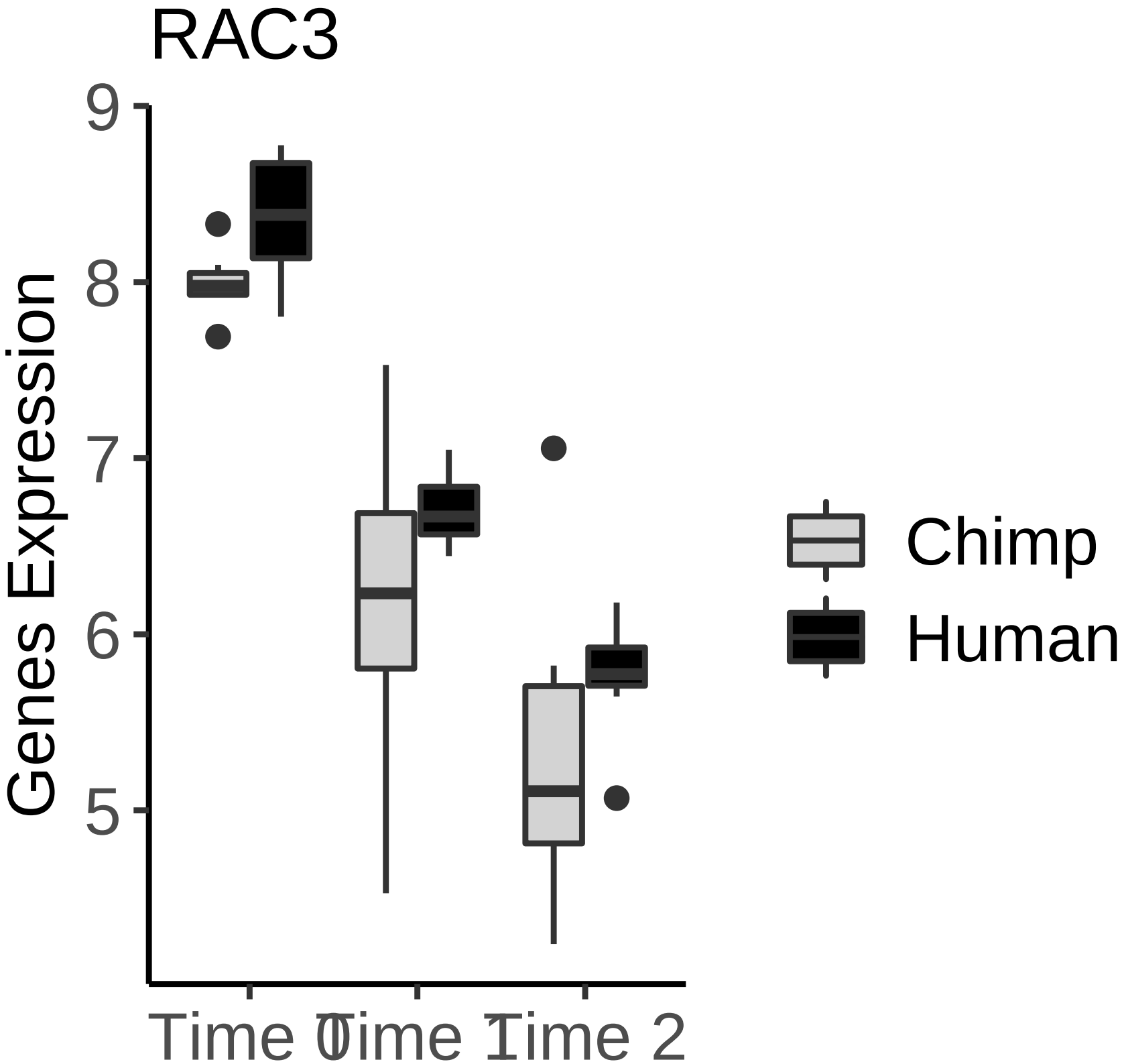
Time 1
Time 2
Chimp
Human


RAC3
Genes Expression
9
8
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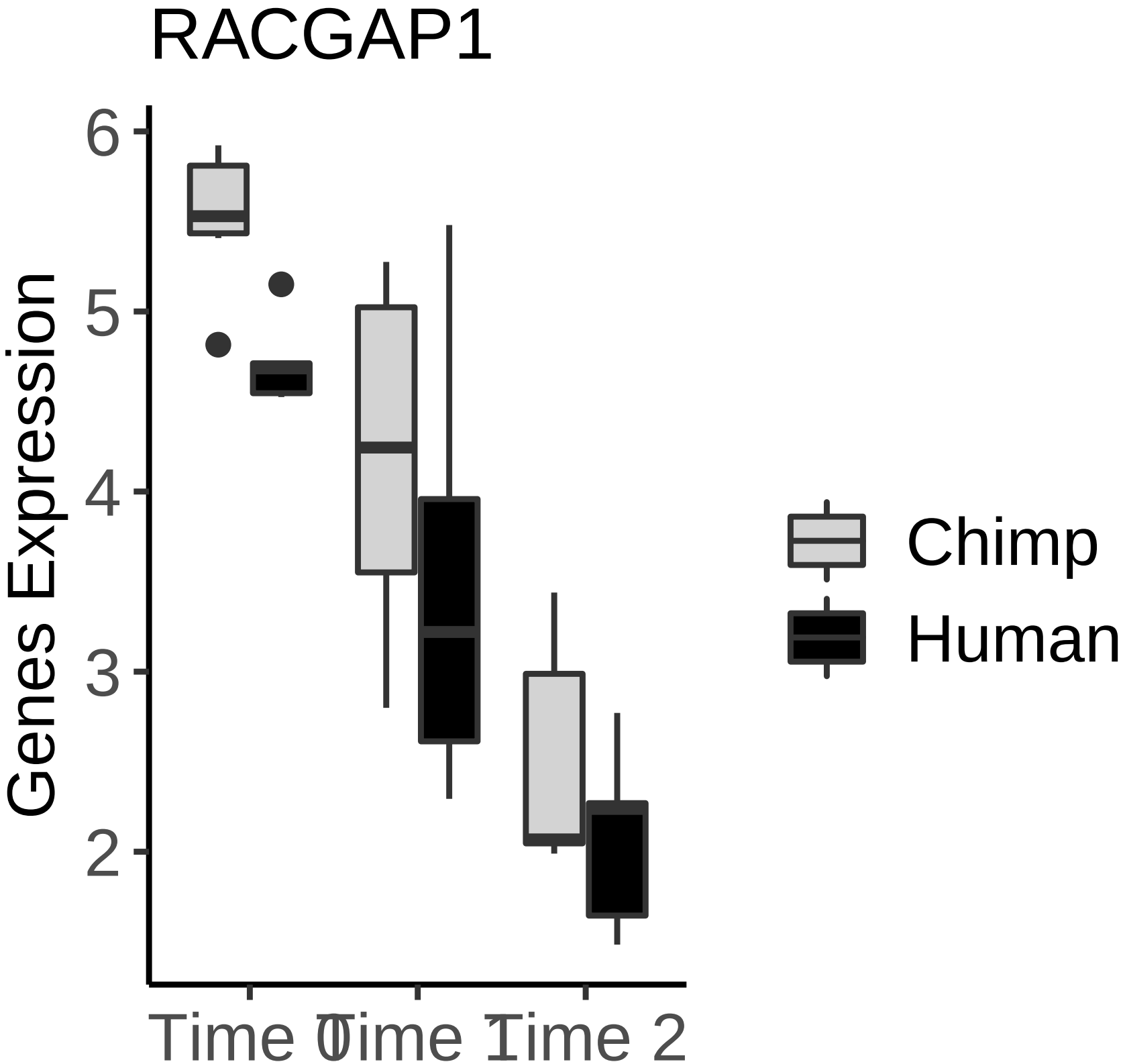
6
5
Time 0
Time 1
Time 2
Chimp
Human


RACGAP1
Genes Expression
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2
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Time 2
Chimp
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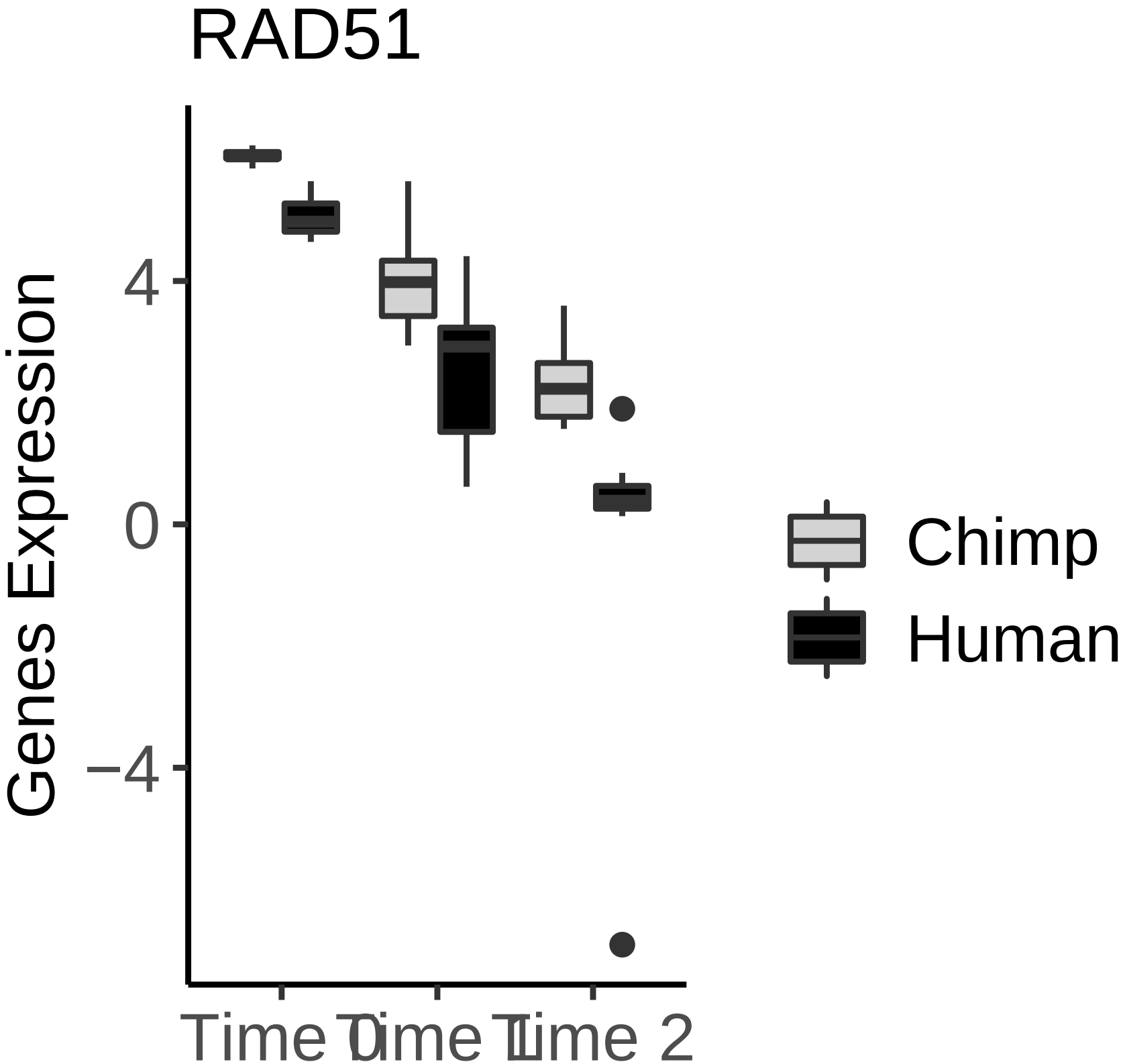
RAD51
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Time 1
Time 2
Chimp
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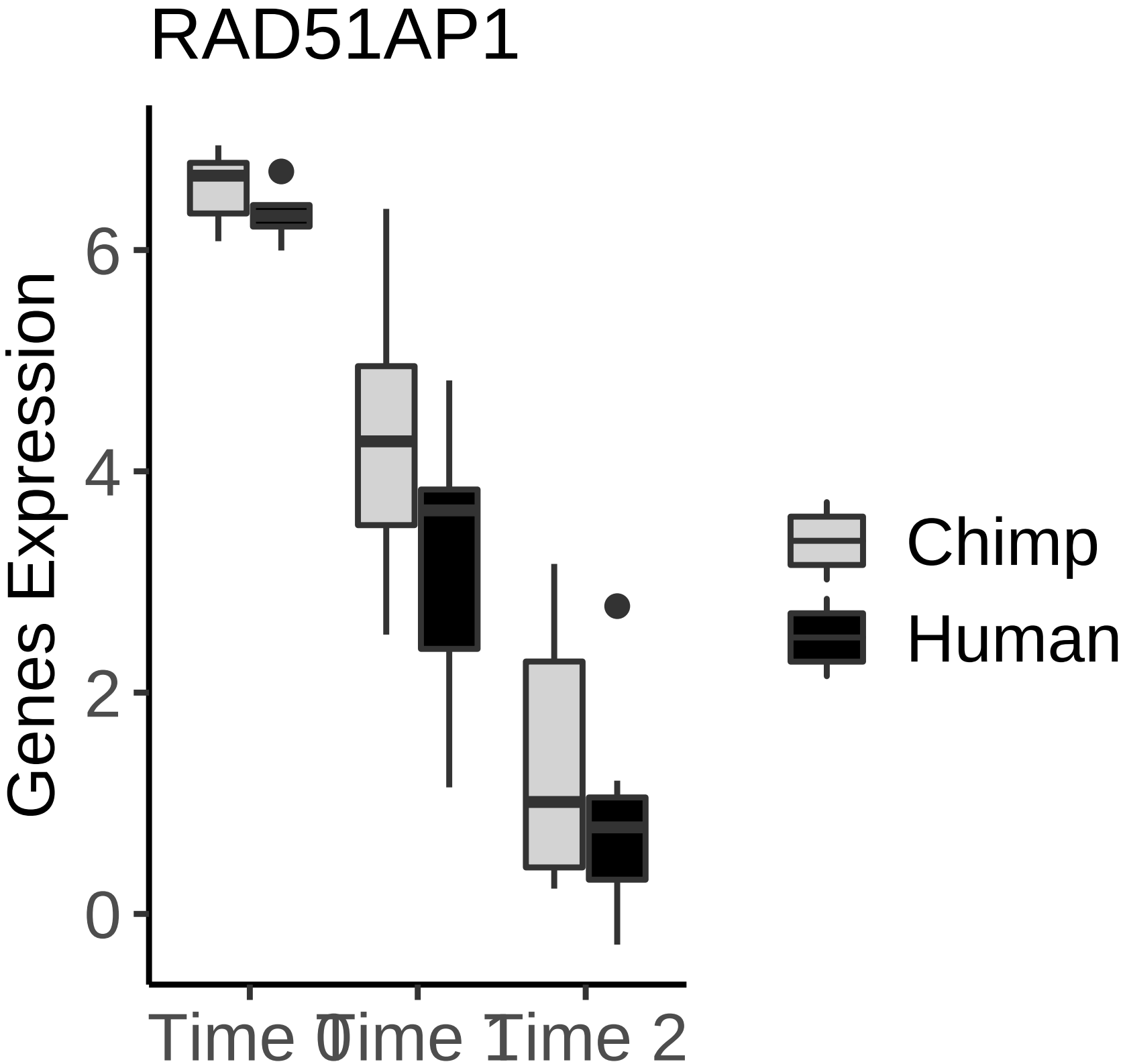
RAD51AP1
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Time 2
Chimp
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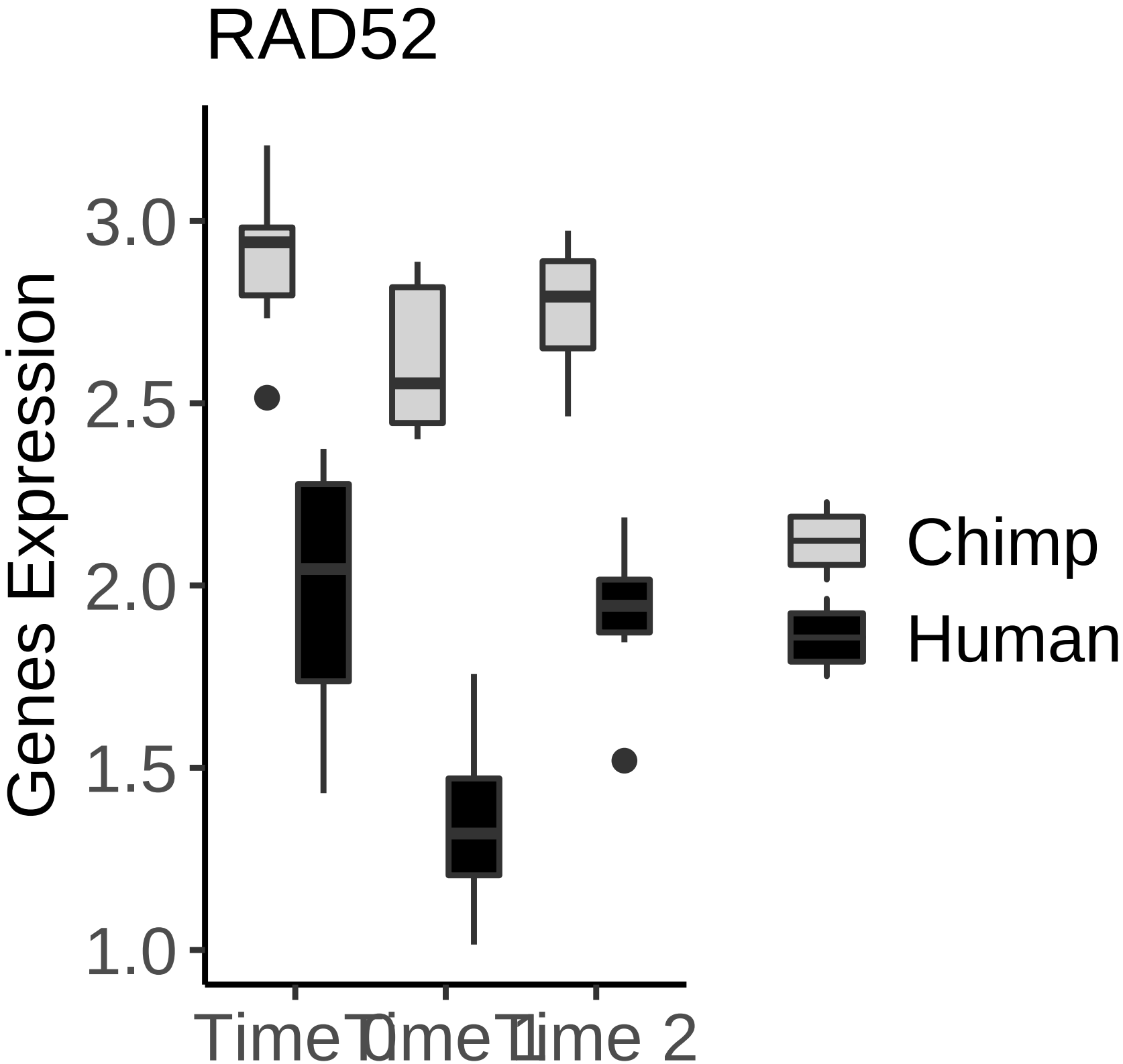
RAD52
Genes Expression
3.0
2.5
2.0
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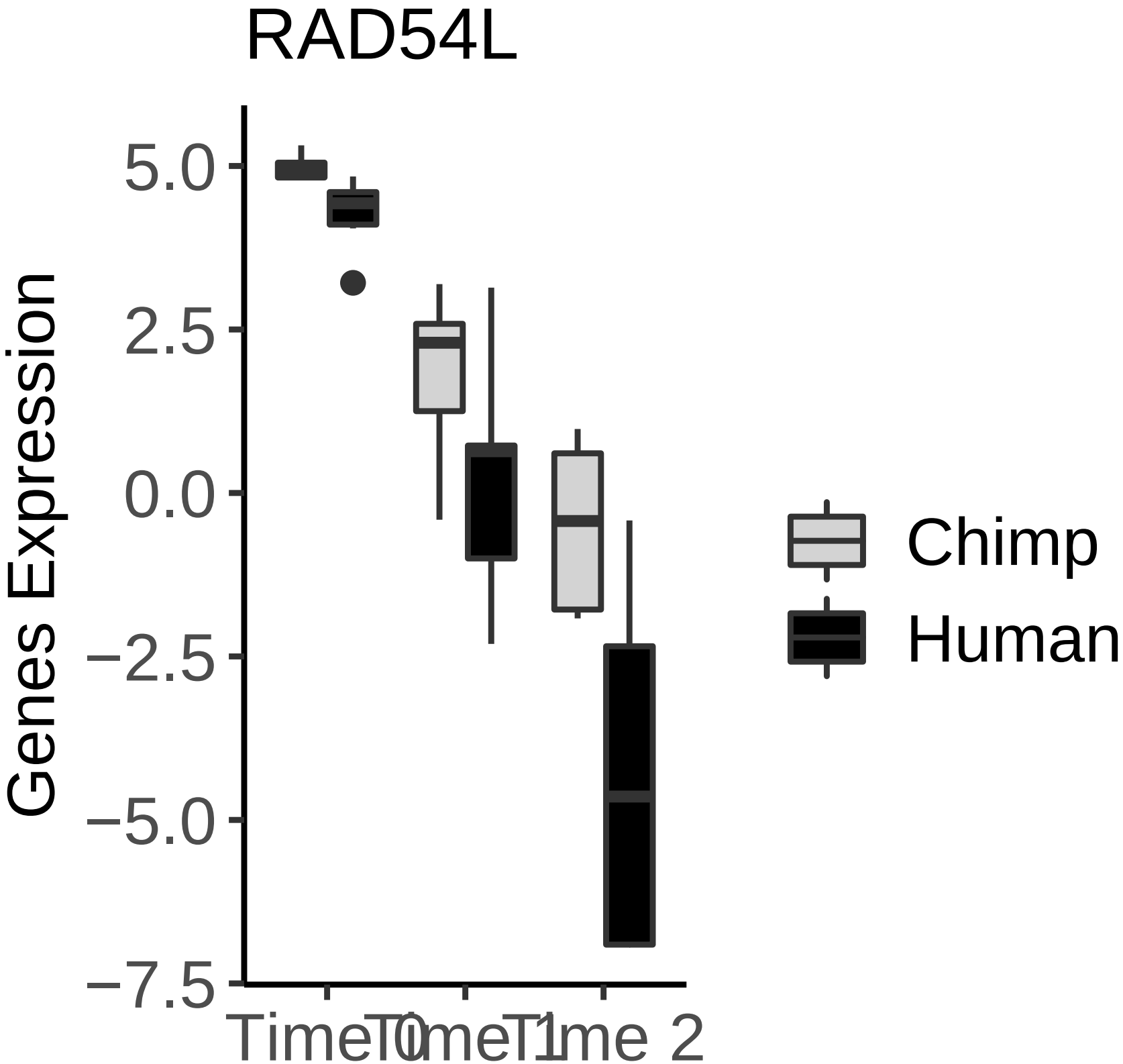
1.0
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
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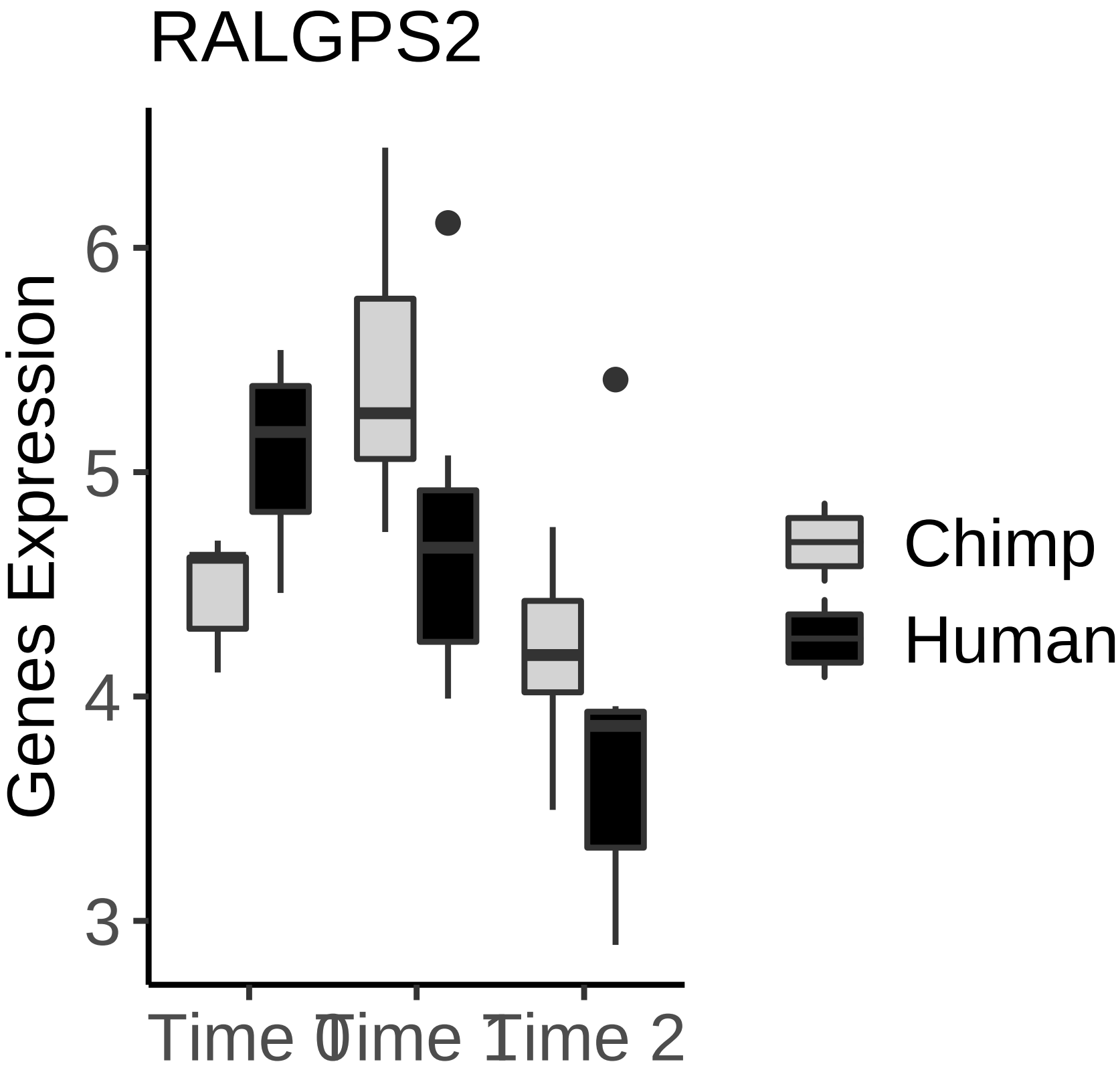
−7.5
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
6
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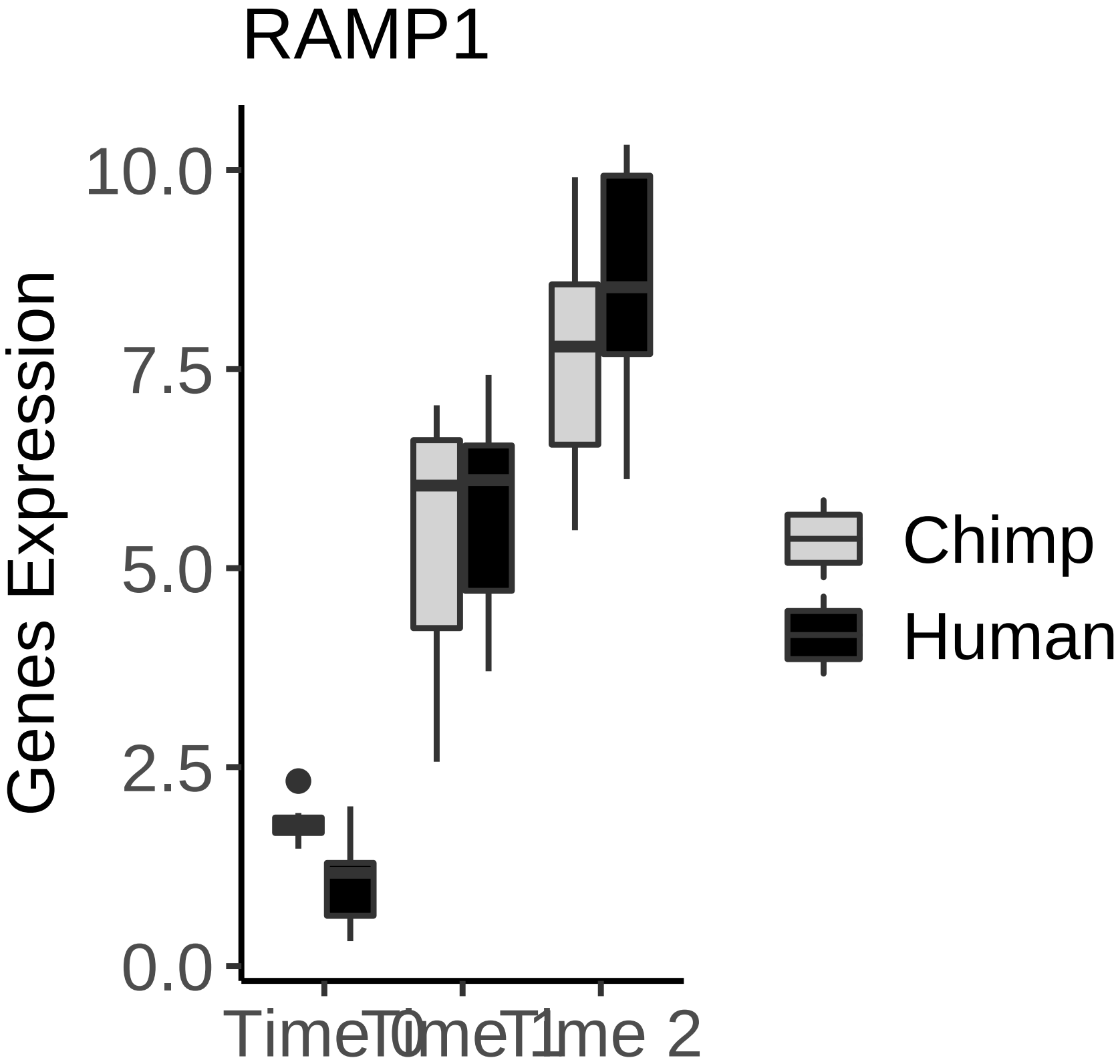
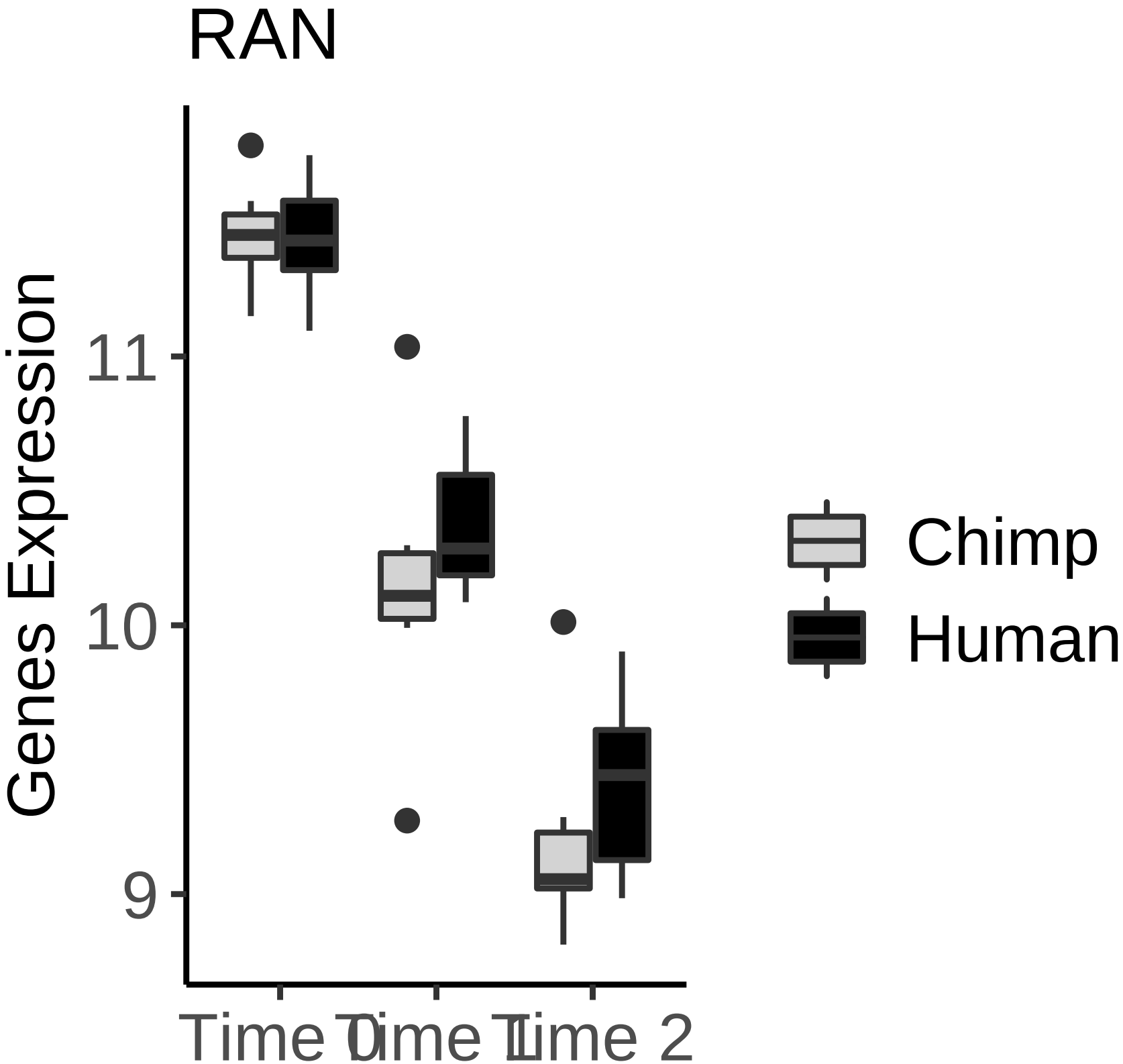
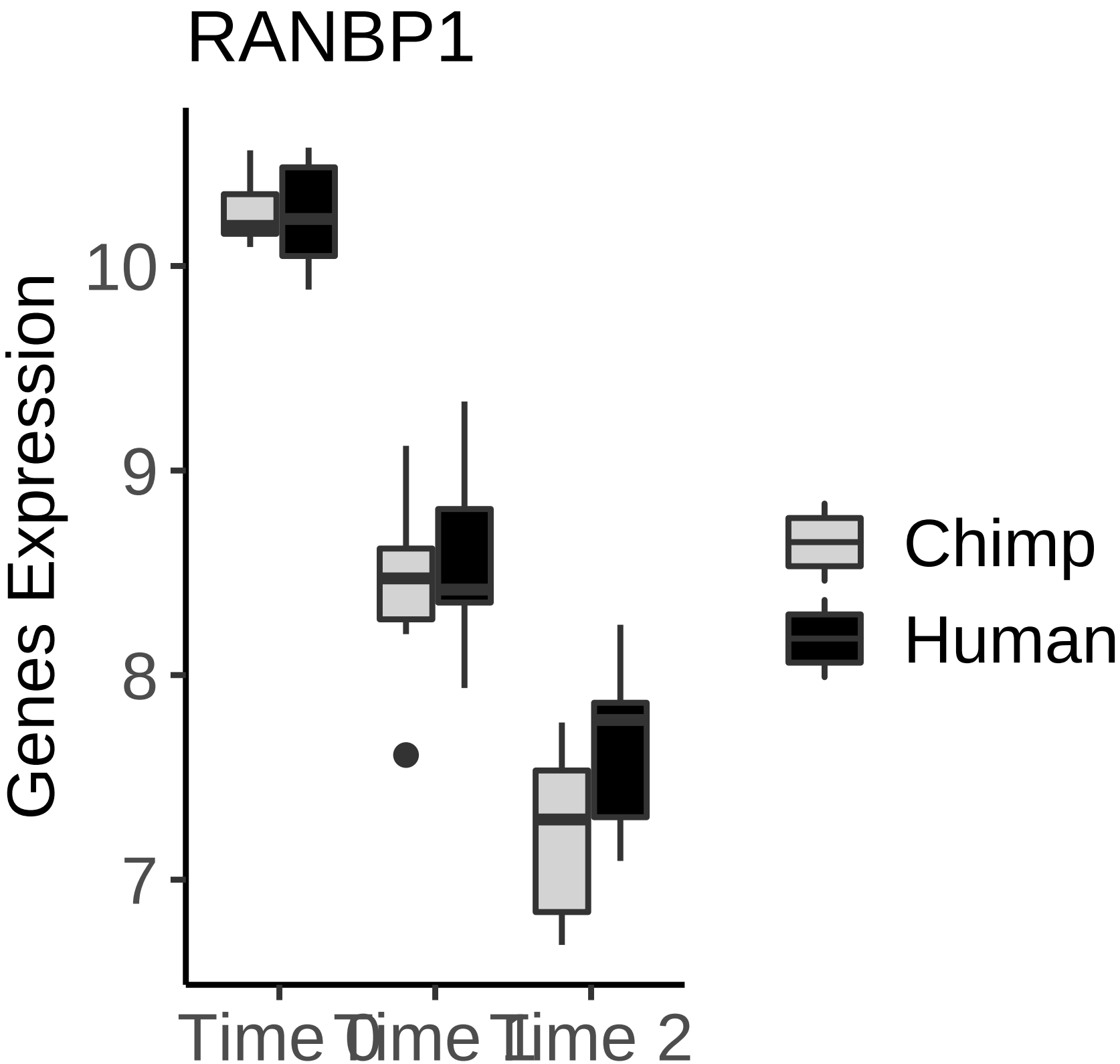
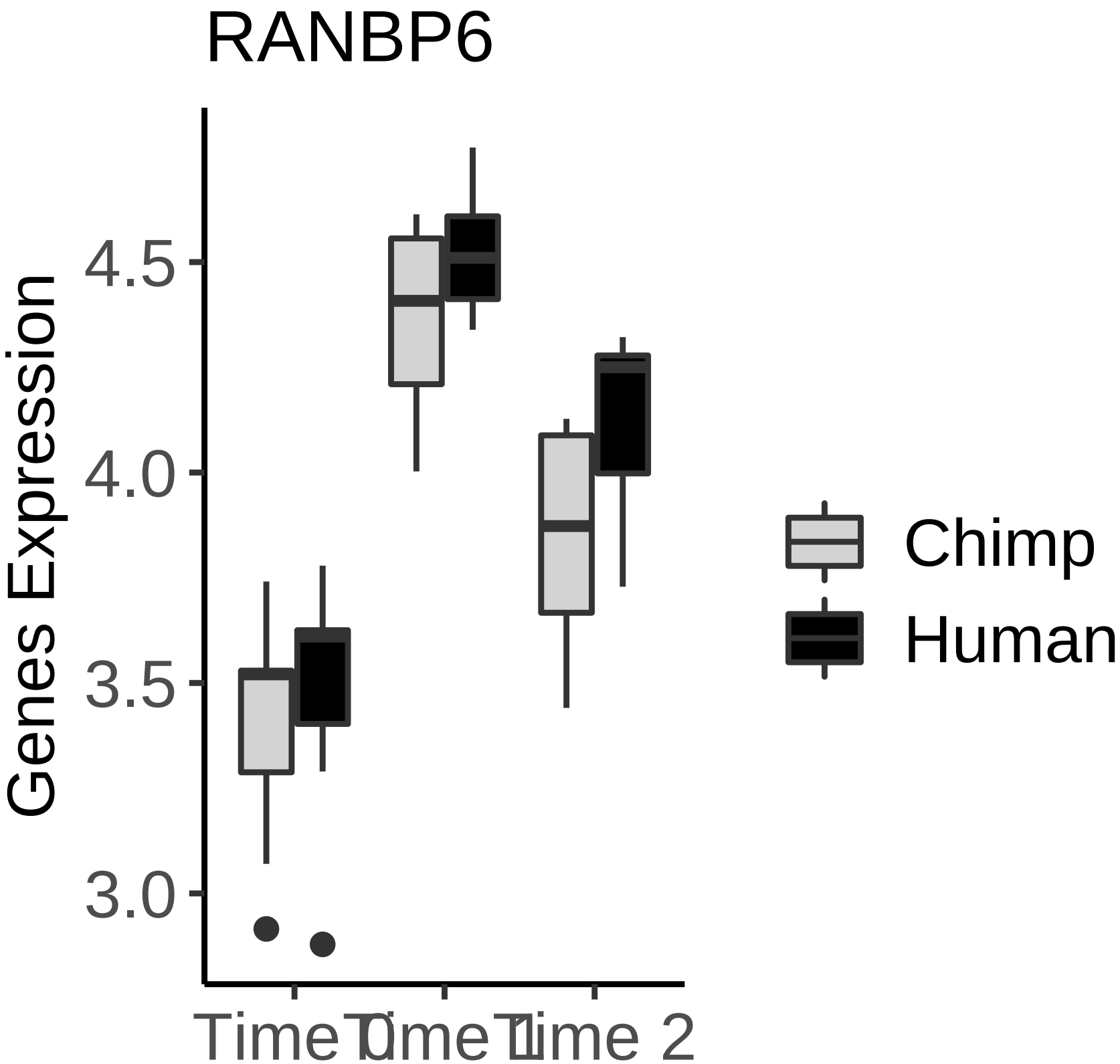
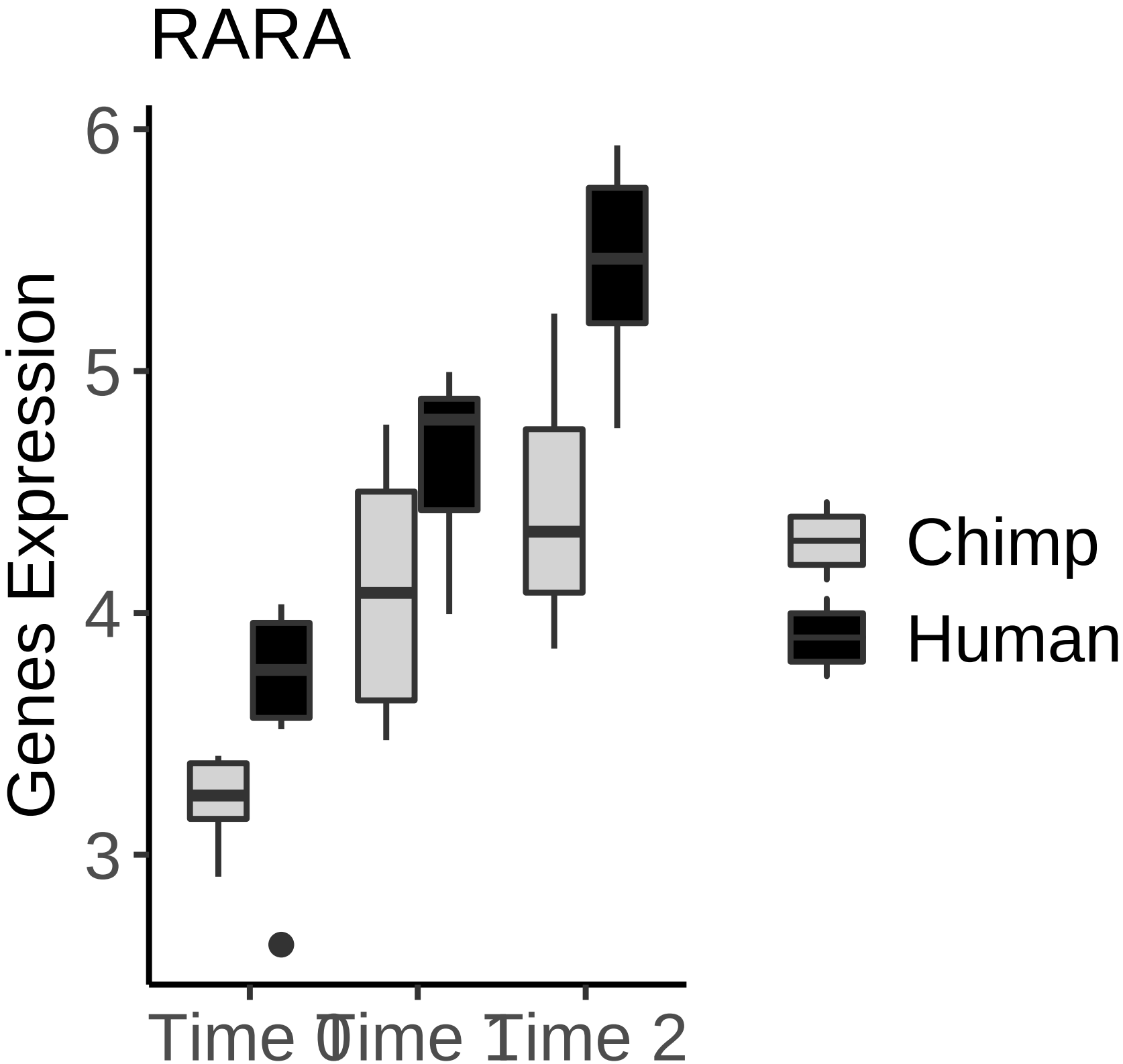
Time 0
Time 1
Time 2
Chimp
Human

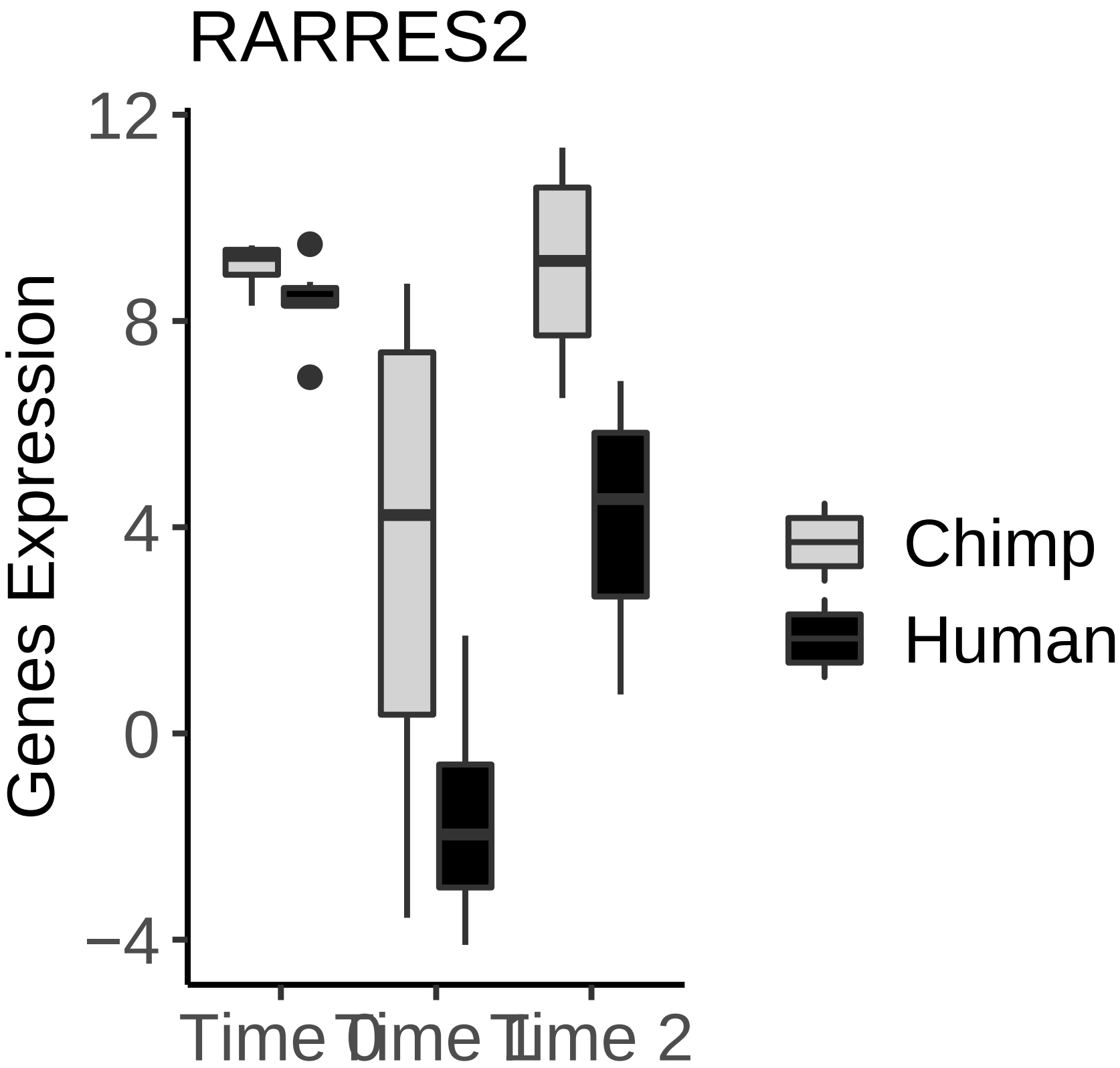

RAMP1
Genes Expression
10.0
7.5
5.0
2.5
0.0
Time 0
Time 1
Time 2
Chimp
Human


RAN
Genes Expression
11
10
9
Time 0
Time 1
Time 2
Chimp
Human


RANBP1
Genes Expression
10
9
8
7
Time 0
Time 1
Time 2
Chimp
Human


RANBP6
Genes Expression
4.5
4.0
3.5
3.0
Time 0
Time 1
Time 2
Chimp
Human


RARA
Genes Expression
6
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


RARRES2
Genes Expression
12
8
4
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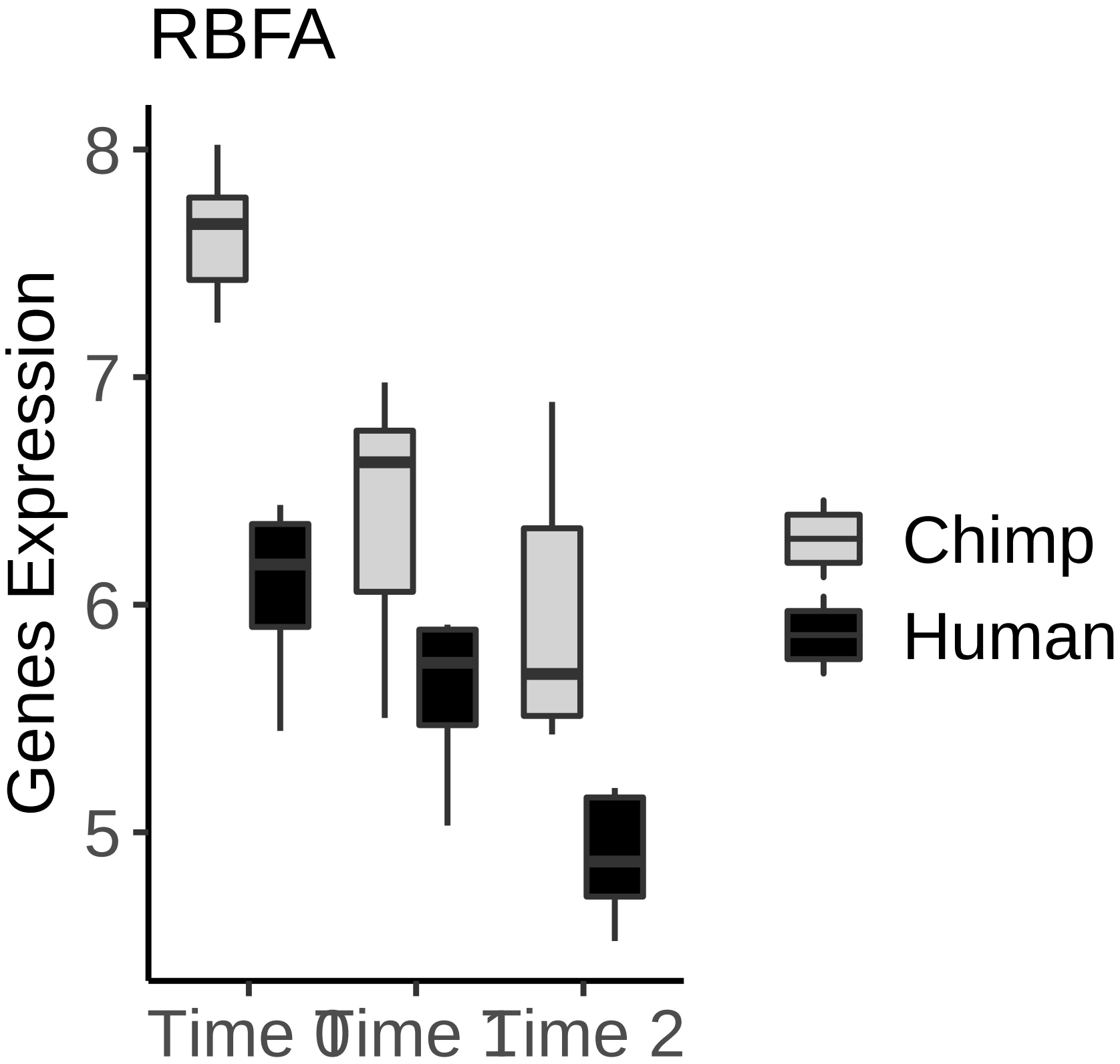
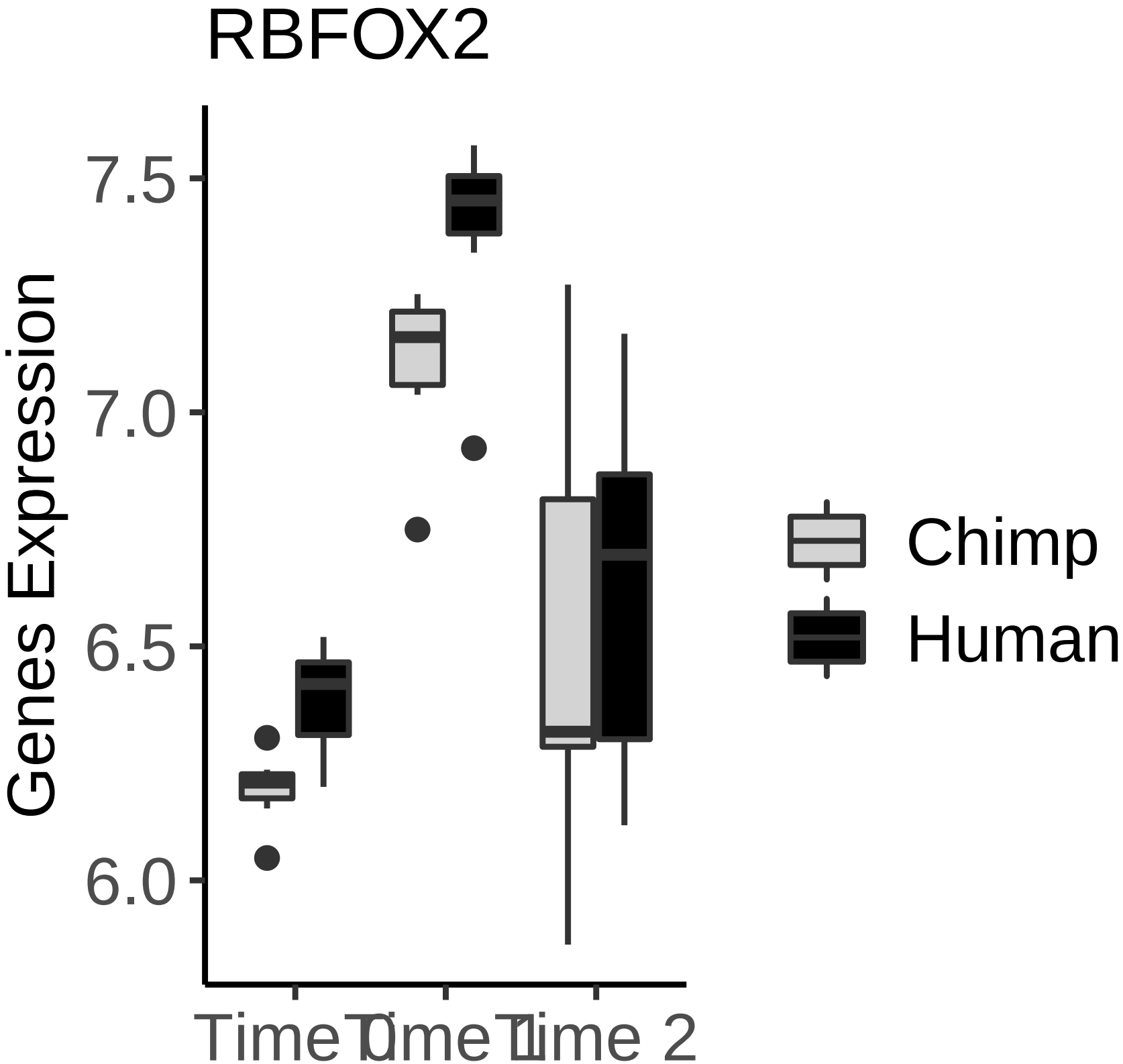
−4
Time 0
Time 1
Time 2
Chimp
Human


RBFA
Genes Expression
8
7
6
5
Time 0
Time 1
Time 2
Chimp
Human


RBFOX2
Genes Expression
7.5
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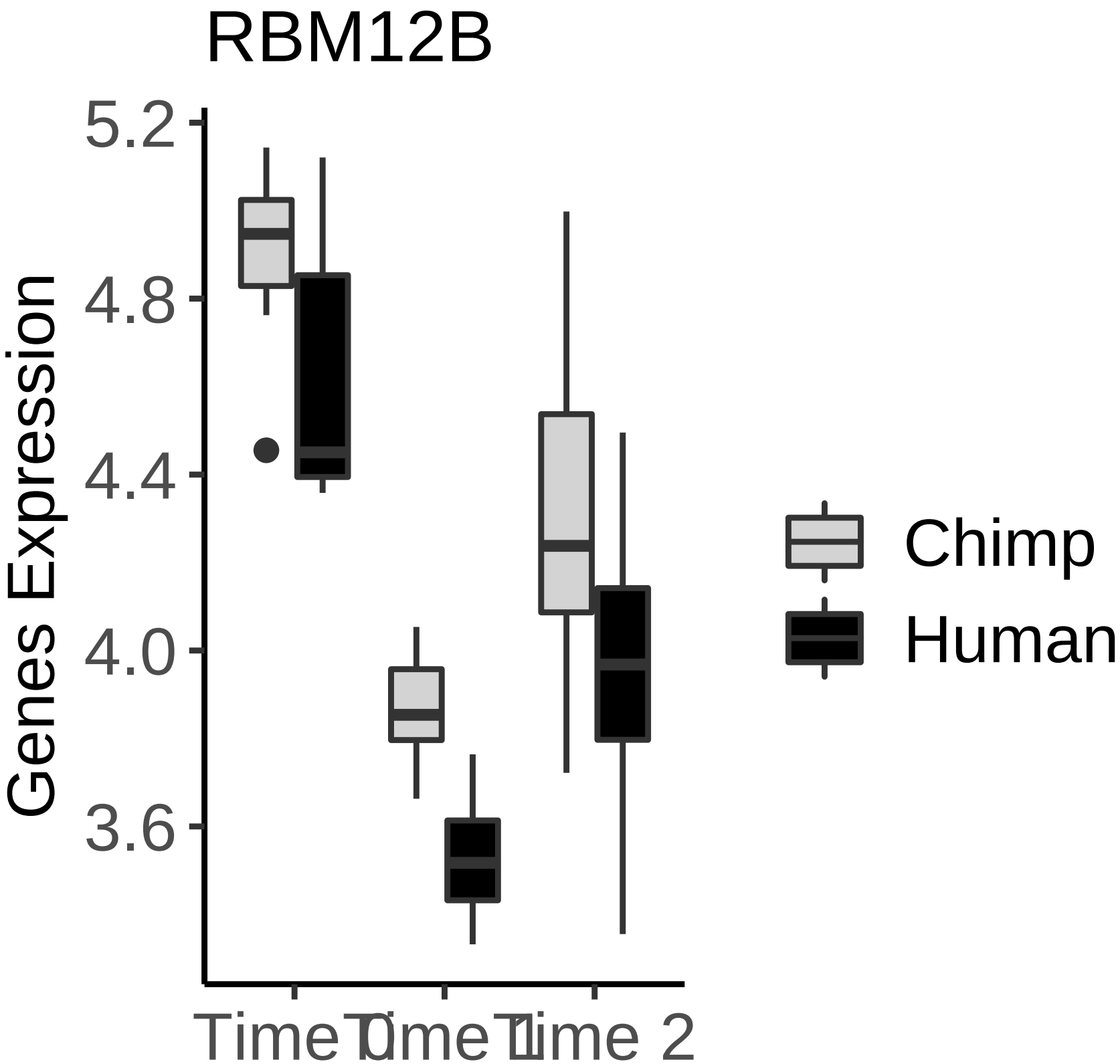
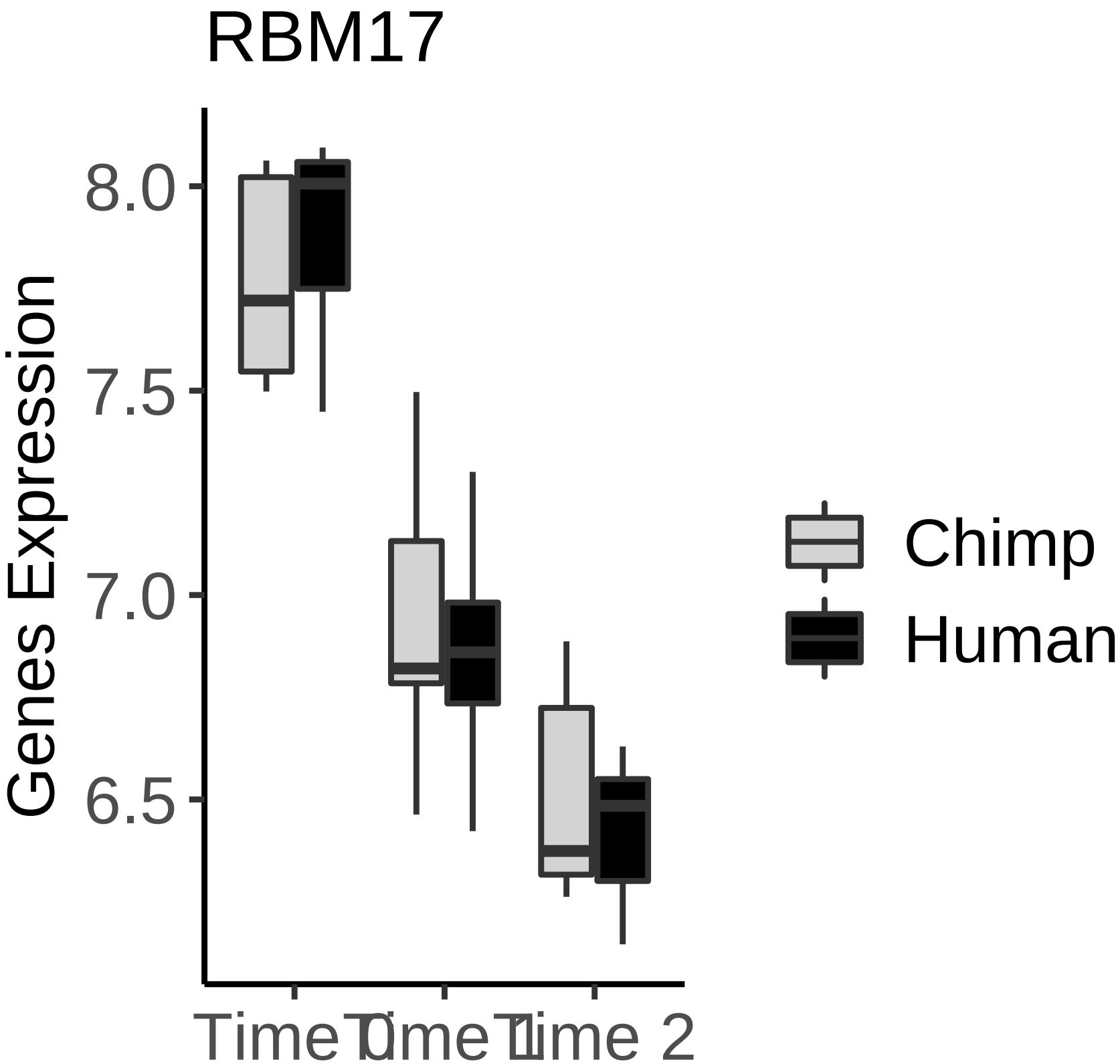
6.5
6.0
Time 0
Time 1
Time 2
Chimp
Human


RBM12B
Genes Expression
5.2
4.8
4.4
4.0
3.6
Time 0
Time 1
Time 2
Chimp
Human


RBM17
Genes Expression
8.0
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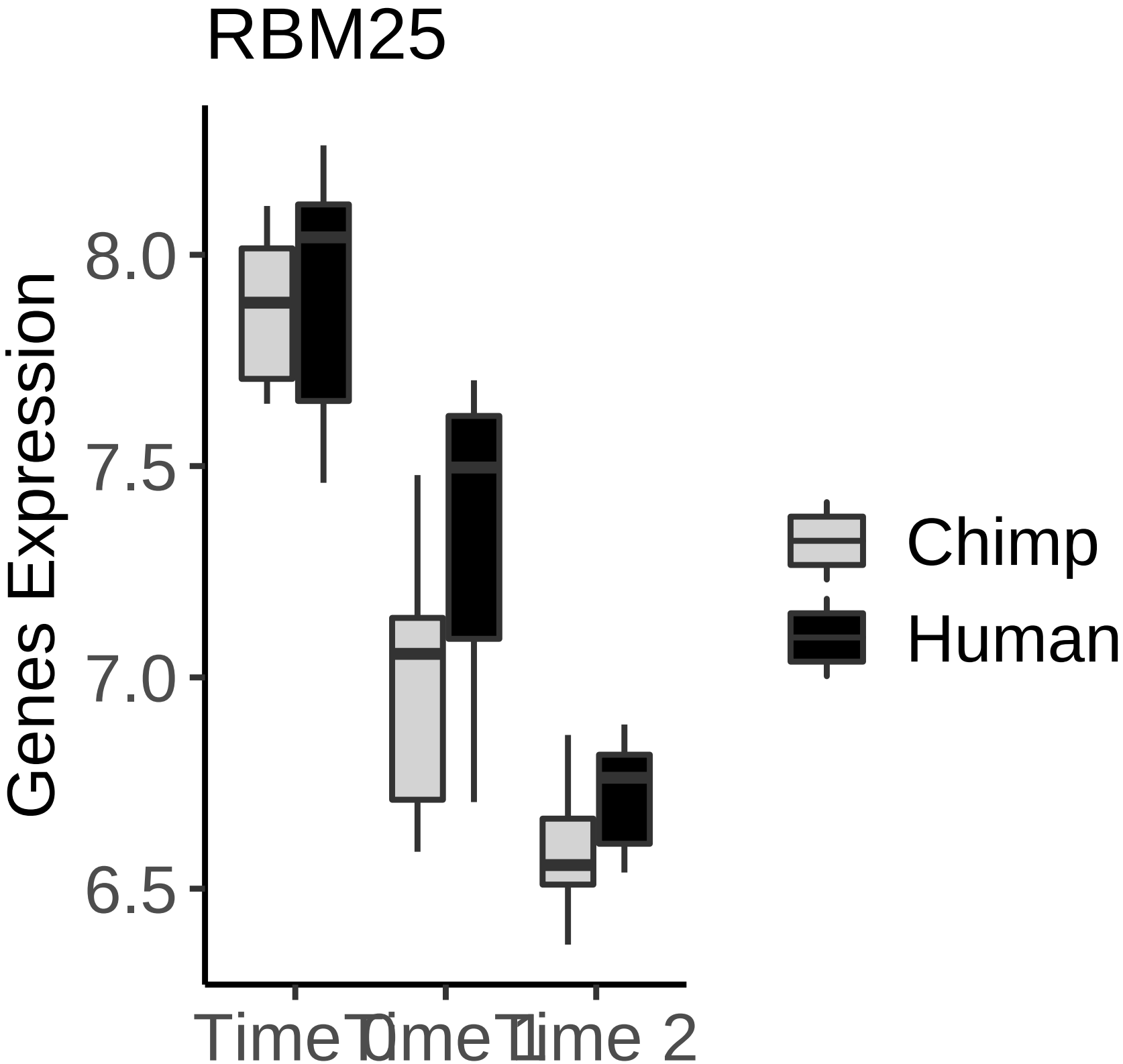
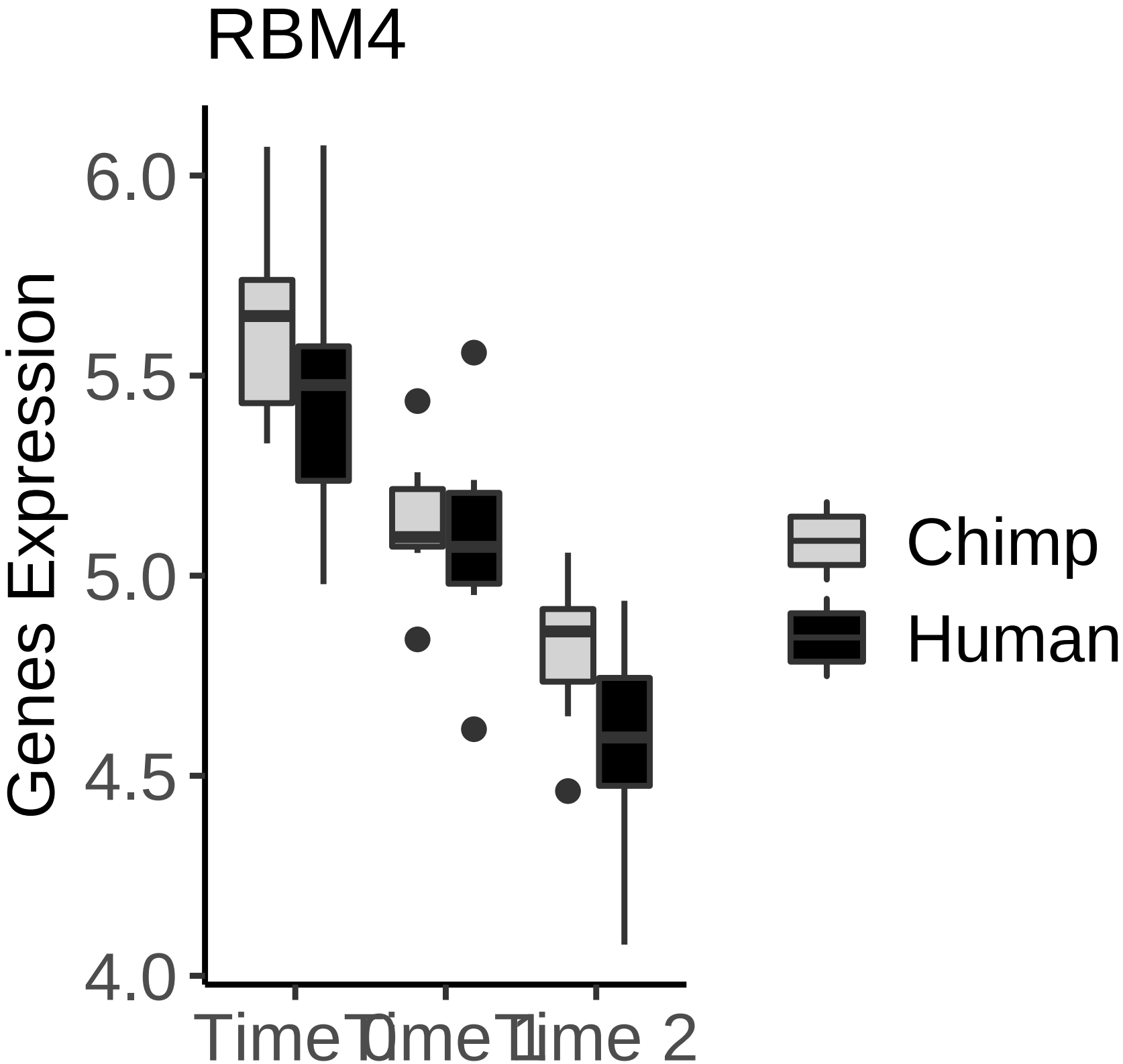
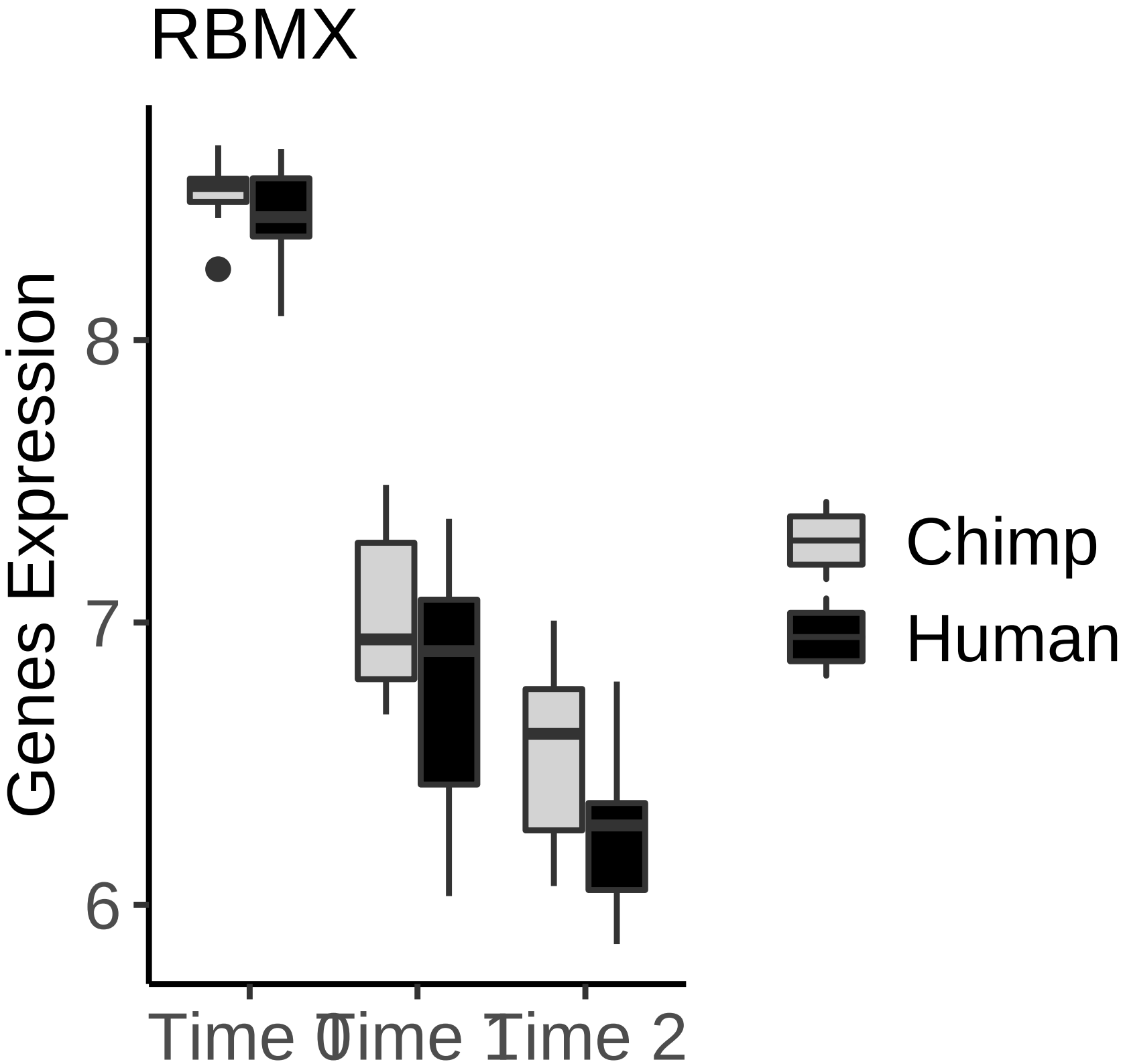
7.0
6.5
Time 0
Time 1
Time 2
Chimp
Human


RBM25
Genes Expression
8.0
7.5
7.0
6.5
Time 0
Time 1
Time 2
Chimp
Human


RBM4
Genes Expression
6.0
5.5
5.0
4.5
4.0
Time 0
Time 1
Time 2
Chimp
Human


RBMX
Genes Expression
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7
6
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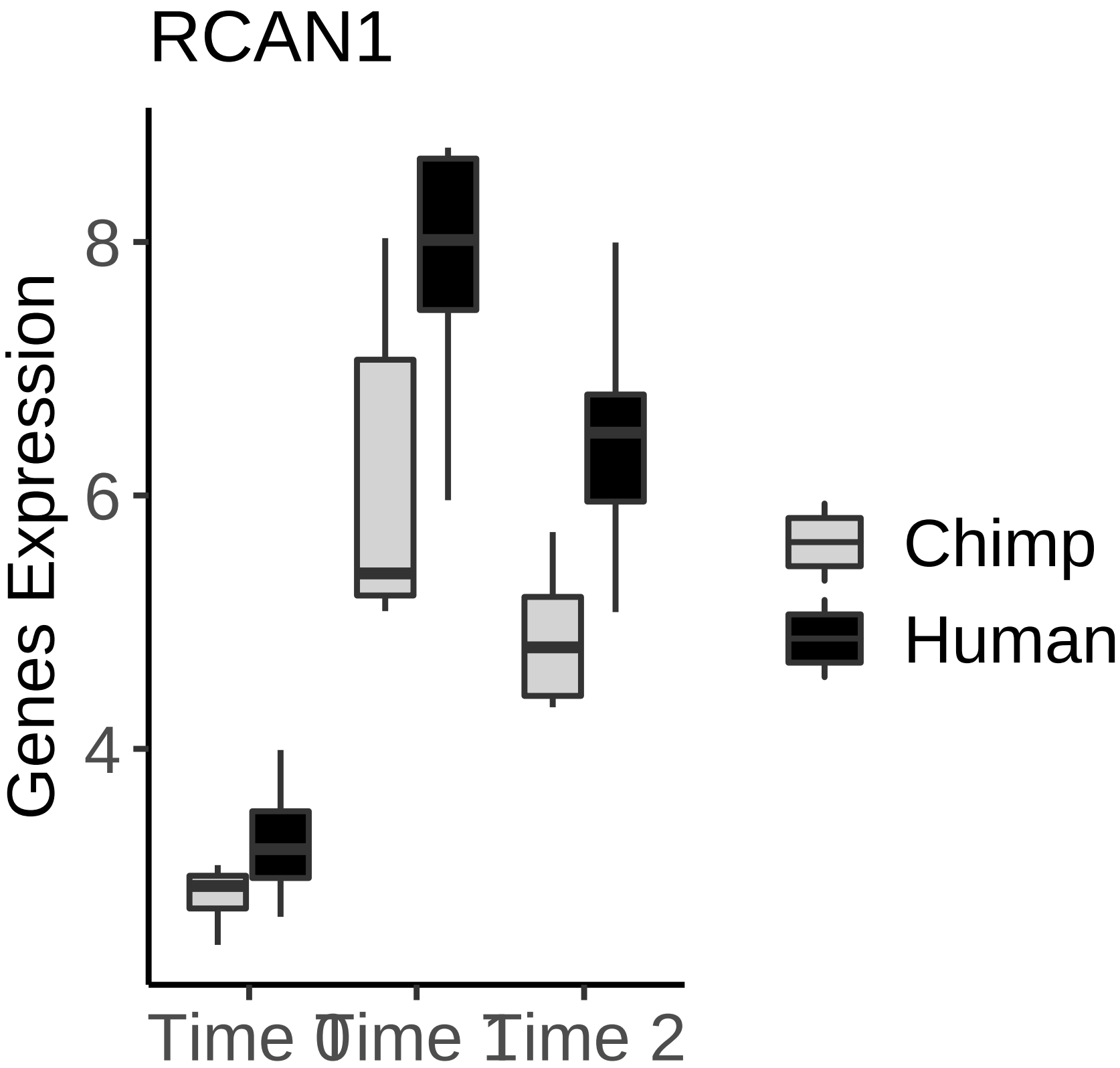
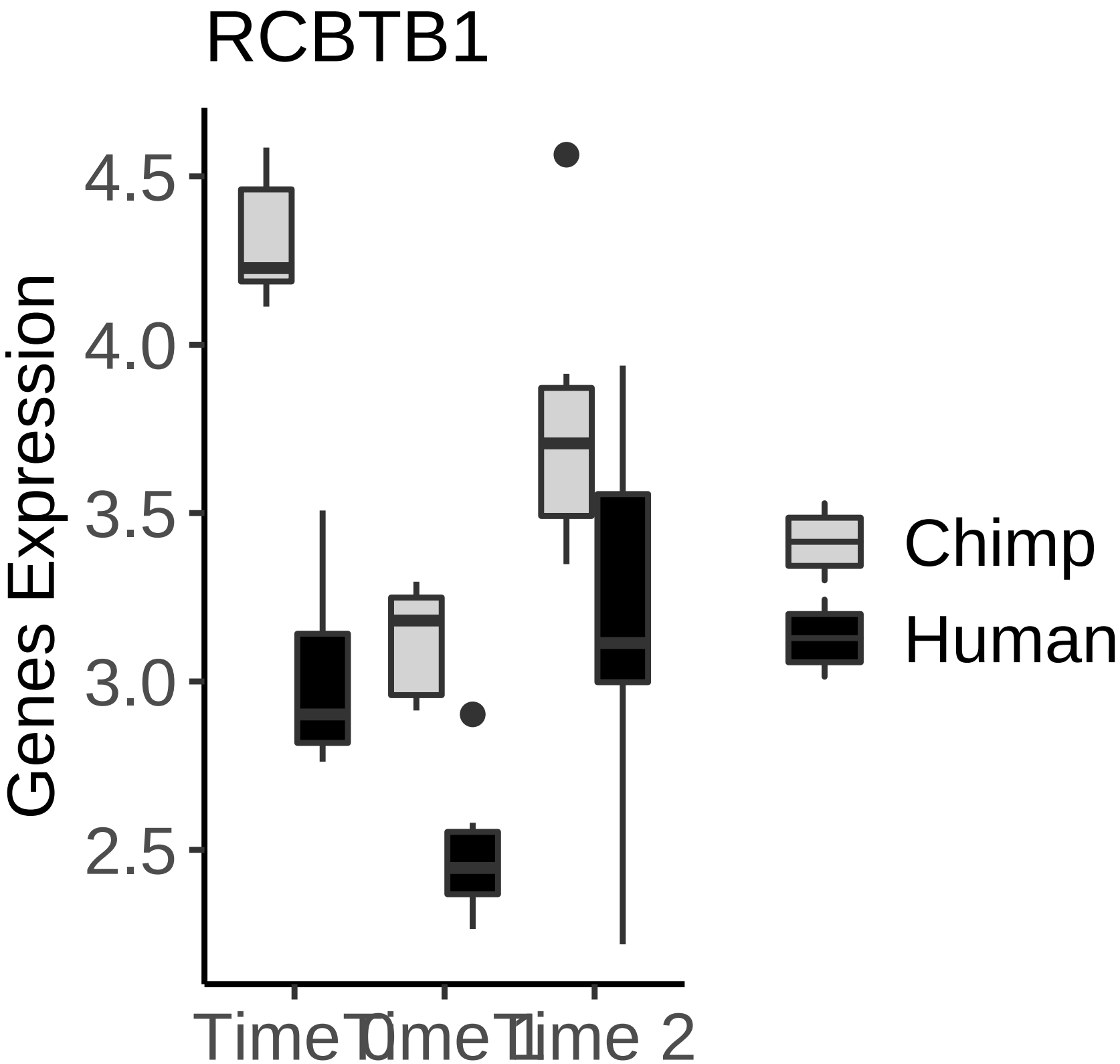
Time 1
Time 2
Chimp
Human


RCAN1
Genes Expression
8
6
4
Time 0
Time 1
Time 2
Chimp
Human


RCBTB1
Genes Expression
4.5
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3.5
3.0
2.5
Time 0
Time 1
Time 2
Chimp
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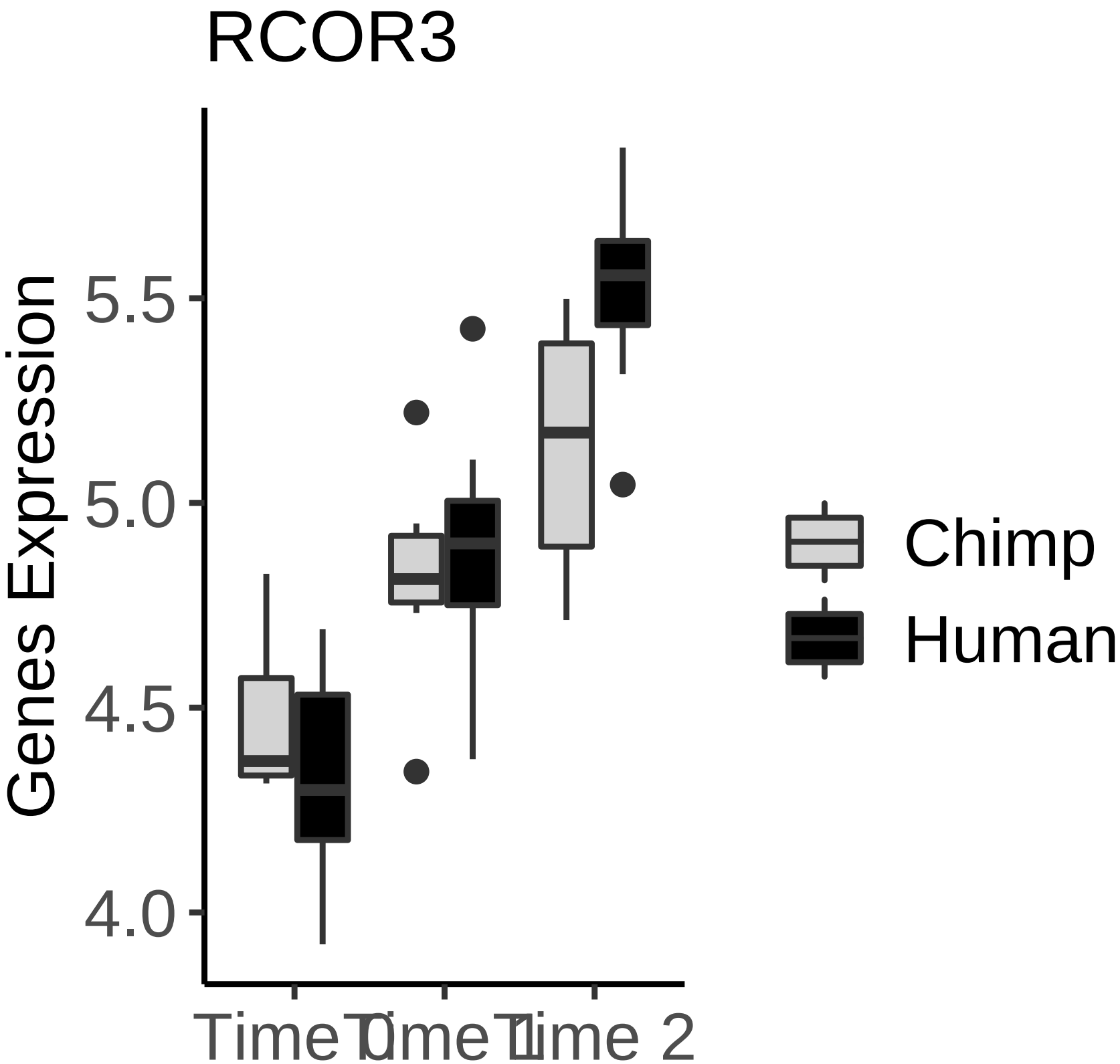
RCOR3
Genes Expression
5.5
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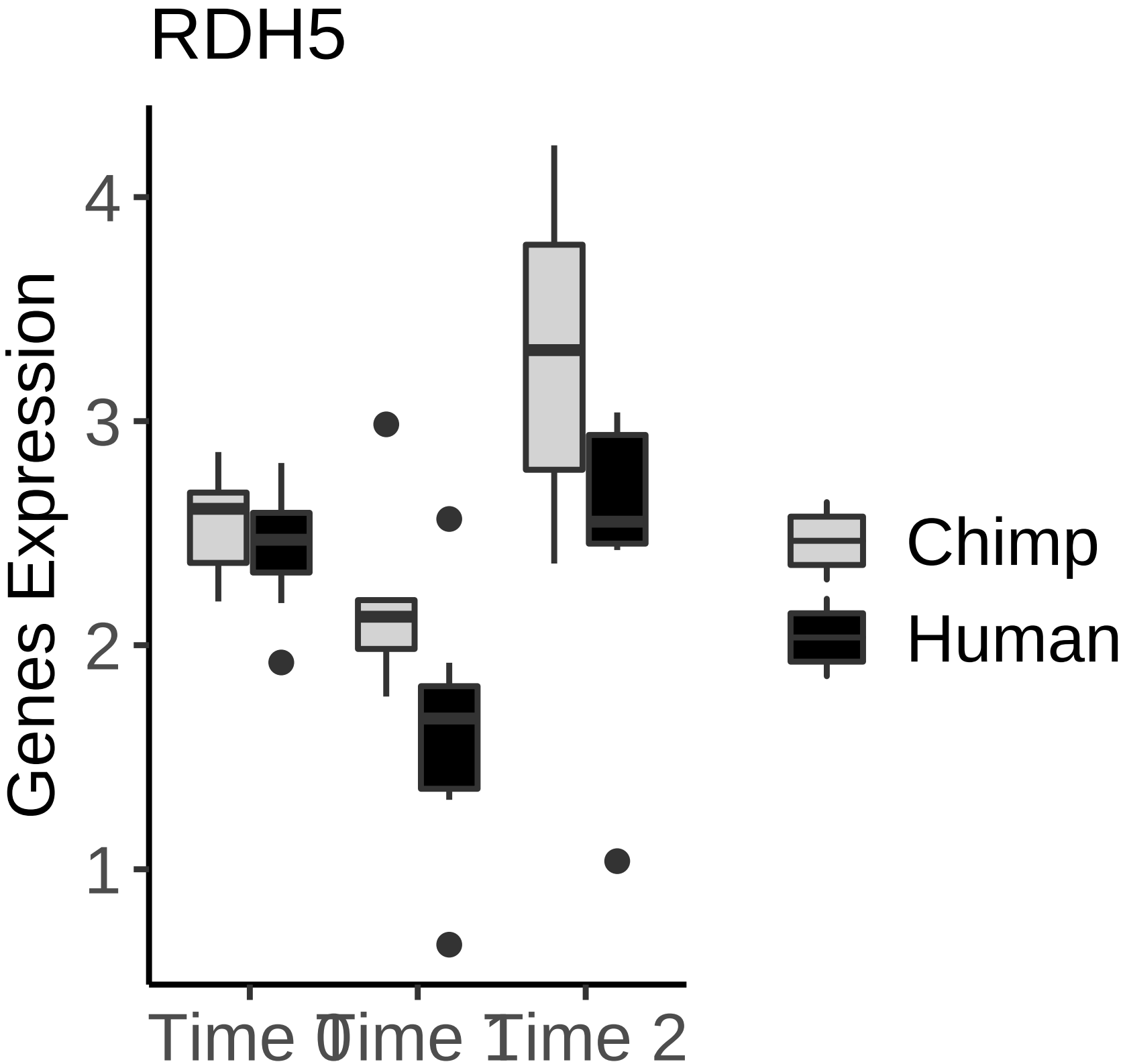
4.0
Time 0
Time 1
Time 2
Chimp
Human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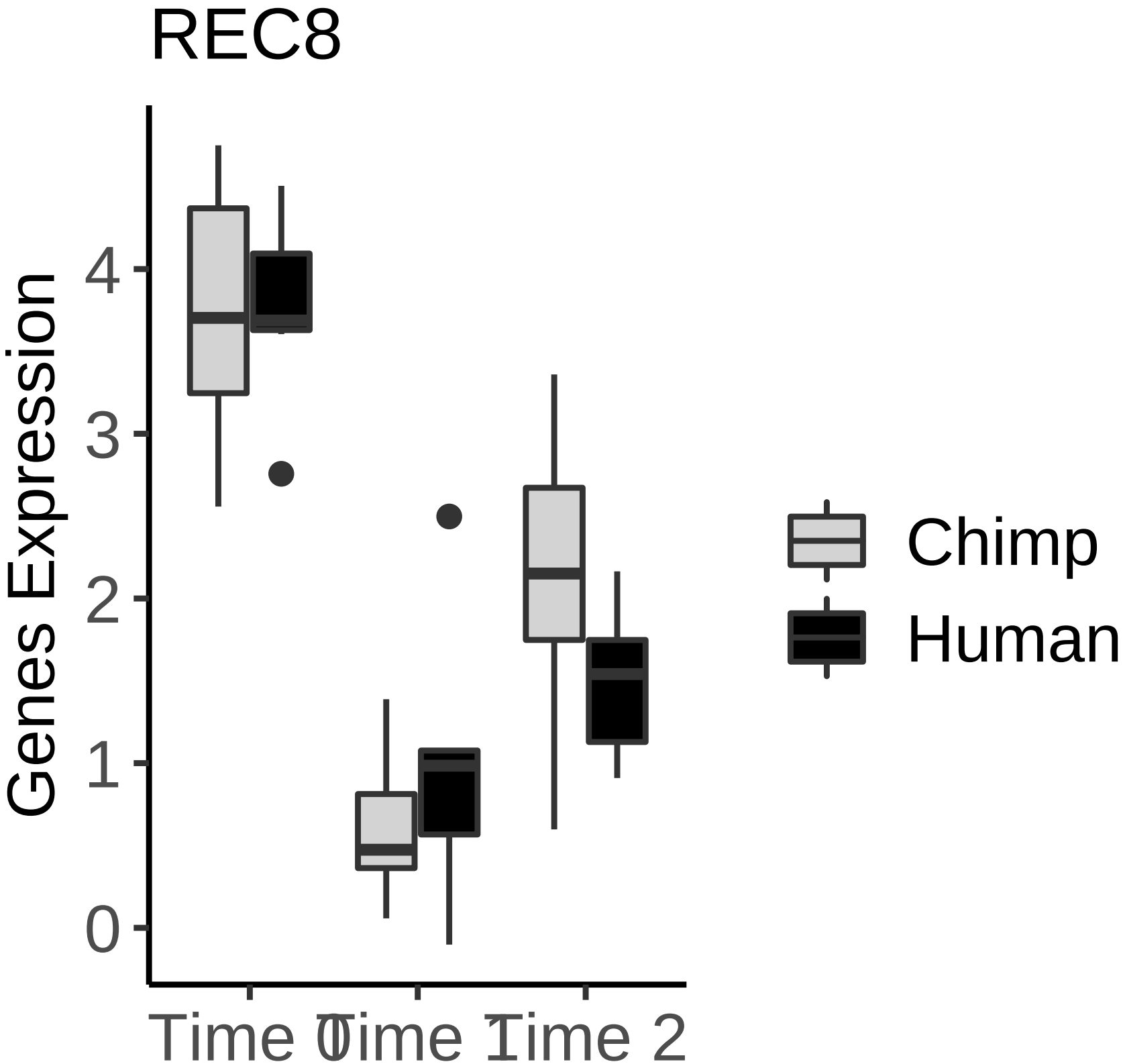
Genes Expression
4
3
2
1
Time 0
Time 1
Time 2
Chimp
Human


REC8
Genes Expression
4
3
2
1
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Time 0
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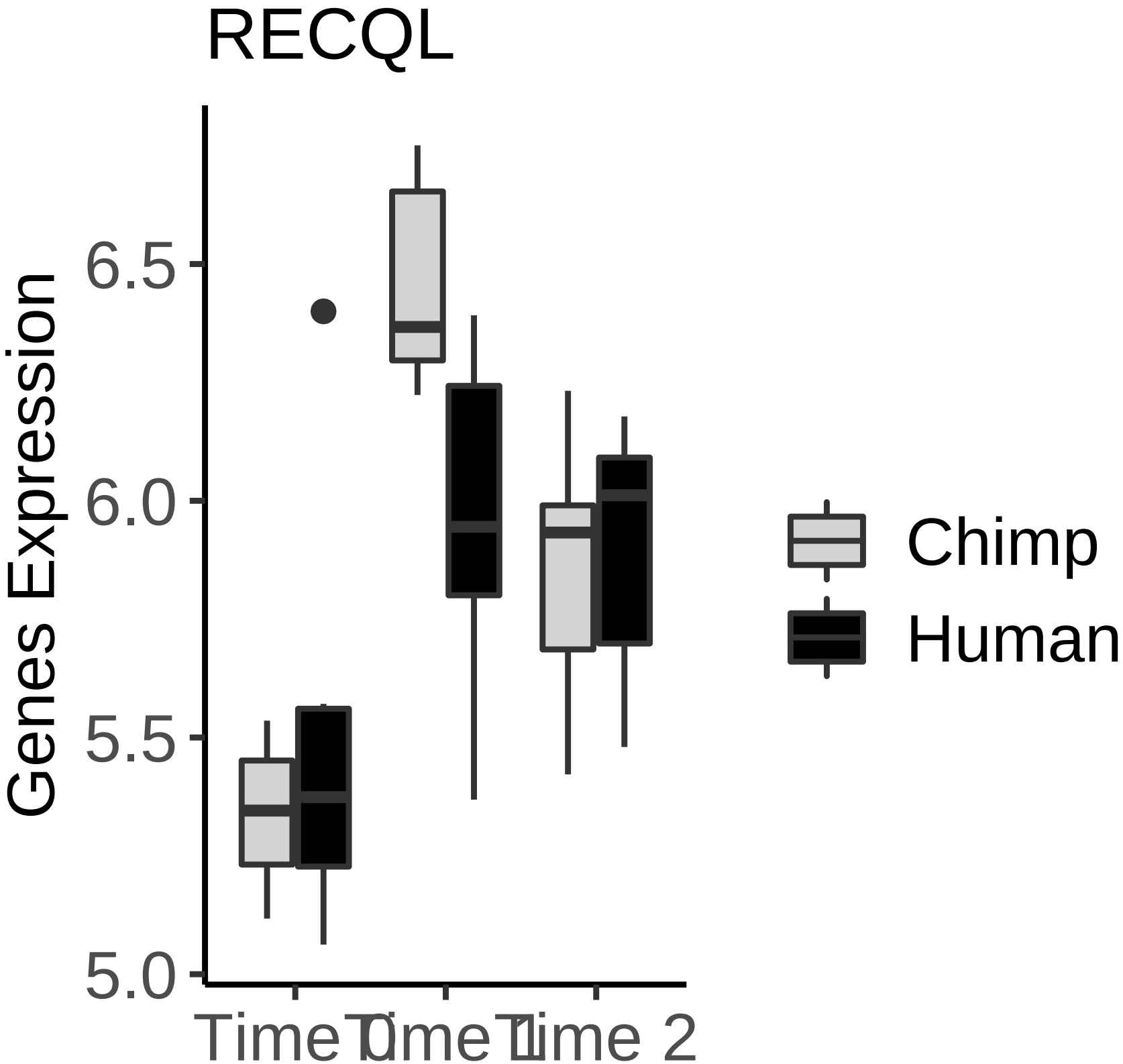
Time 2
Chimp
Human


RECQL
Genes Expression
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Time 1
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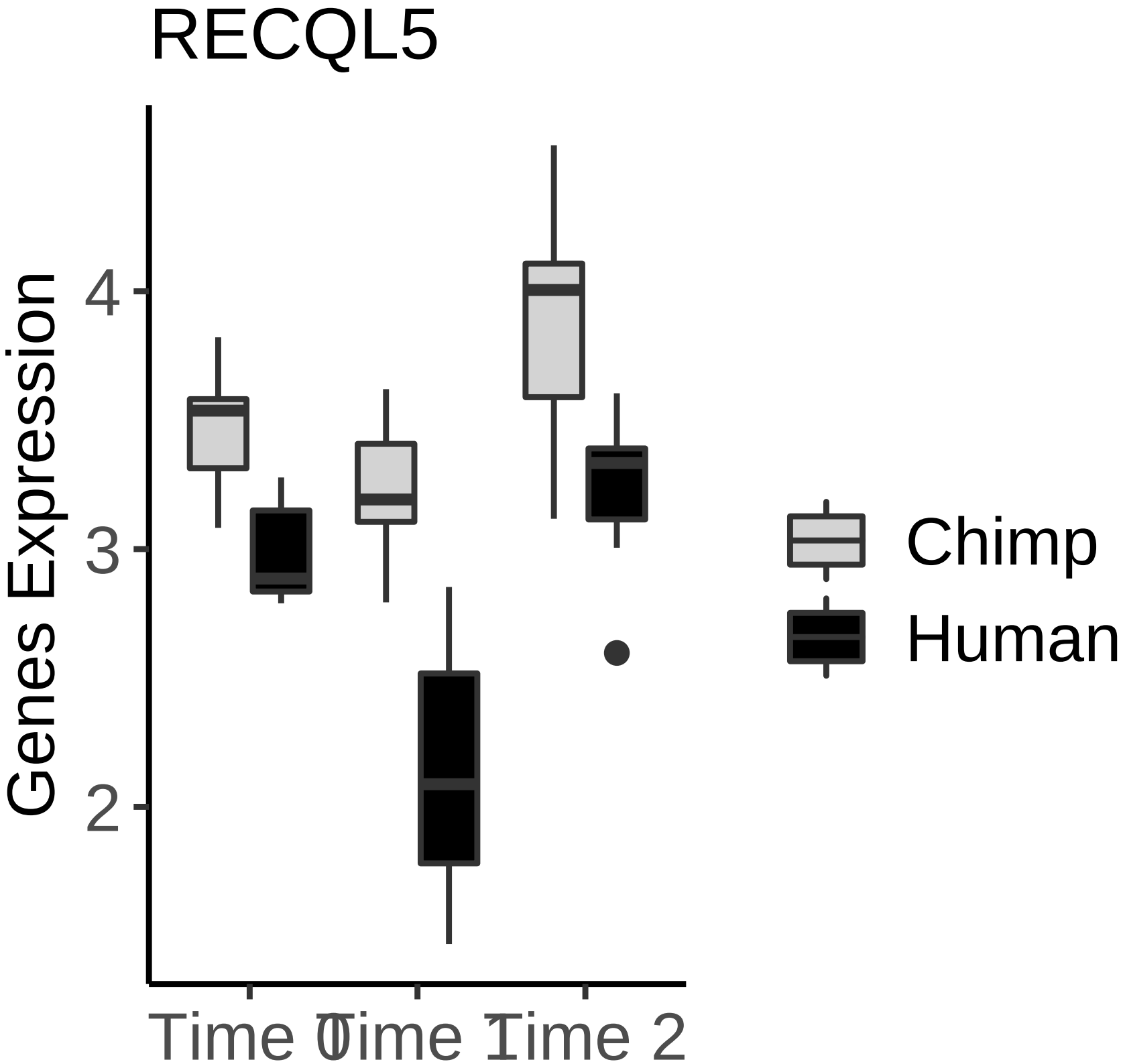
Chimp
Human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Genes Expression
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2
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Time 1
Time 2
Chimp
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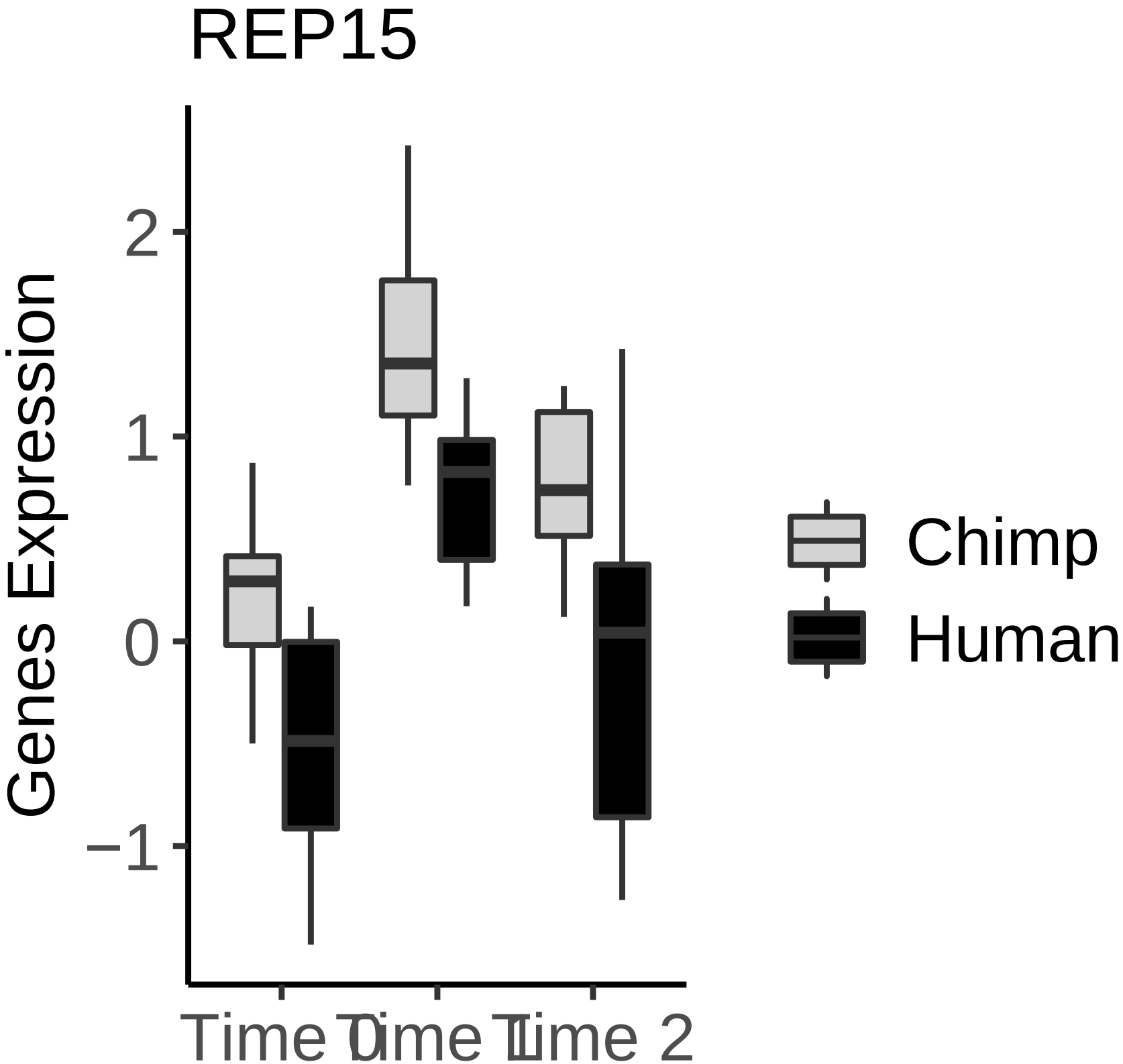
REP15
Genes Expression
2
1
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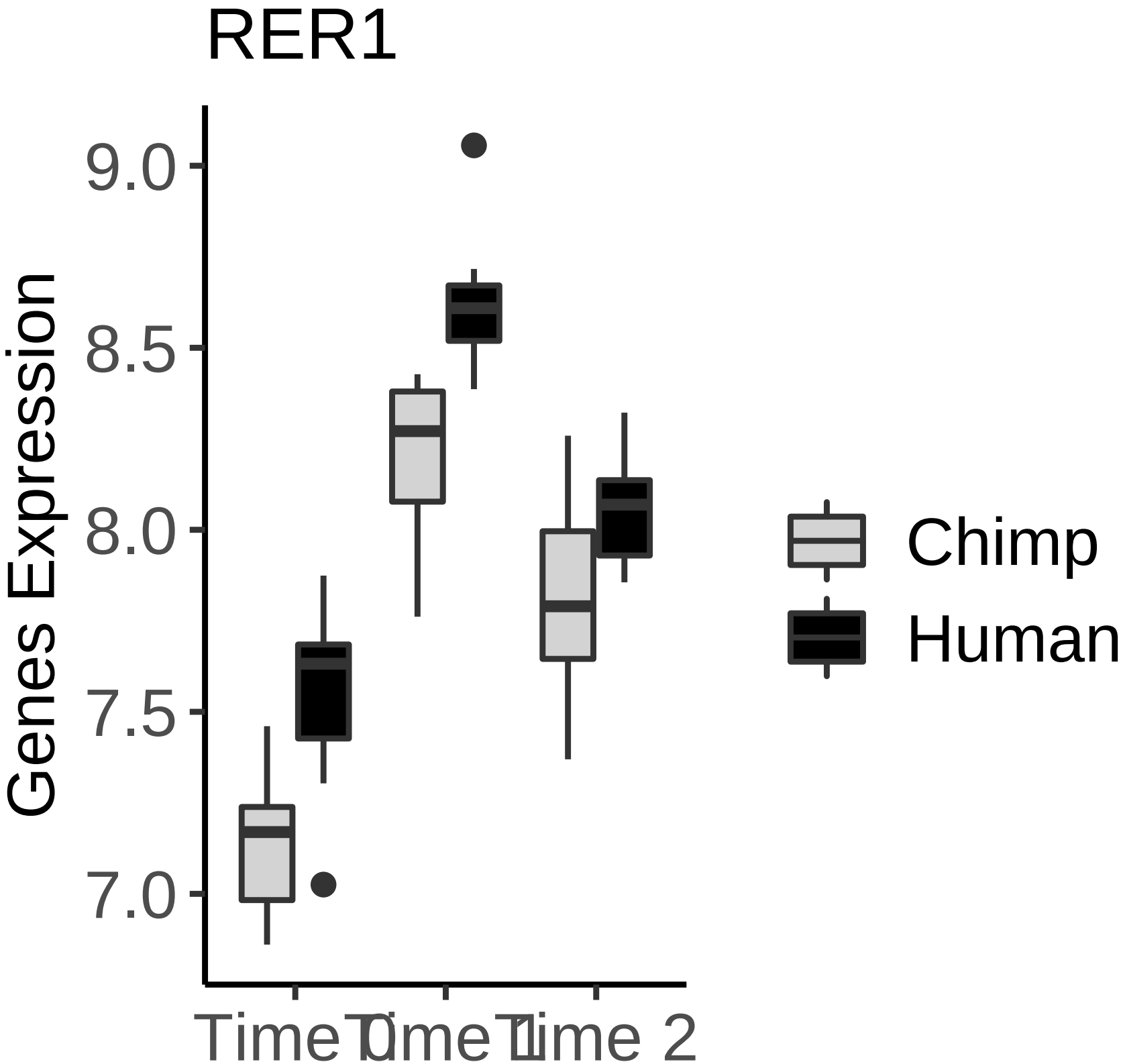
Time 0
Time 1
Time 2
Chimp
Human


RER1
Genes Expression
9.0
8.5
8.0
7.5
7.0
Time 0
Time 1
Time 2
Chimp
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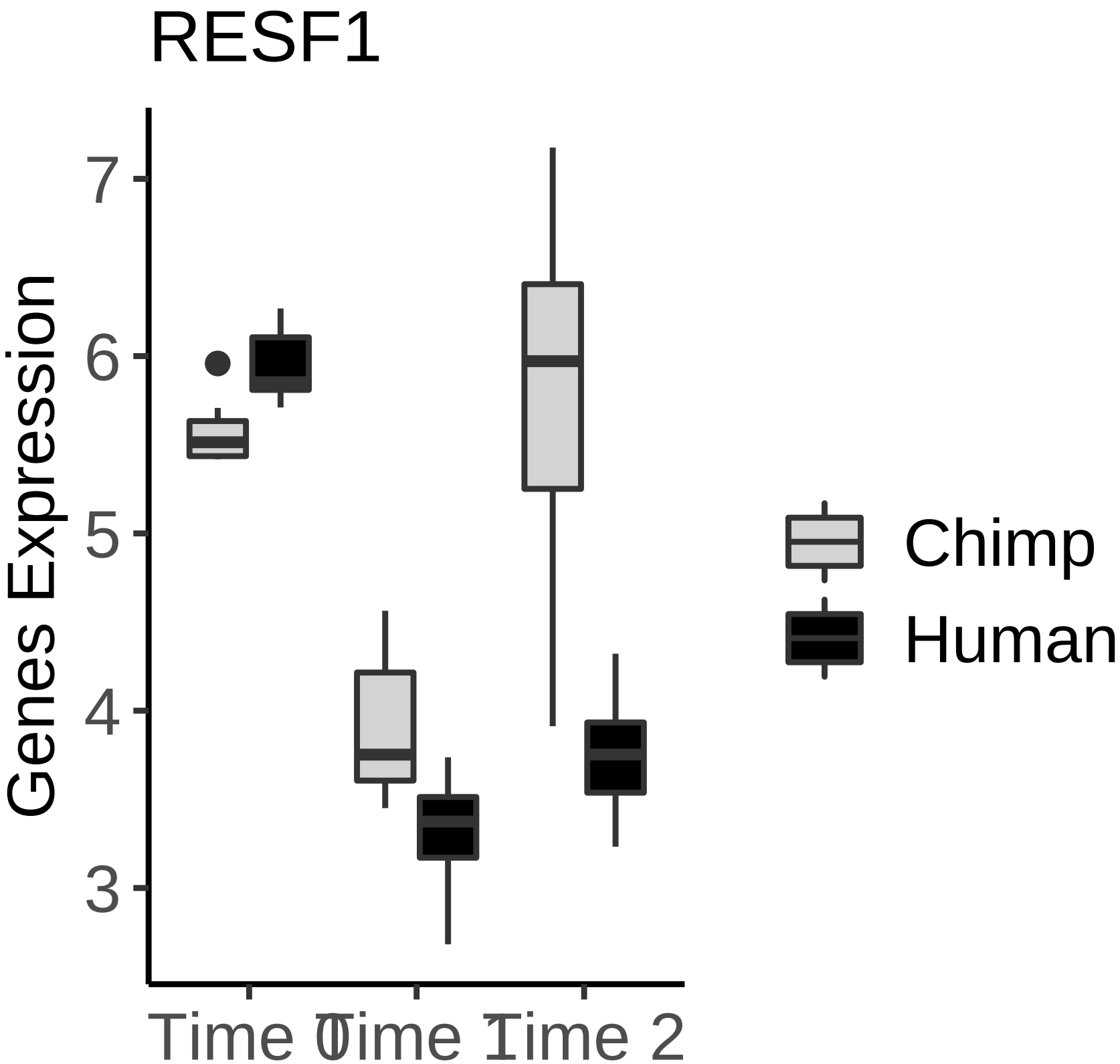
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Genes Expression
7
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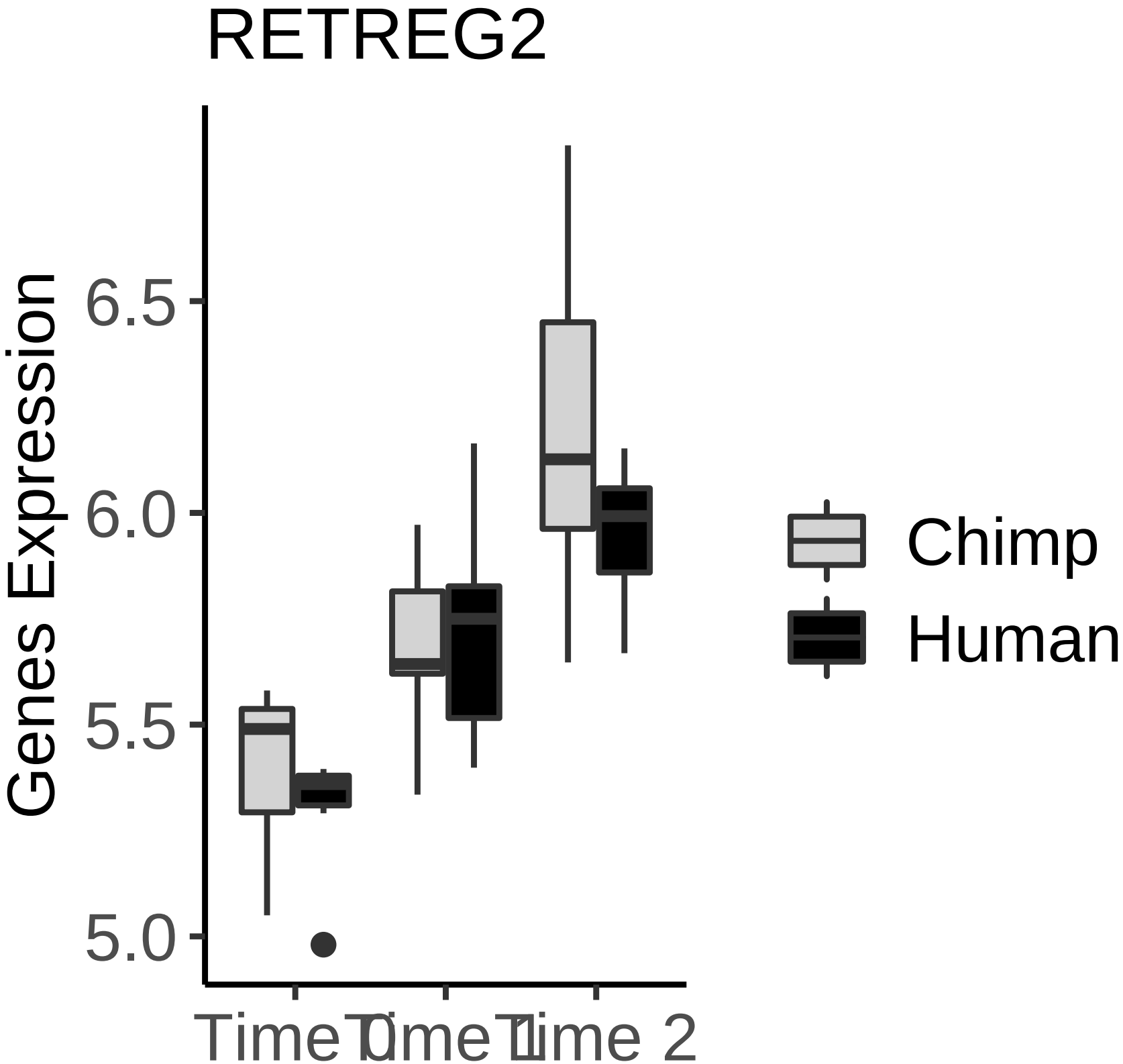
3
Time 0
Time 1
Time 2
Chimp
Human


RETREG2
Genes Expression
6.5
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5.0
Time 0
Time 1
Time 2
Chimp
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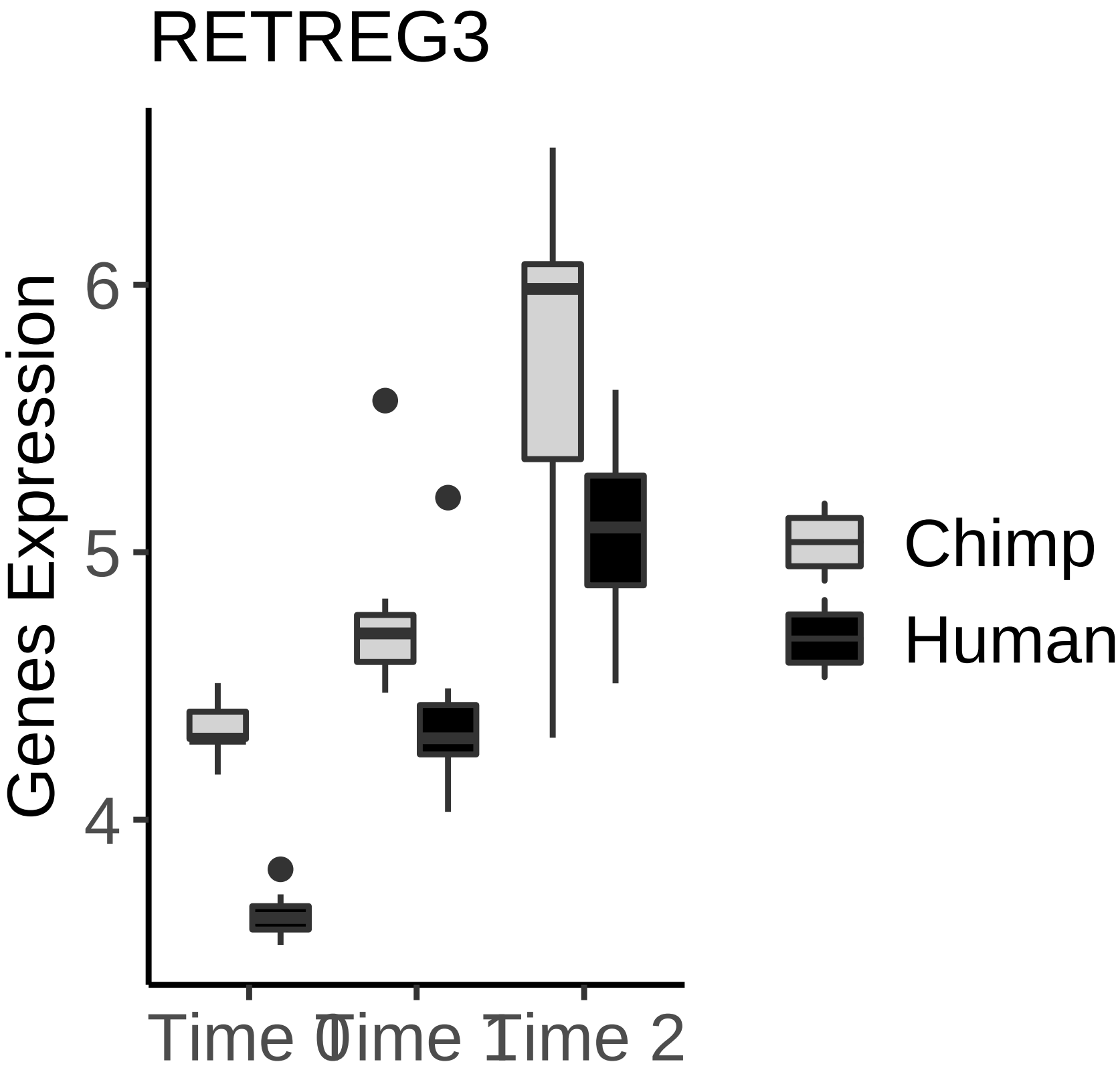
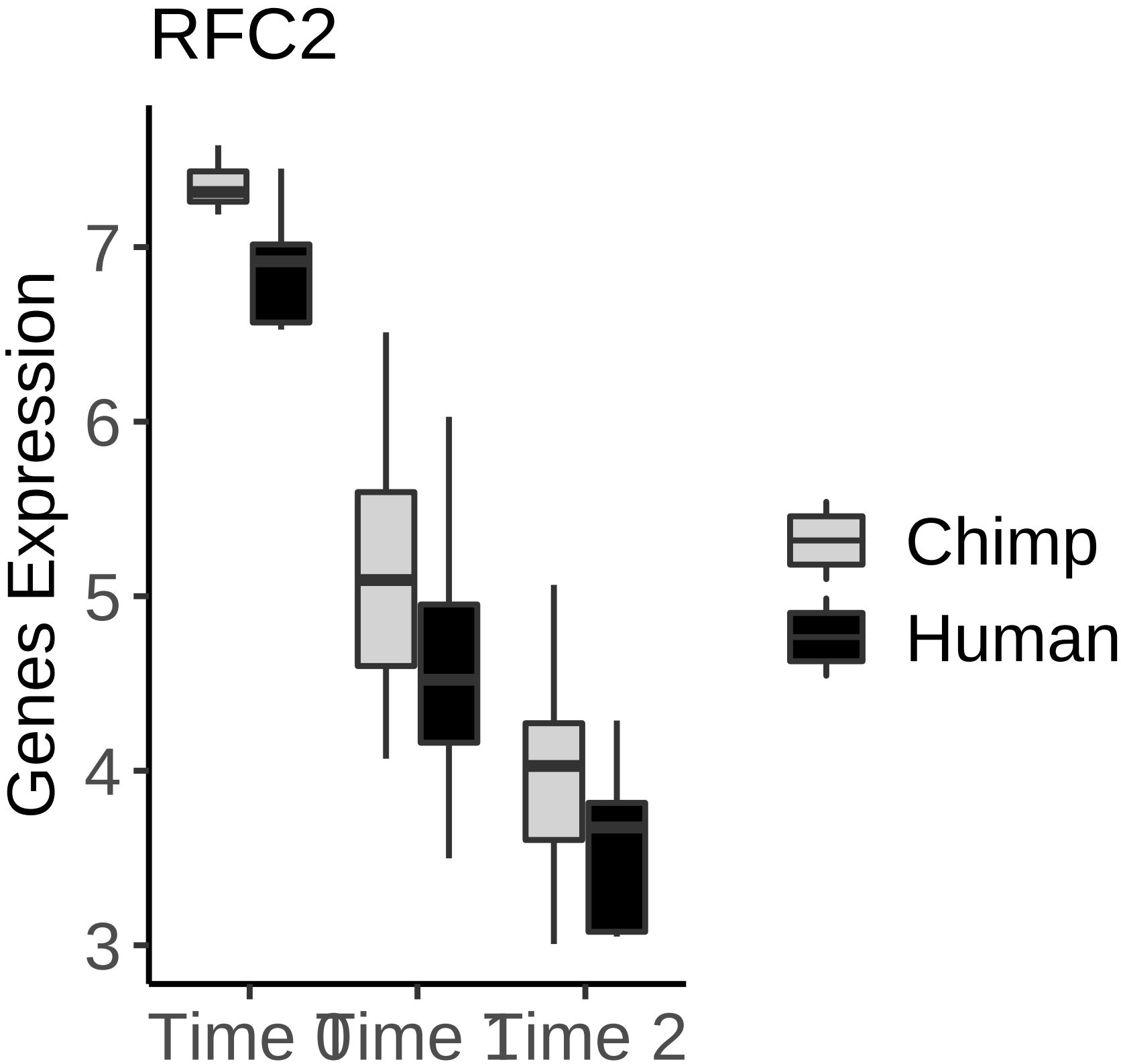

RETREG3
Genes Expression
6
5
4
Time 0
Time 1
Time 2
Chimp
Human


RFC2
Genes Expression
7
6
5
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3
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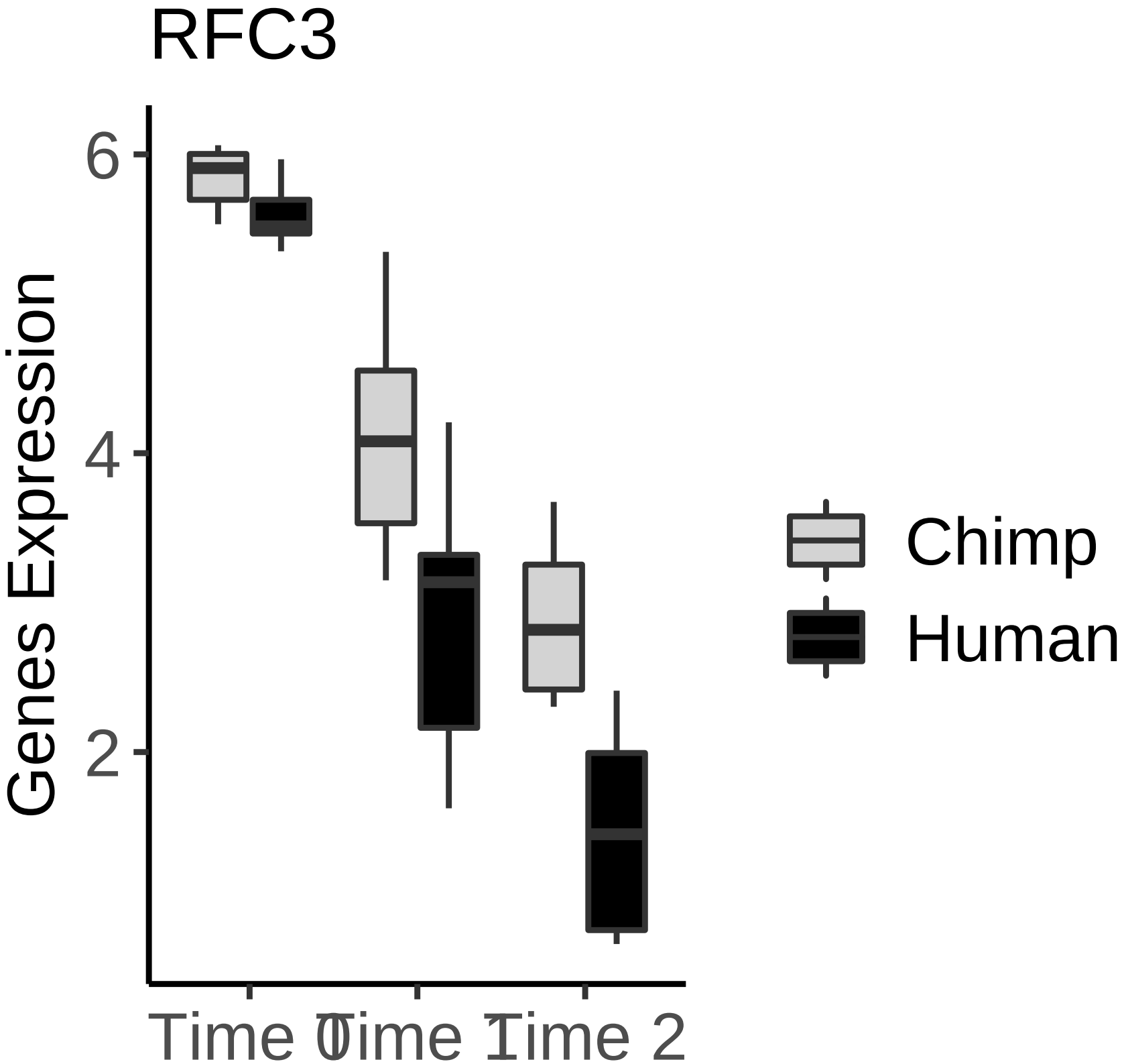
Time 1
Time 2
Chimp
Human


RFC3
Genes Expression
6
4
2
Time 0
Time 1
Time 2
Chimp
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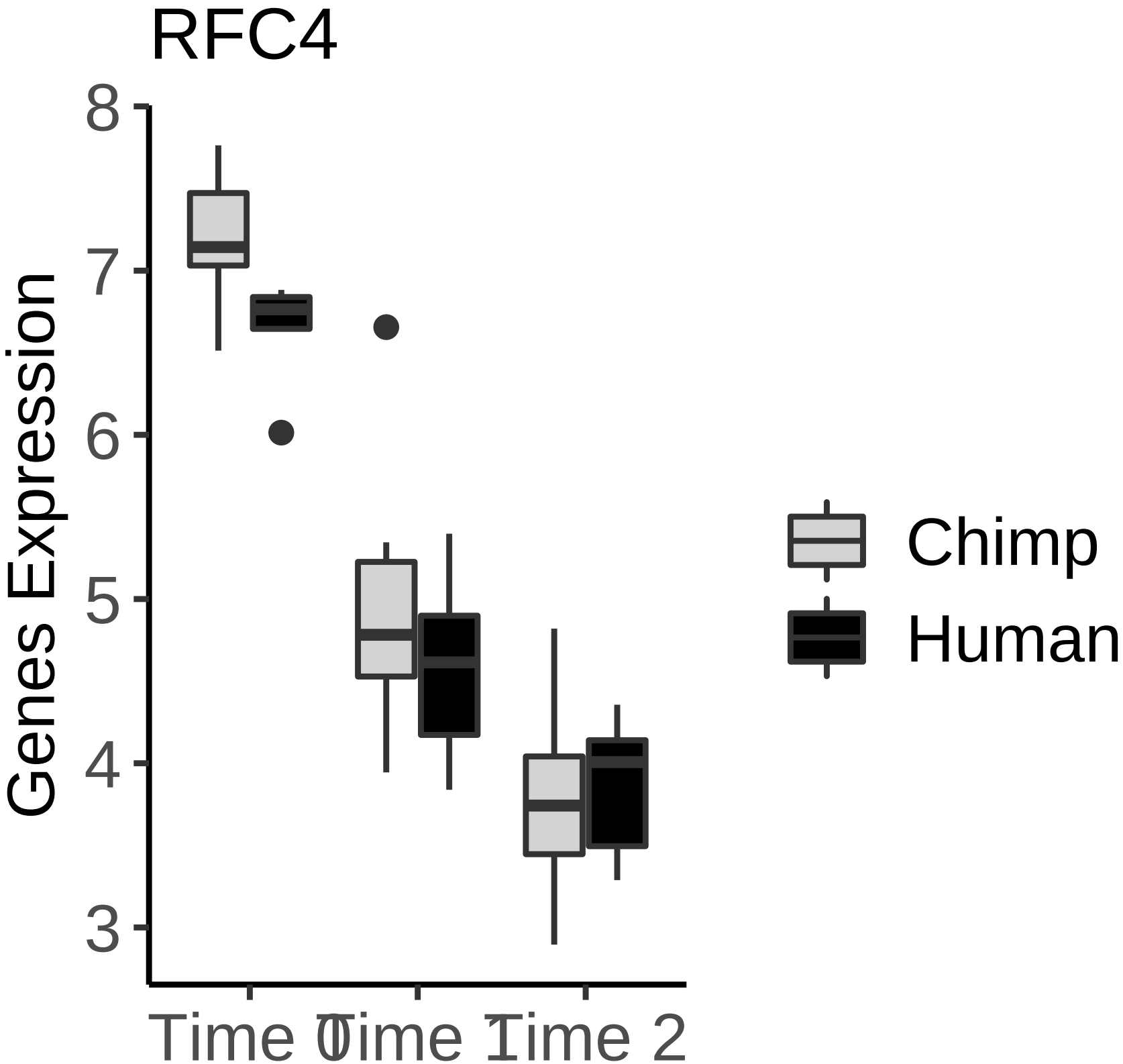
RFC4
Genes Expression
8
7
6
5
4
3
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Time 1
Time 2
Chimp
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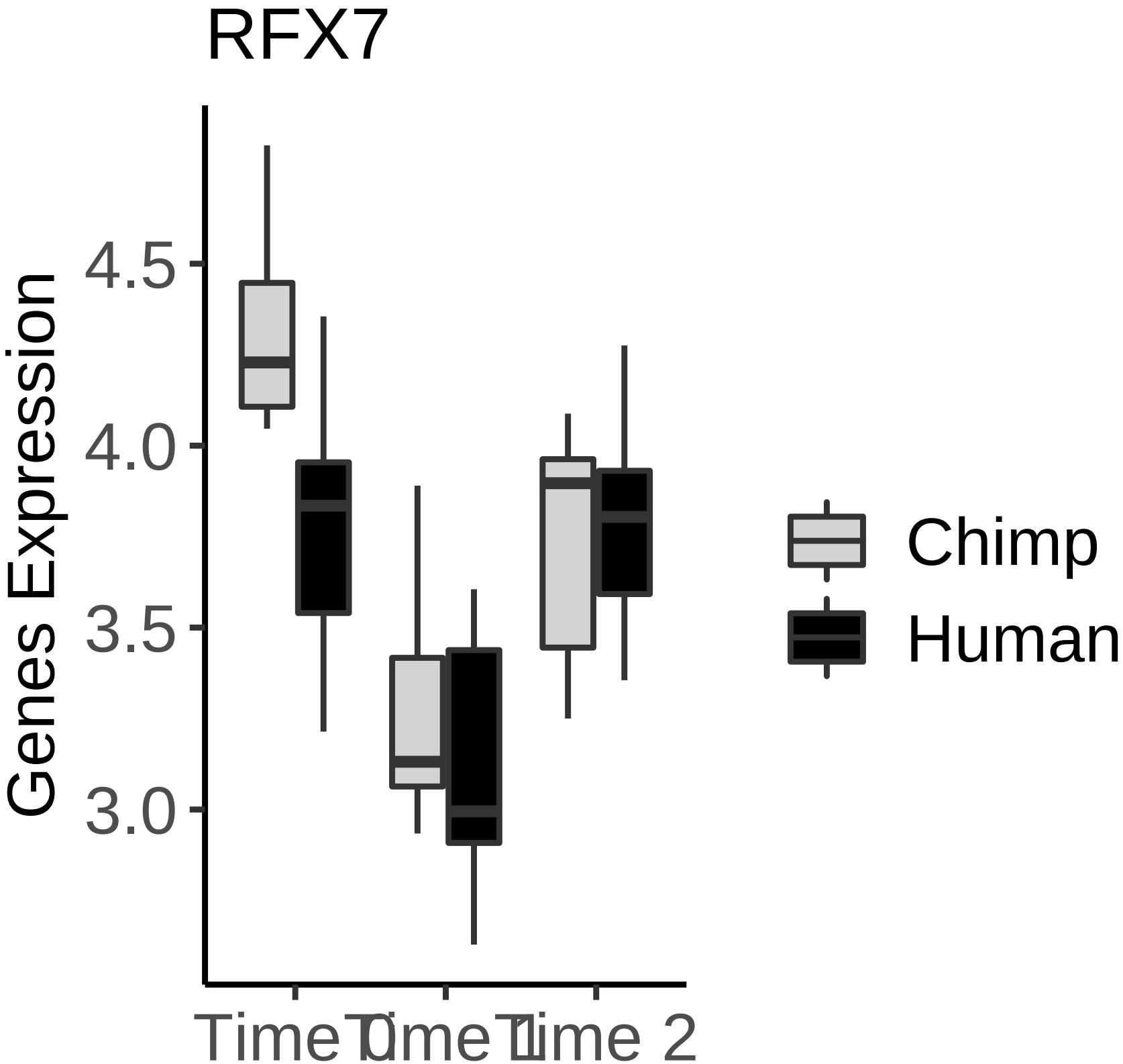
RFX7
Genes Expression
4.5
4.0
3.5
3.0
Time 0
Time 1
Time 2
Chimp
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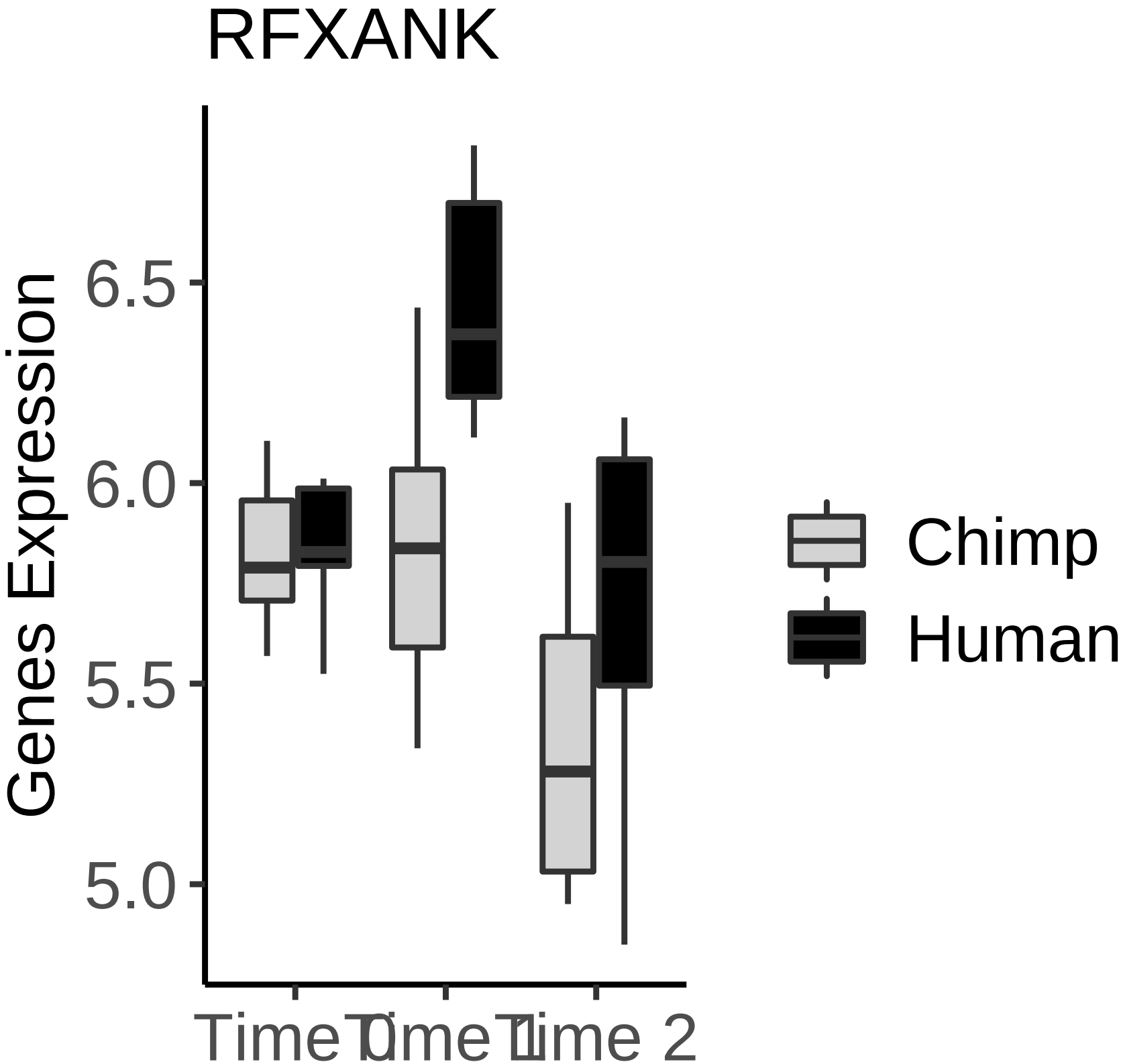
RFXANK
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Time 2
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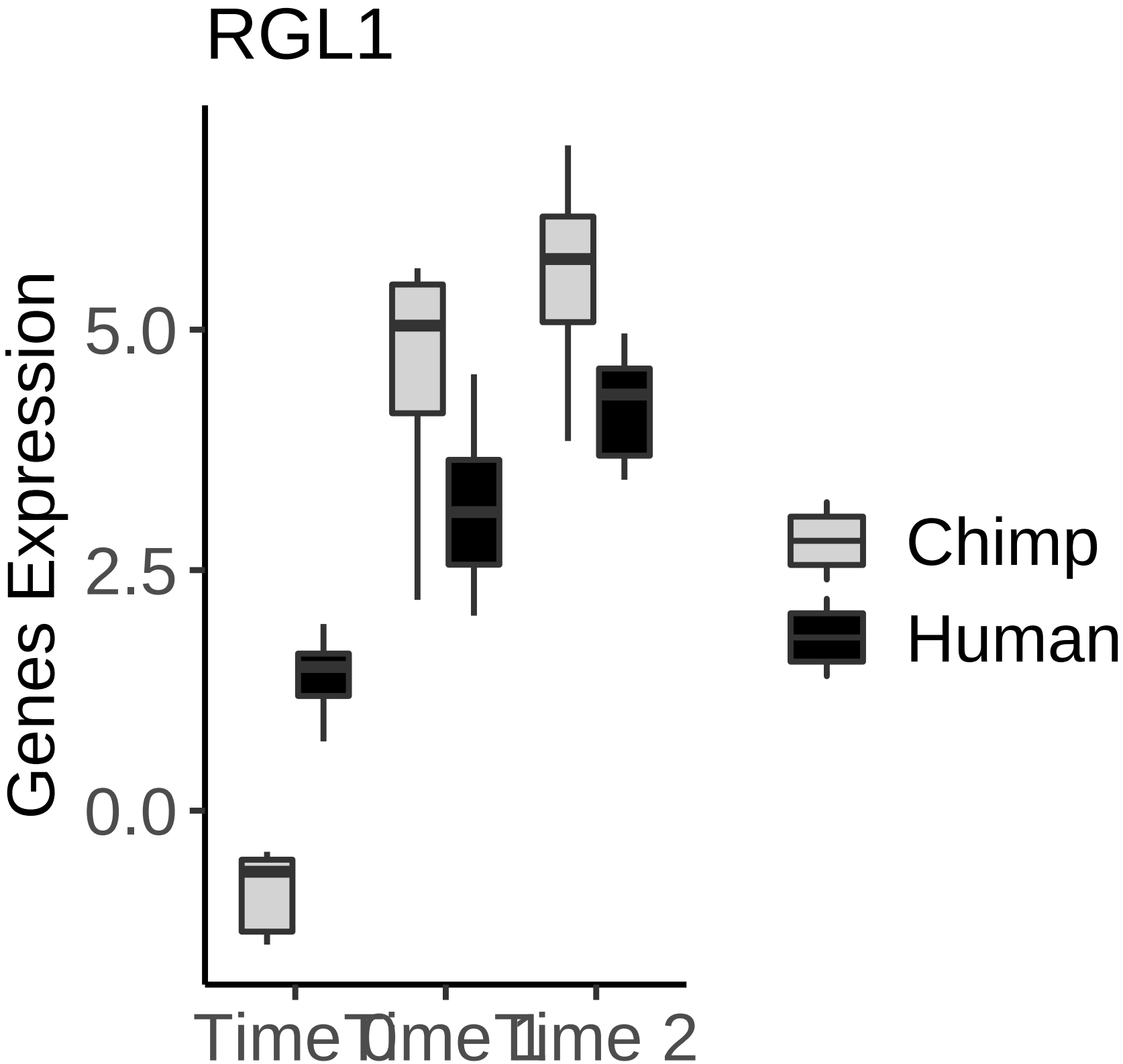
RGL1
Genes Expression
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Time 0
Time 1
Time 2
Chimp
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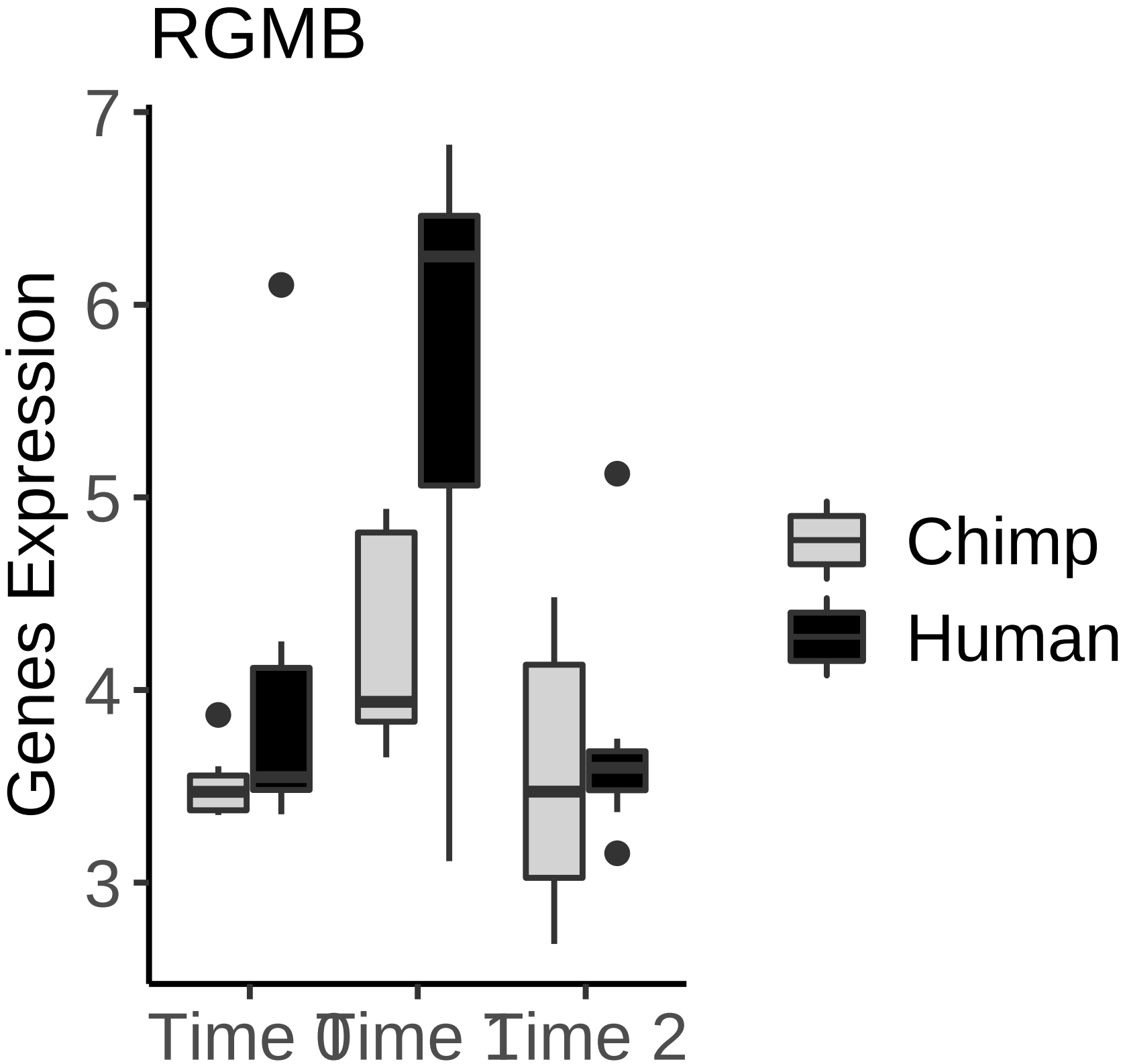
RGMB
Genes Expression
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3
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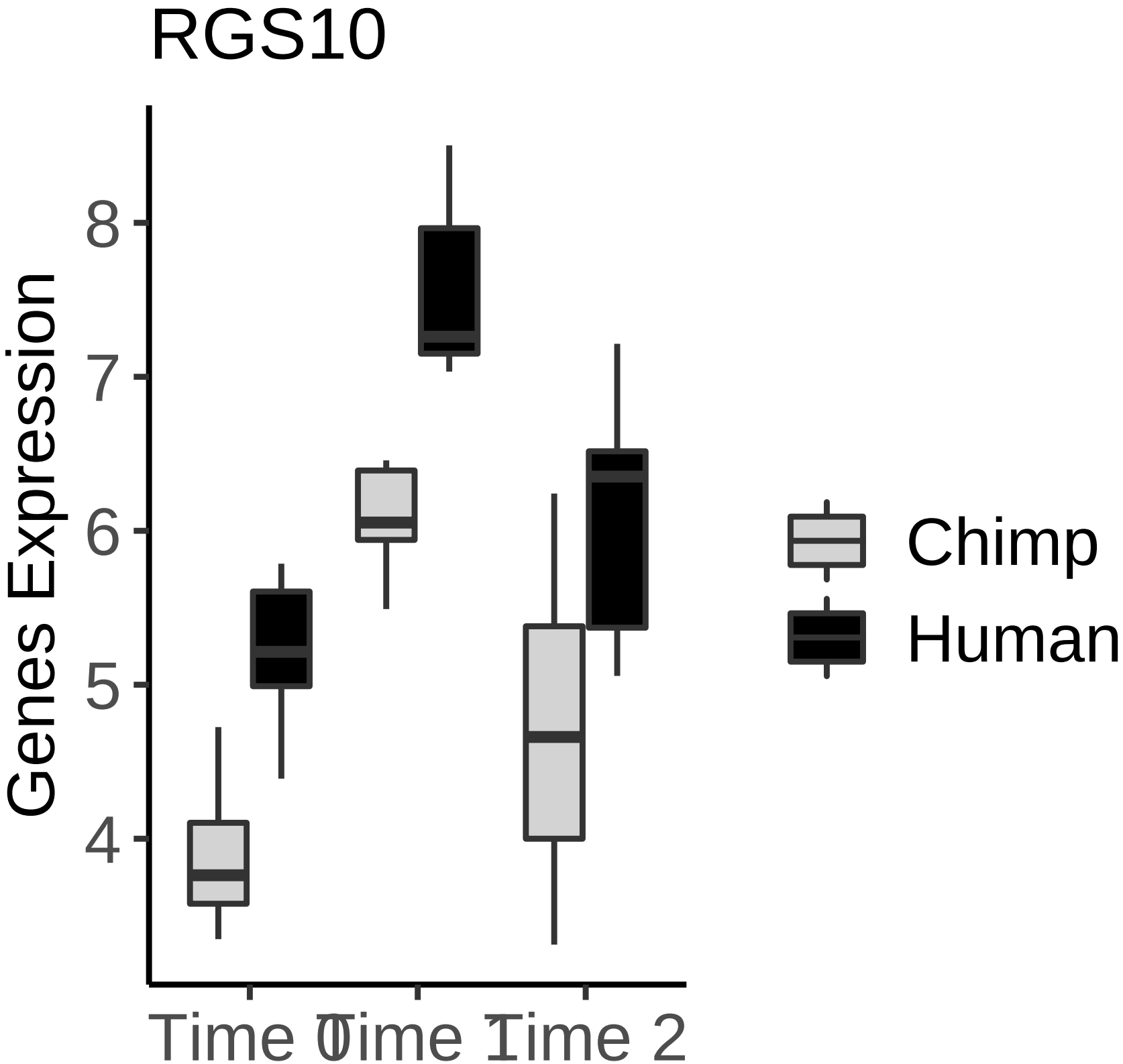
Time 2
Chimp
Human


RGS10
Genes Expression
8
7
6
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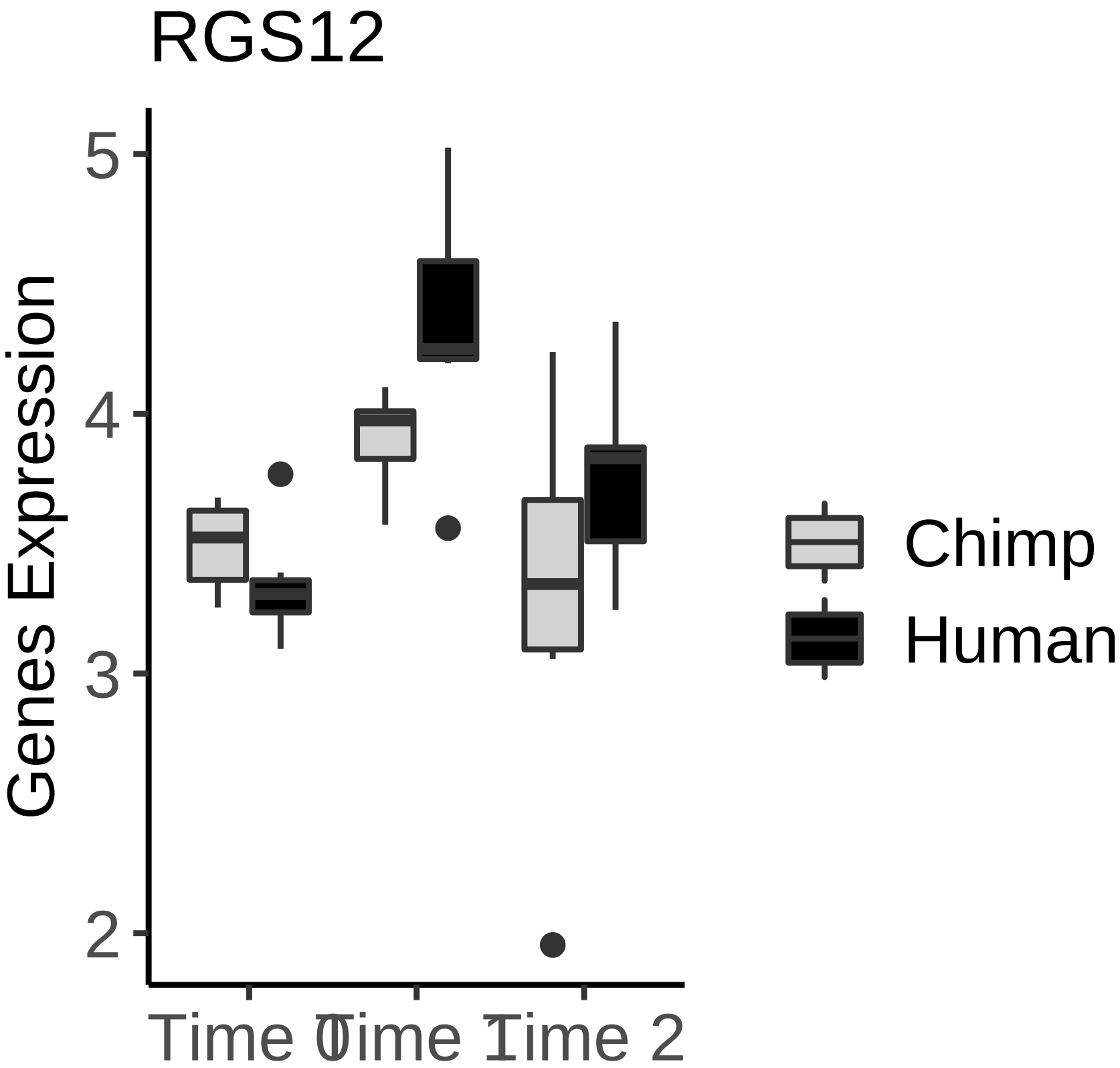
4
Time 0
Time 1
Time 2
Chimp
Human


RGS12
Genes Expression
5
4
3
2
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Time 2
Chimp
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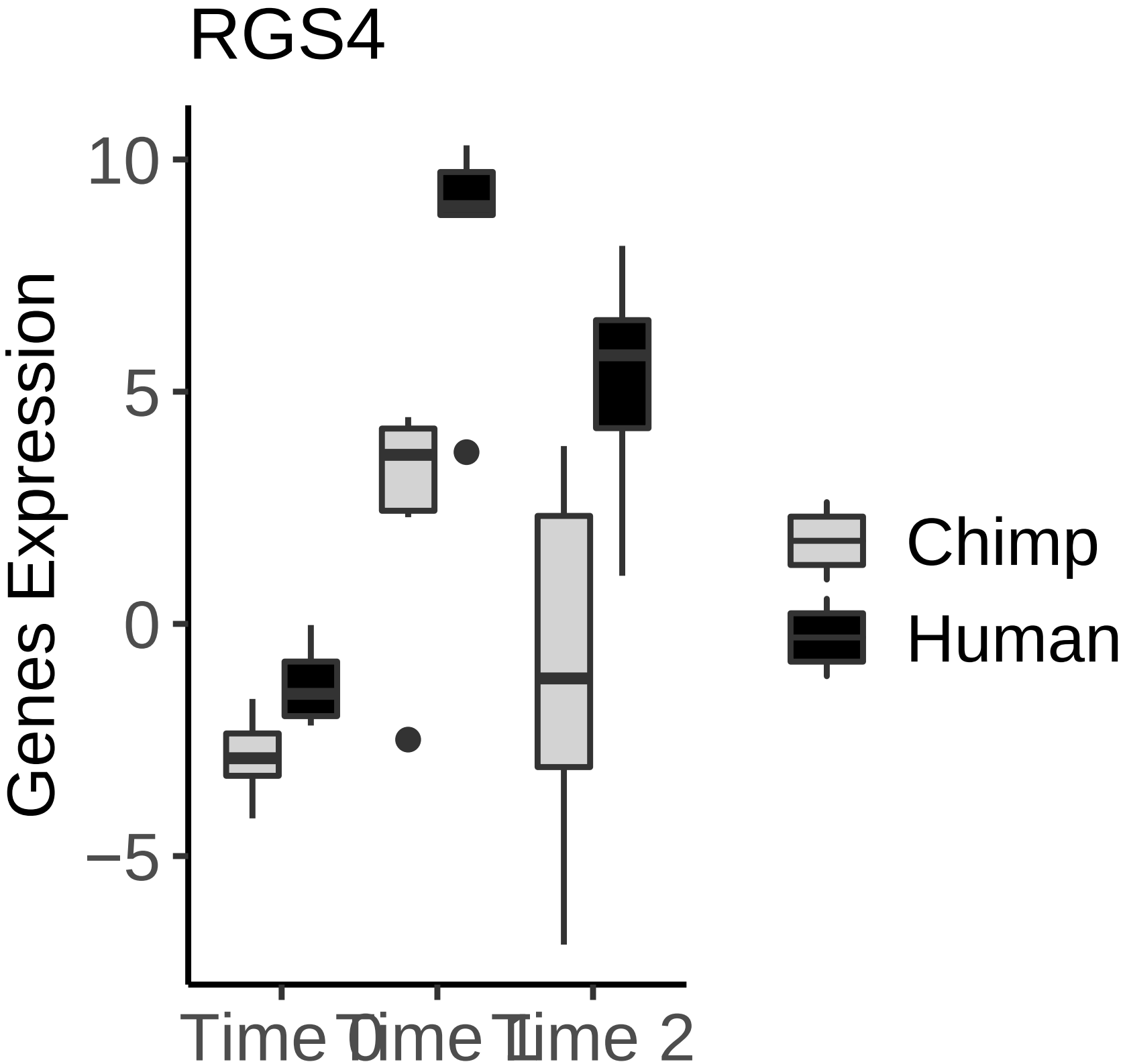
RGS4
Genes Expression
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Time 0
Time 1
Time 2
Chimp
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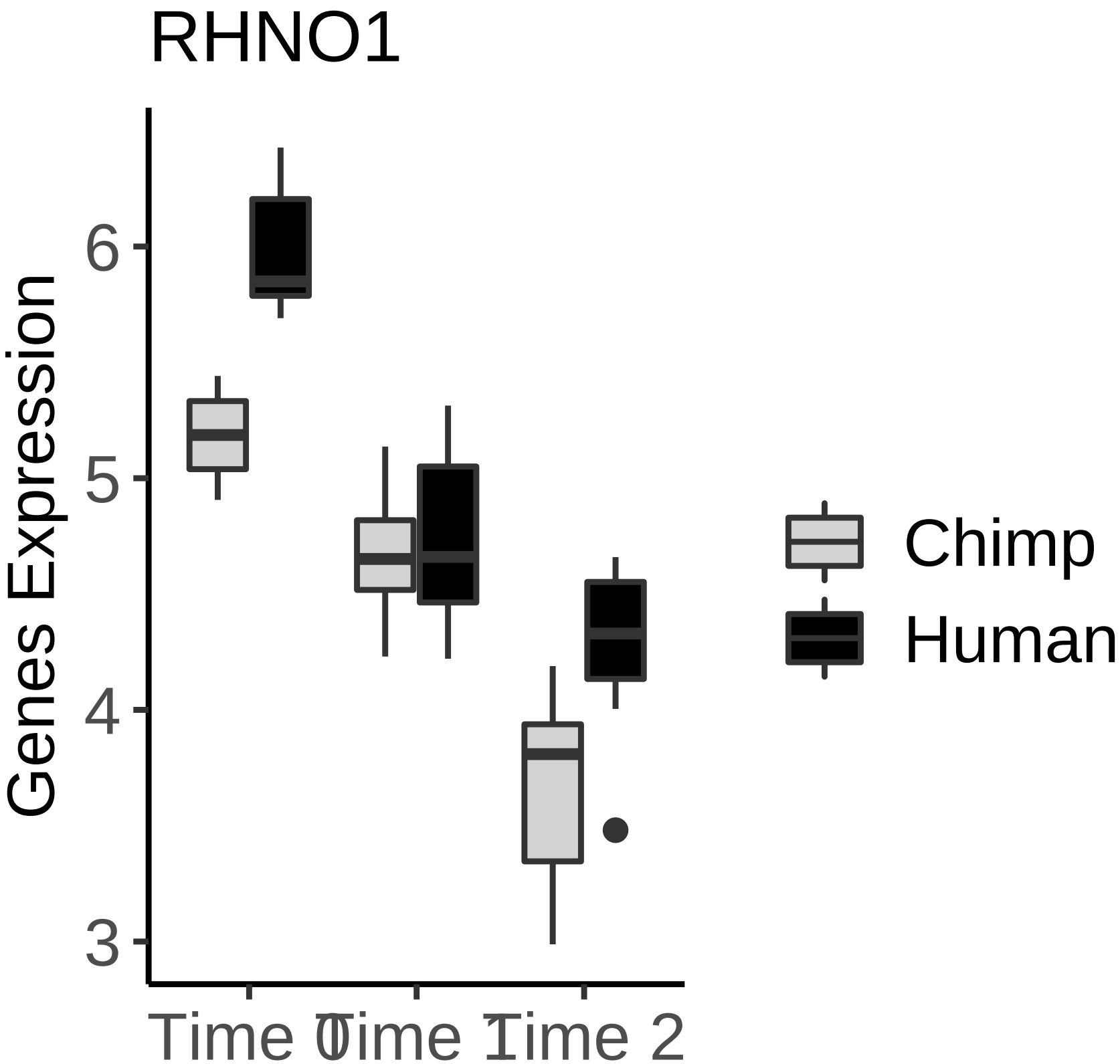
RHNO1
Genes Expression
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4
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Time 2
Chimp
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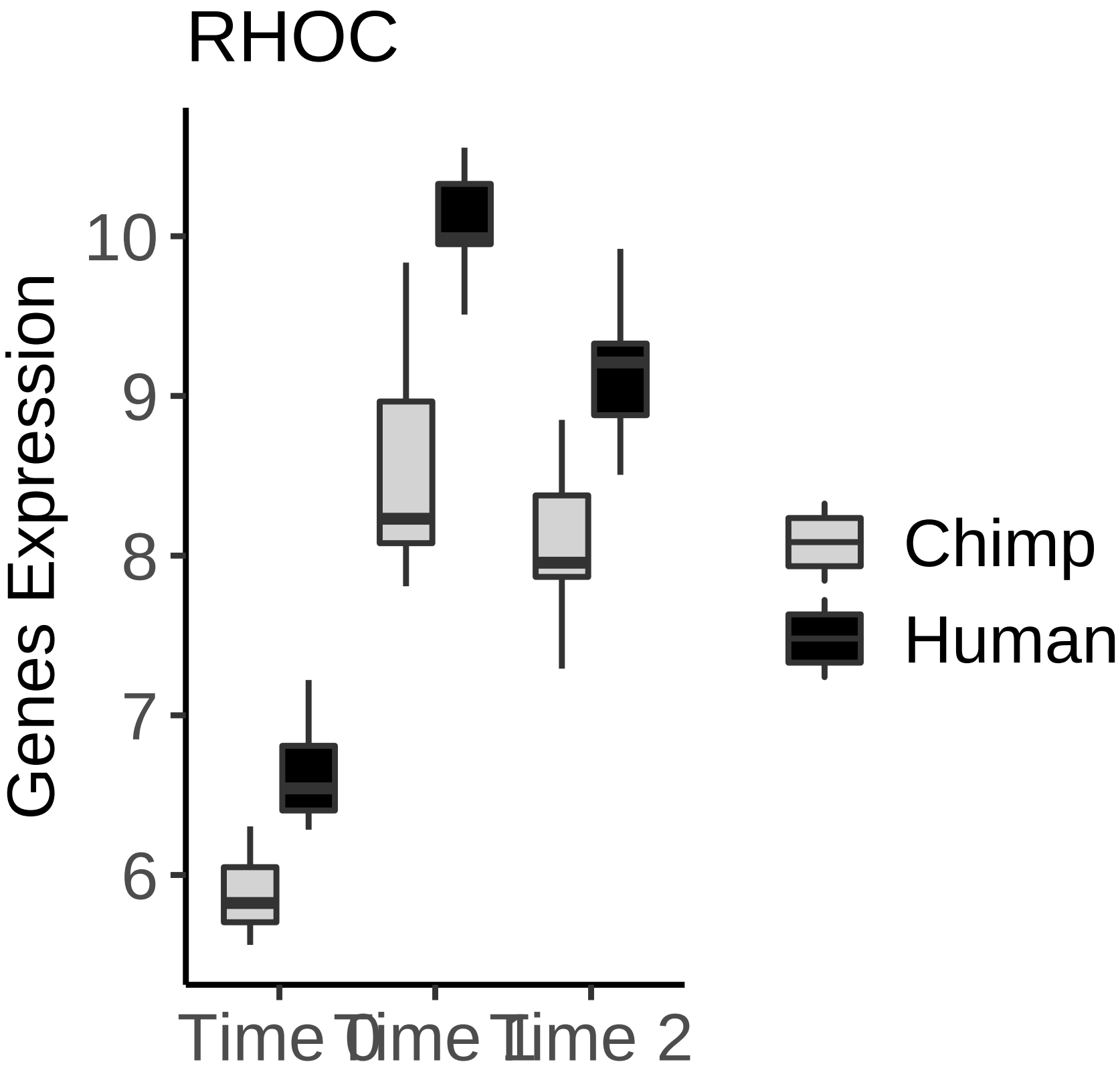
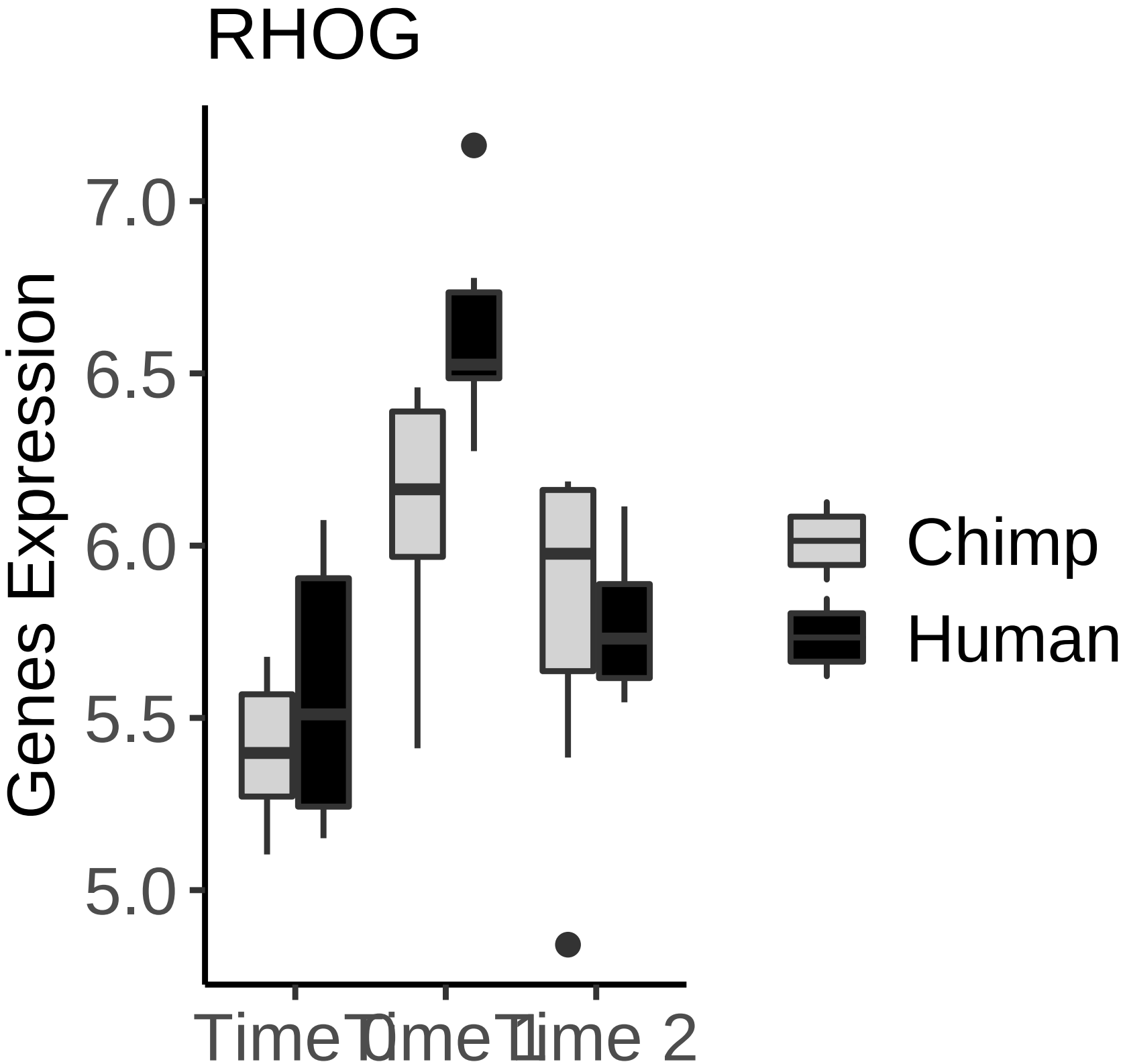

RHOC
Genes Expression
10
9
8
7
6
Time 0
Time 1
Time 2
Chimp
Human


RHOG
Genes Expression
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5.0
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Time 1
Time 2
Chimp
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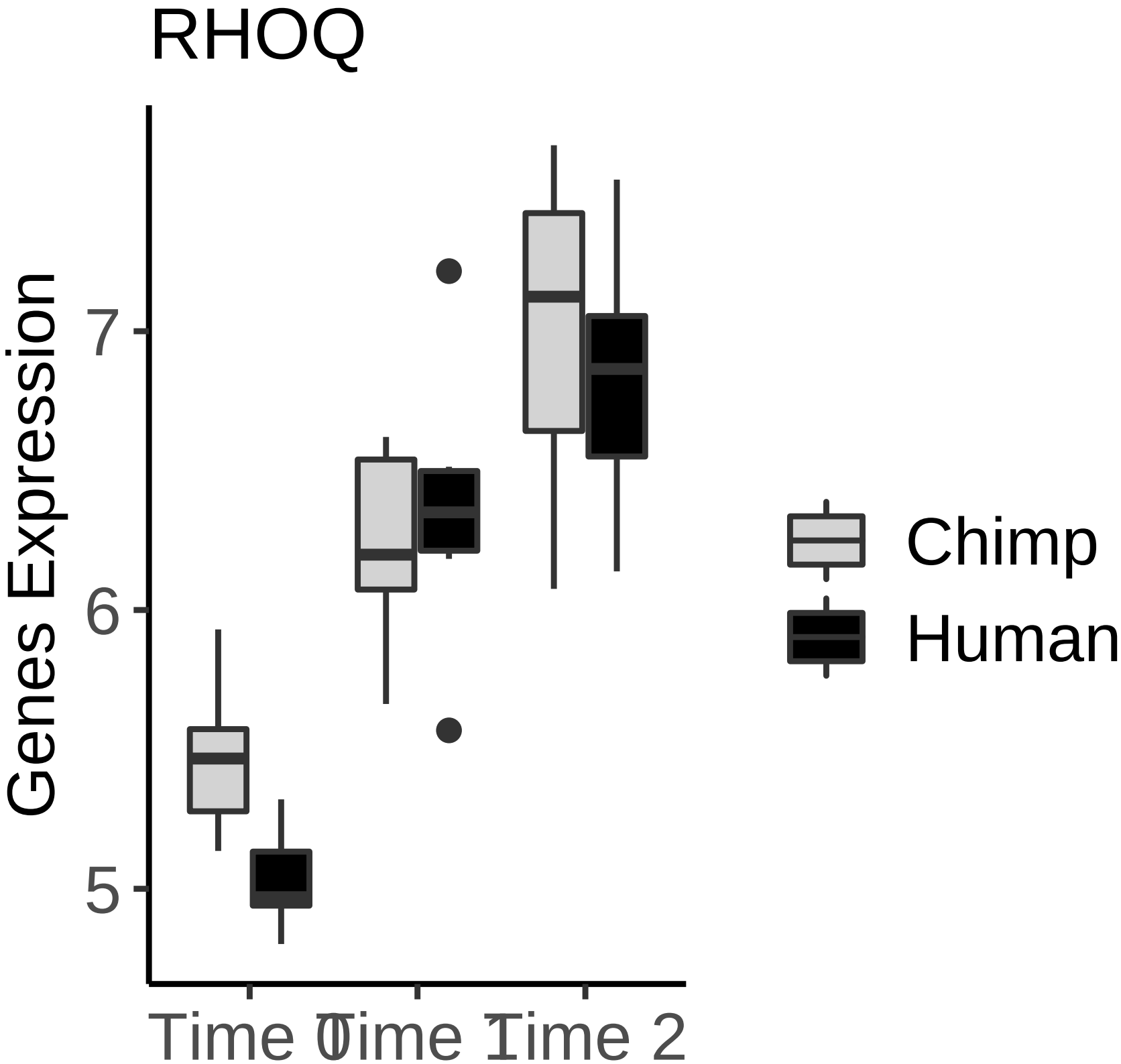
RHOQ
Genes Expression
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5
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Time 1
Time 2
Chimp
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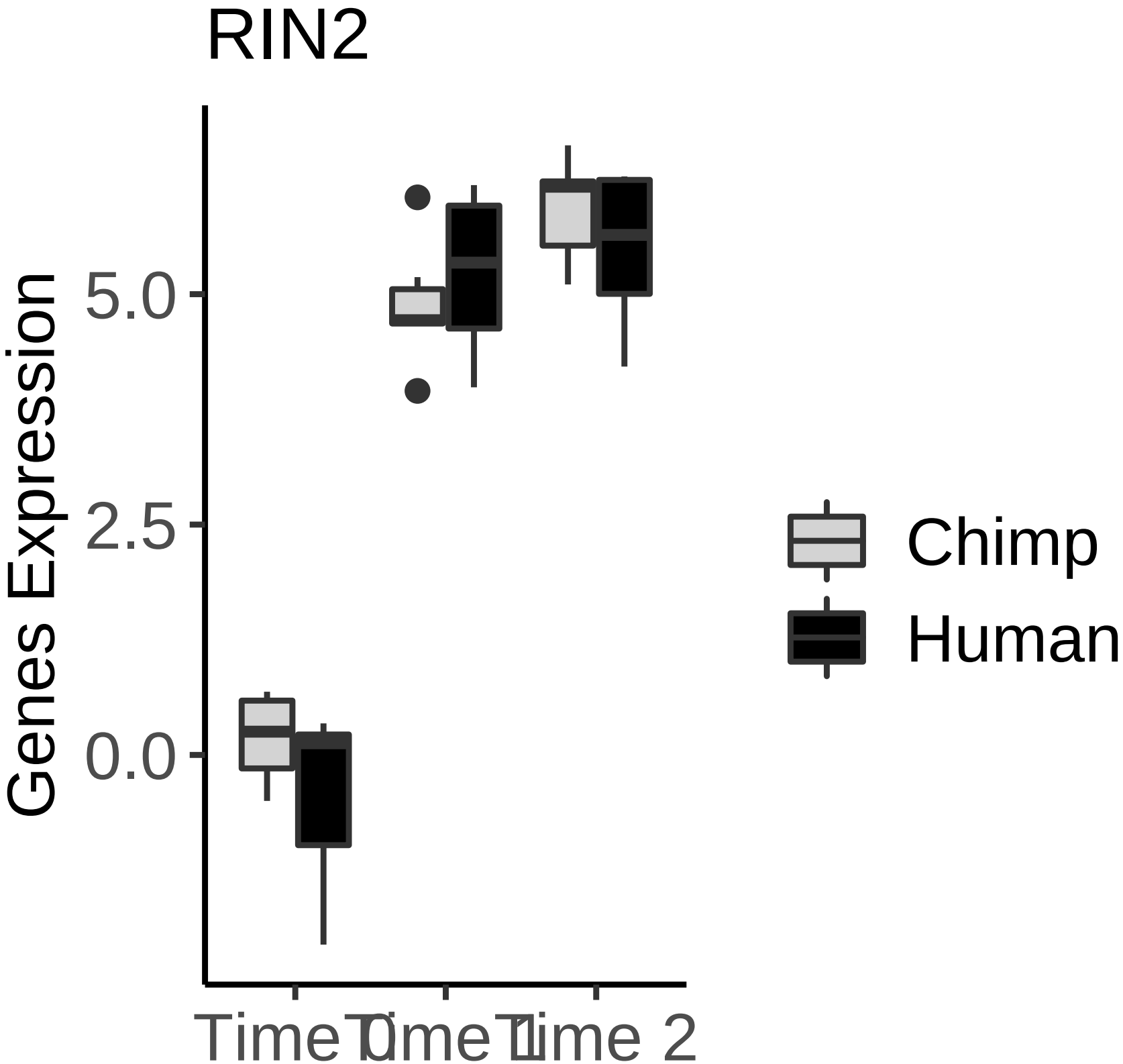
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Genes Expression
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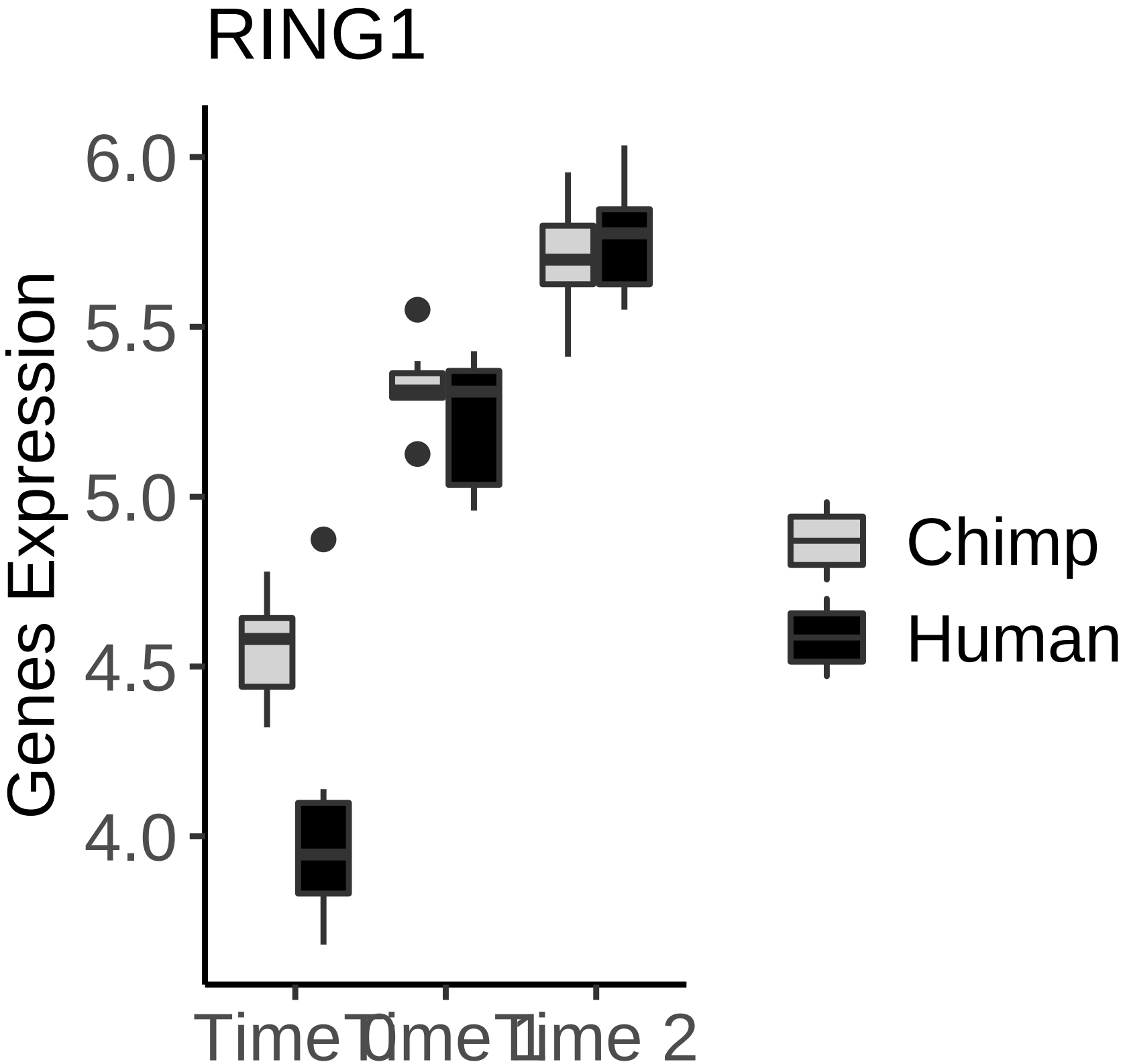
Time 1
Time 2
Chimp
Human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Genes Expression
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4.0
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Time 1
Time 2
Chimp
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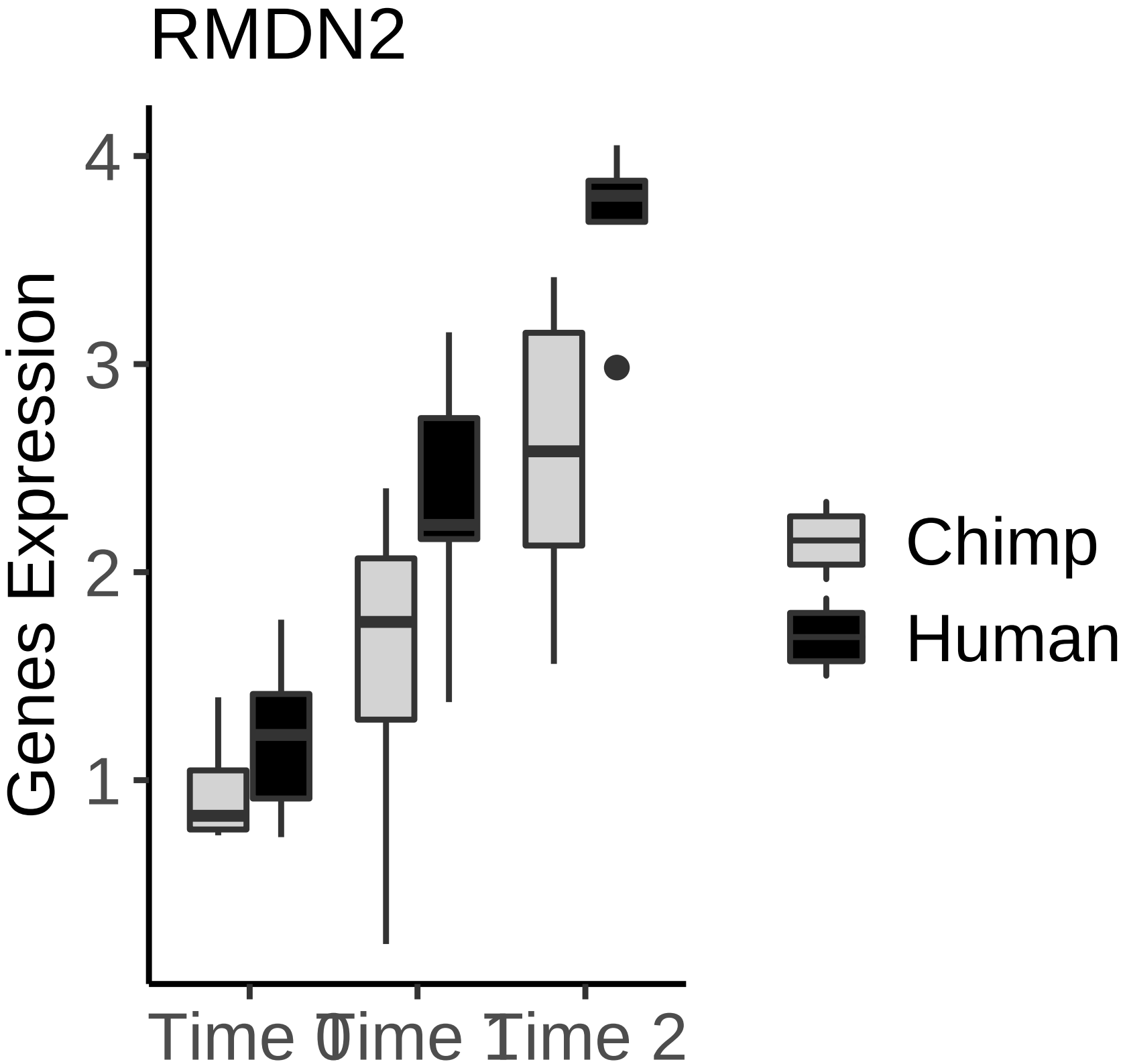
RMDN2
Genes Expression
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1
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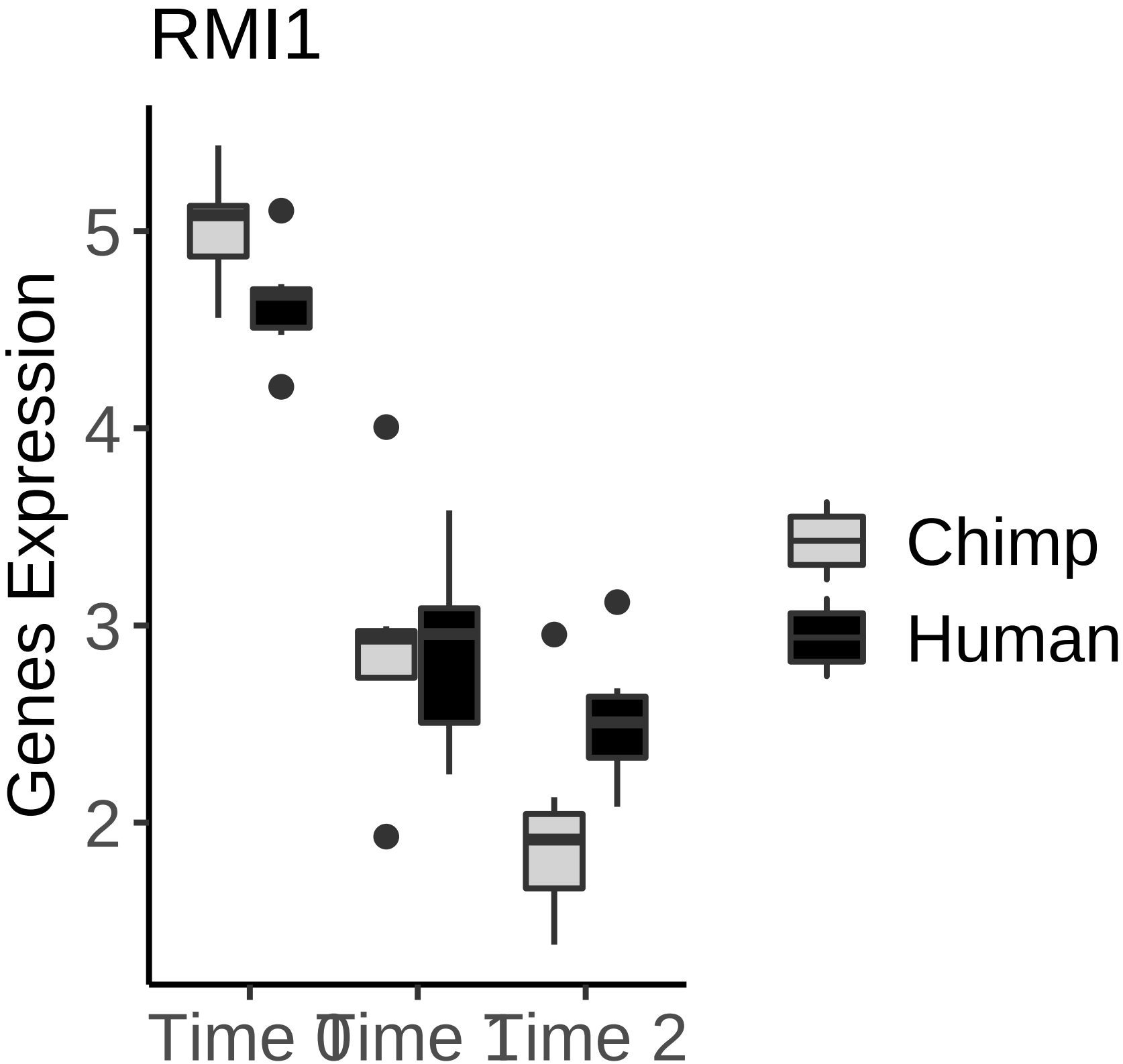
Time 1
Time 2
Chimp
Human


RMI1
Genes Expression
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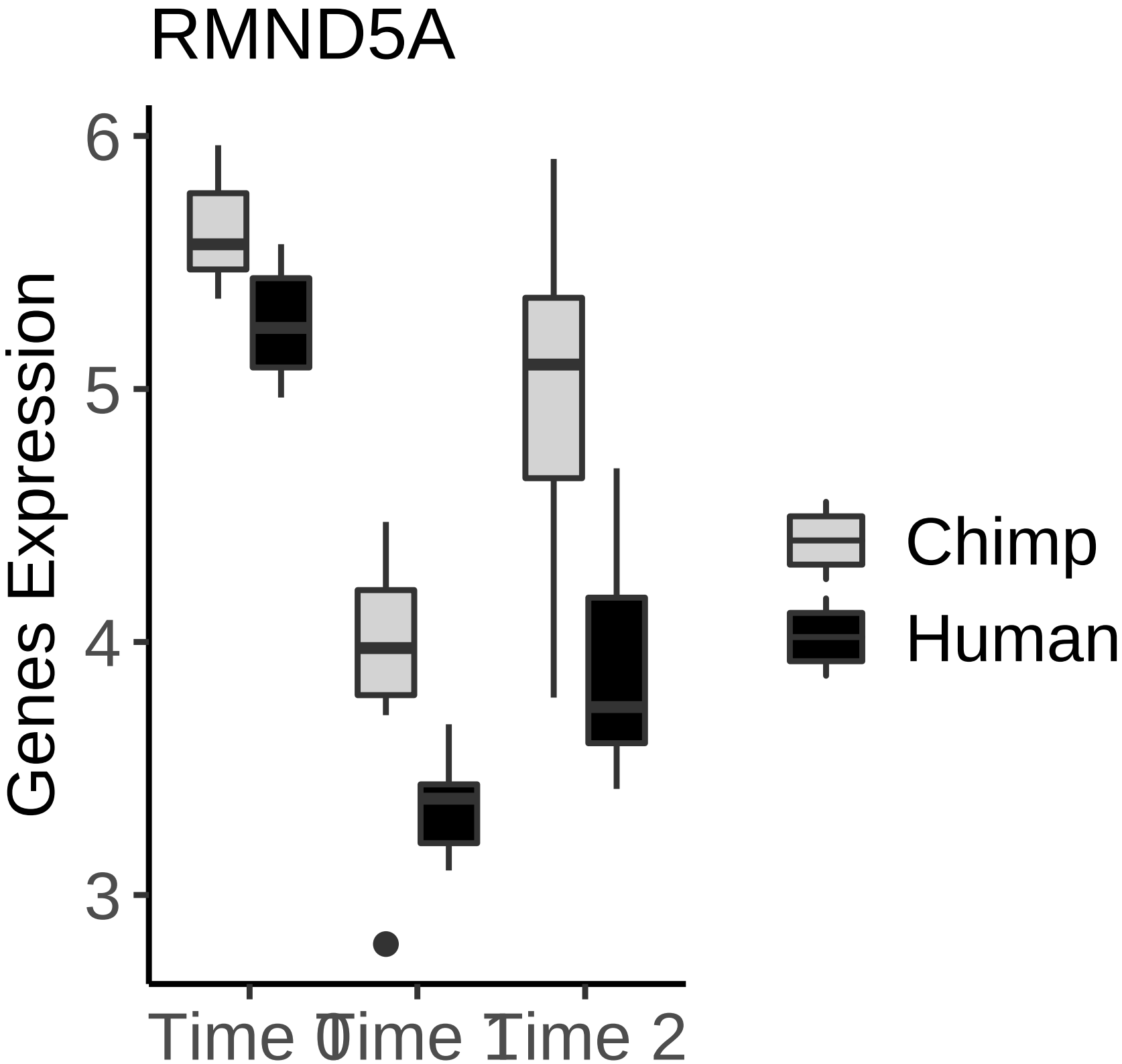
Time 2
Chimp
Human


RMND5A
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Time 2
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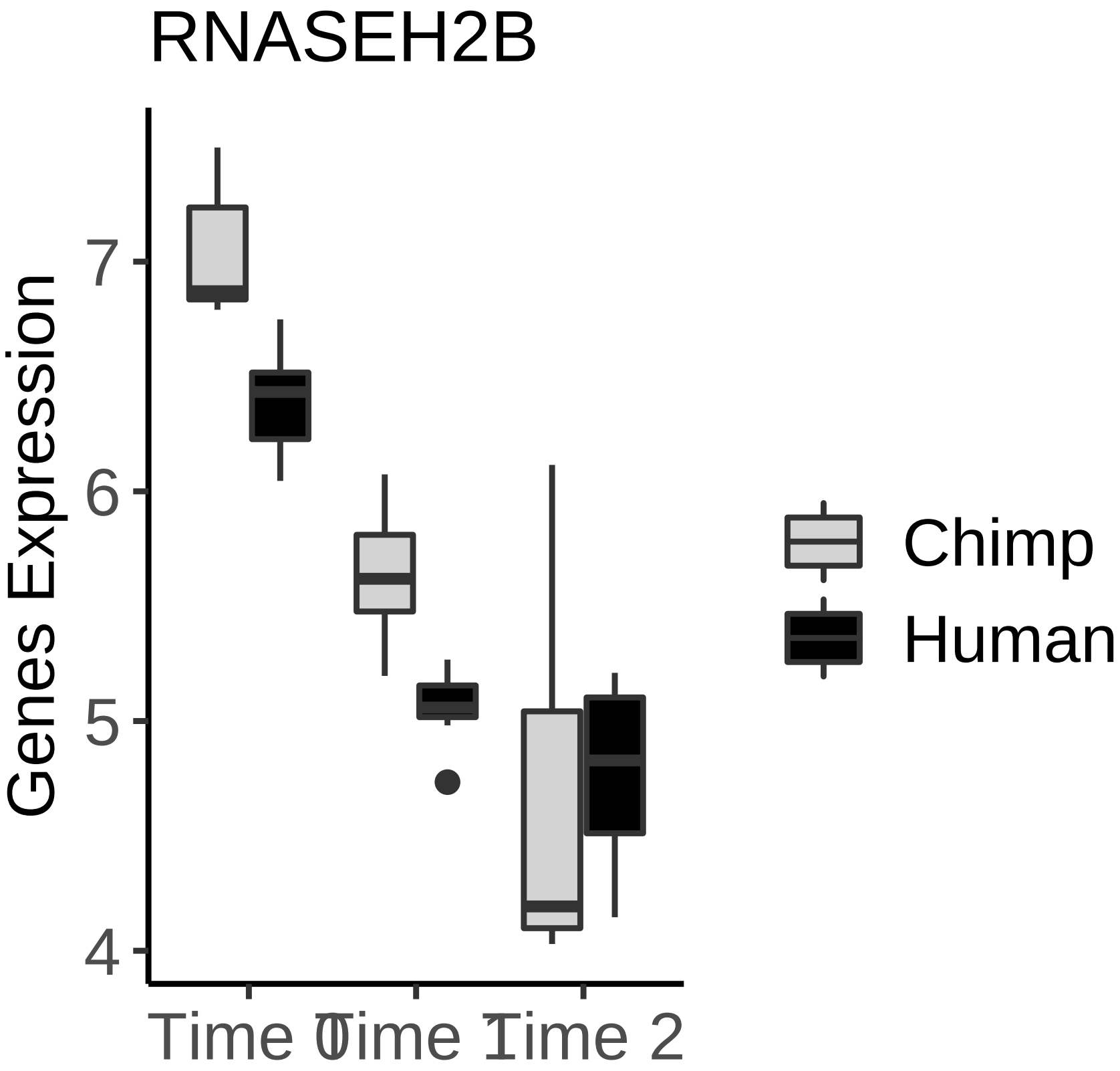
RNASEH2B
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4
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Time 1
Time 2
Chimp
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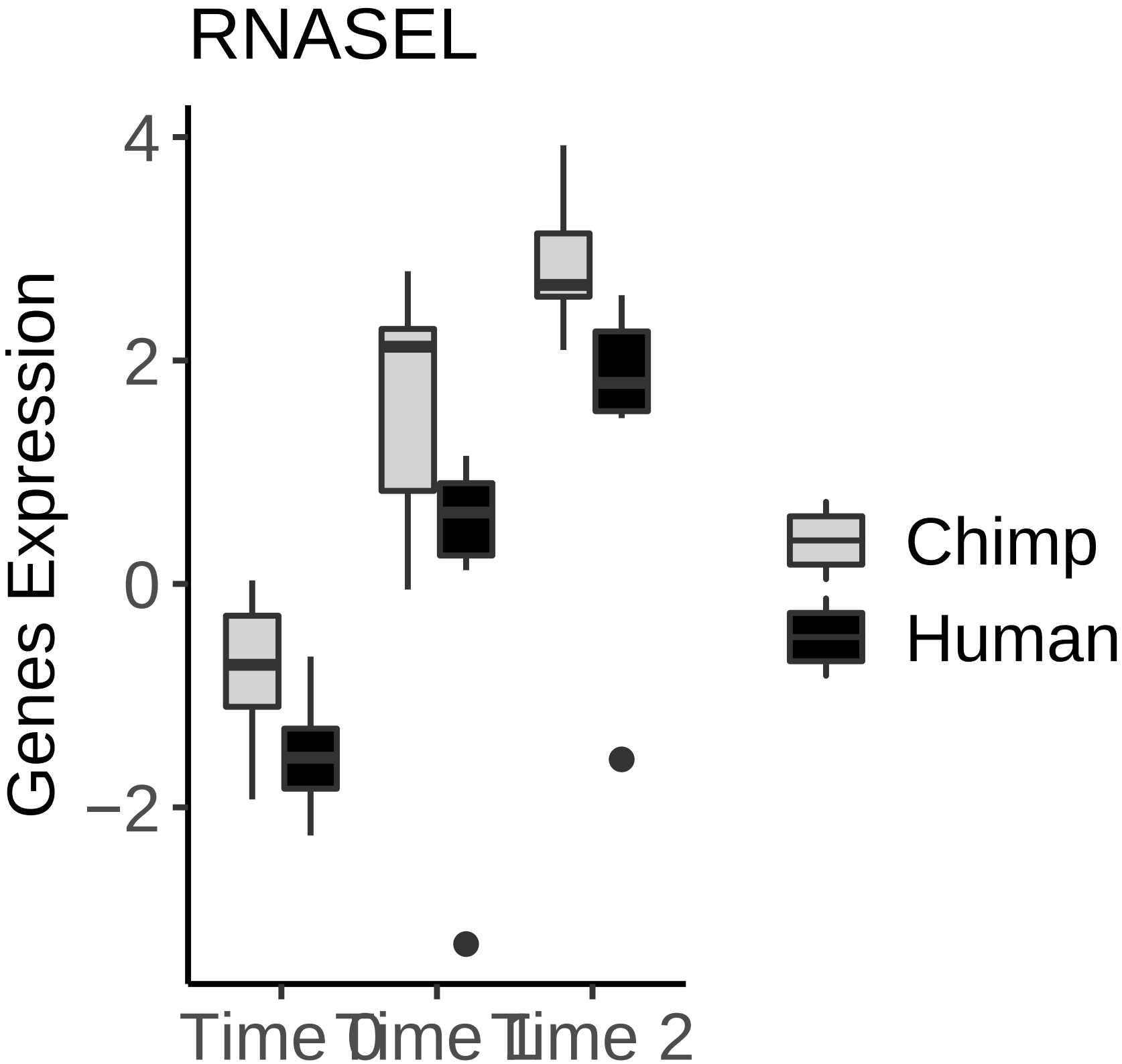
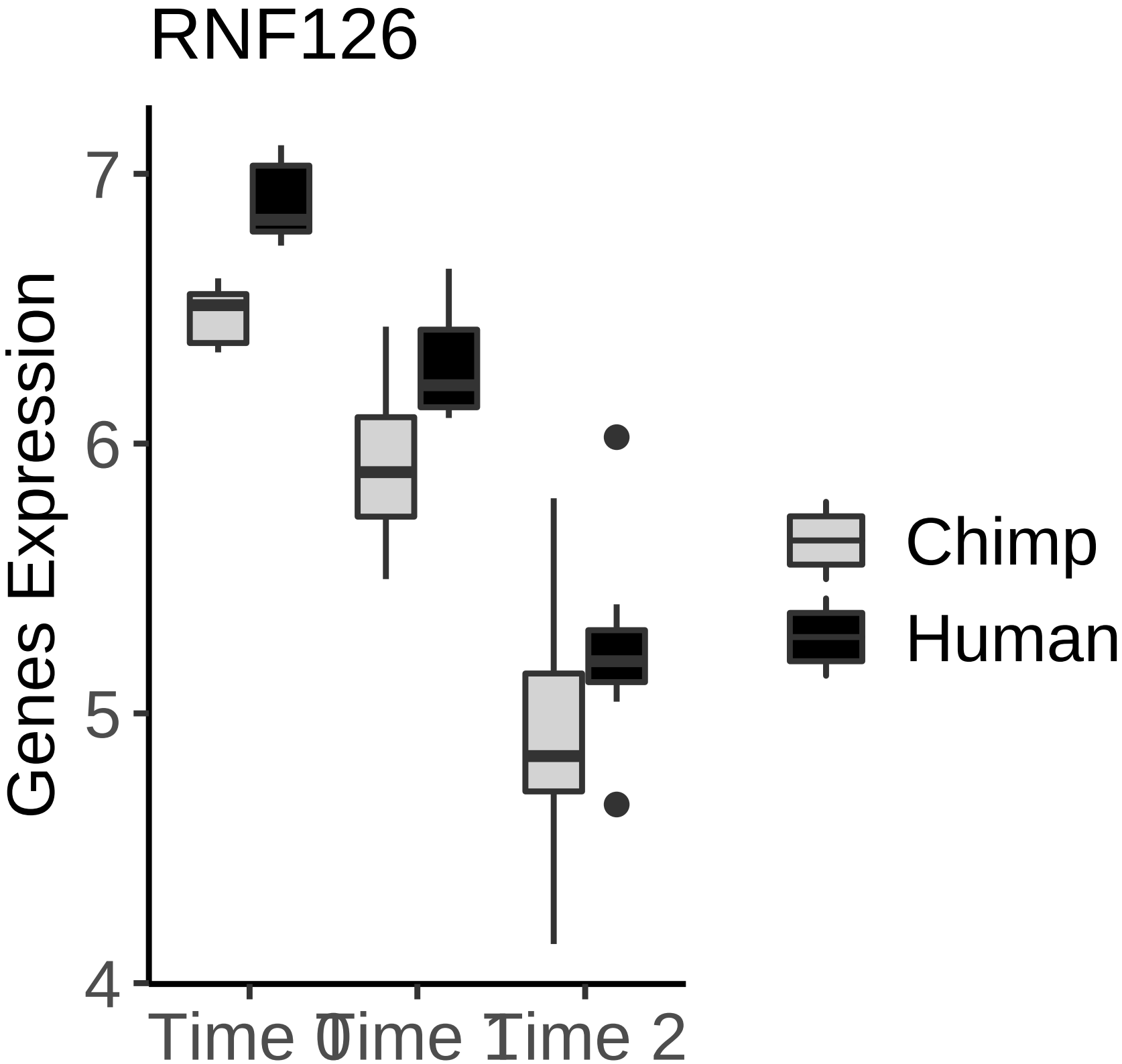

RNASEL
Genes Expression
4
2
0
−2
Time 0
Time 1
Time 2
Chimp
Human


RNF126
Genes Expression
7
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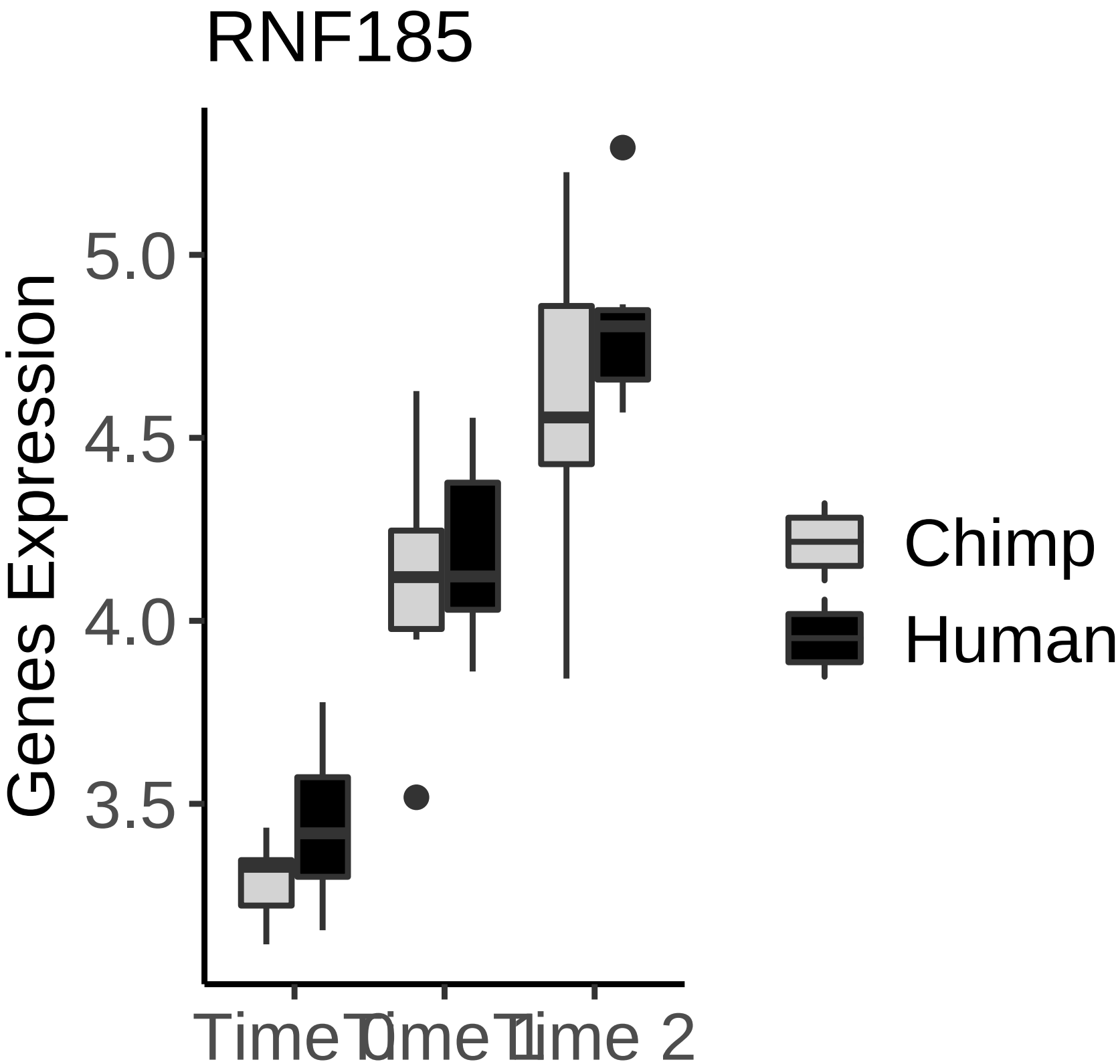
5
4
Time 0
Time 1
Time 2
Chimp
Human


RNF185
Genes Expression
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4.0
3.5
Time 0
Time 1
Time 2
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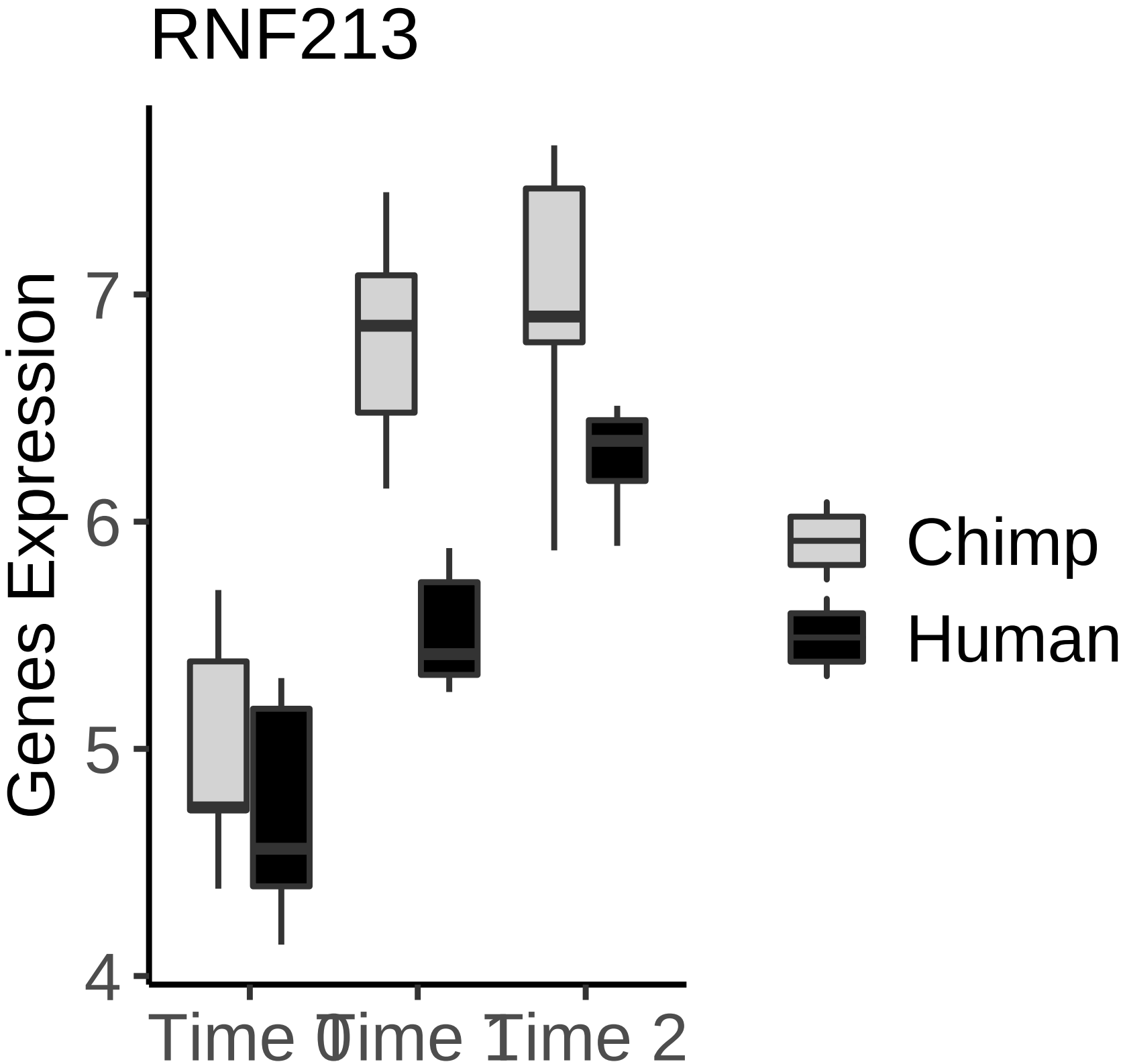
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5
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Time 1
Time 2
Chimp
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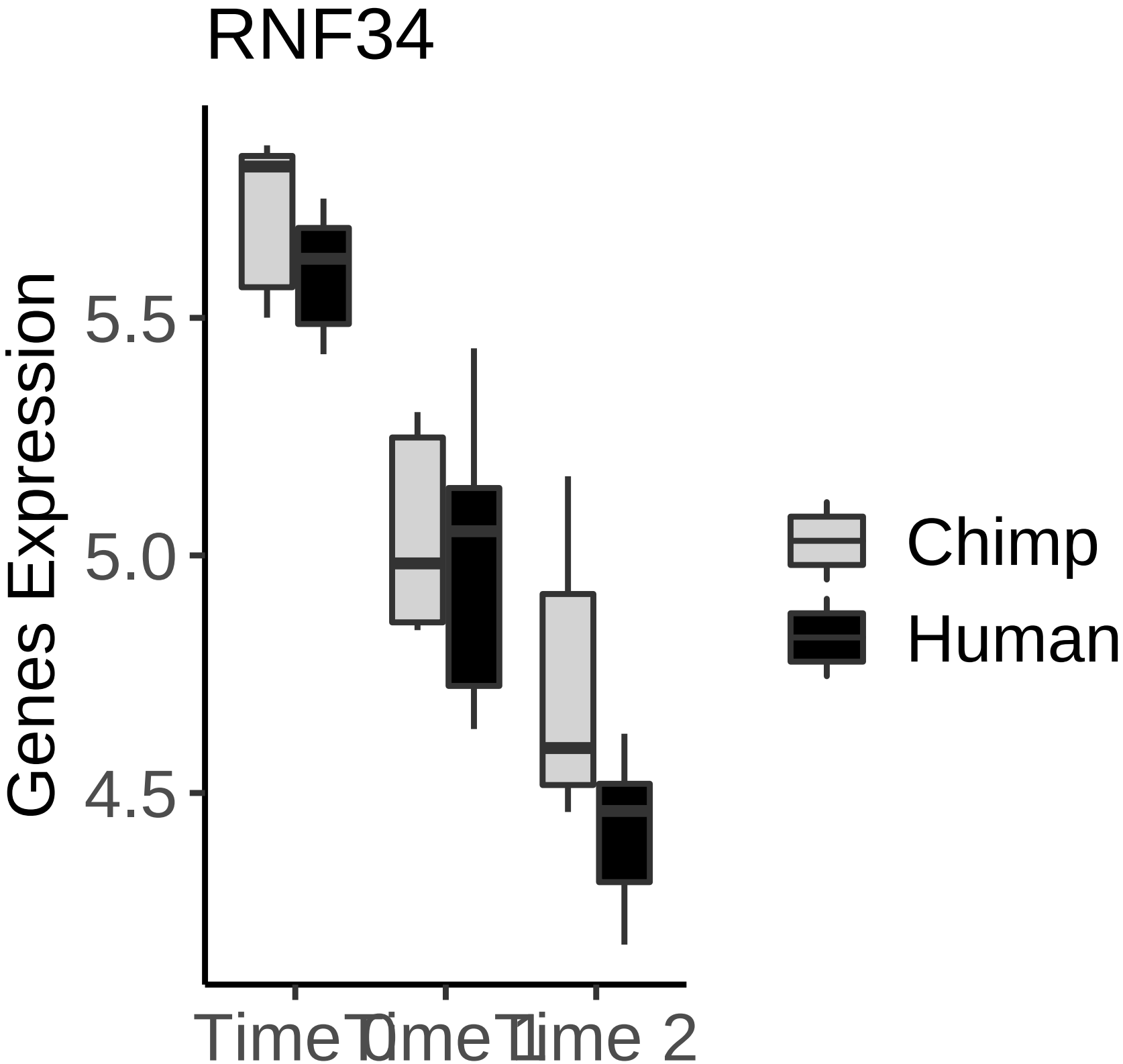
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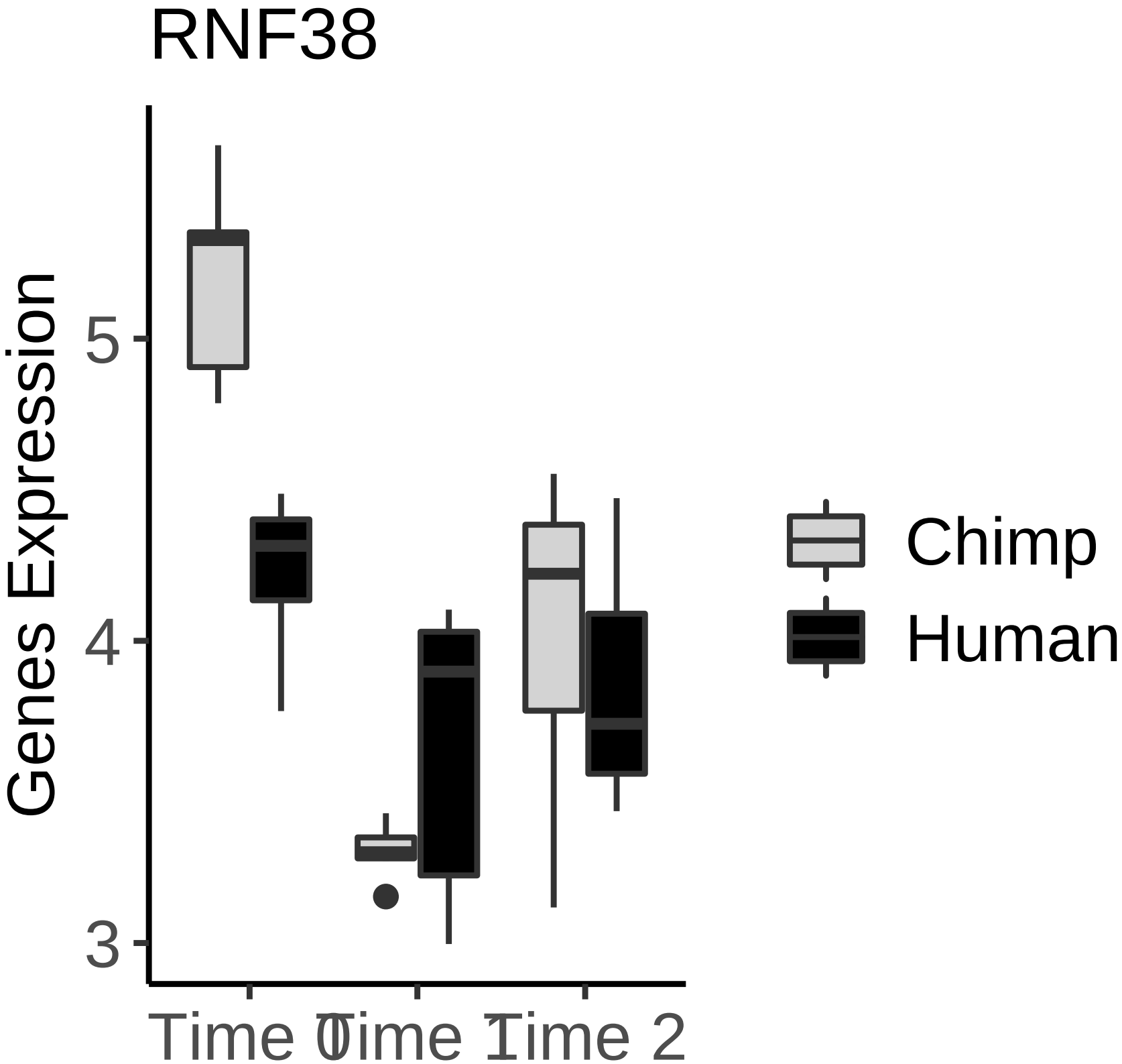
4.5
Time 0
Time 1
Time 2
Chimp
Human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3
Time 0
Time 1
Time 2
Chimp
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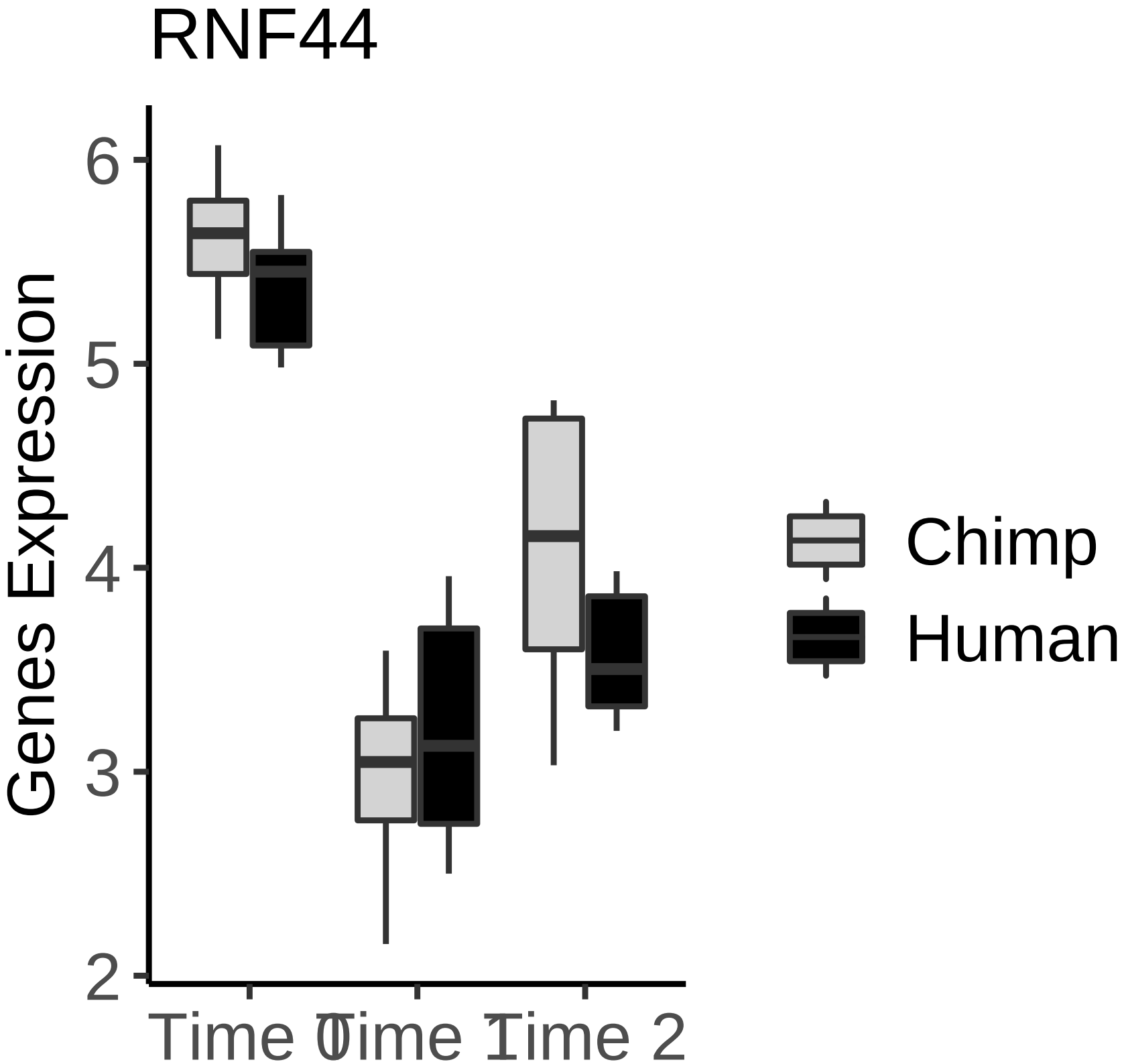
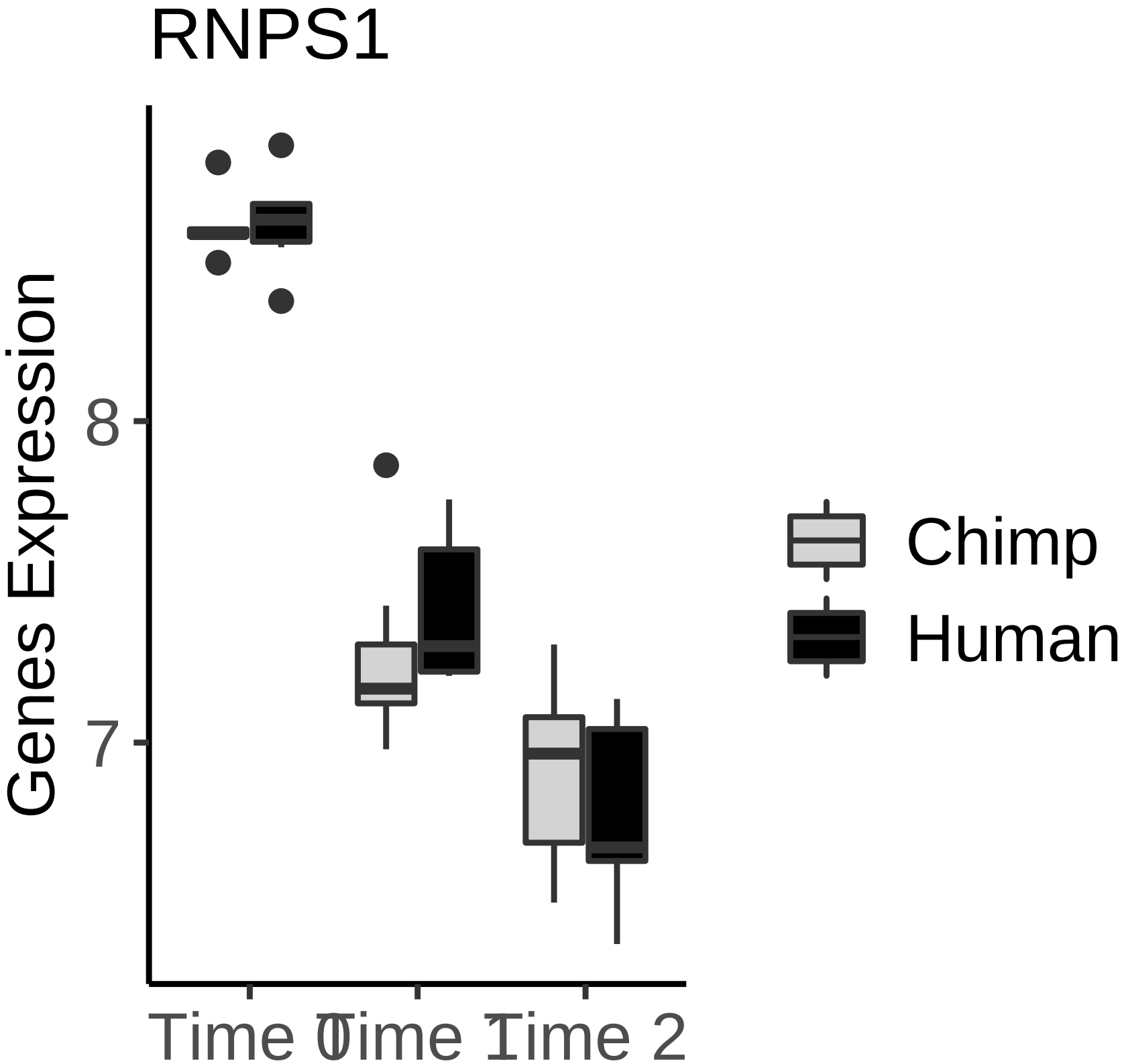
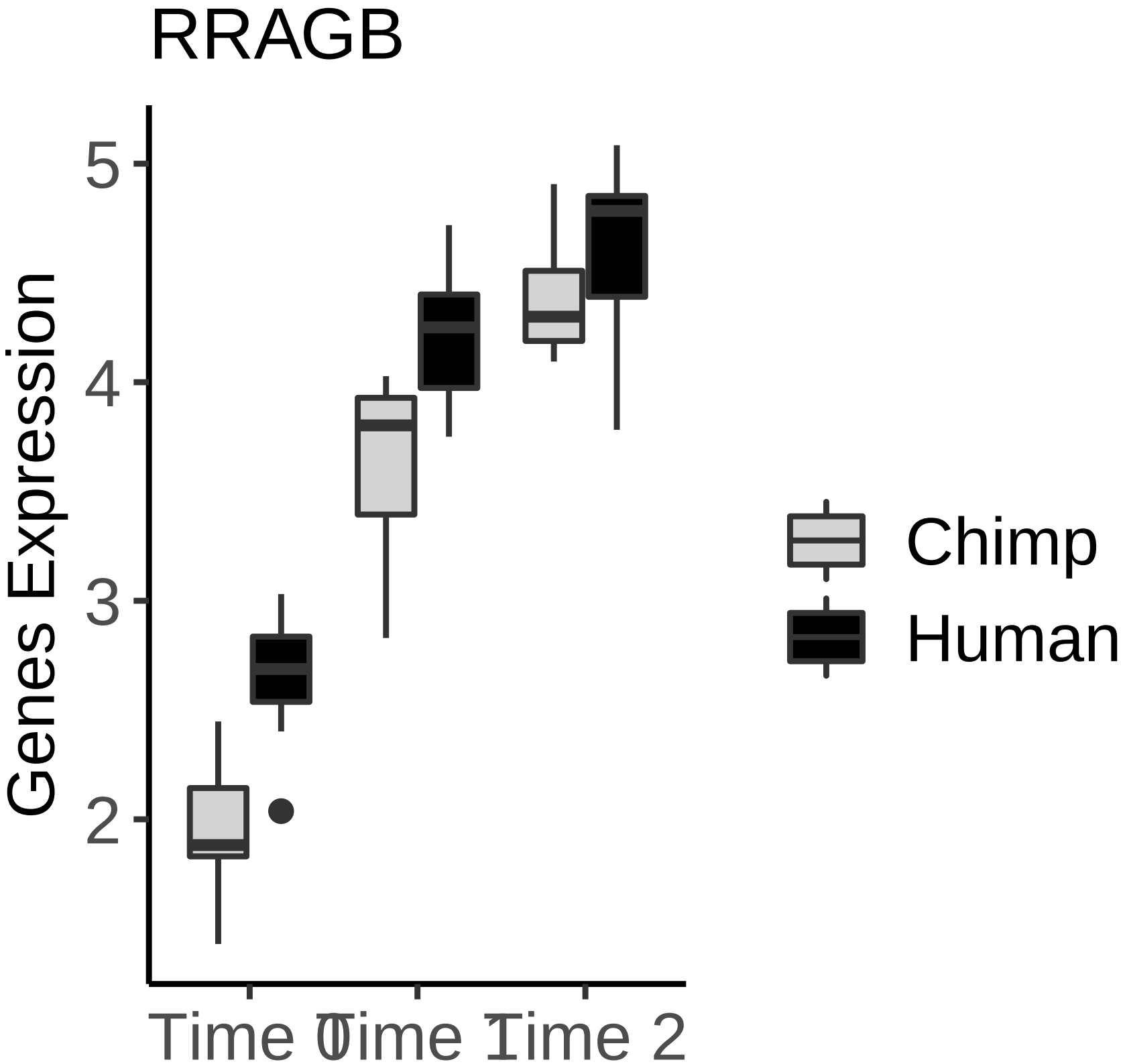
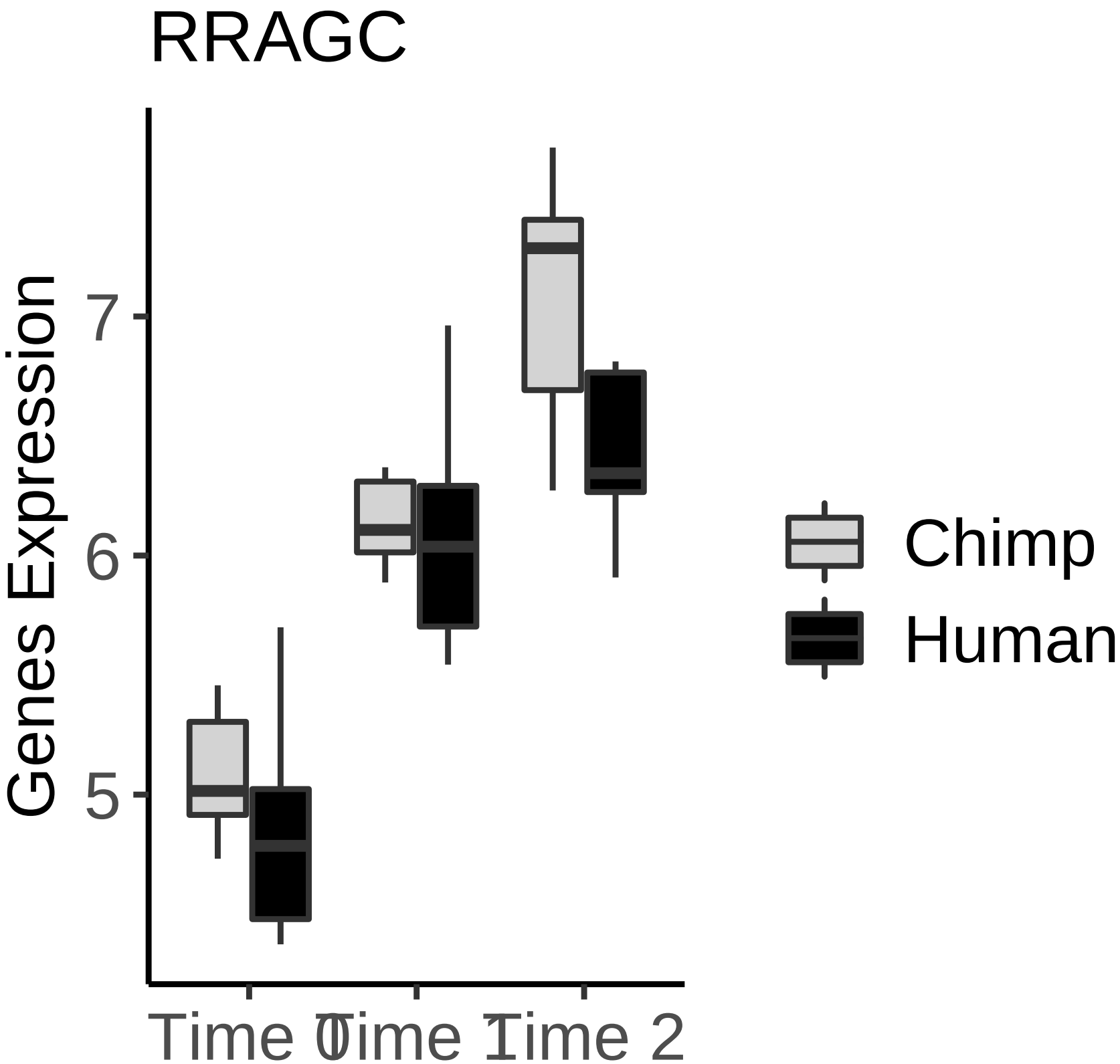

RNF44
Genes Expression
6
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human


RNPS1
Genes Expression
8
7
Time 0
Time 1
Time 2
Chimp
Human


RRAGB
Genes Expression
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human


RRAGC
Genes Expression
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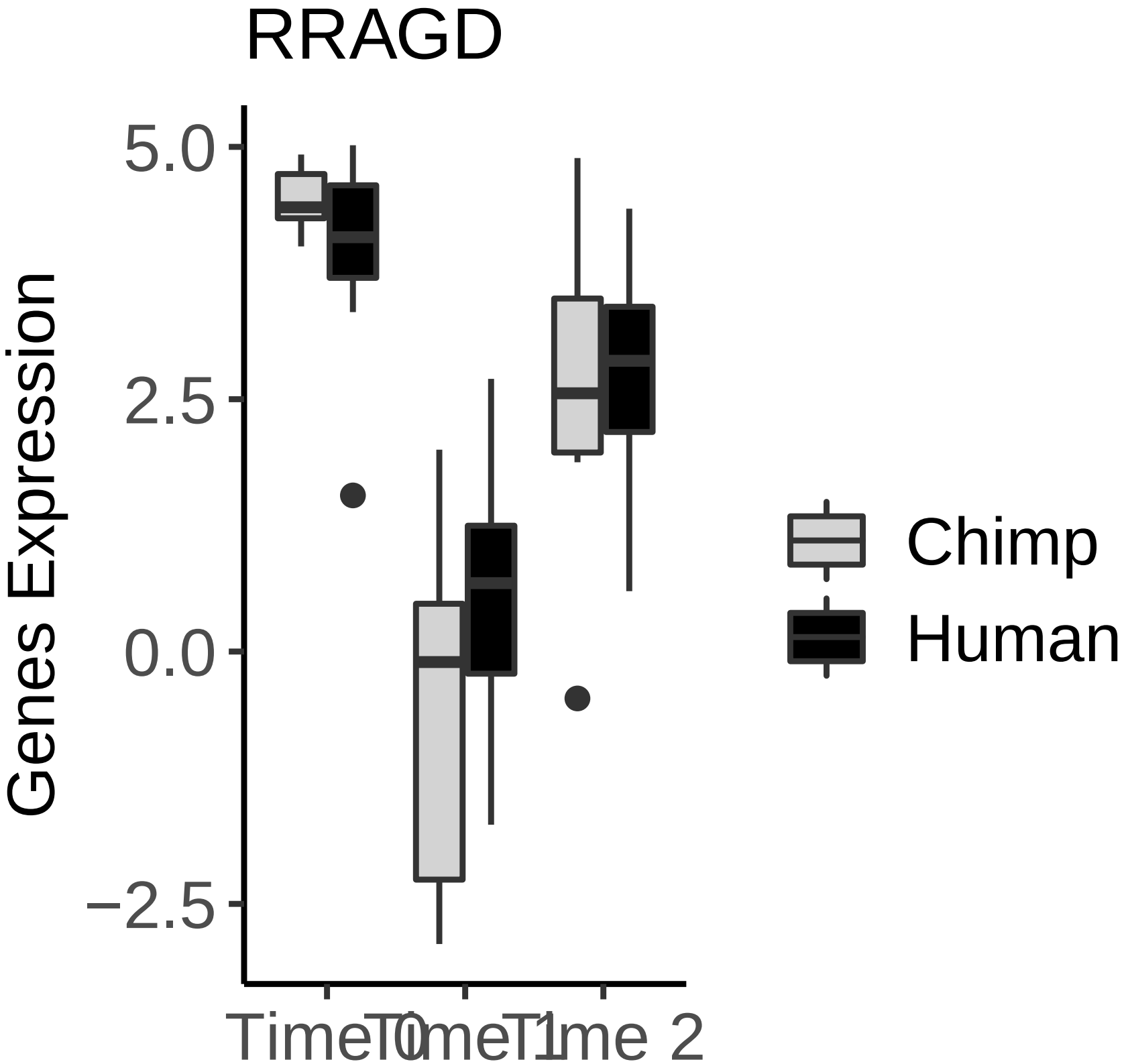
6
5
Time 0
Time 1
Time 2
Chimp
Human


RRAGD
Genes Expression
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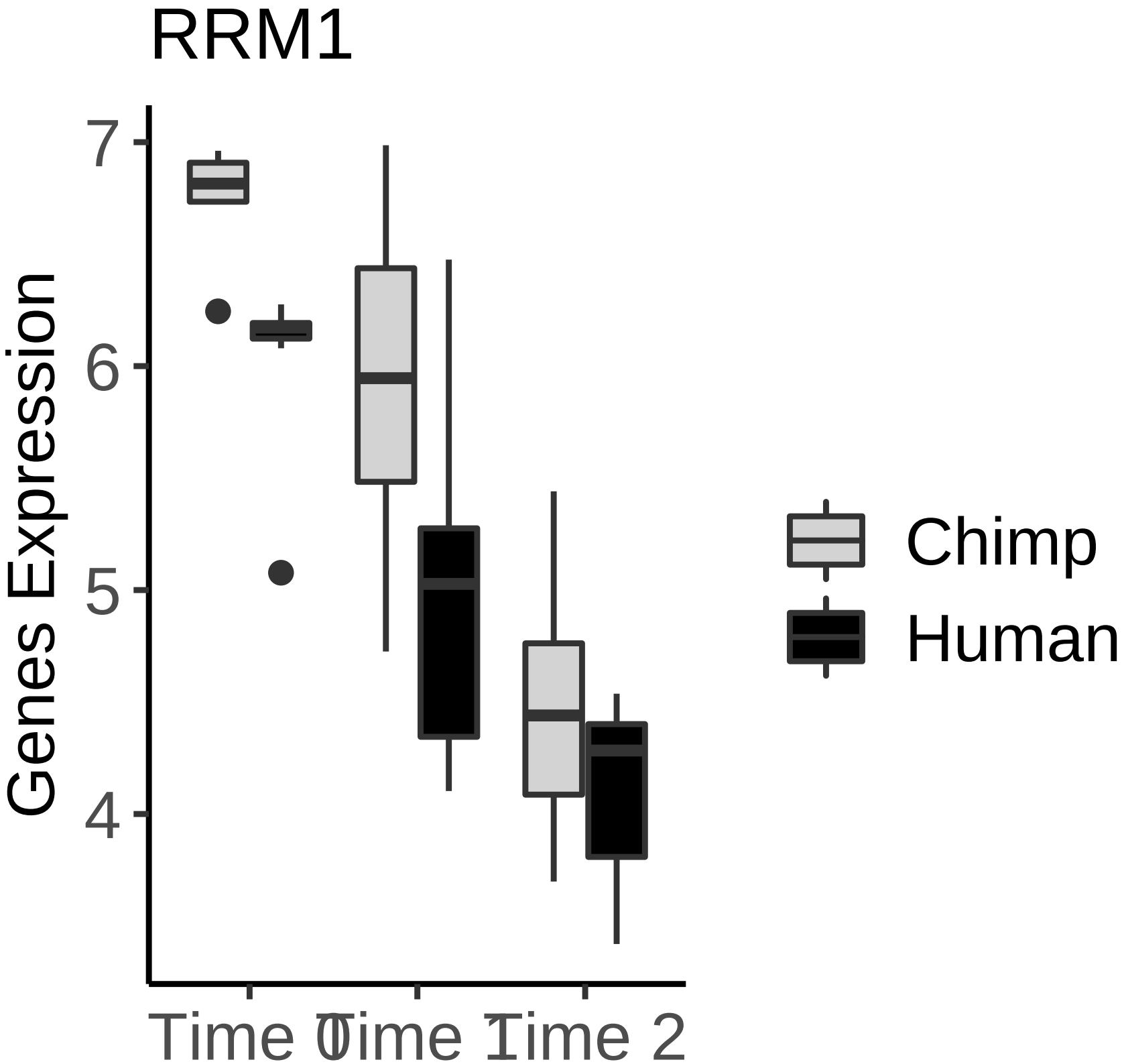
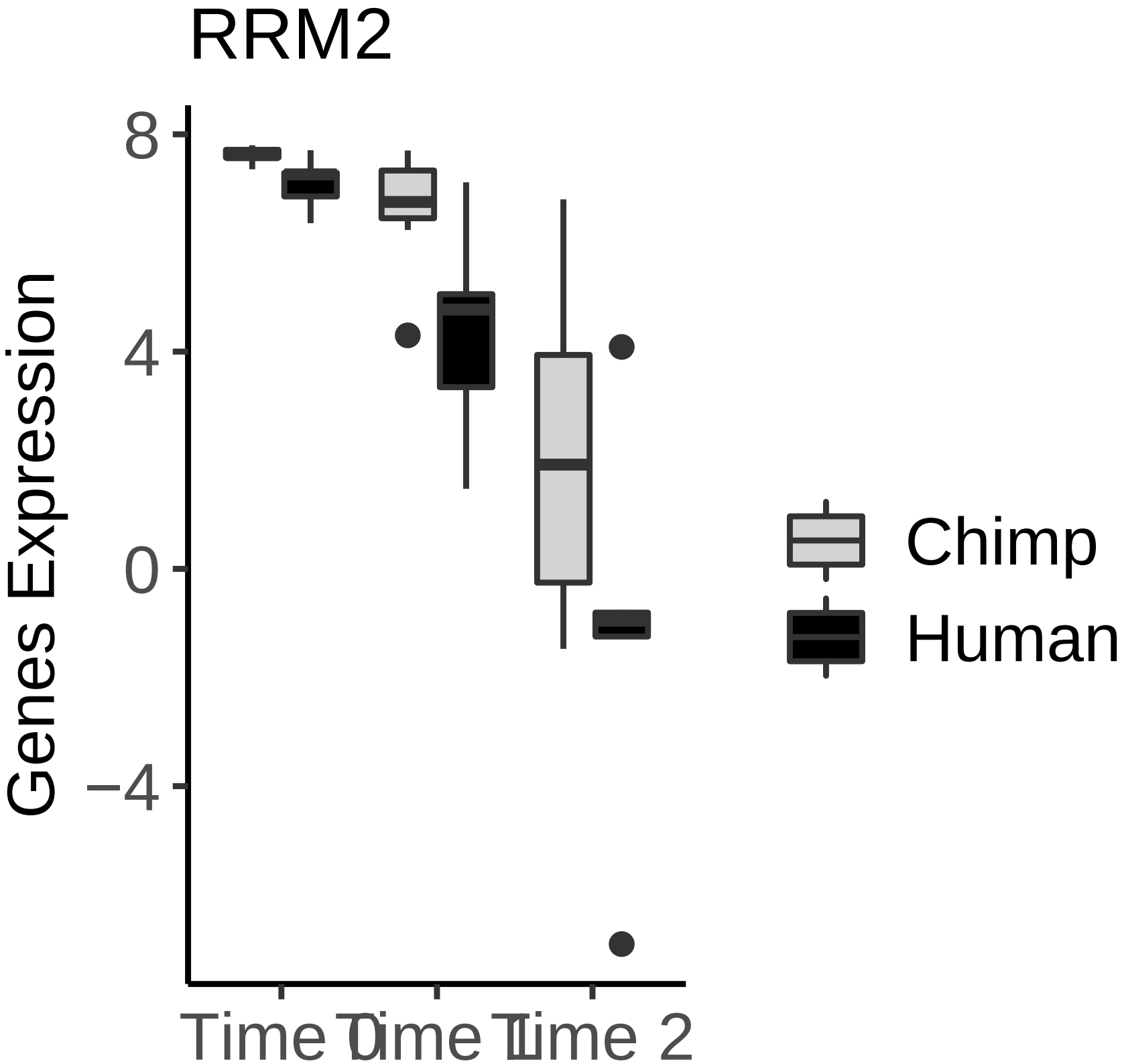
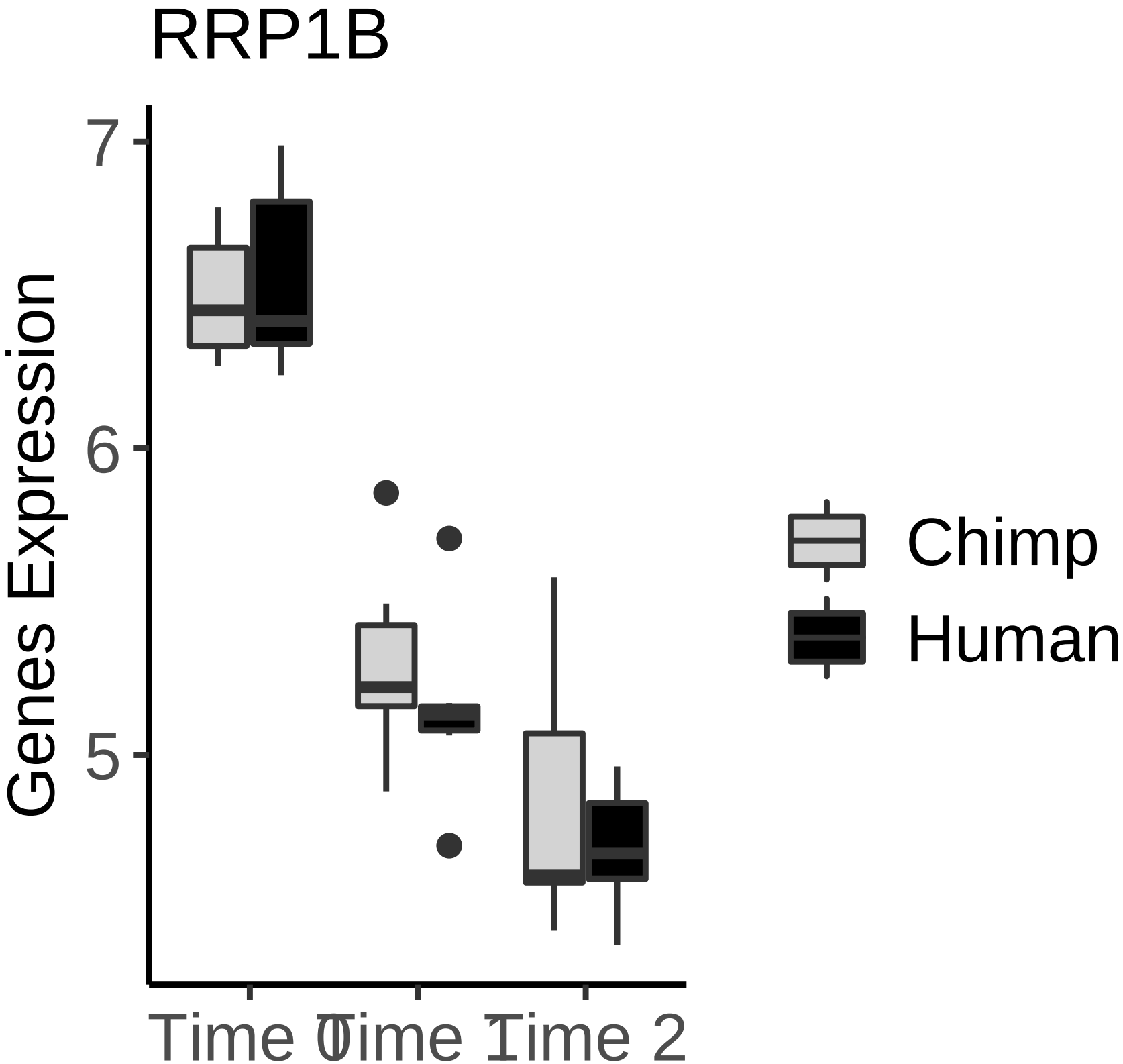
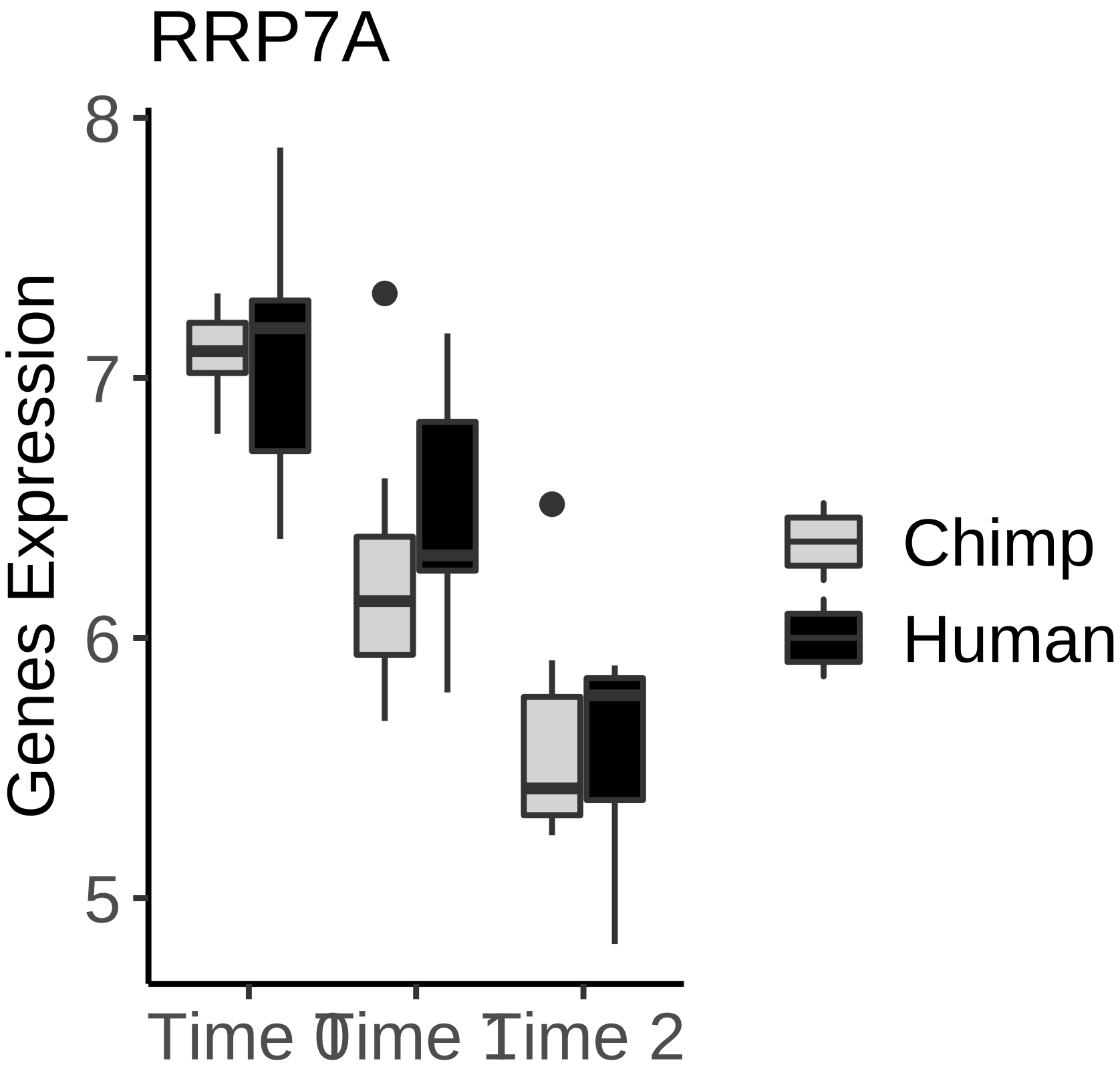
Time 0
Time 1
Time 2
Chimp
Human


RRM1
Genes Expression
7
6
5
4
Time 0
Time 1
Time 2
Chimp
Human


RRM2
Genes Expression
8
4
0
−4
Time 0
Time 1
Time 2
Chimp
Human


RRP1B
Genes Expression
7
6
5
Time 0
Time 1
Time 2
Chimp
Human


RRP7A
Genes Expression
8
7
6
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Time 0
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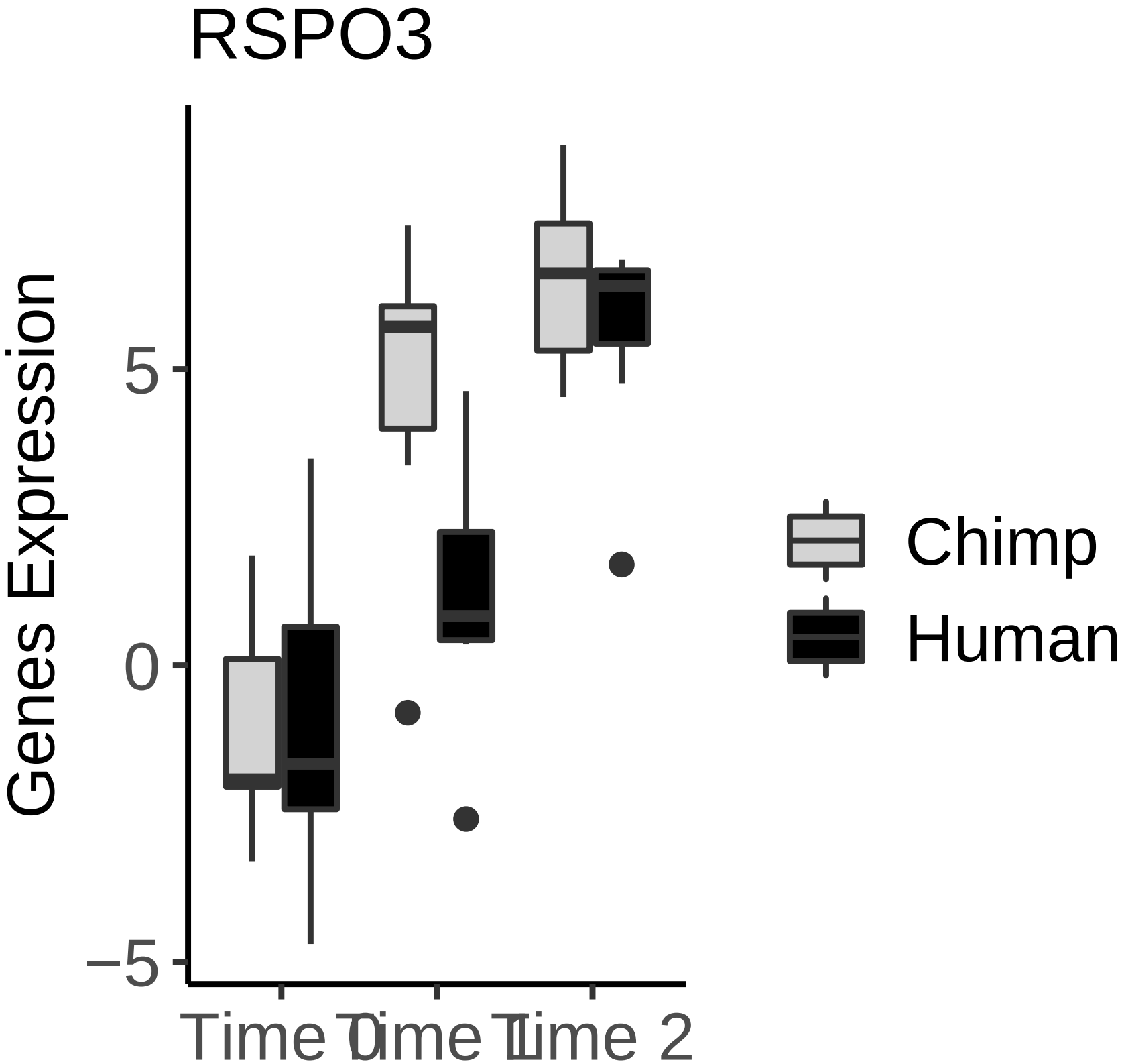
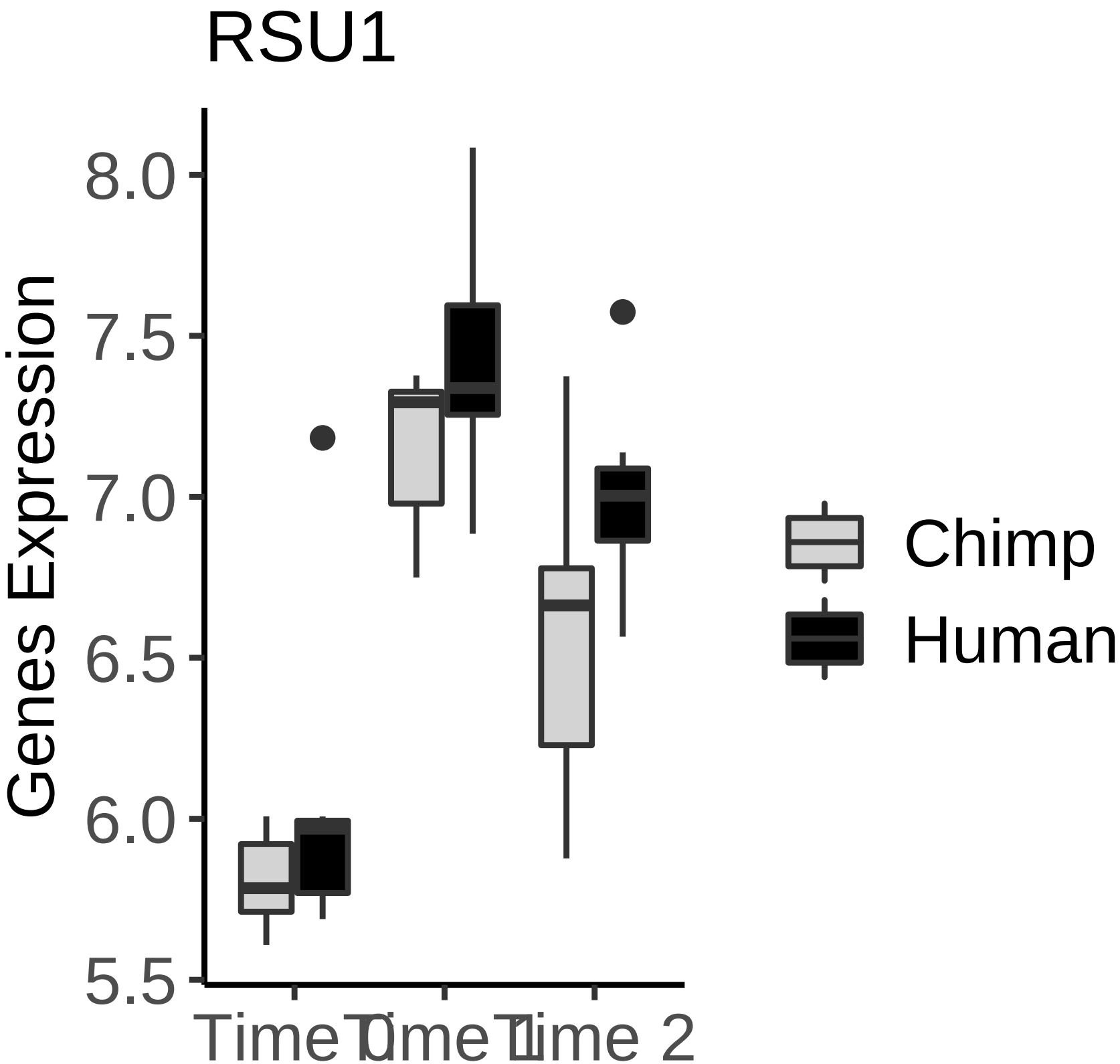
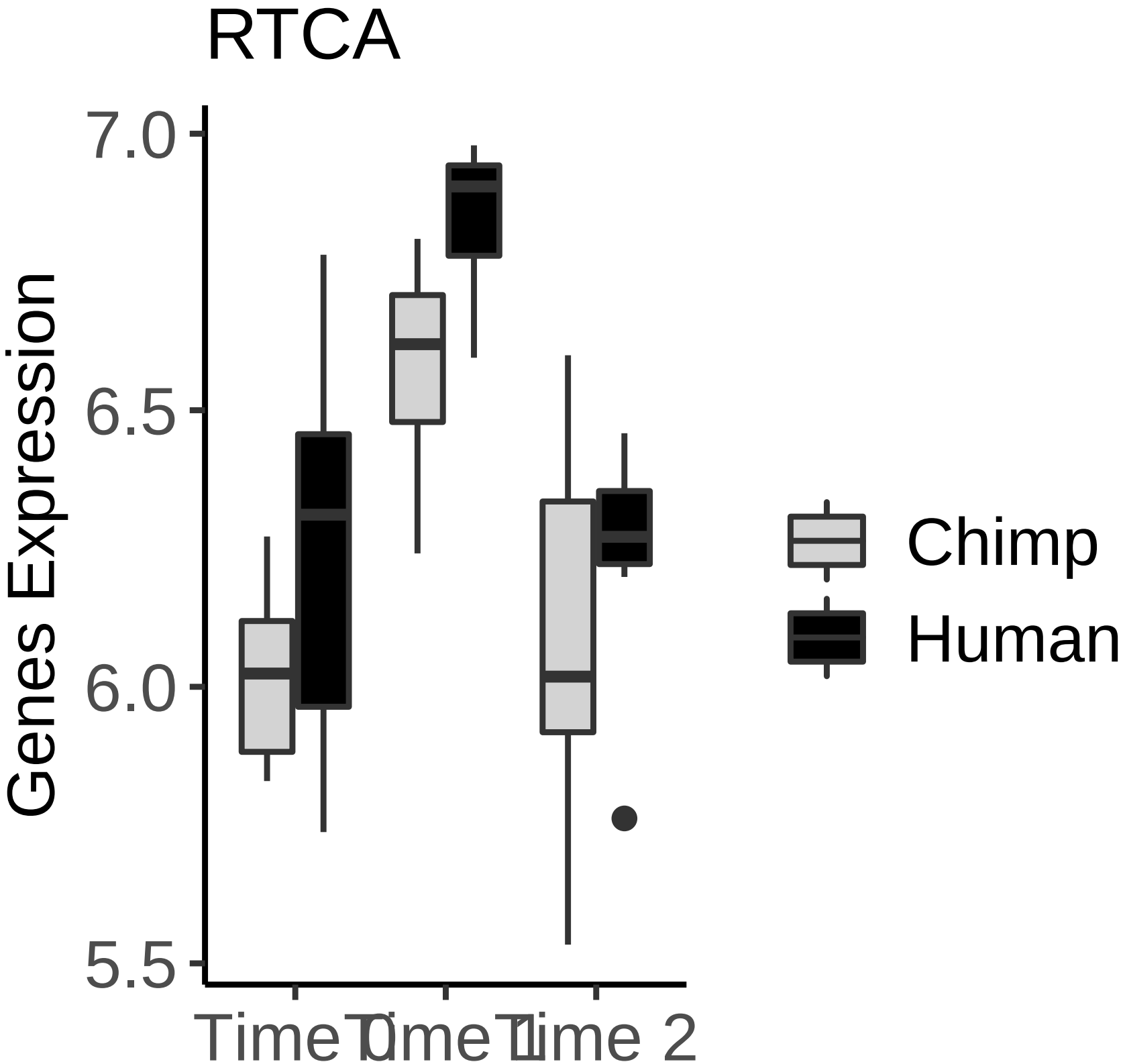
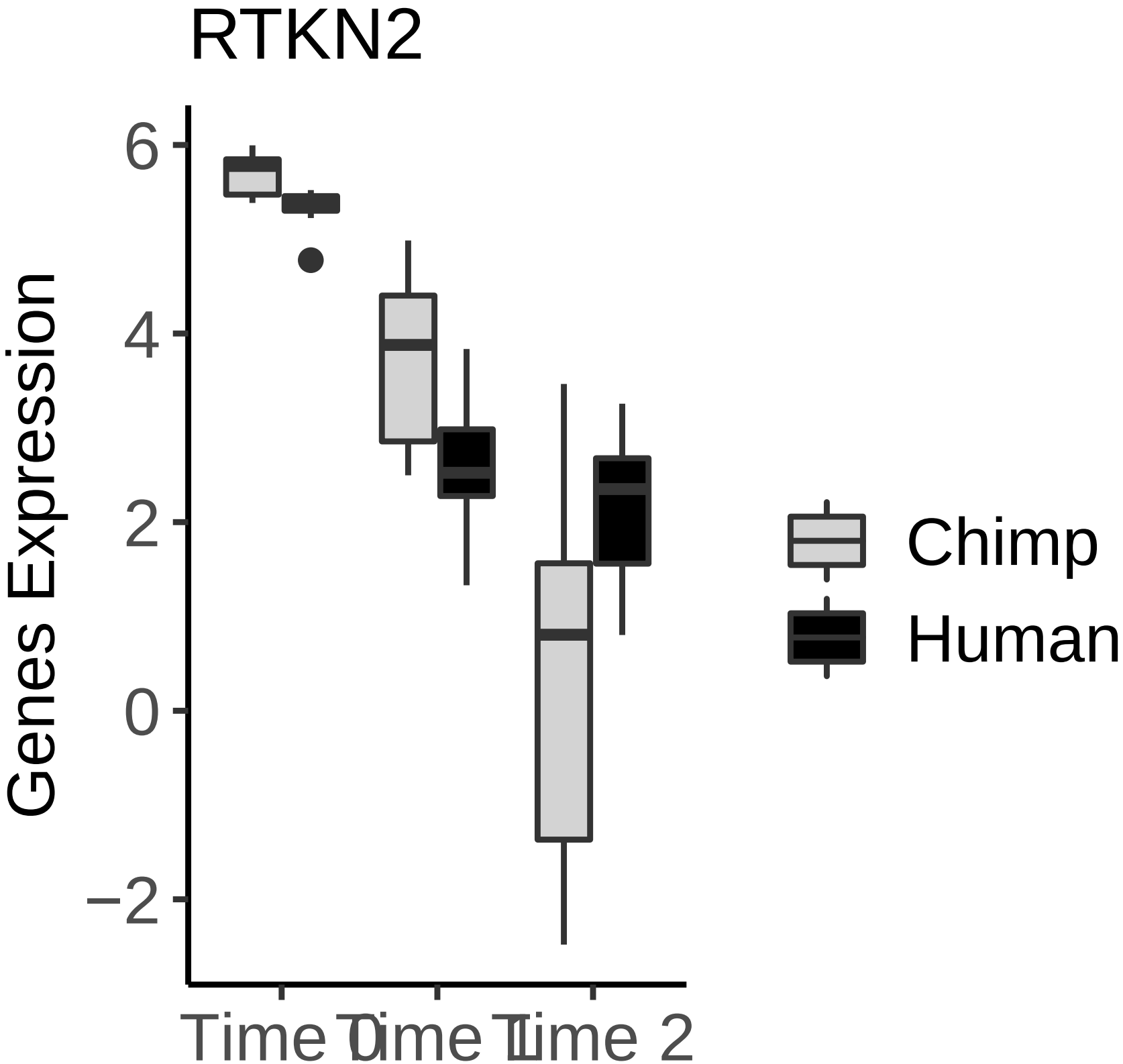
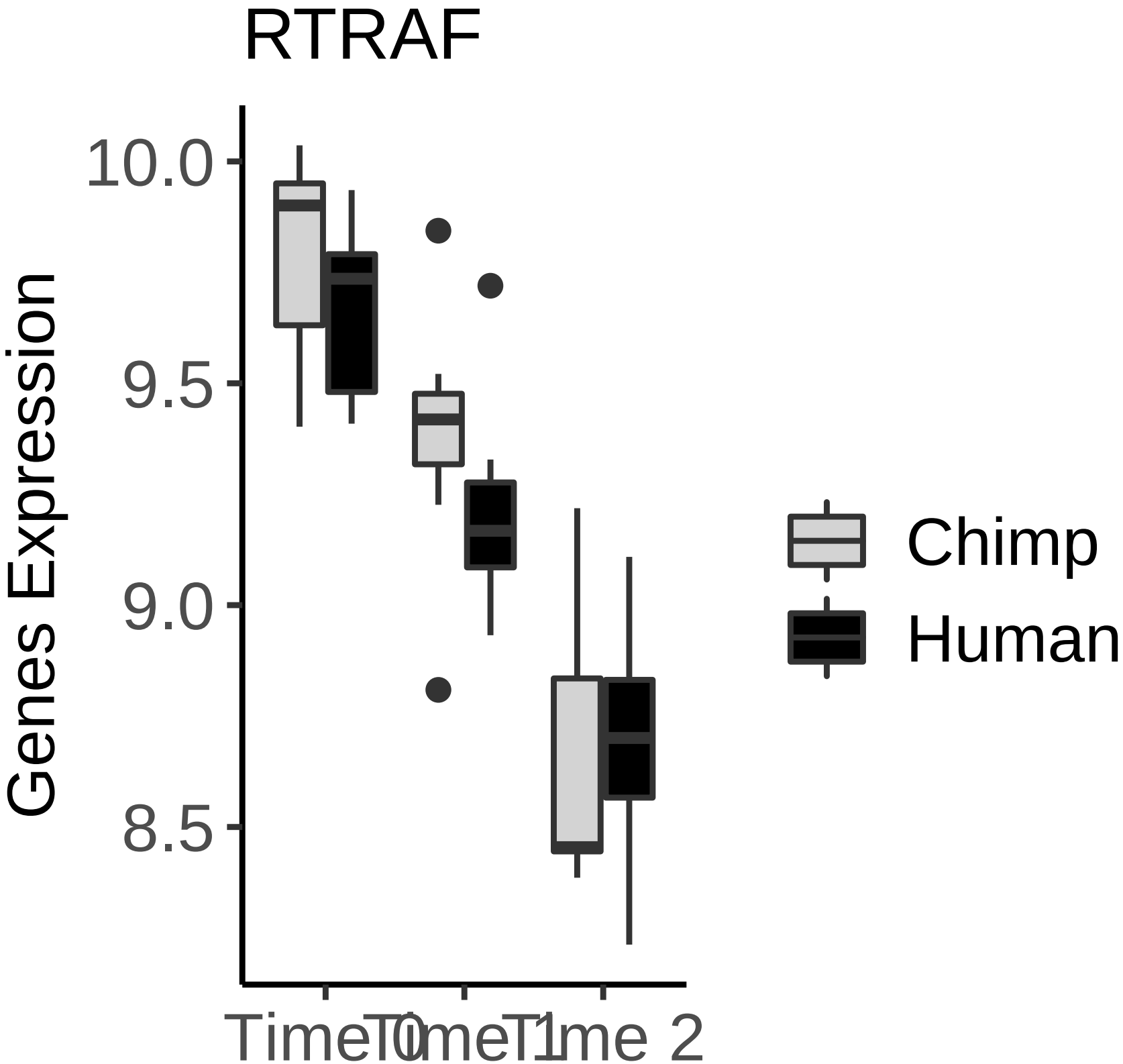
Time 2
Chimp
Human

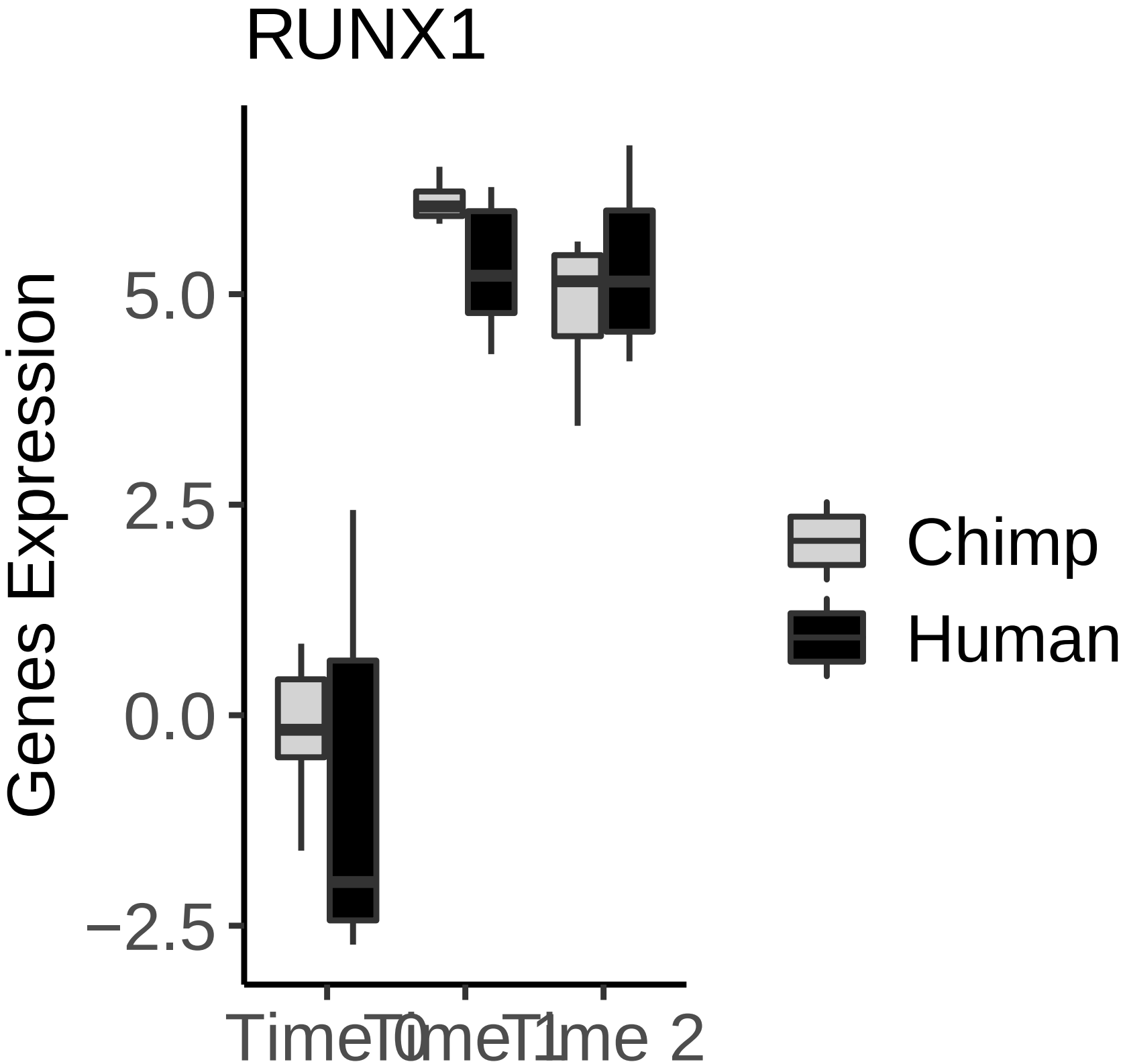

RSPO3
Genes Expression
5
0
−5
Time 0
Time 1
Time 2
Chimp
Human

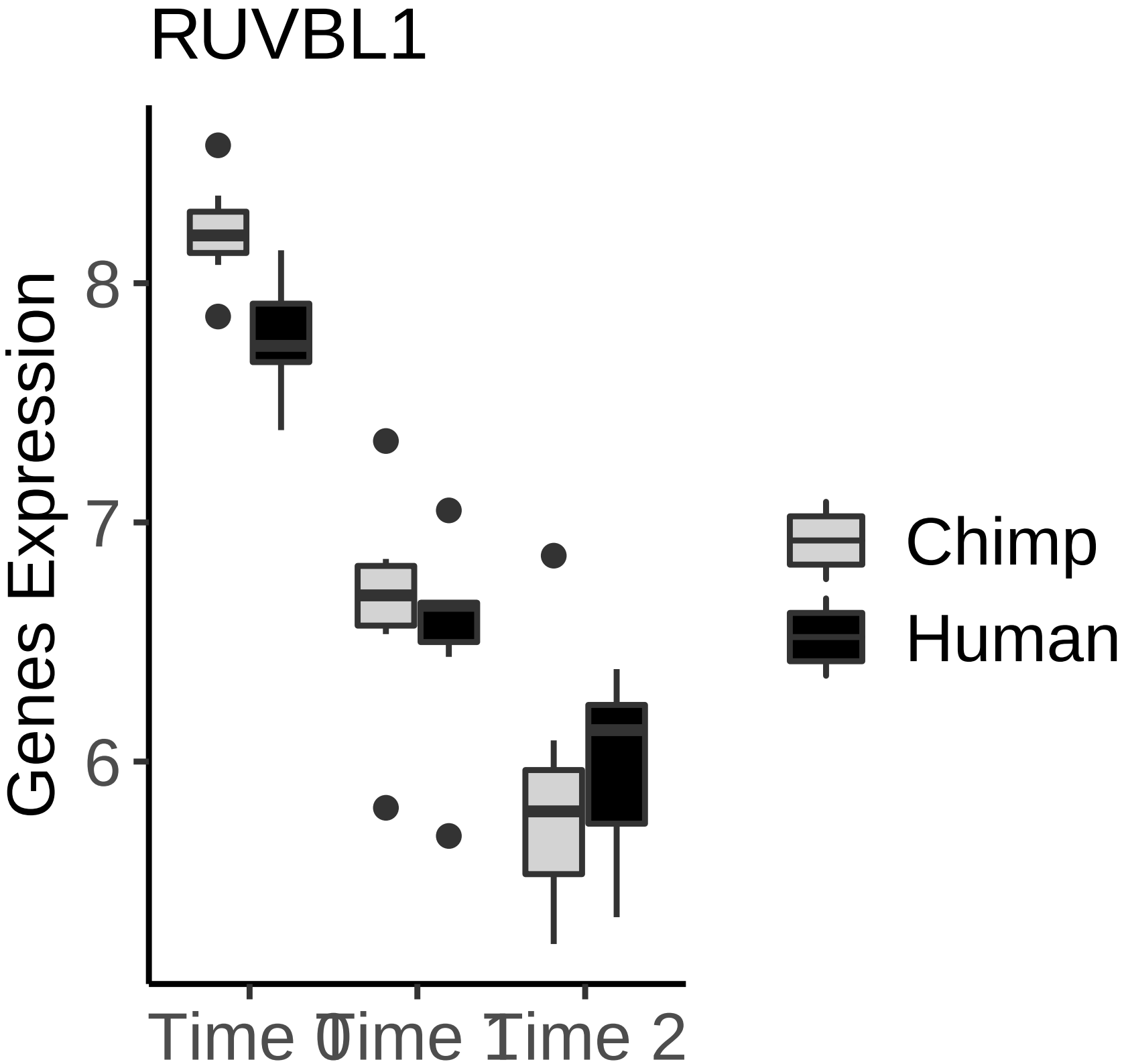

RSU1
Genes Expression
8.0
7.5
7.0
6.5
6.0
5.5
Time 0
Time 1
Time 2
Chimp
Human

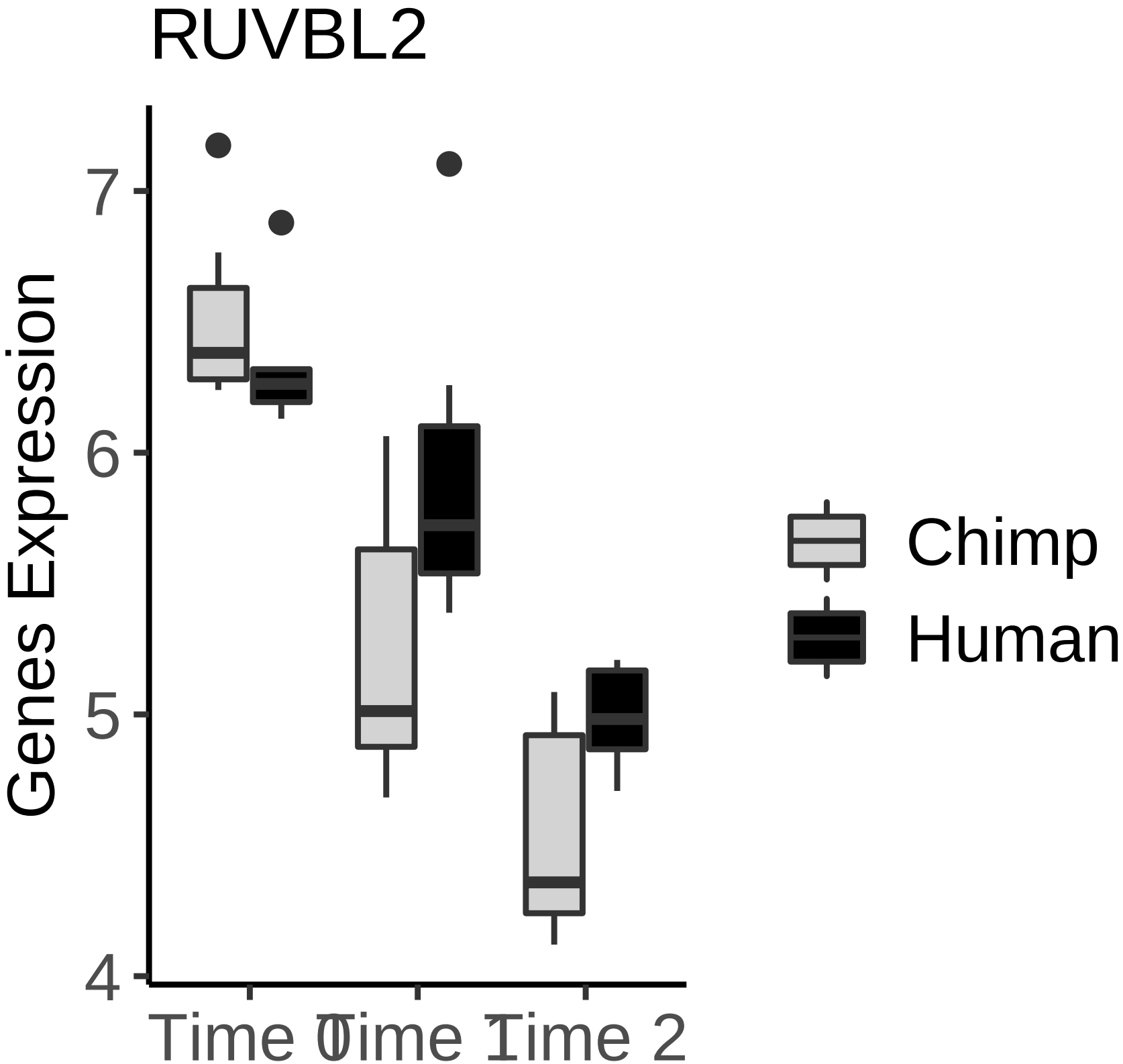

RTCA
Genes Expression
7.0
6.5
6.0
5.5
Time 0
Time 1
Time 2
Chimp
Human

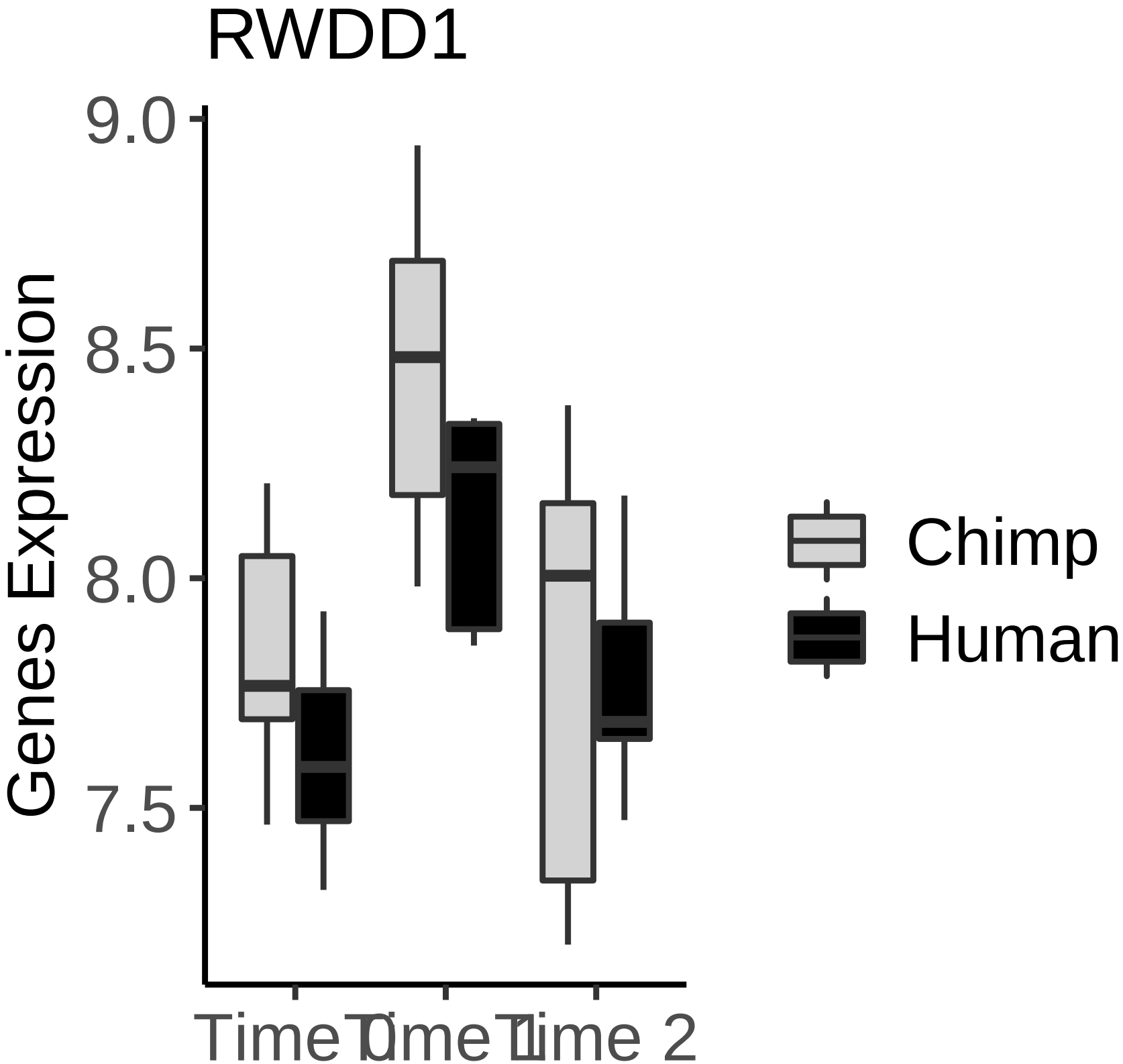

RTKN2
Genes Expression
6
4
2
0
−2
Time 0
Time 1
Time 2
Chimp
Human

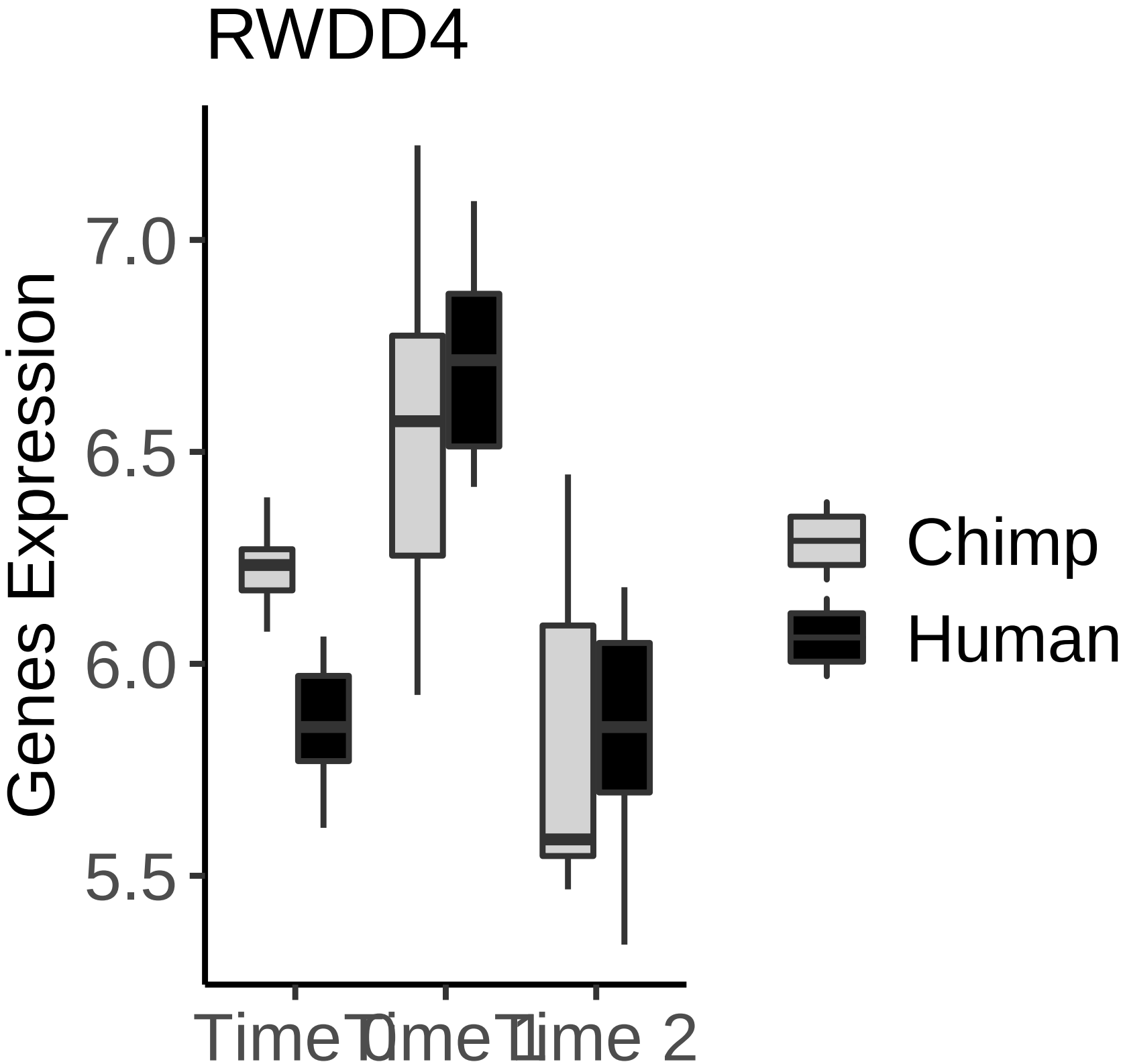

RTRAF
Genes Expression
10.0
9.5
9.0
8.5
Time 0
Time 1
Time 2
Chimp
Human

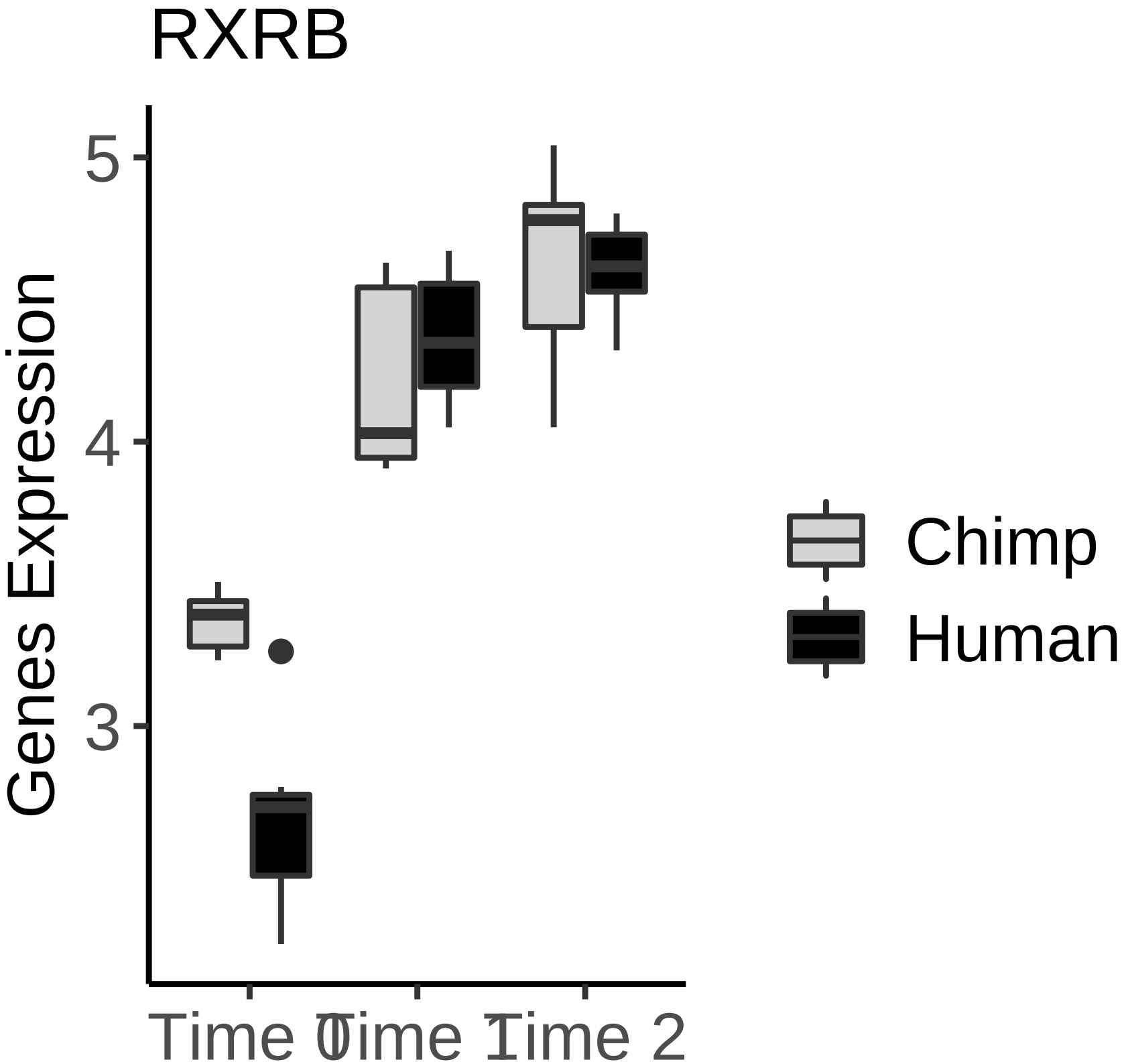

RUNX1
Genes Expression
5.0
2.5
0.0
−2.5
Time 0
Time 1
Time 2
Chimp
Human

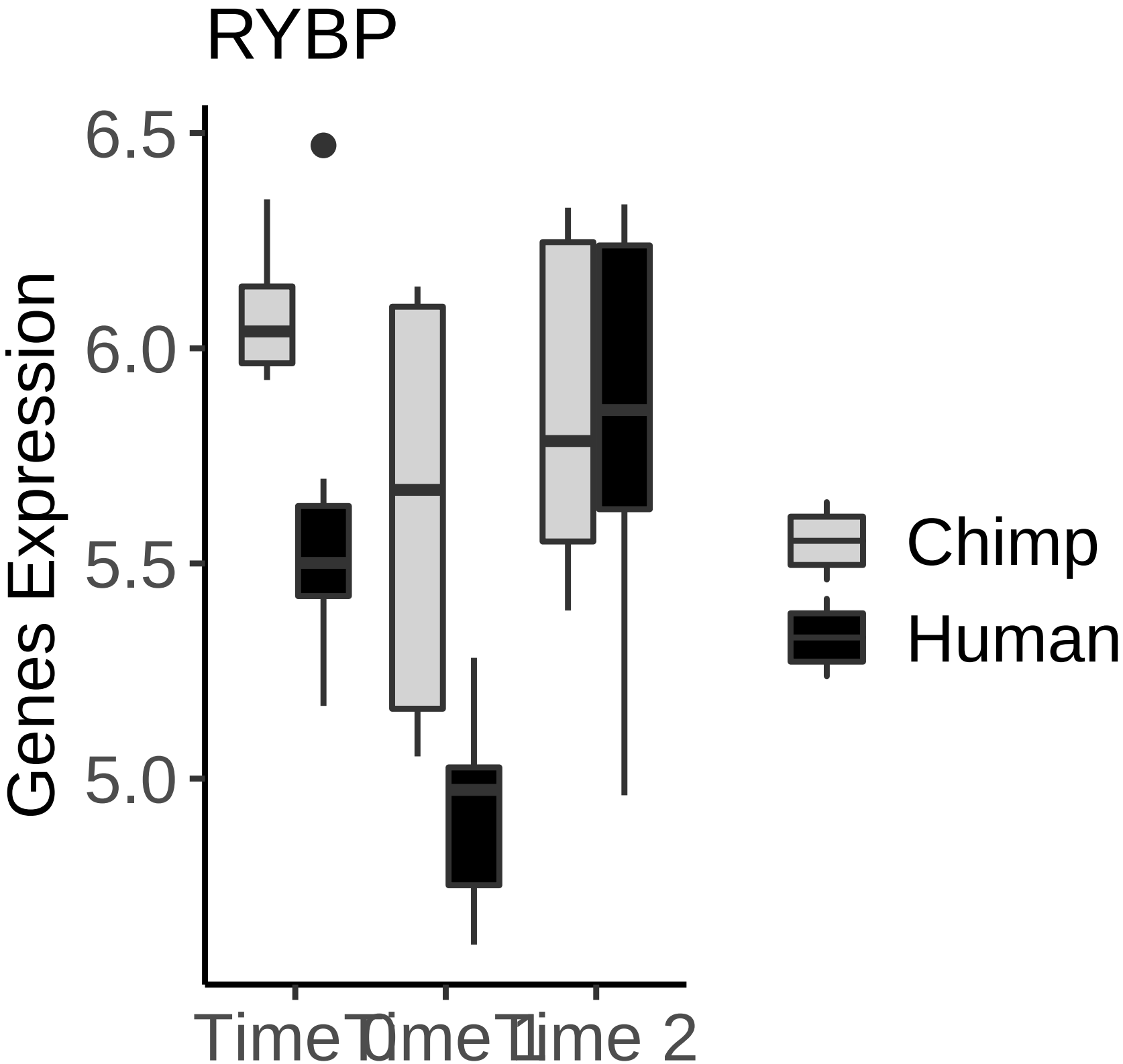

RUVBL1
Genes Expression
8
7
6
Time 0
Time 1
Time 2
Chimp
Human

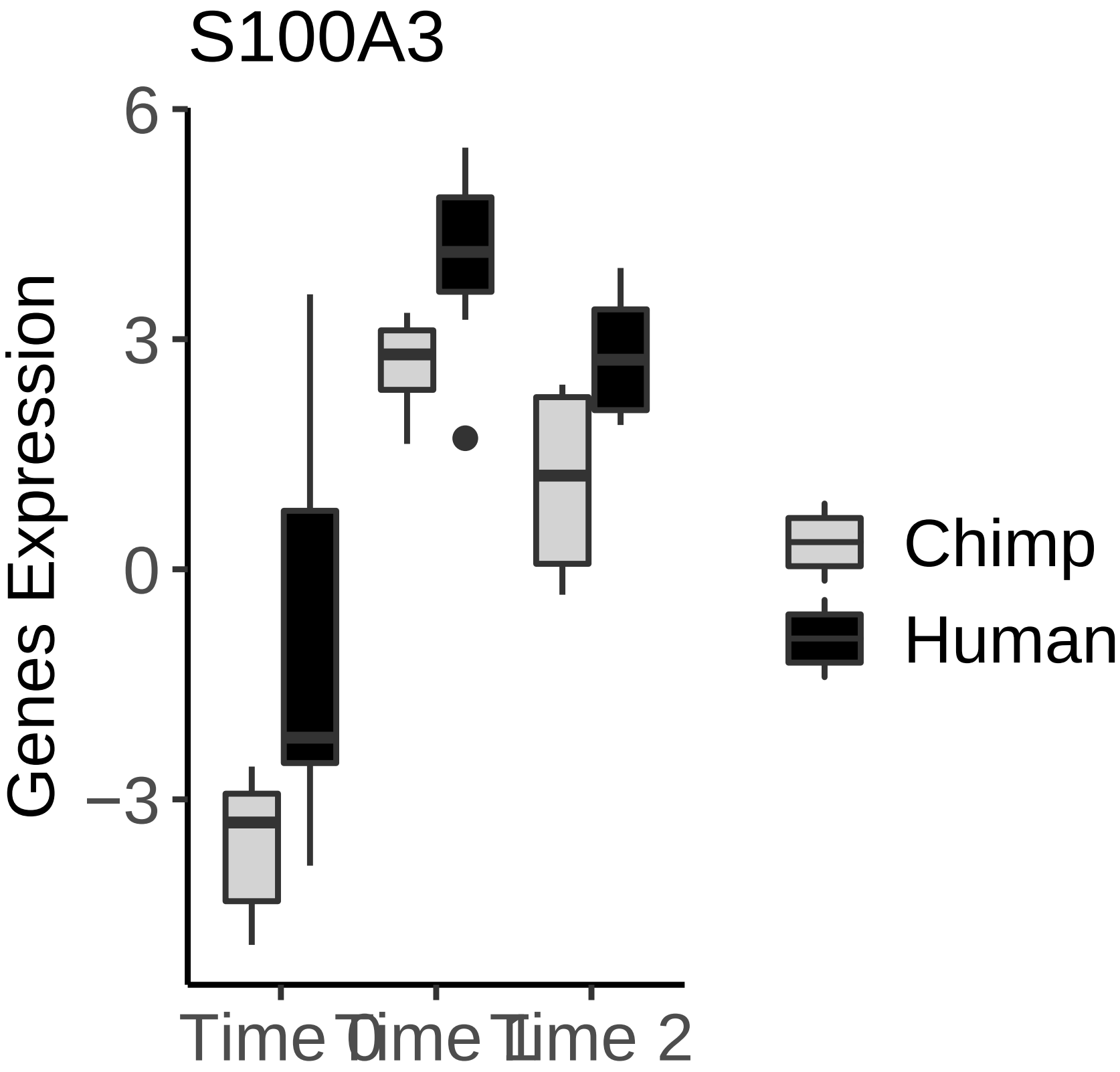

RUVBL2
Genes Expression
7
6
5
4
Time 0
Time 1
Time 2
Chimp
Human

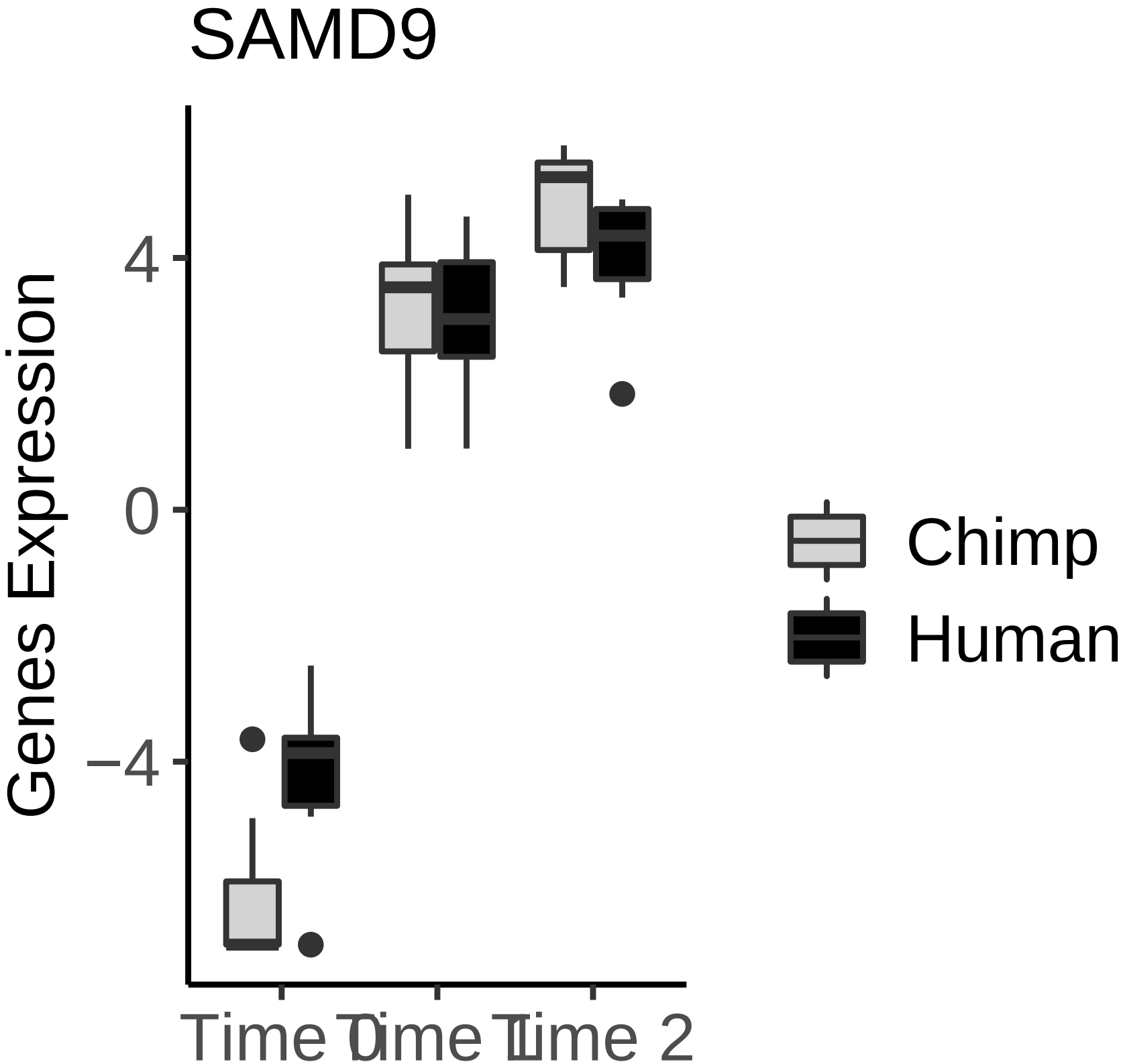

RWDD1
Genes Expression
9.0
8.5
8.0
7.5
Time 0
Time 1
Time 2
Chimp
Human

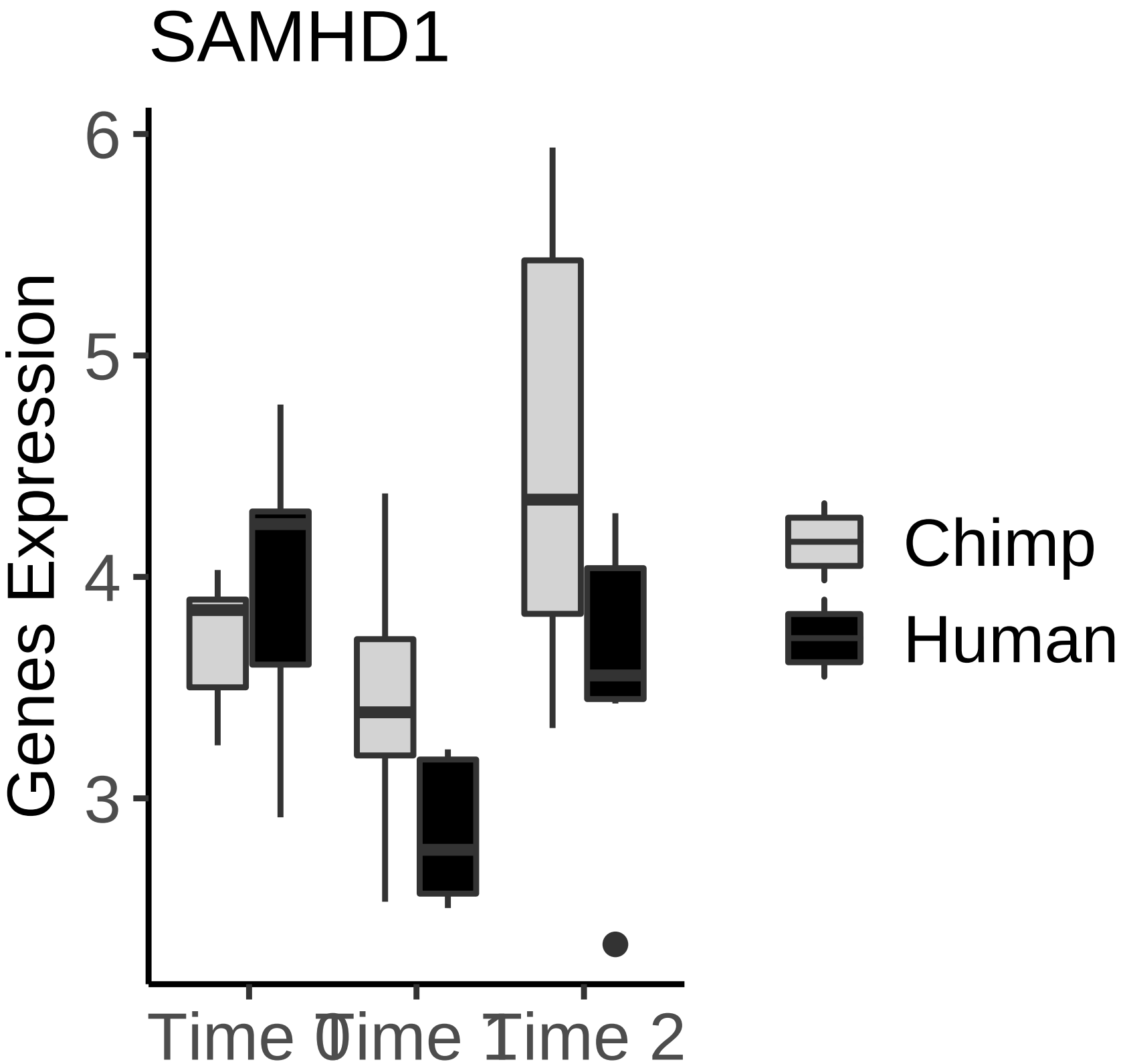

RWDD4
Genes Expression
7.0
6.5
6.0
5.5
Time 0
Time 1
Time 2
Chimp
Human

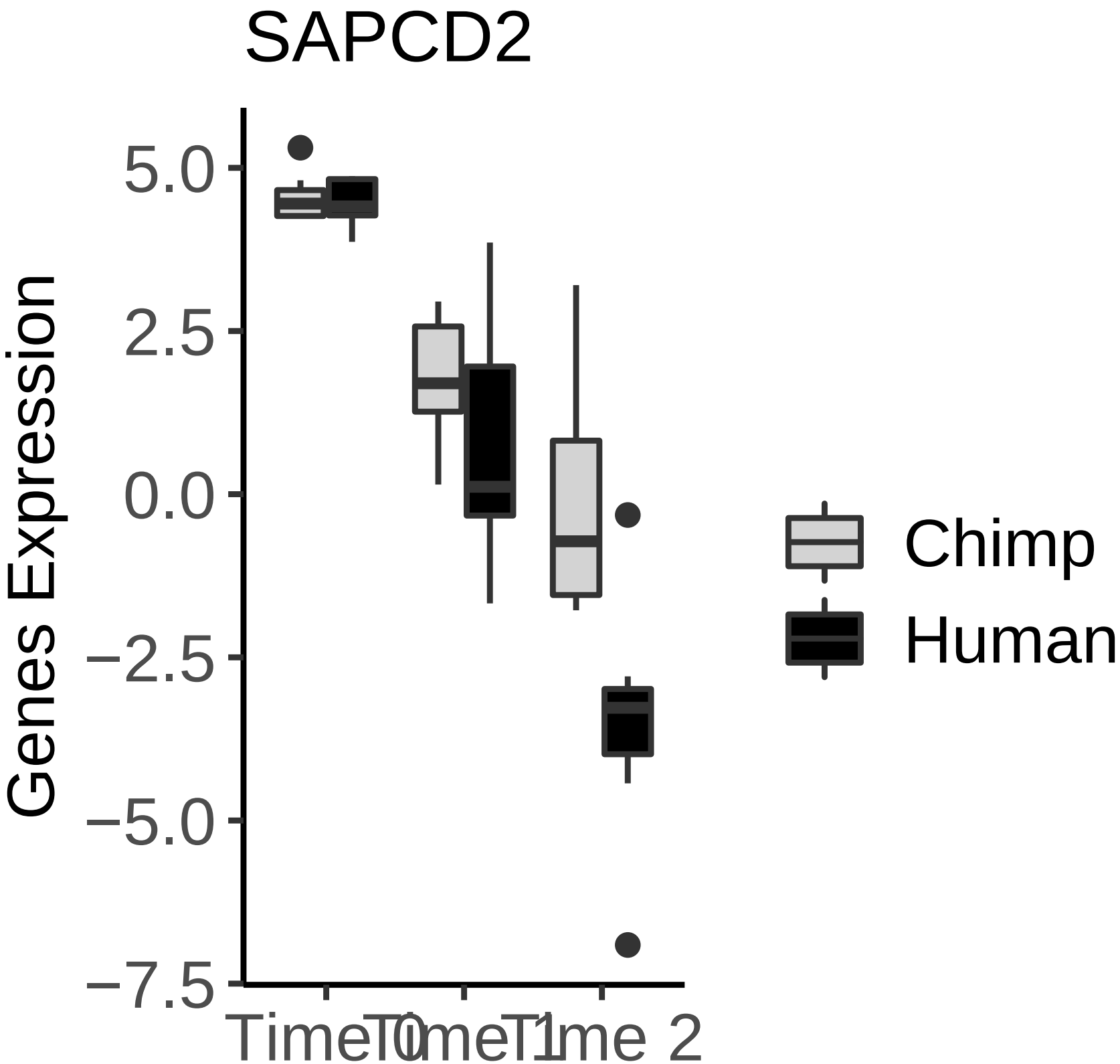

RXRB
Genes Expression
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


RYBP
Genes Expression
6.5
6.0
5.5
5.0
Time 0
Time 1
Time 2
Chimp
Human


S100A3
Genes Expression
6
3
0
−3
Time 0
Time 1
Time 2
Chimp
Human


SAMD9
Genes Expression
4
0
−4
Time 0
Time 1
Time 2
Chimp
Human


SAMHD1
Genes Expression
6
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


SAPCD2
Genes Expression
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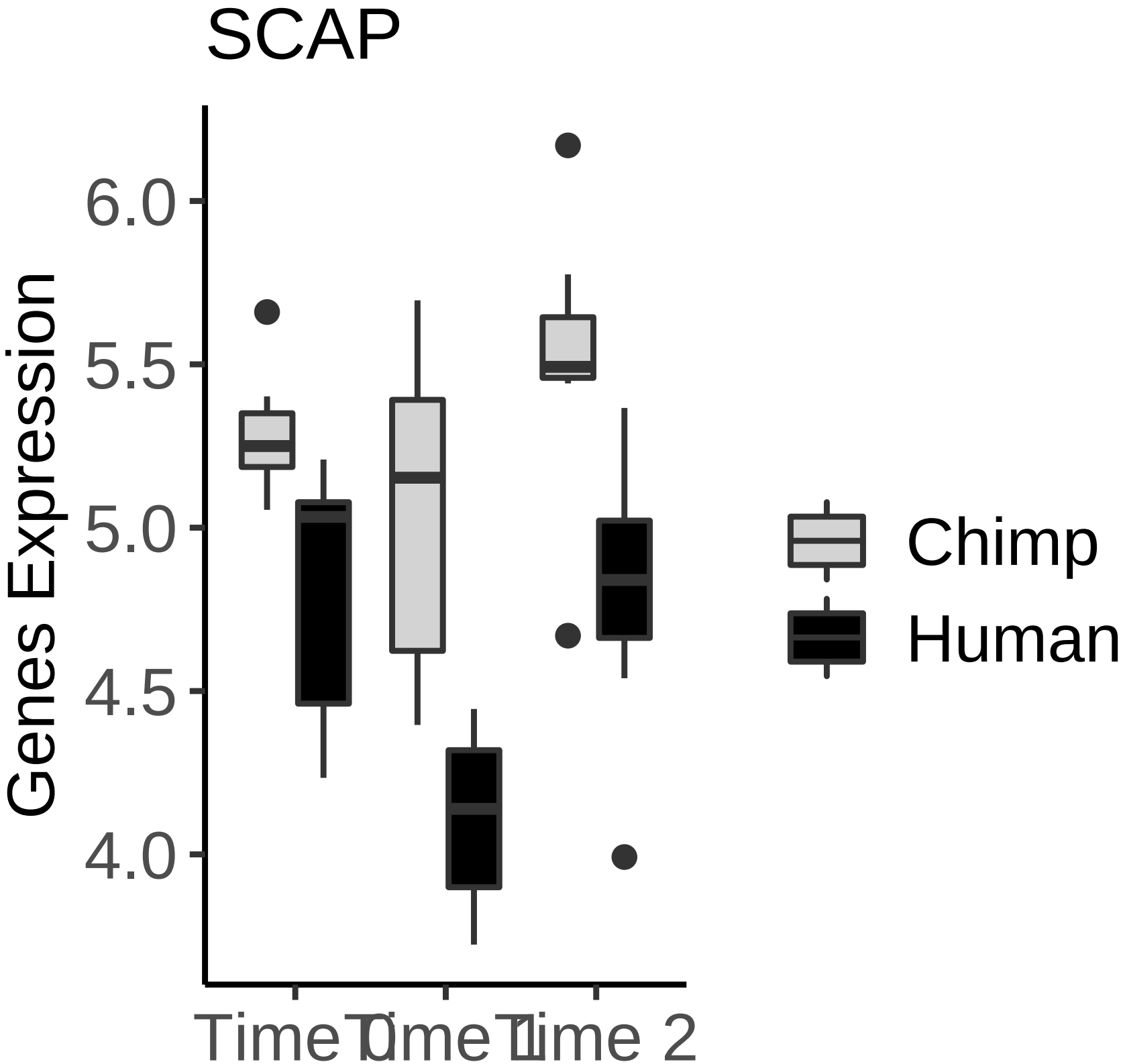
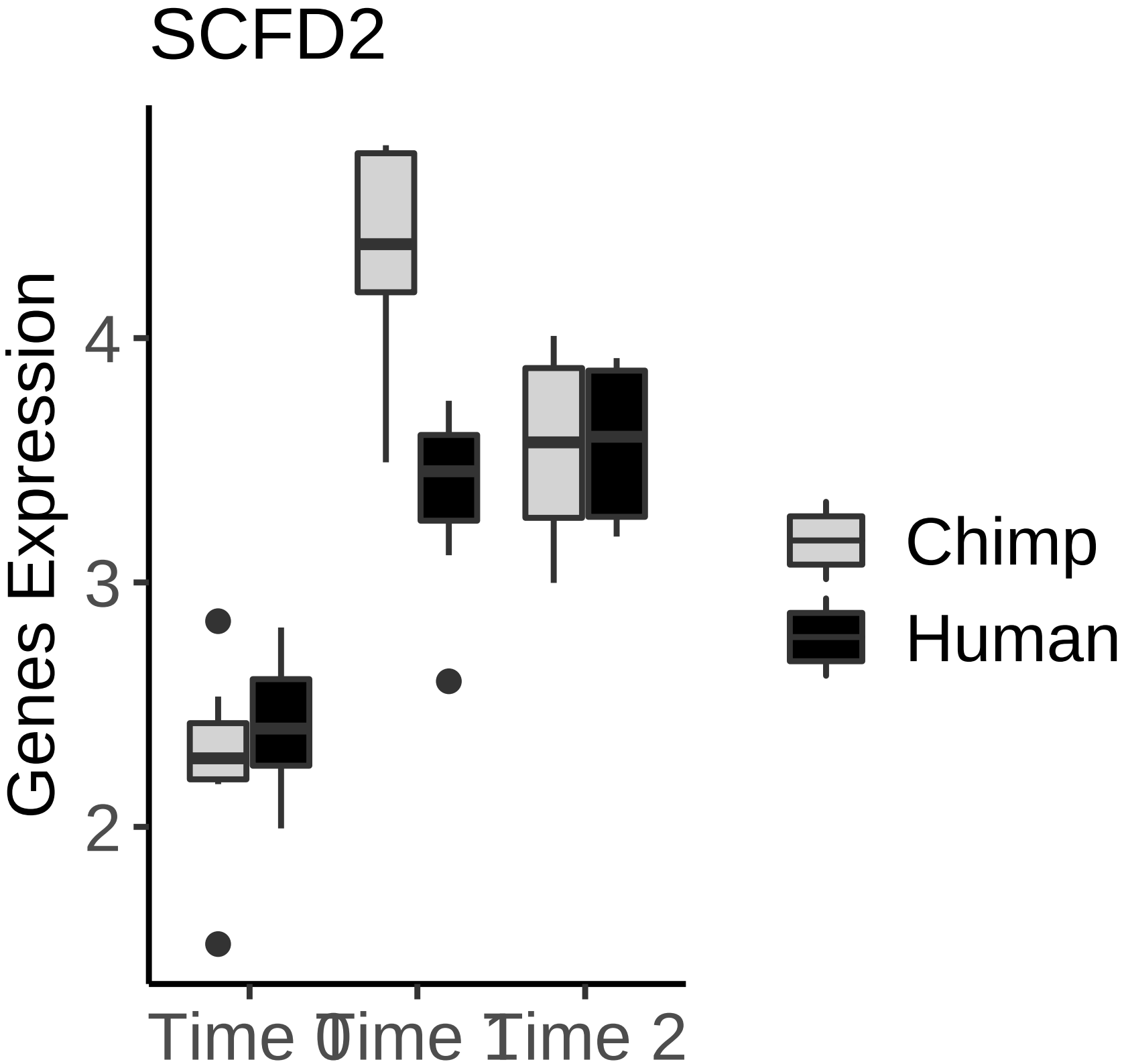
2.5
0.0
−2.5
−5.0
−7.5
Time 0
Time 1
Time 2
Chimp
Human


SCAP
Genes Expression
6.0
5.5
5.0
4.5
4.0
Time 0
Time 1
Time 2
Chimp
Human


SCFD2
Genes Expression
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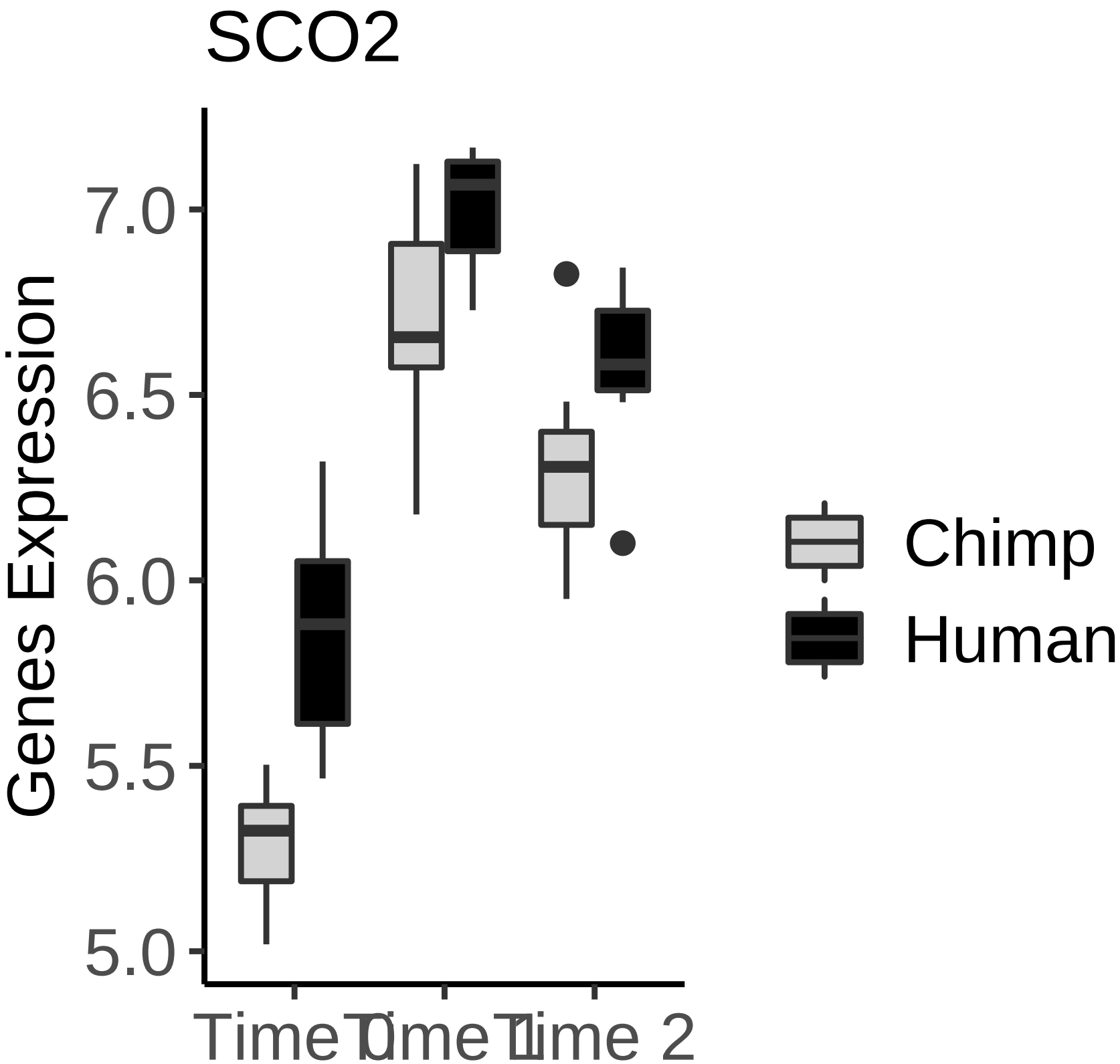
3
2
Time 0
Time 1
Time 2
Chimp
Human


SCO2
Genes Expression
7.0
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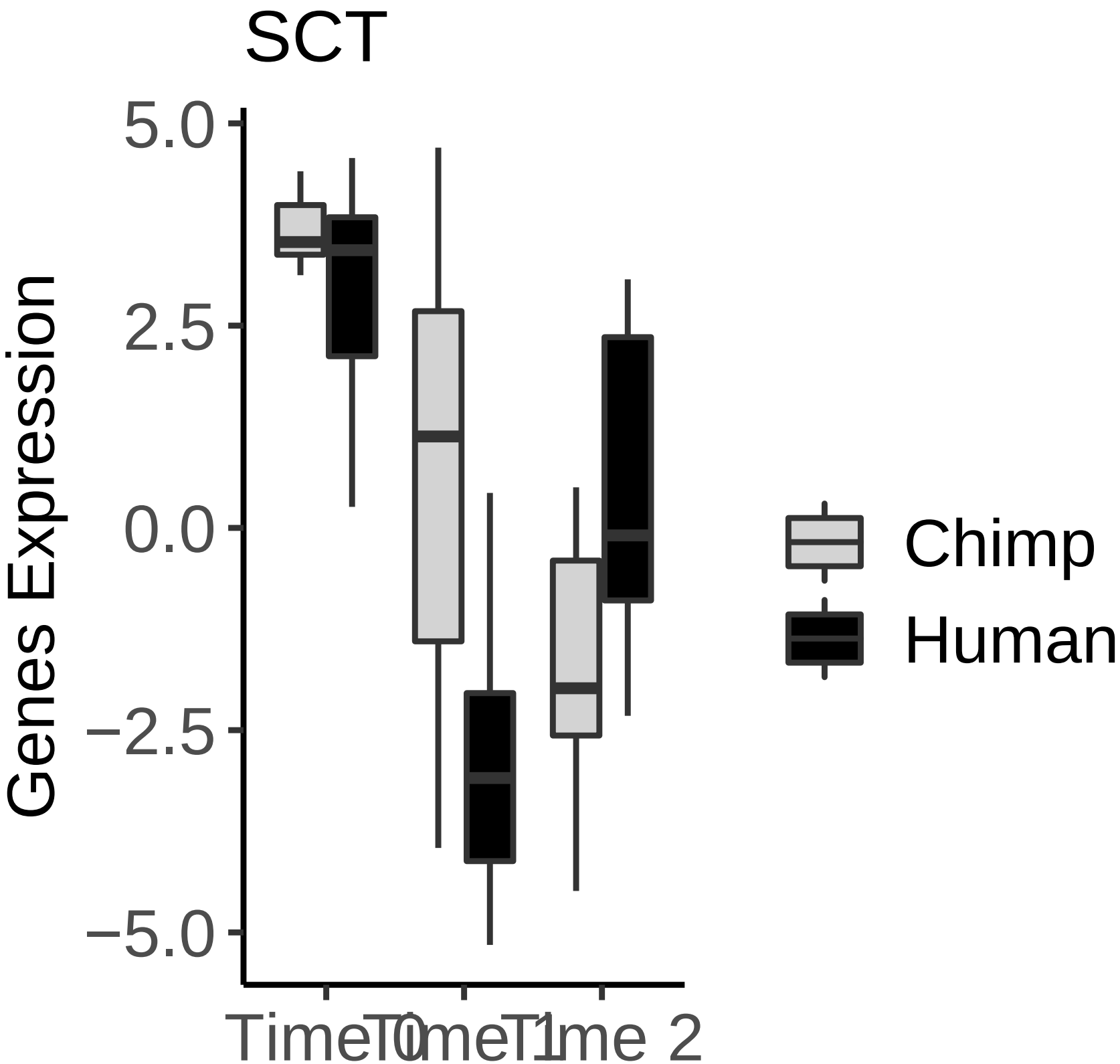
6.0
5.5
5.0
Time 0
Time 1
Time 2
Chimp
Human


SCT
Genes Expression
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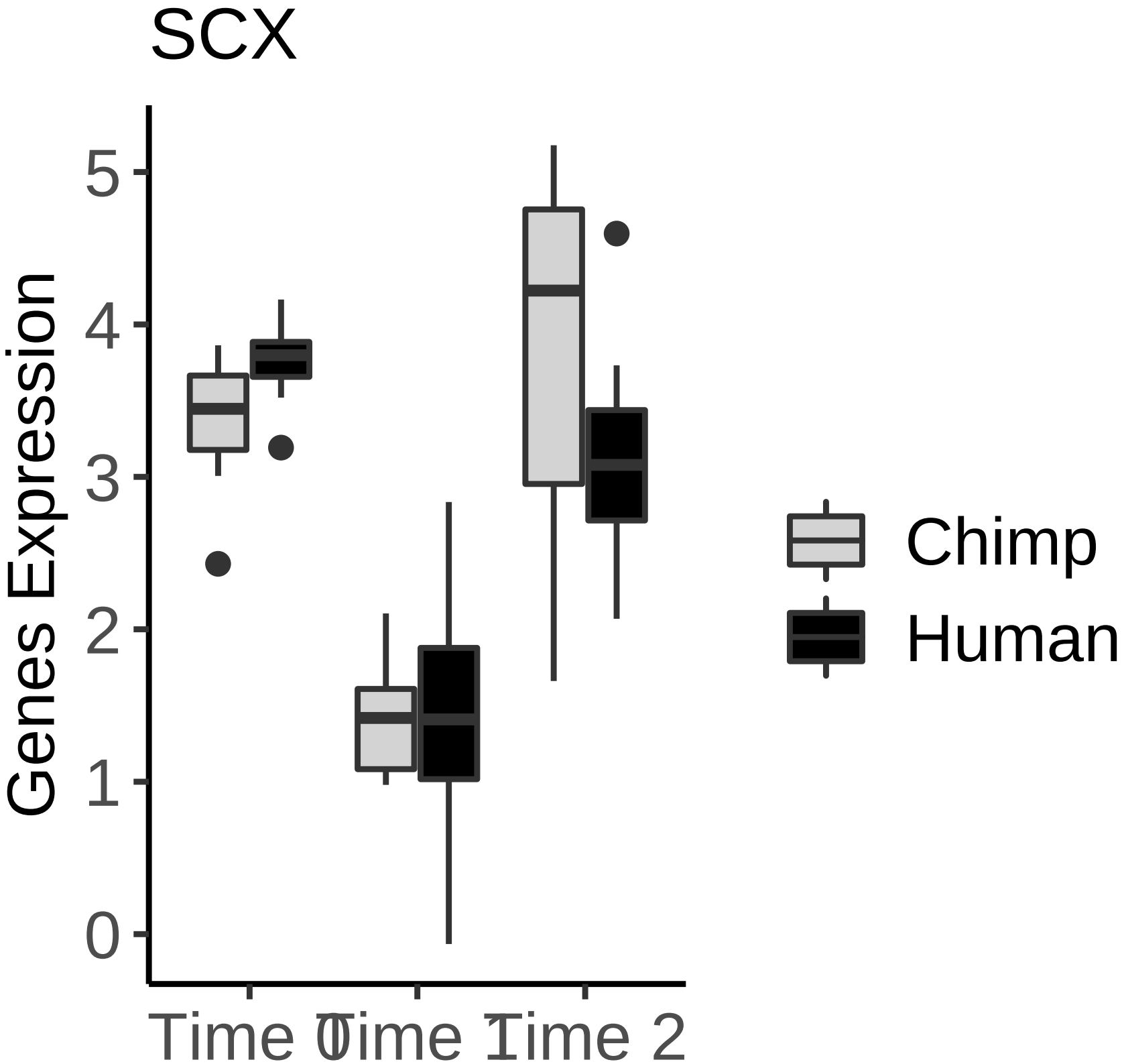
0.0
−2.5
−5.0
Time 0
Time 1
Time 2
Chimp
Human


SCX
Genes Expression
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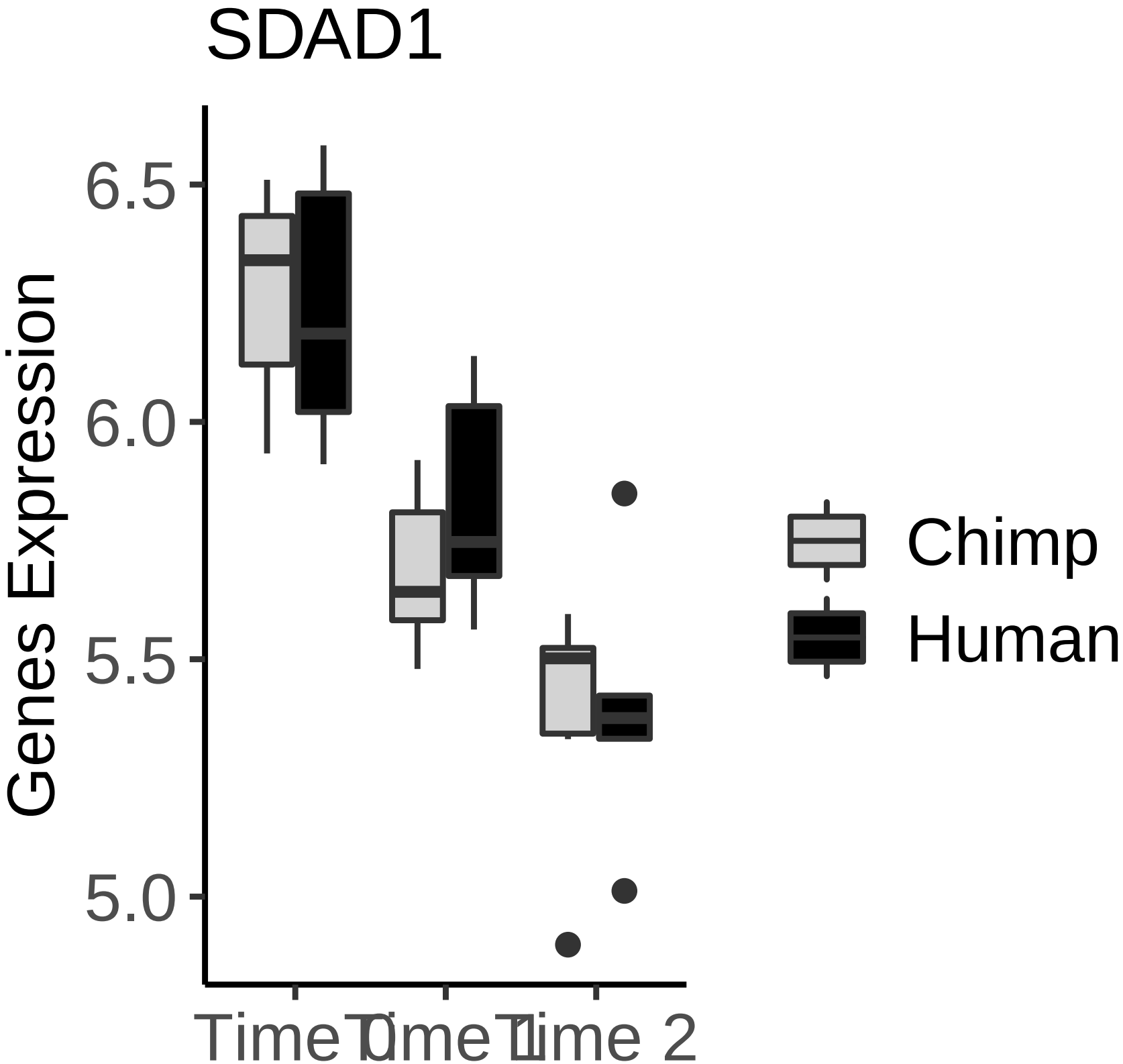
4
3
2
1
0
Time 0
Time 1
Time 2
Chimp
Human


SDAD1
Genes Expression
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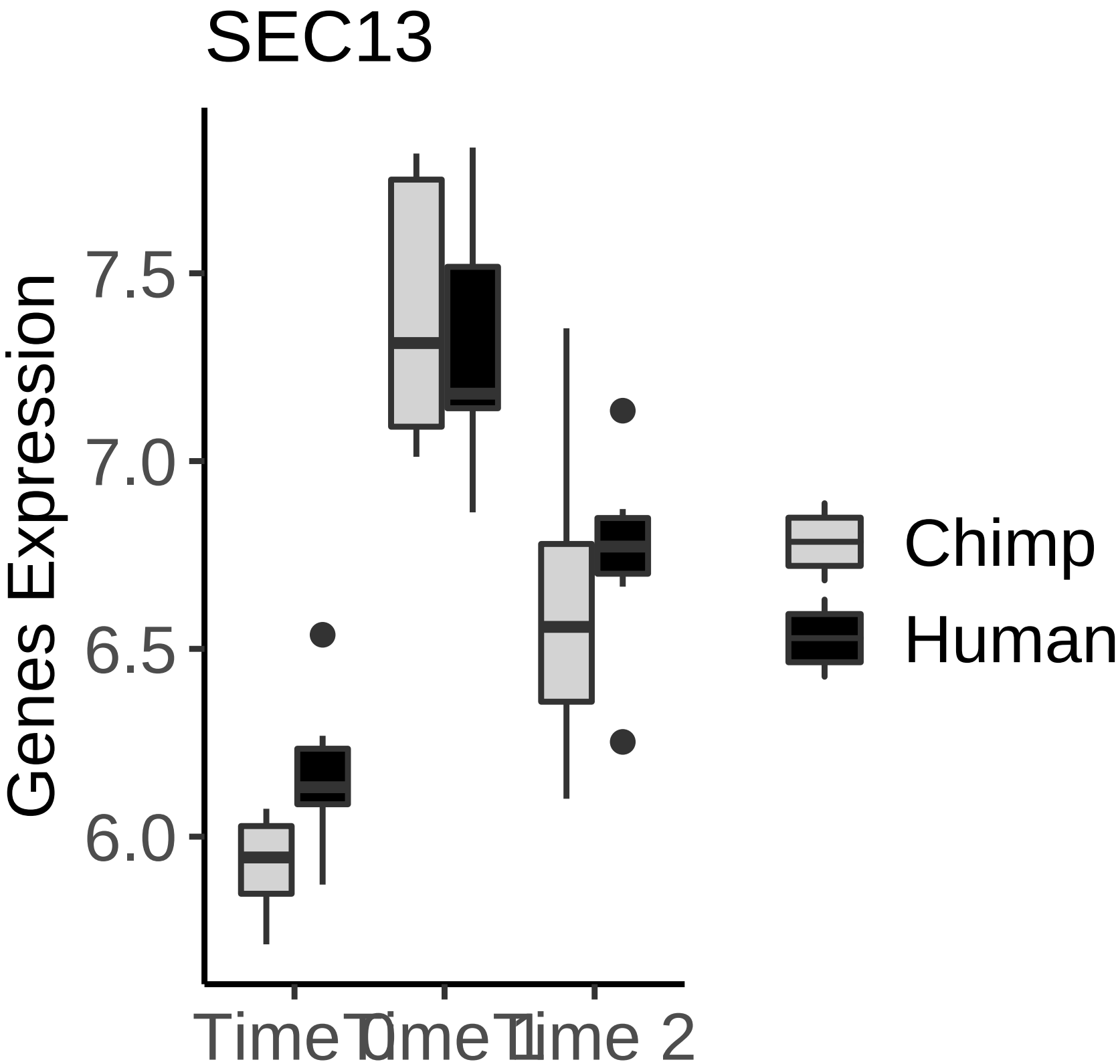
5.0
Time 0
Time 1
Time 2
Chimp
Human


SEC13
Genes Expression
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6.0
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Time 1
Time 2
Chimp
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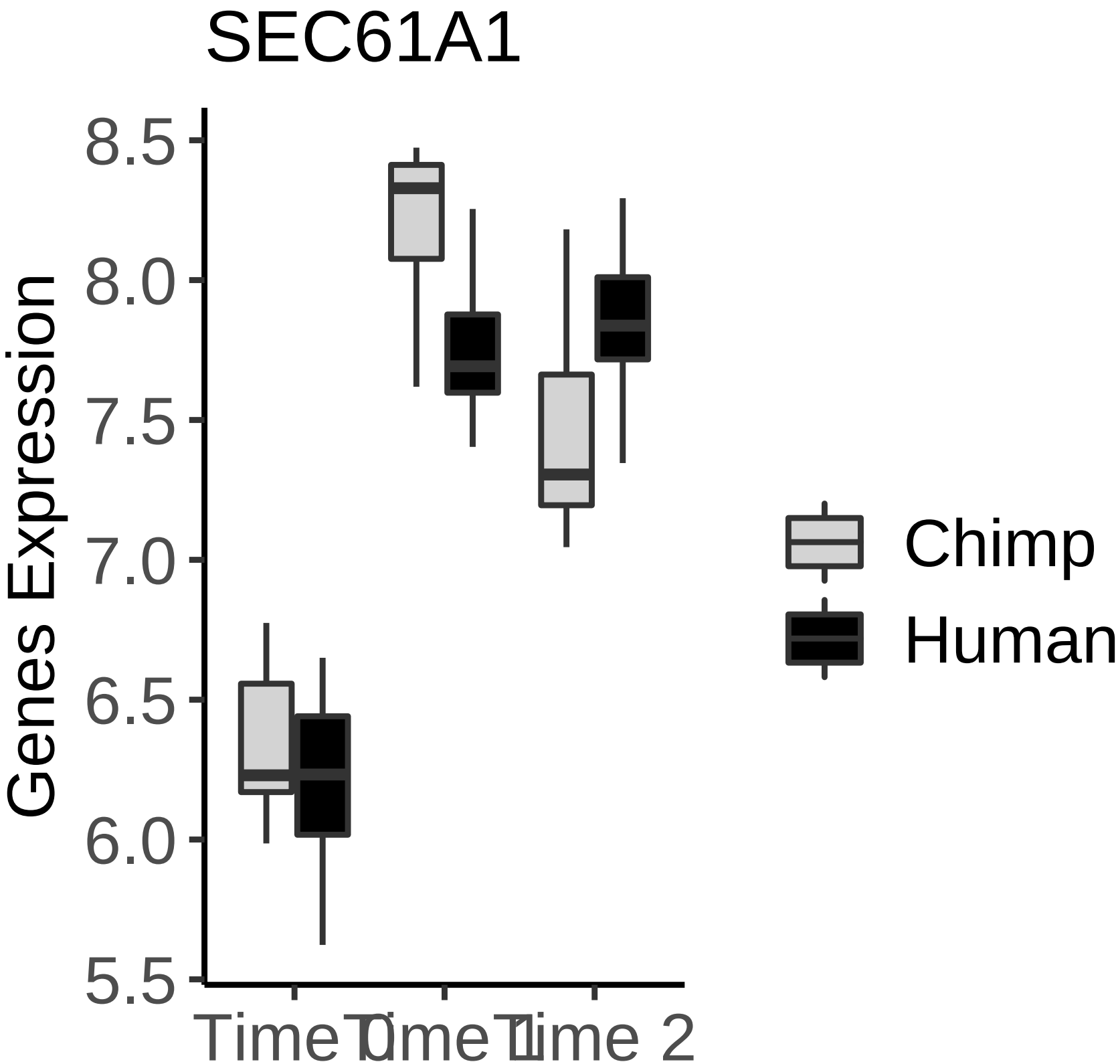
SEC61A1
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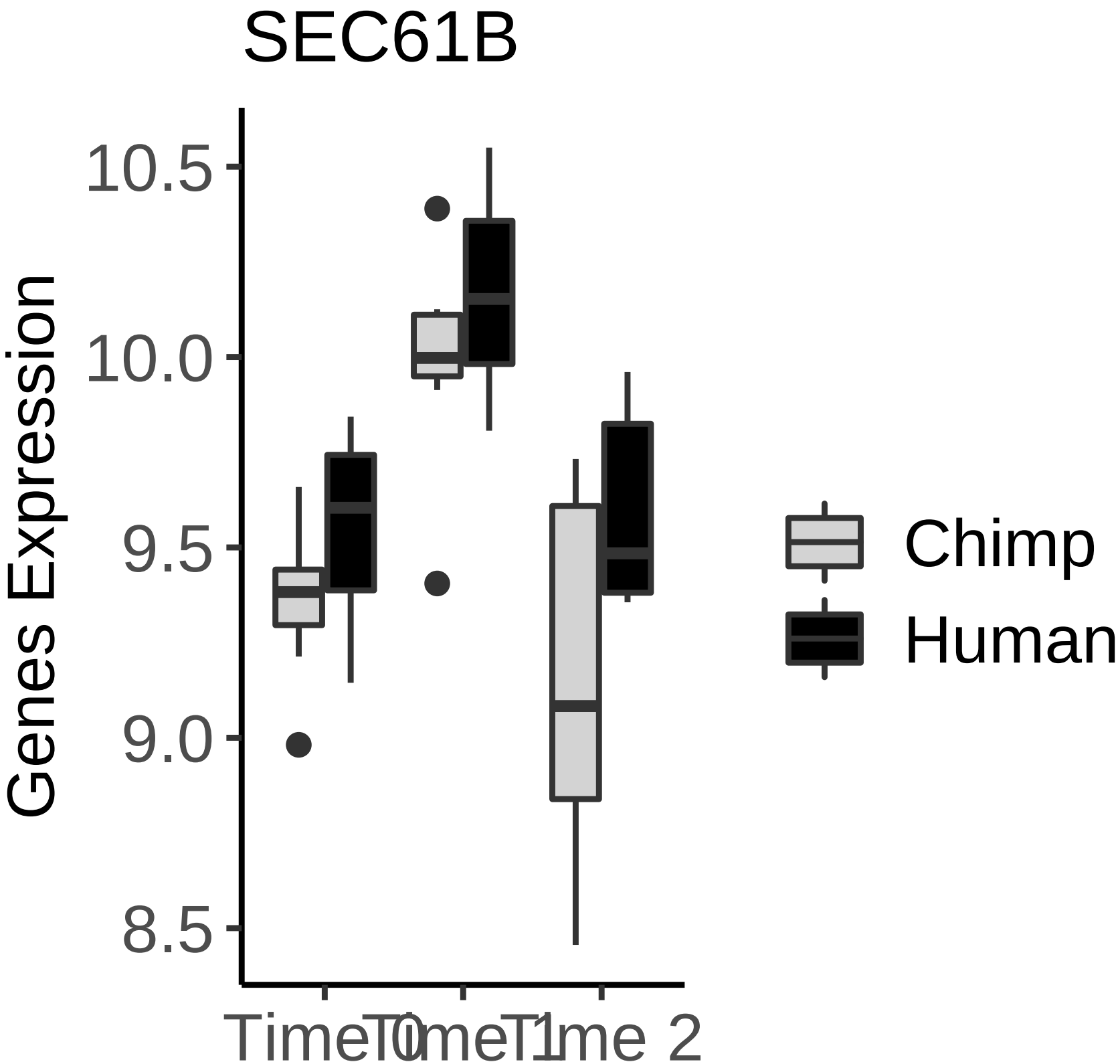
6.5
6.0
5.5
Time 0
Time 1
Time 2
Chimp
Human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8.5
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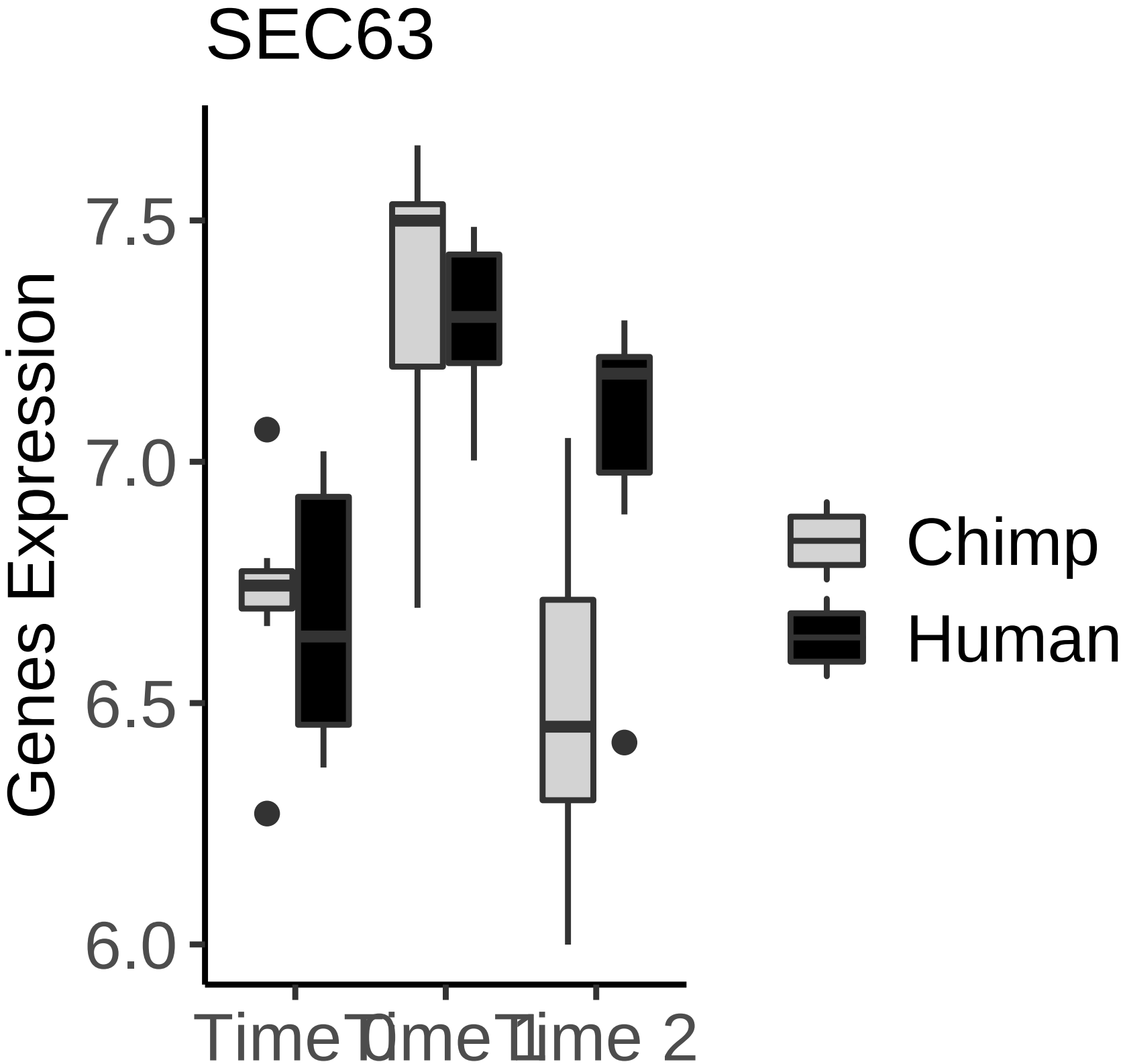
Time 1
Time 2
Chimp
Human


SEC63
Genes Expression
7.5
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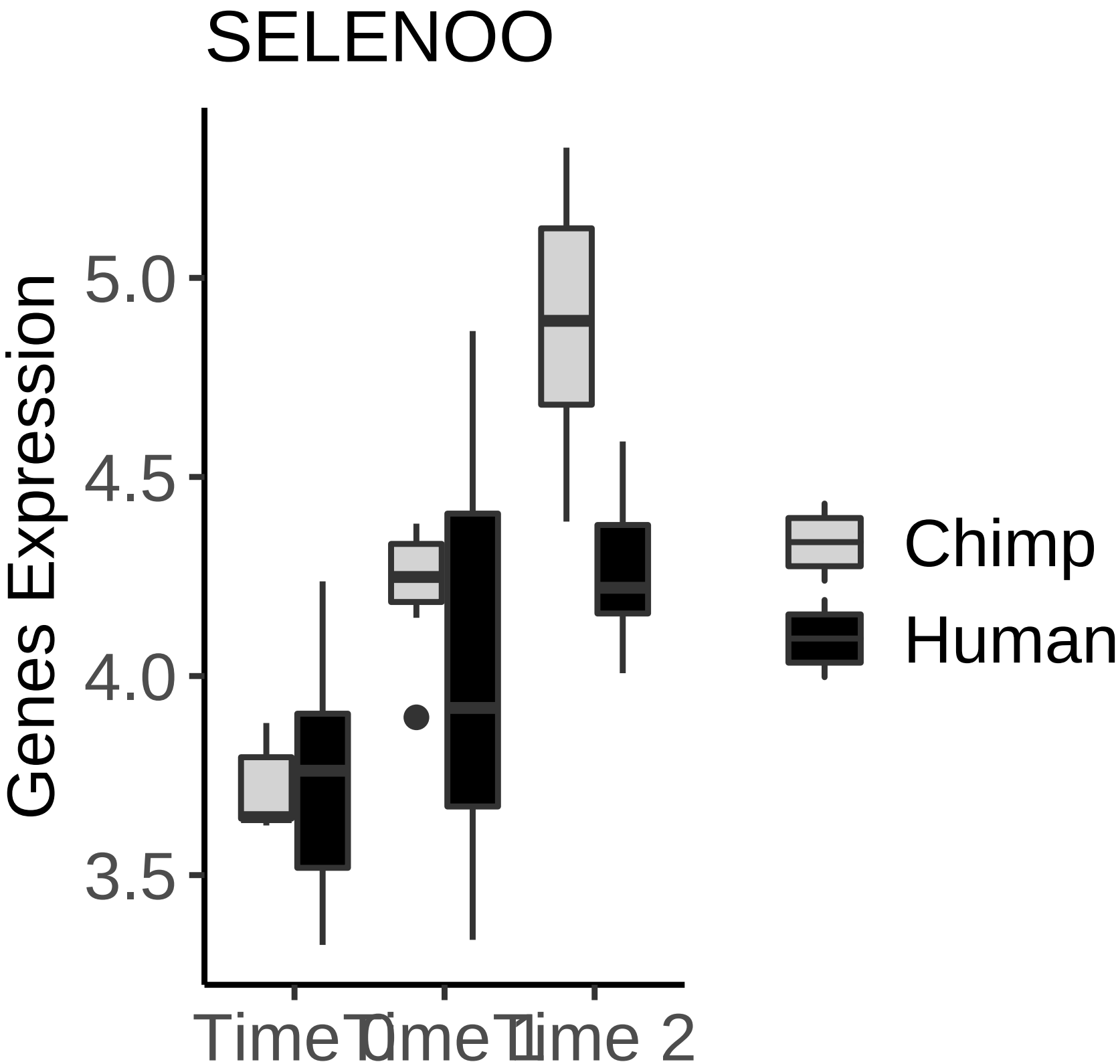
6.0
Time 0
Time 1
Time 2
Chimp
Human


SELENOO
Genes Expression
5.0
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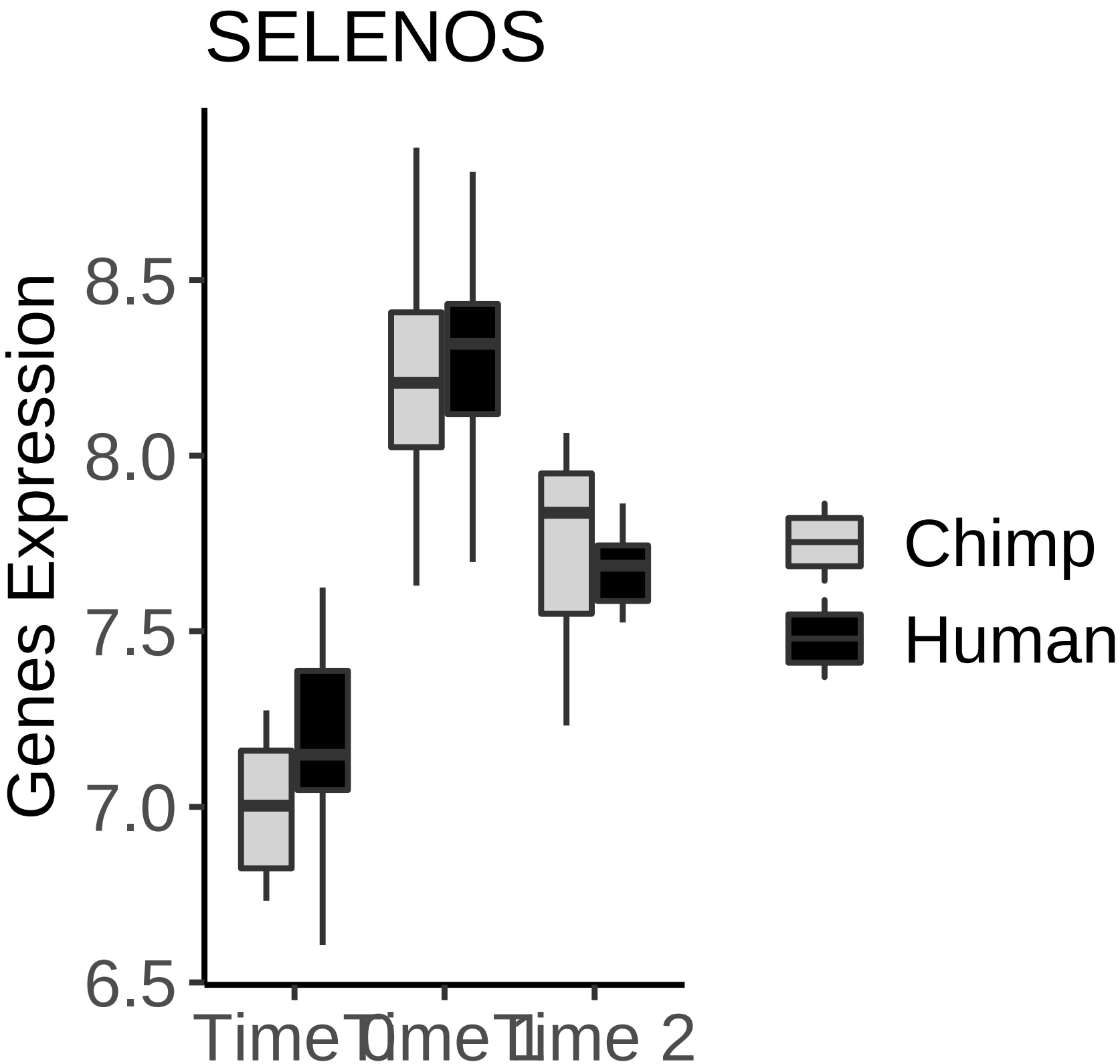
4.0
3.5
Time 0
Time 1
Time 2
Chimp
Human


SELENOS
Genes Expression
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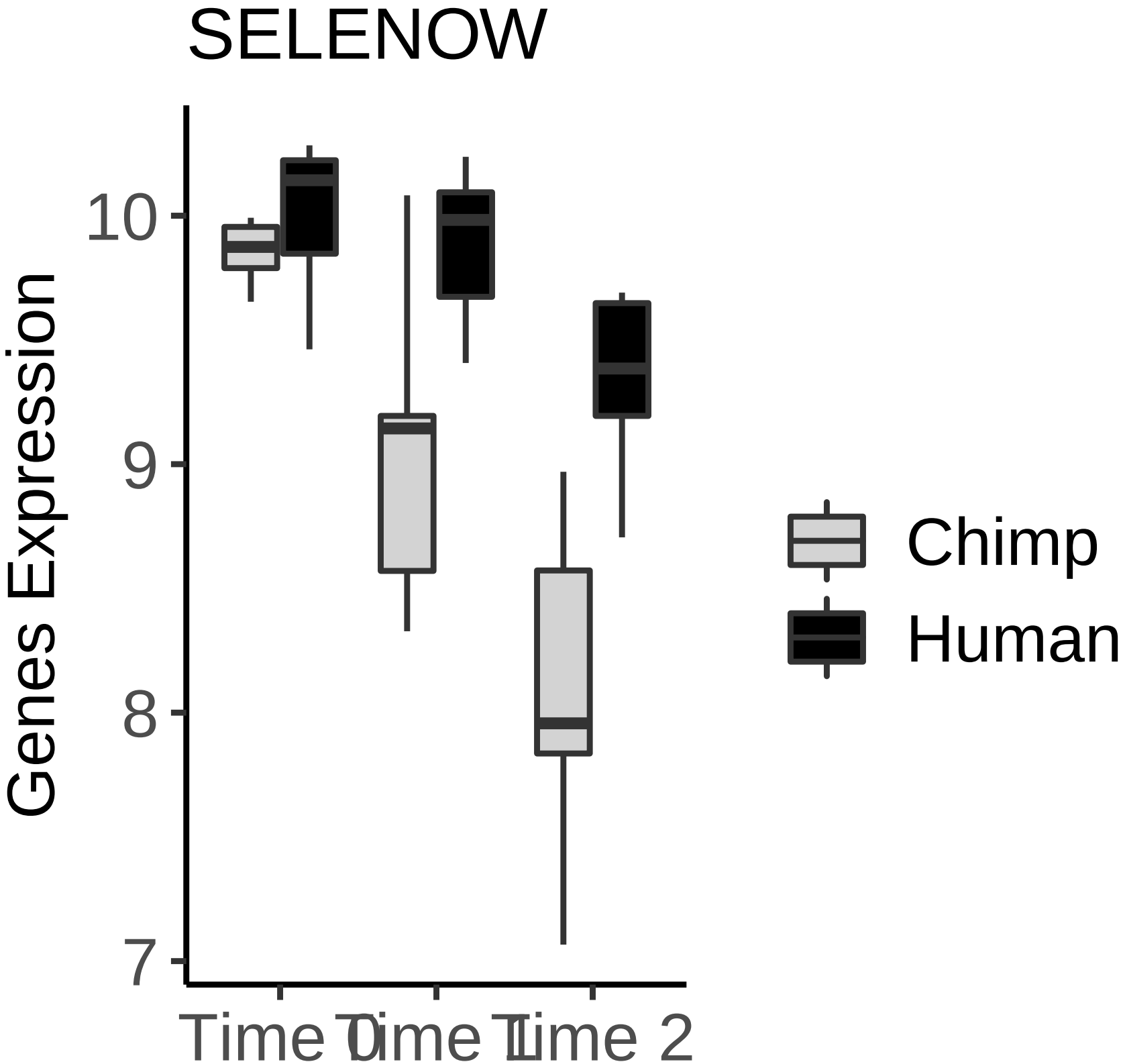
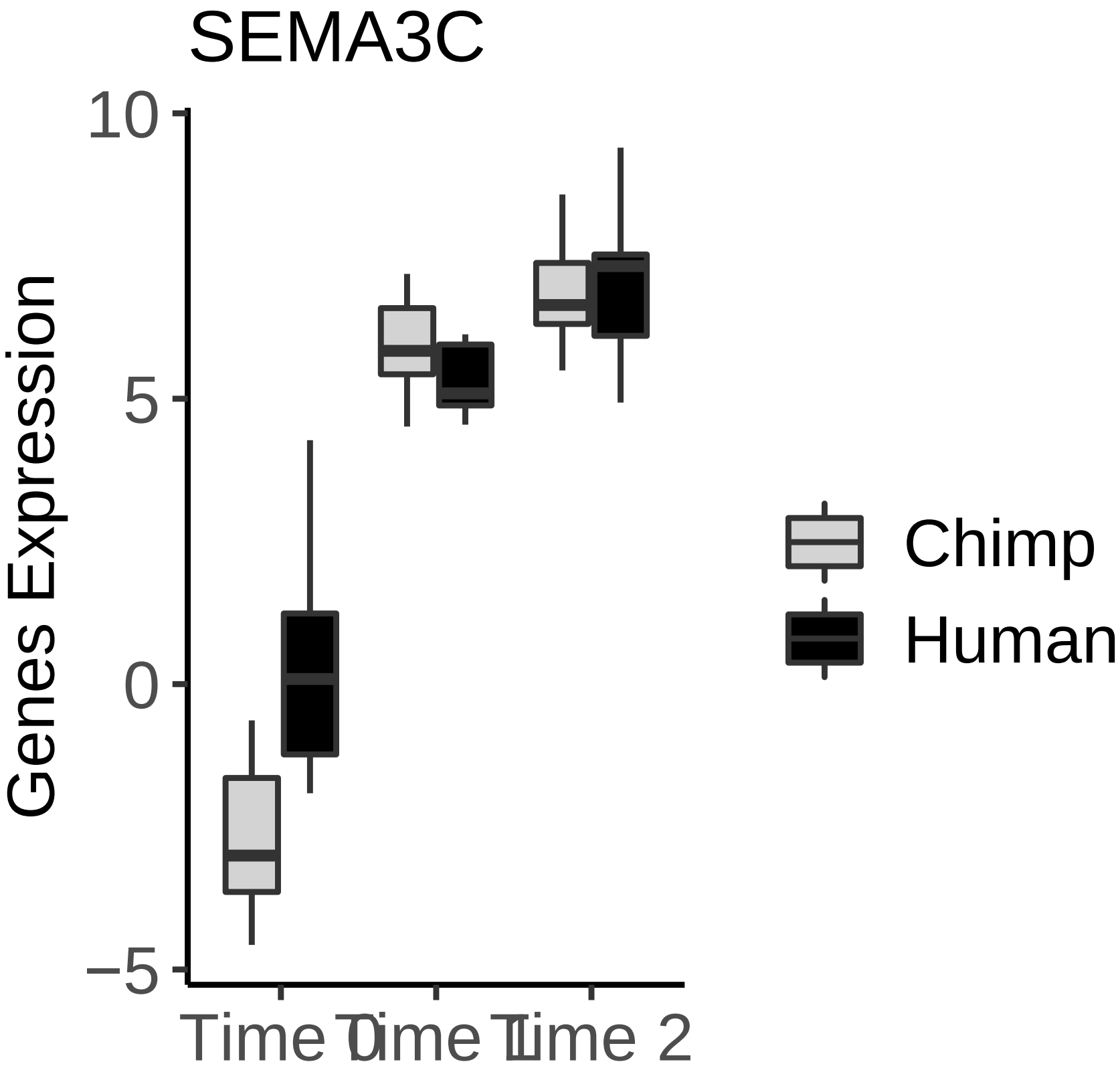
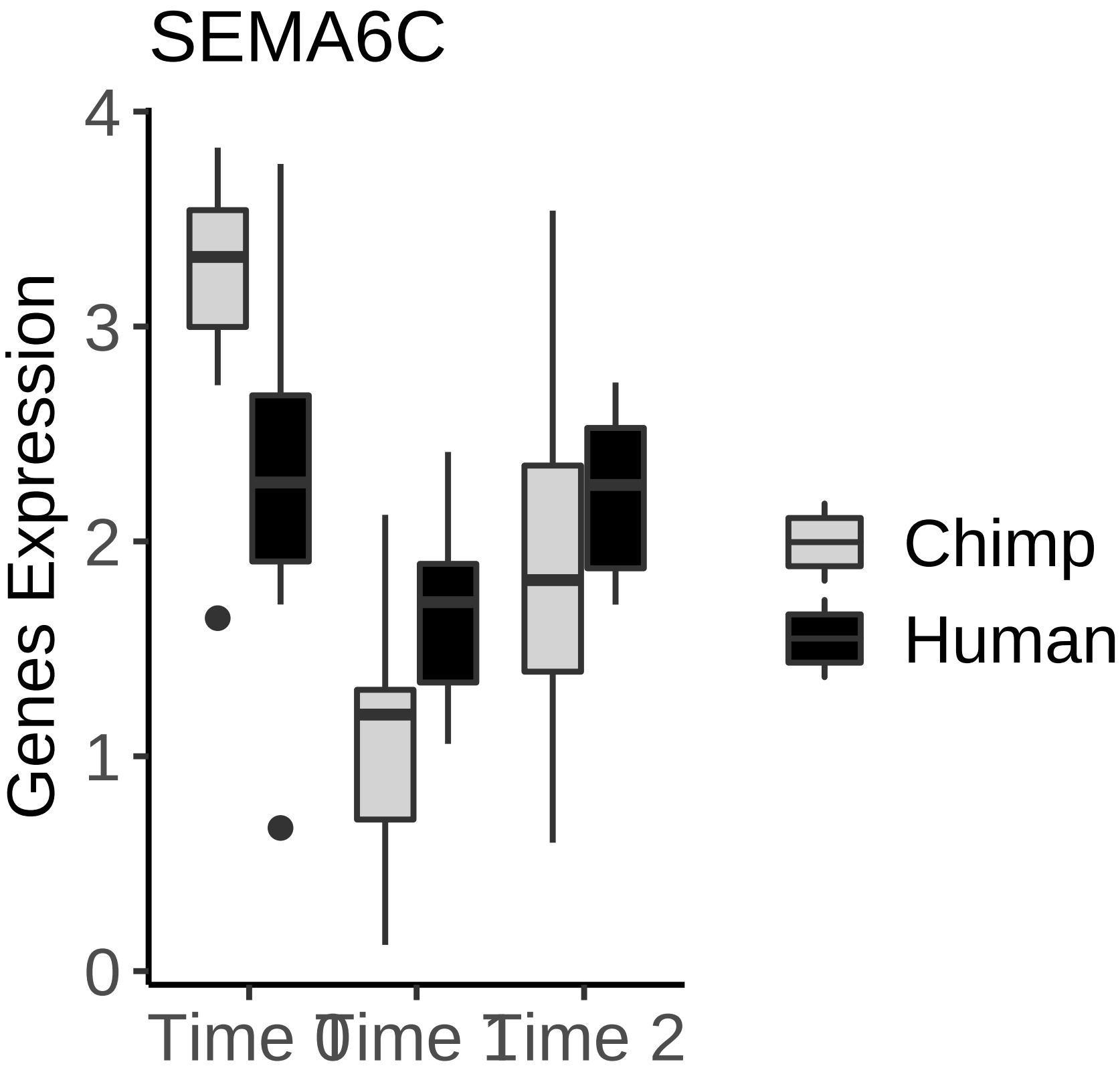
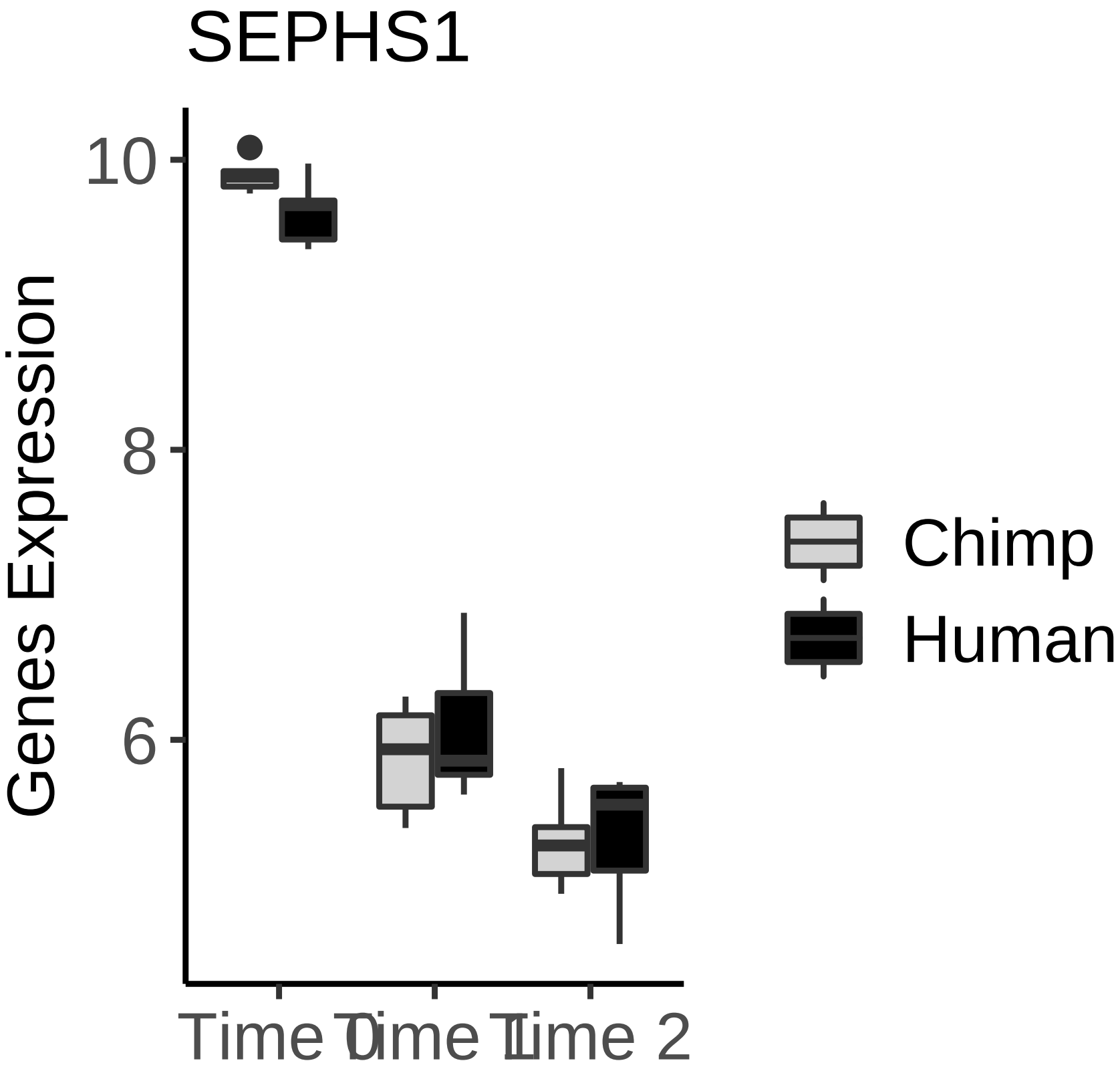
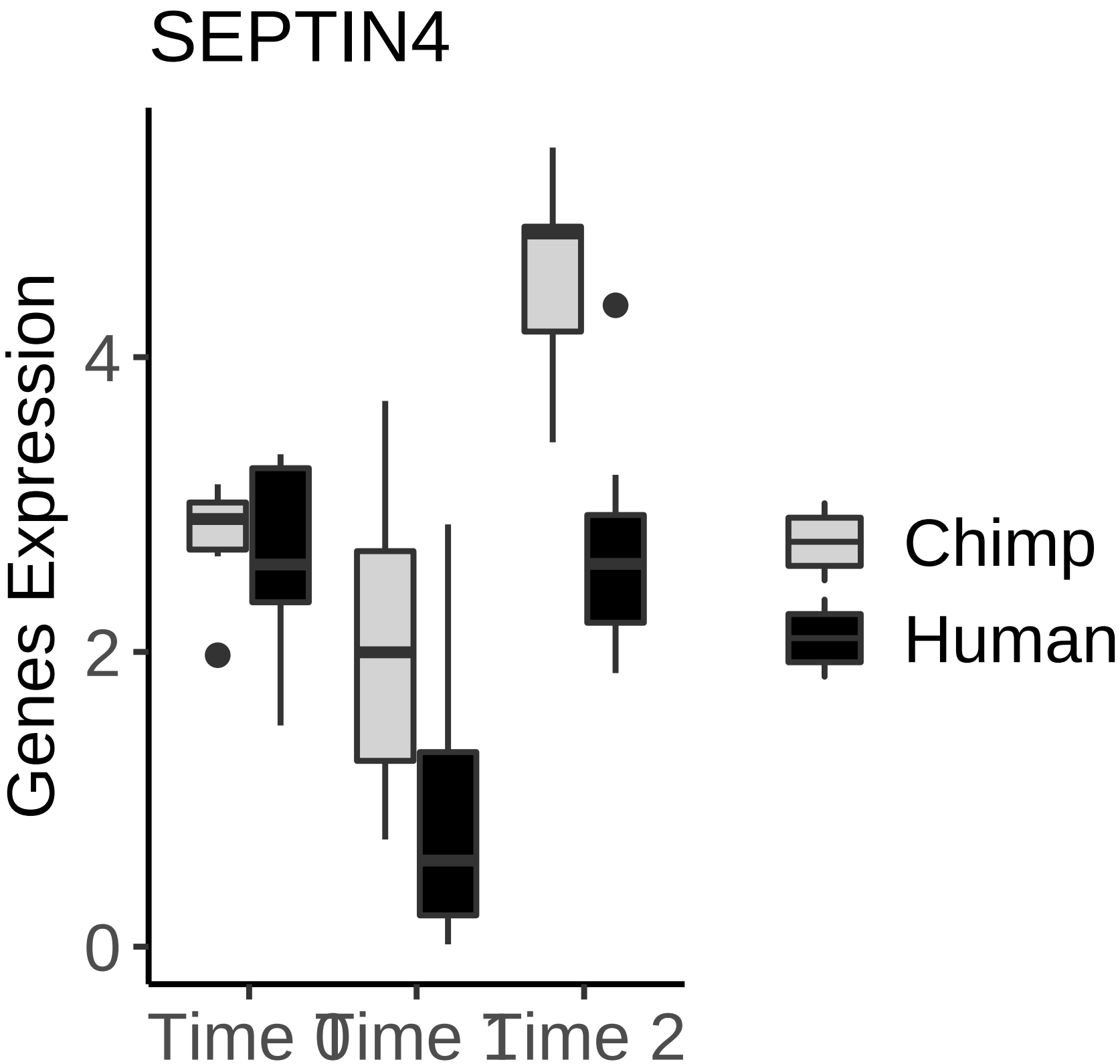
7.0
6.5
Time 0
Time 1
Time 2
Chimp
Human

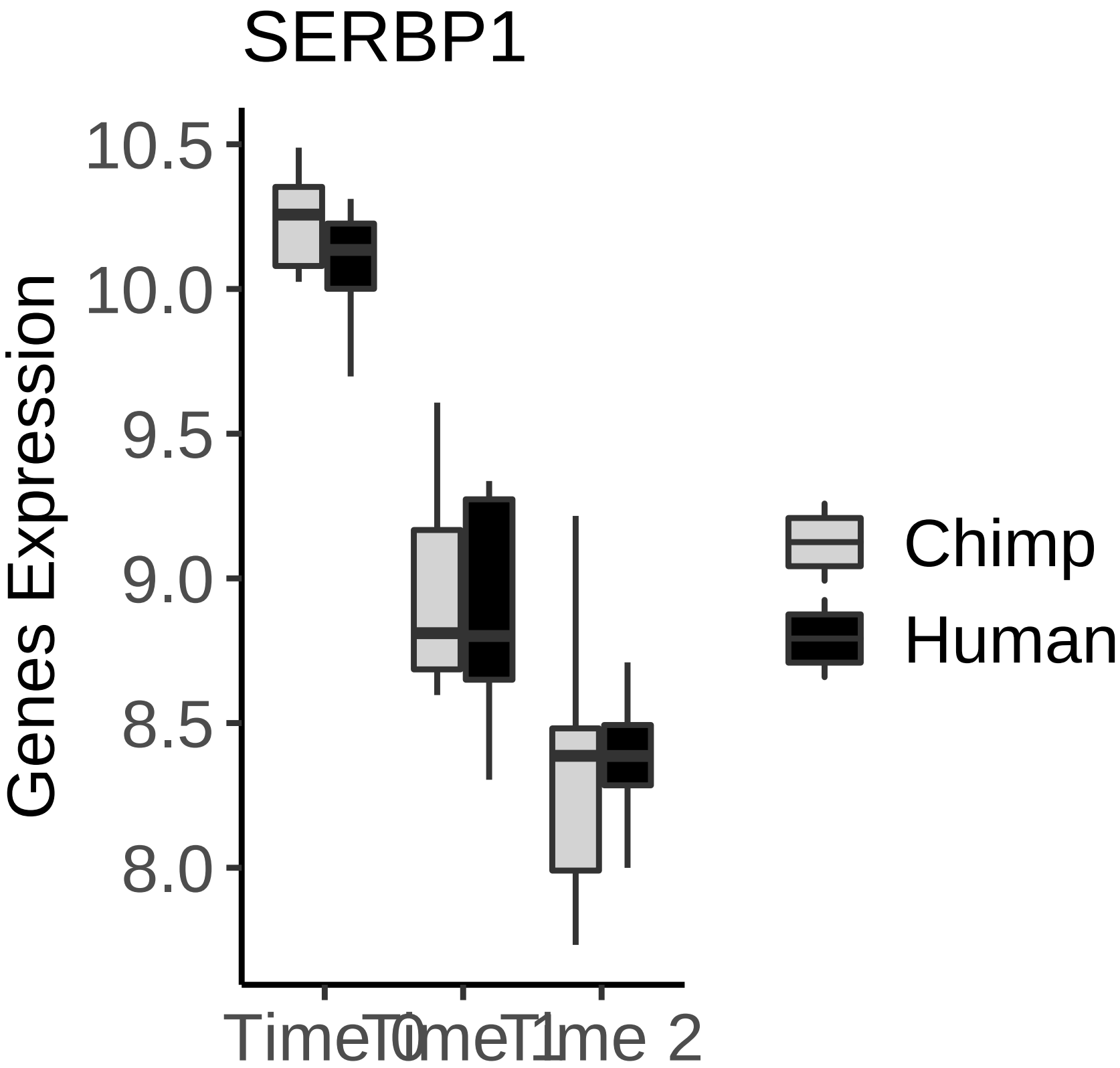

SELENOW
Genes Expression
10
9
8
7
Time 0
Time 1
Time 2
Chimp
Human


SEMA3C
Genes Expression
10
5
0
−5
Time 0
Time 1
Time 2
Chimp
Human


SEMA6C
Genes Expression
4
3
2
1
0
Time 0
Time 1
Time 2
Chimp
Human


SEPHS1
Genes Expression
10
8
6
Time 0
Time 1
Time 2
Chimp
Human


SEPTIN4
Genes Expression
4
2
0
Time 0
Time 1
Time 2
Chimp
Human


SERBP1
Genes Expression
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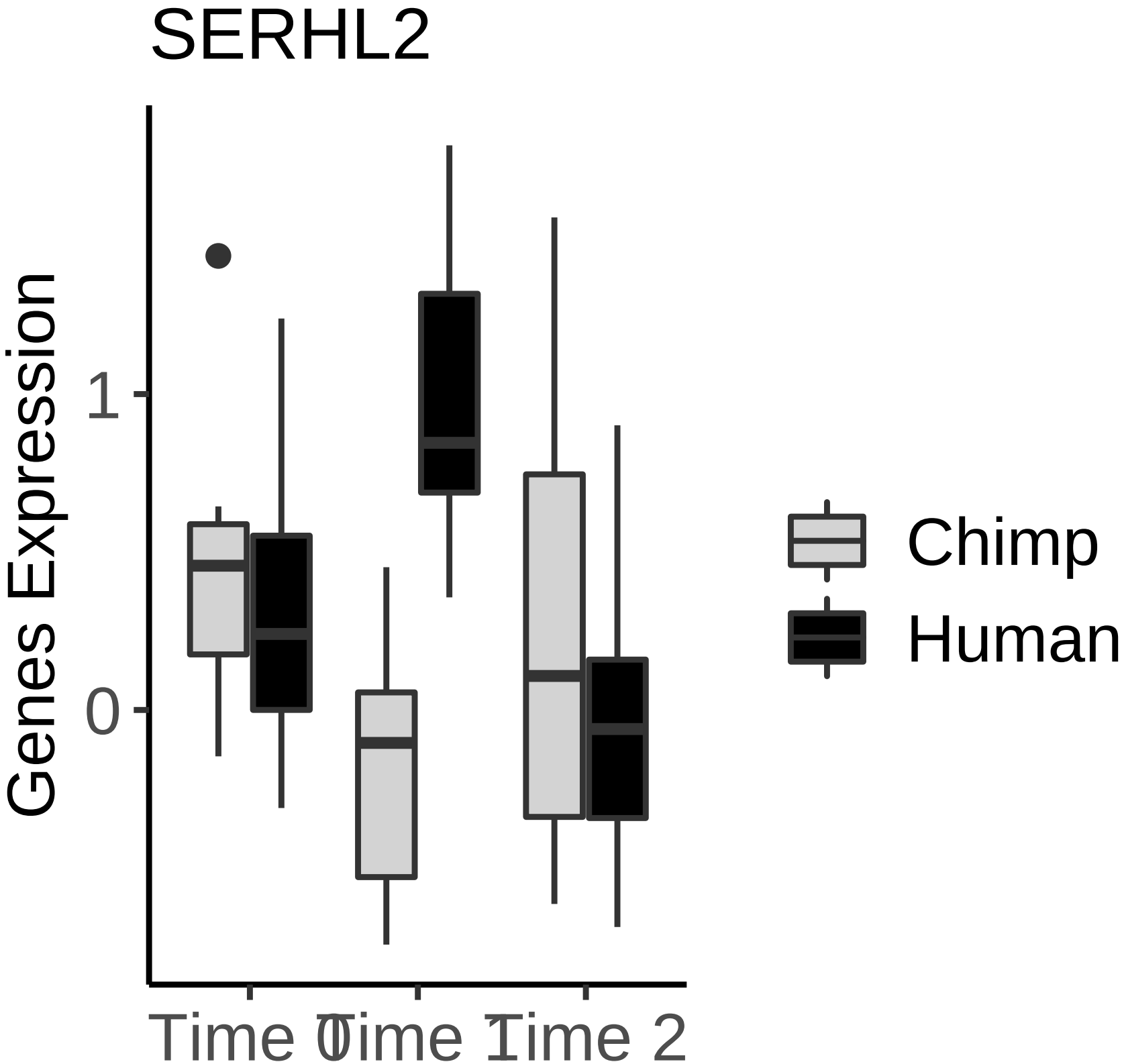
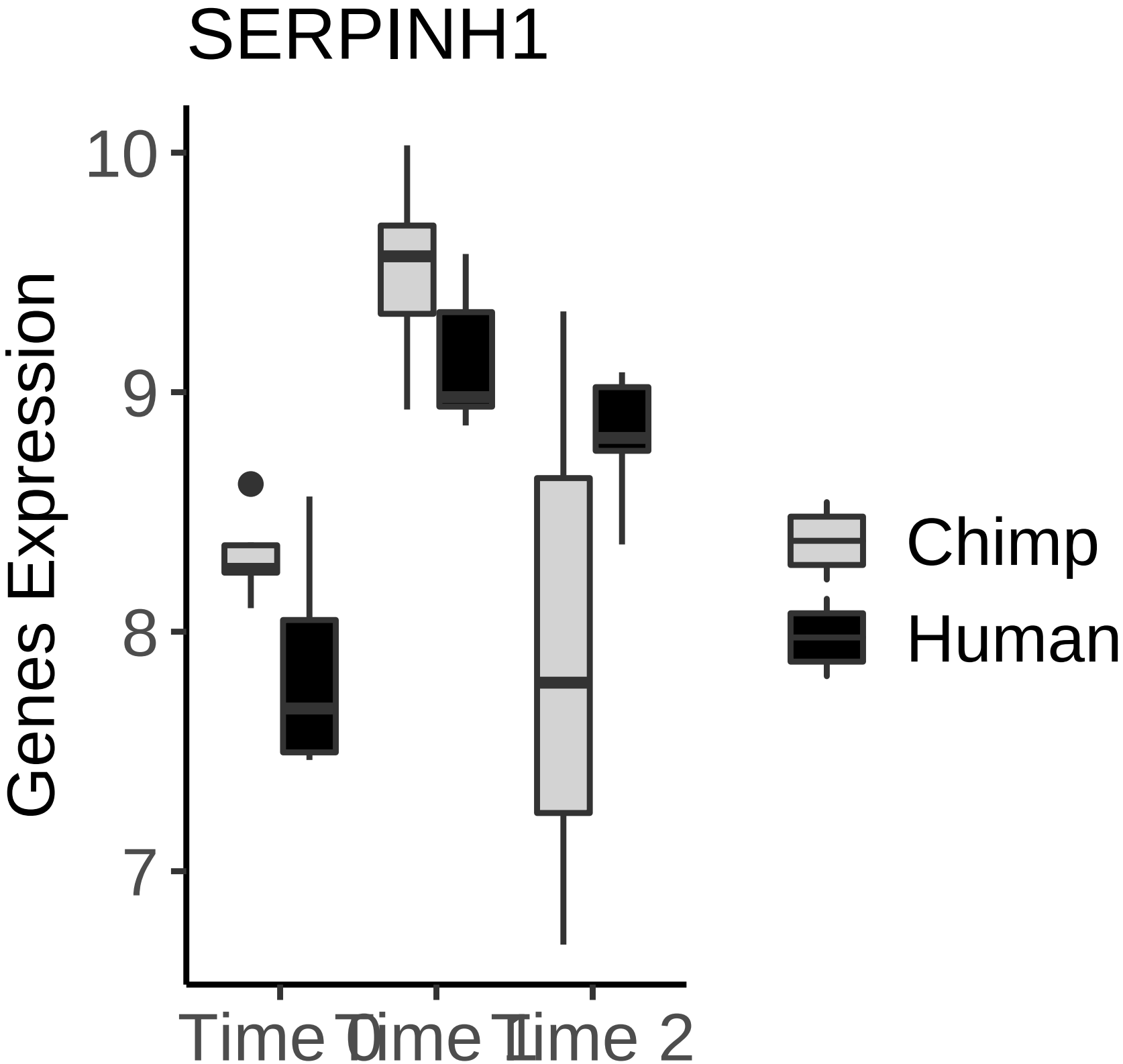
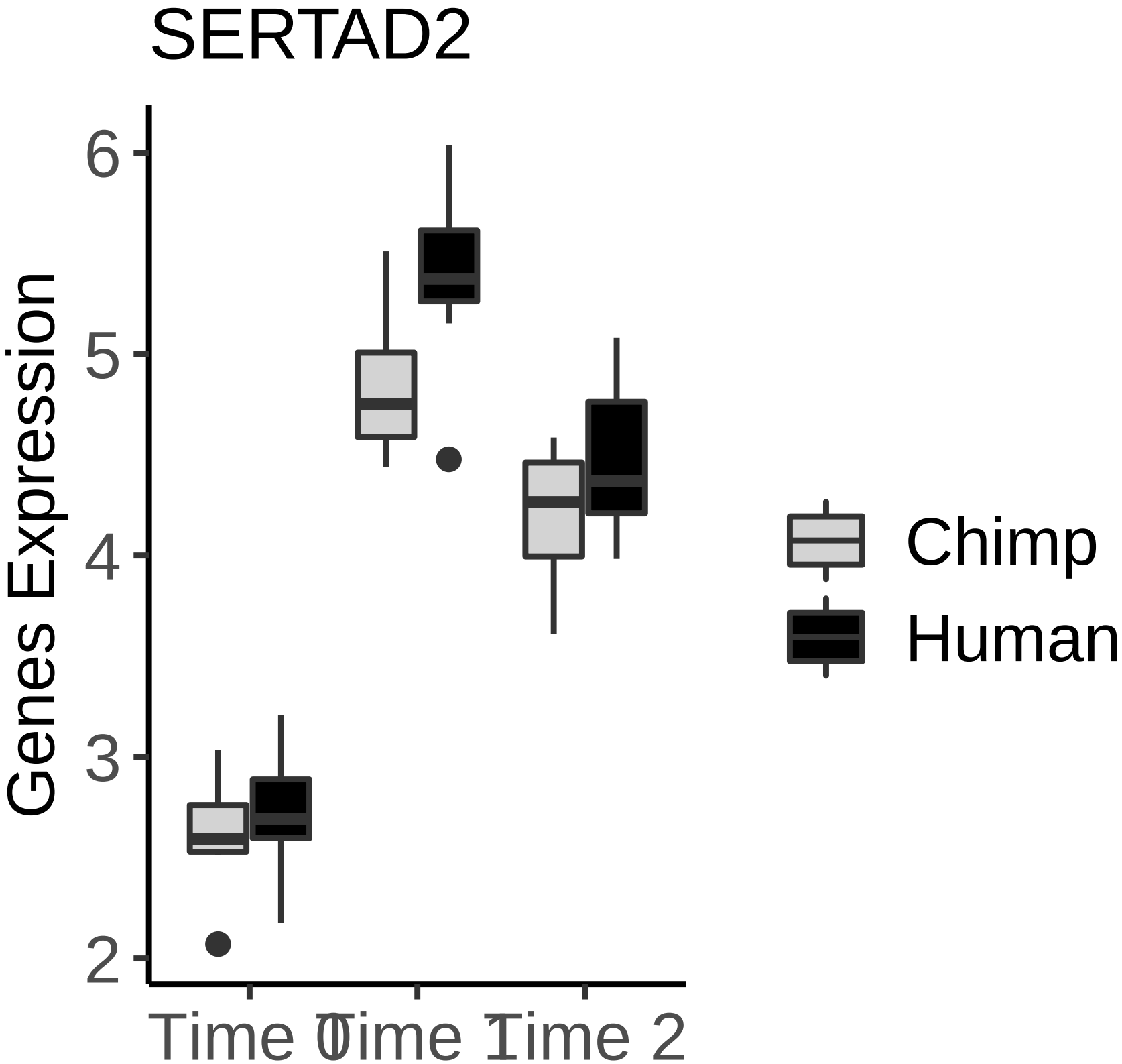
9.0
8.5
8.0
Time 0
Time 1
Time 2
Chimp
Human


SERHL2
Genes Expression
1
0
Time 0
Time 1
Time 2
Chimp
Human


SERPINH1
Genes Expression
10
9
8
7
Time 0
Time 1
Time 2
Chimp
Human


SERTAD2
Genes Expression
6
5
4
3
2
Time 0
Time 1
Time 2
Chimp
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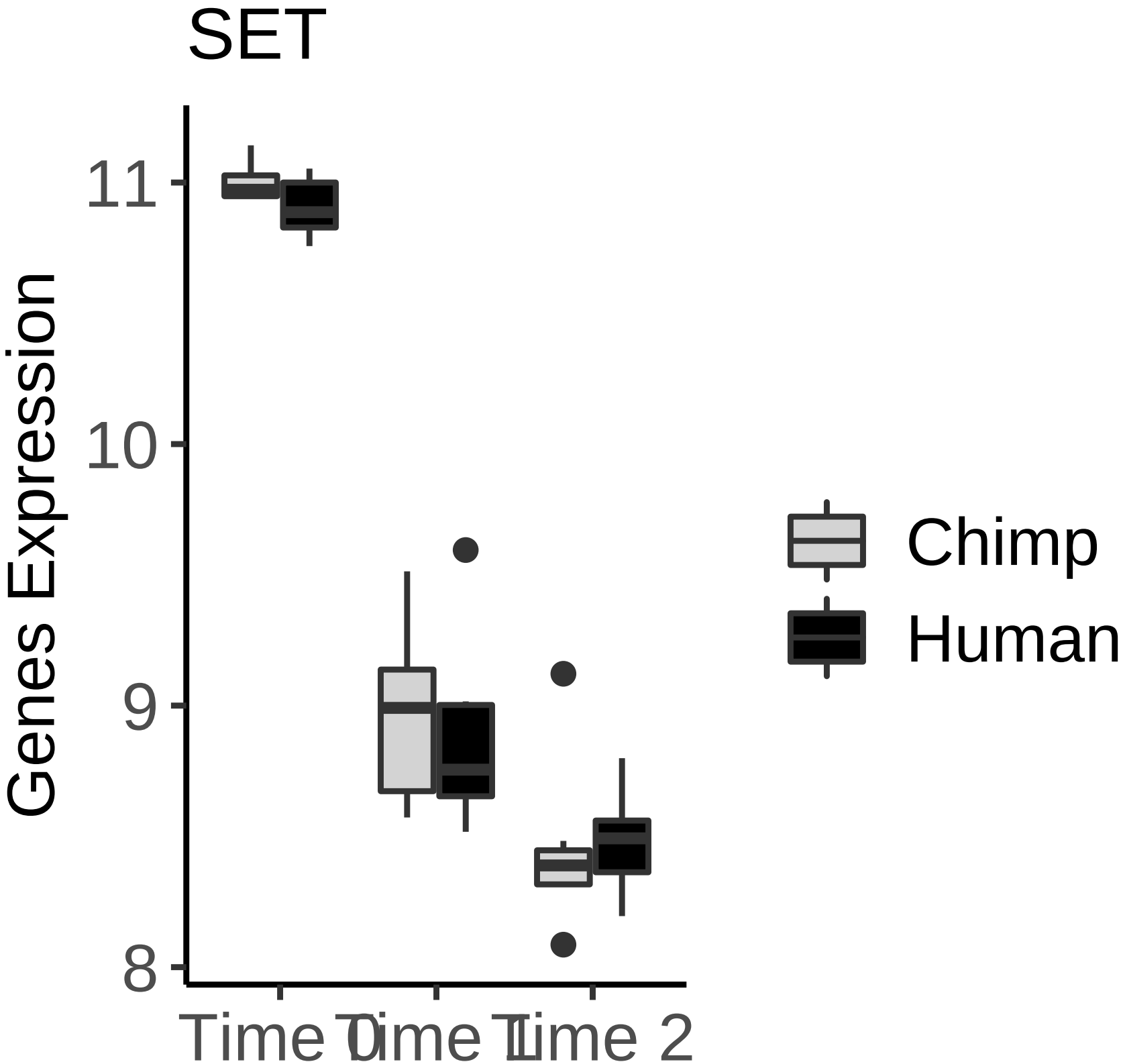
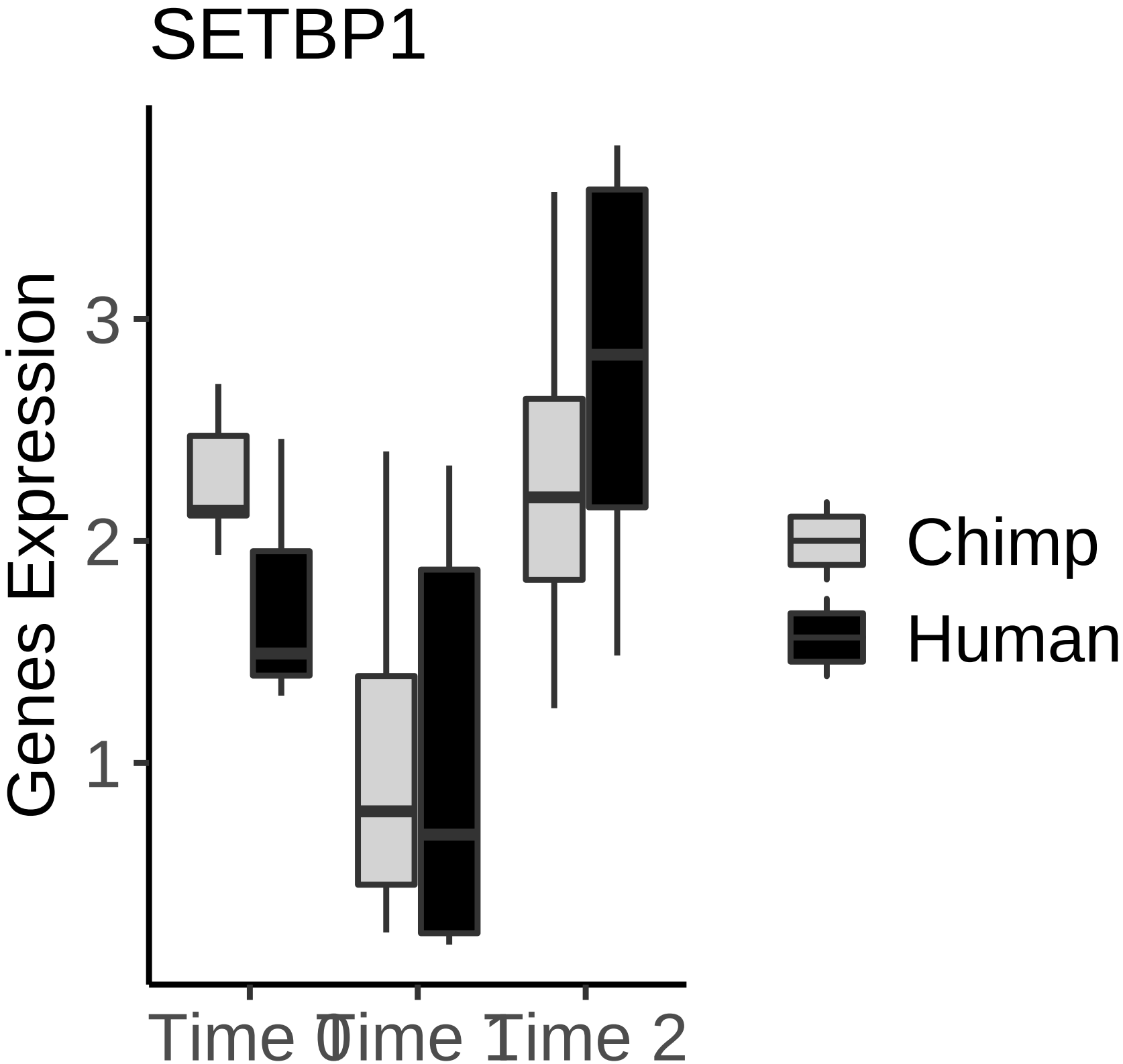
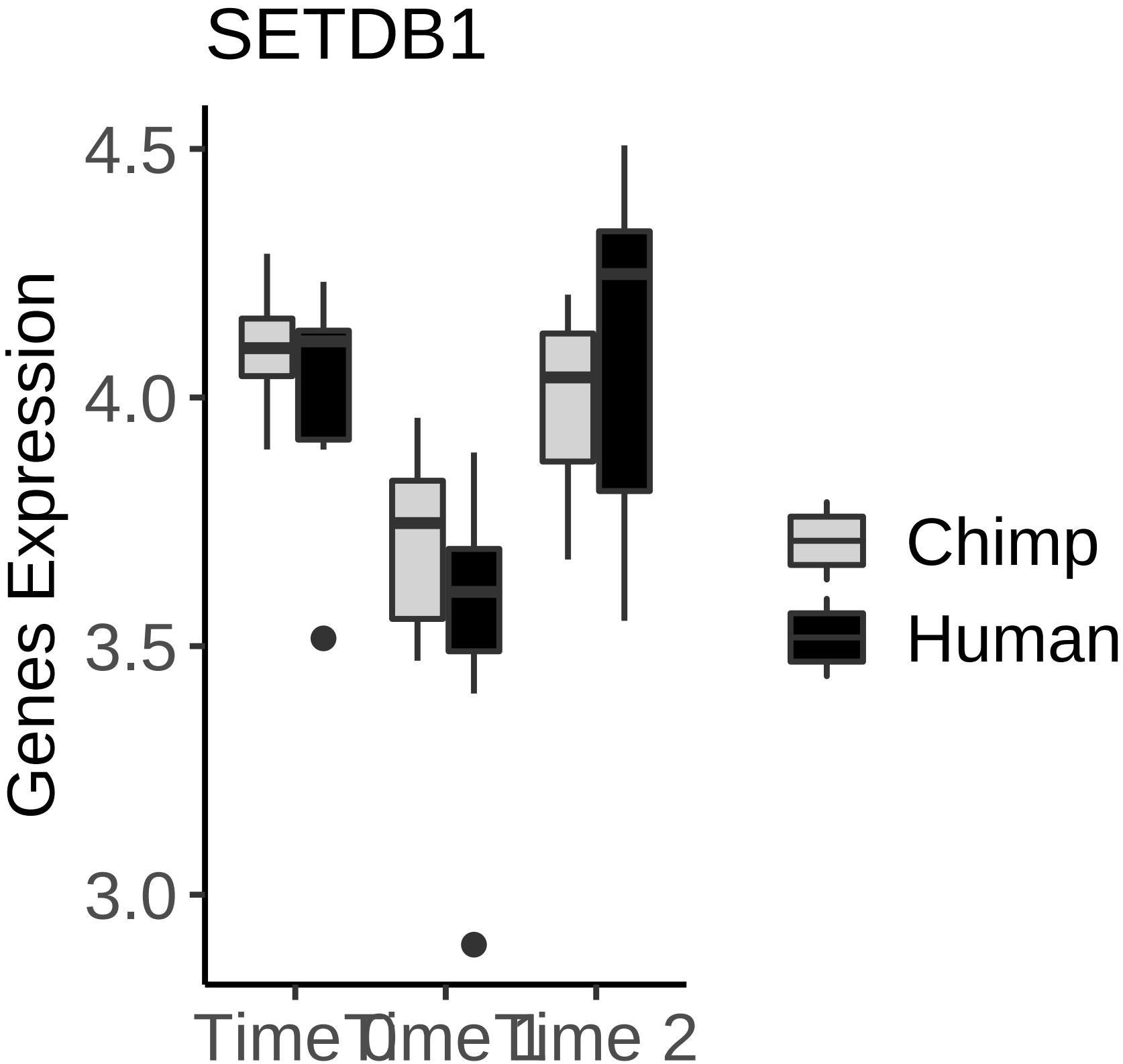
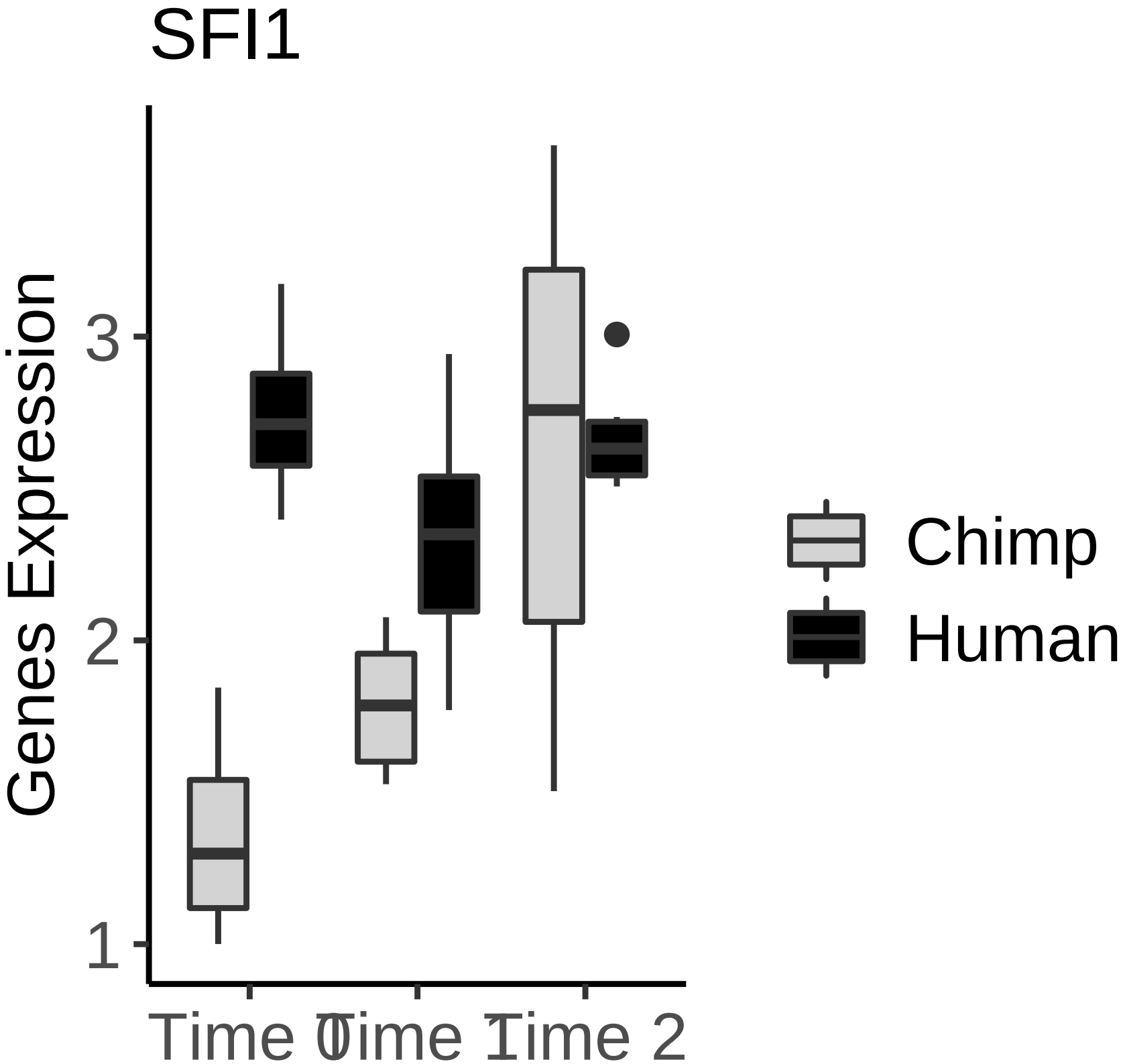
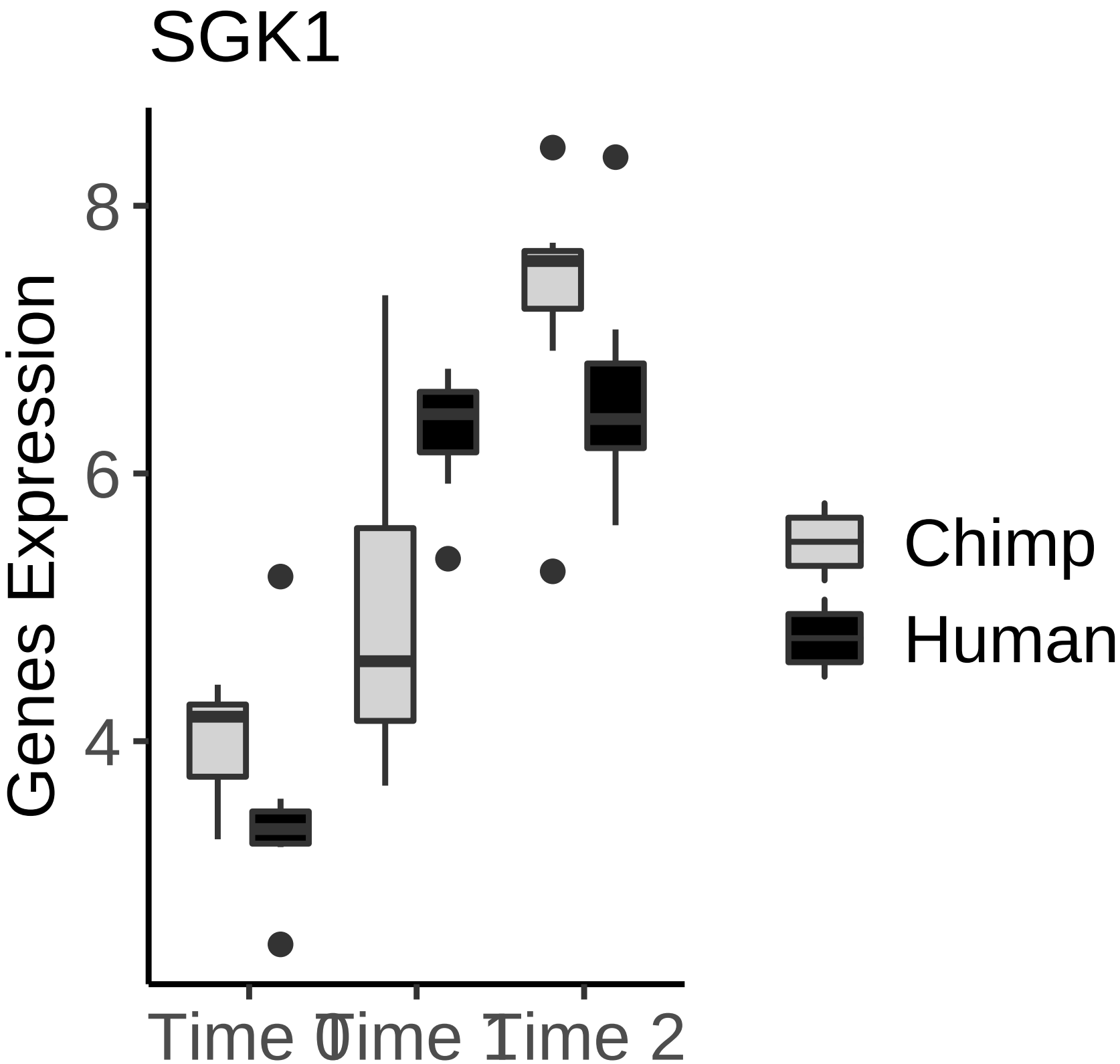

SET
Genes Expression
11
10
9
8
Time 0
Time 1
Time 2
Chimp
Human


SETBP1
Genes Expression
3
2
1
Time 0
Time 1
Time 2
Chimp
Human


SETDB1
Genes Expression
4.5
4.0
3.5
3.0
Time 0
Time 1
Time 2
Chimp
Human


SFI1
Genes Expression
3
2
1
Time 0
Time 1
Time 2
Chimp
Human


SGK1
Genes Expression
8
6
4
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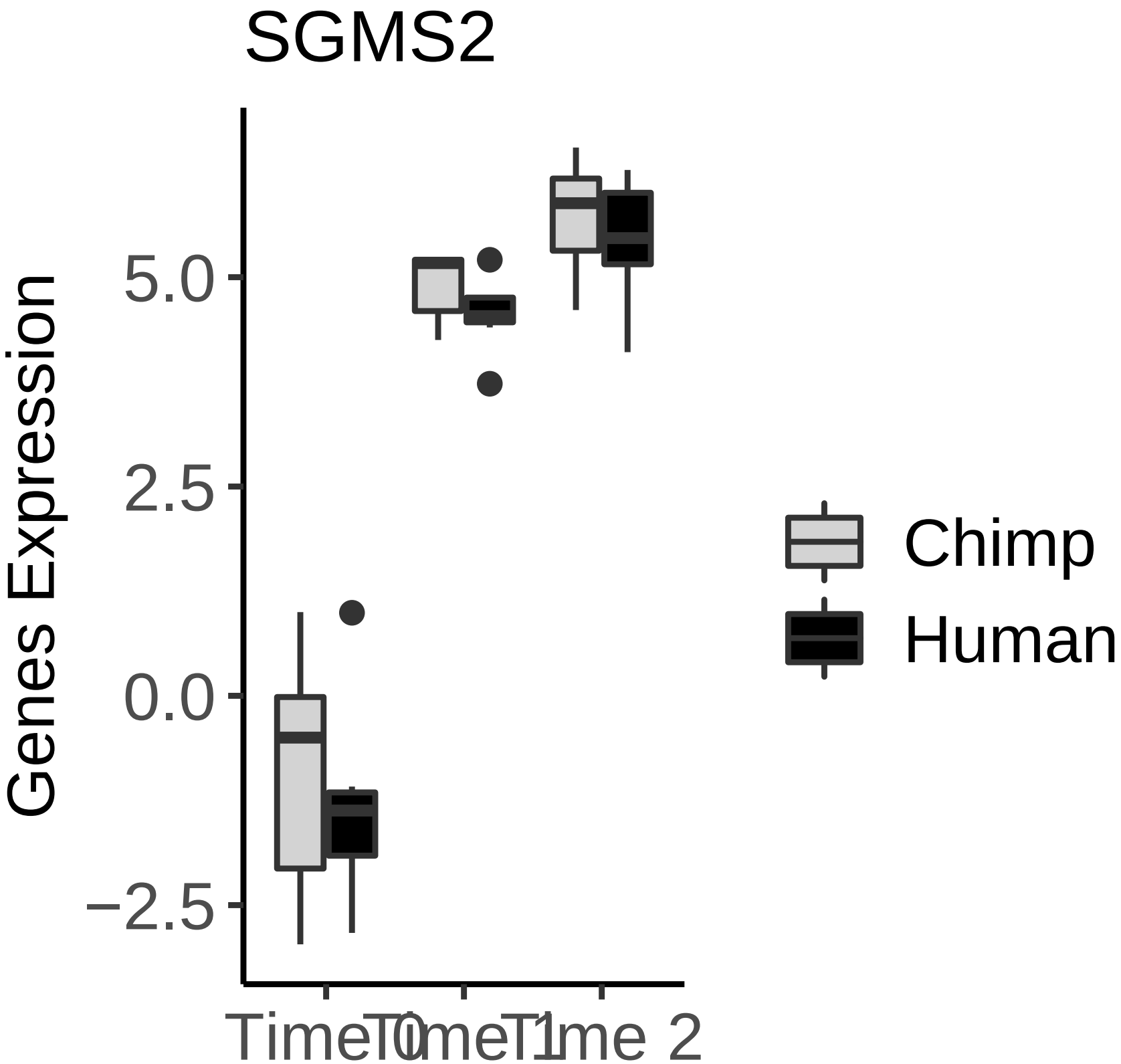
Time 1
Time 2
Chimp
Human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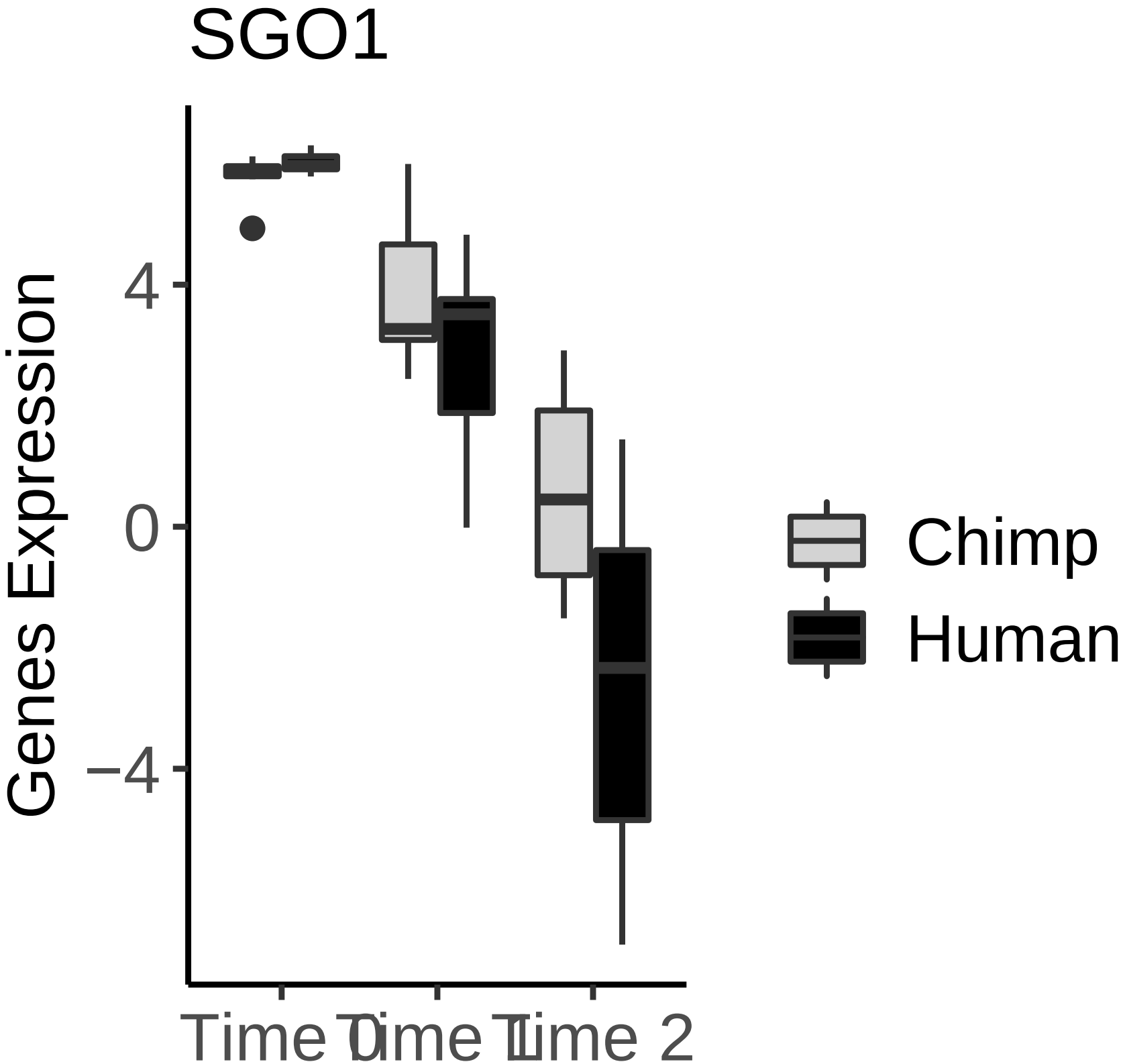
Time 0
Time 1
Time 2
Chimp
Human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0
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Time 0
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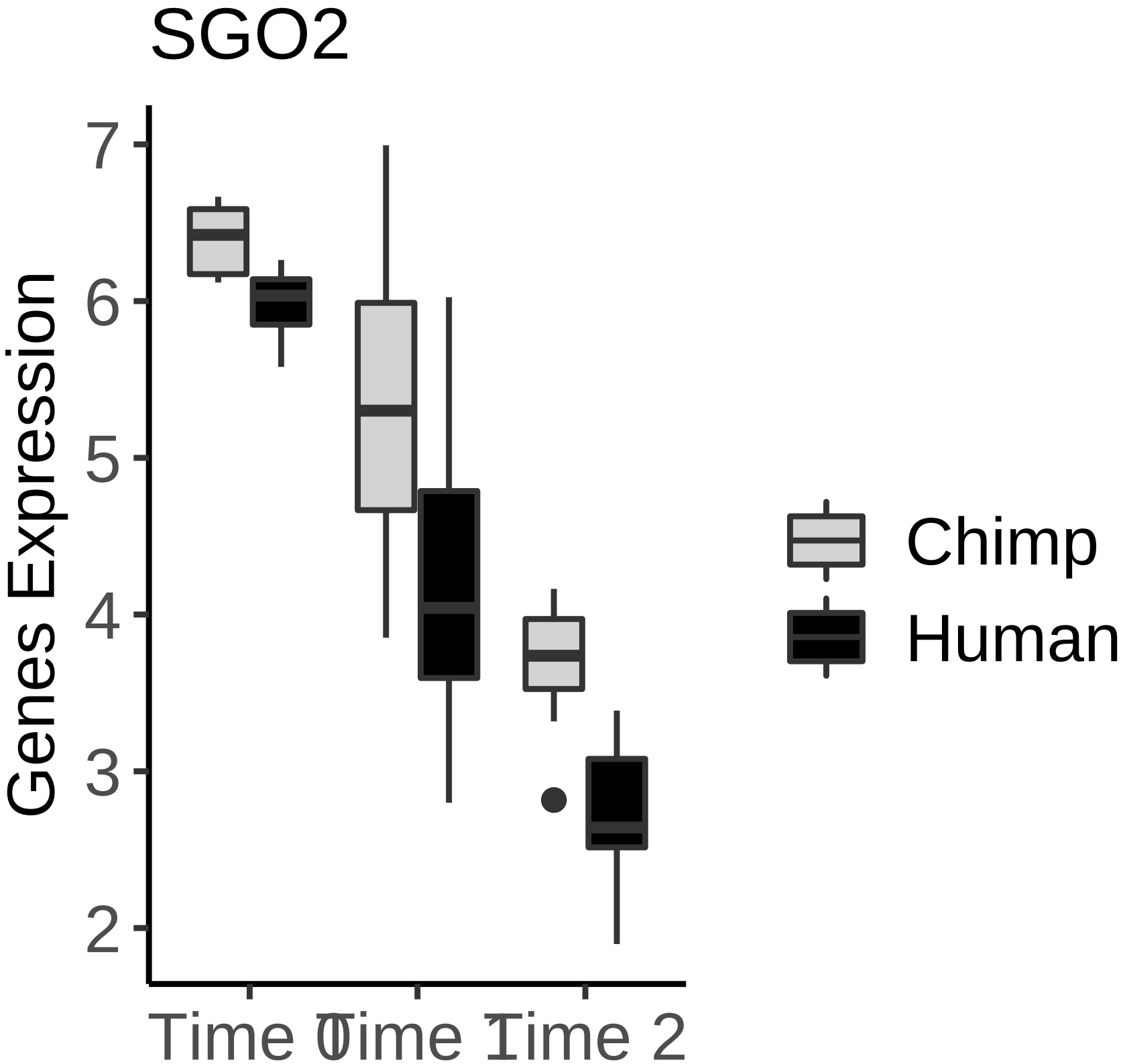
Time 2
Chimp
Human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Genes Expression
7
6
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4
3
2
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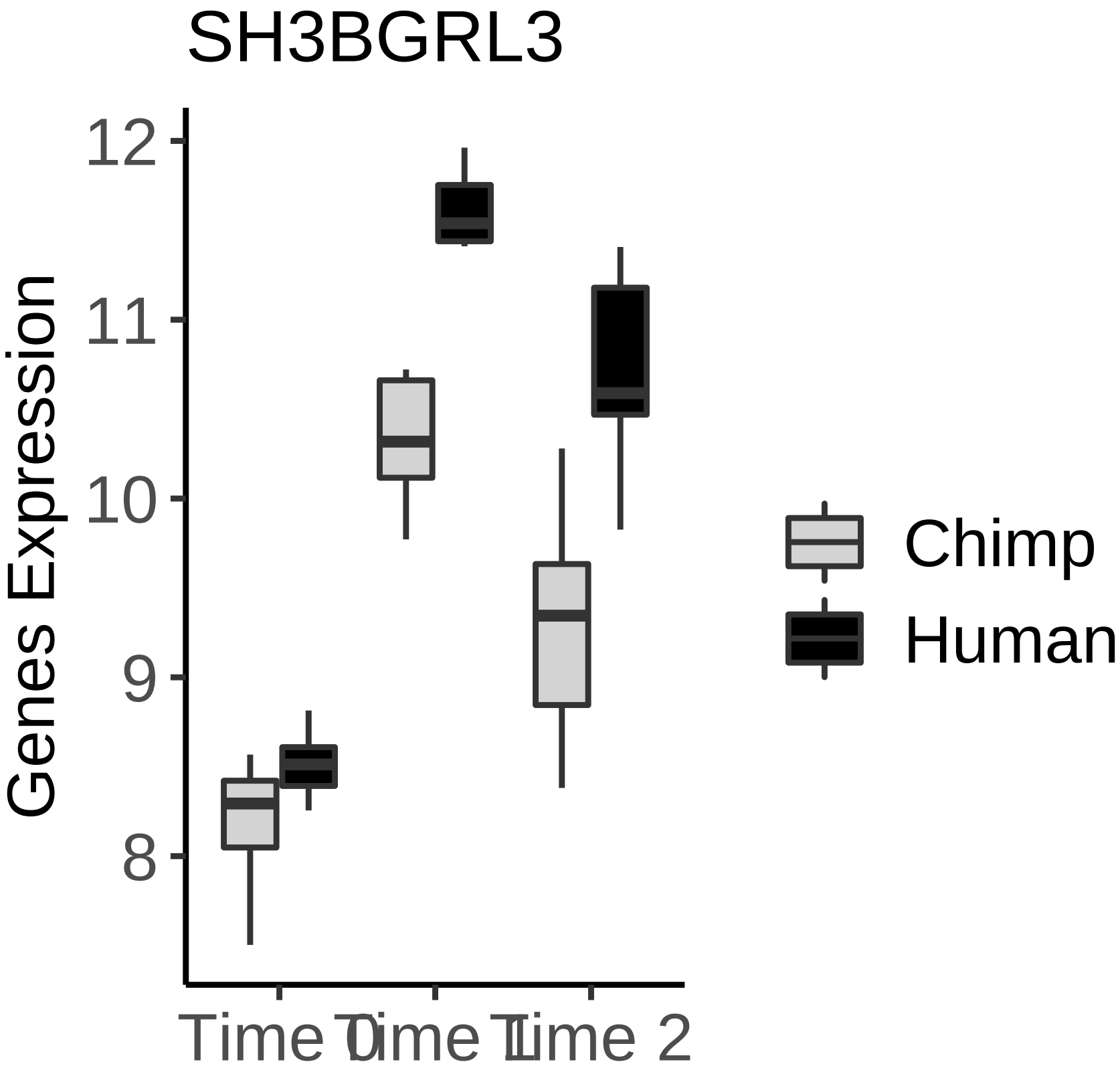
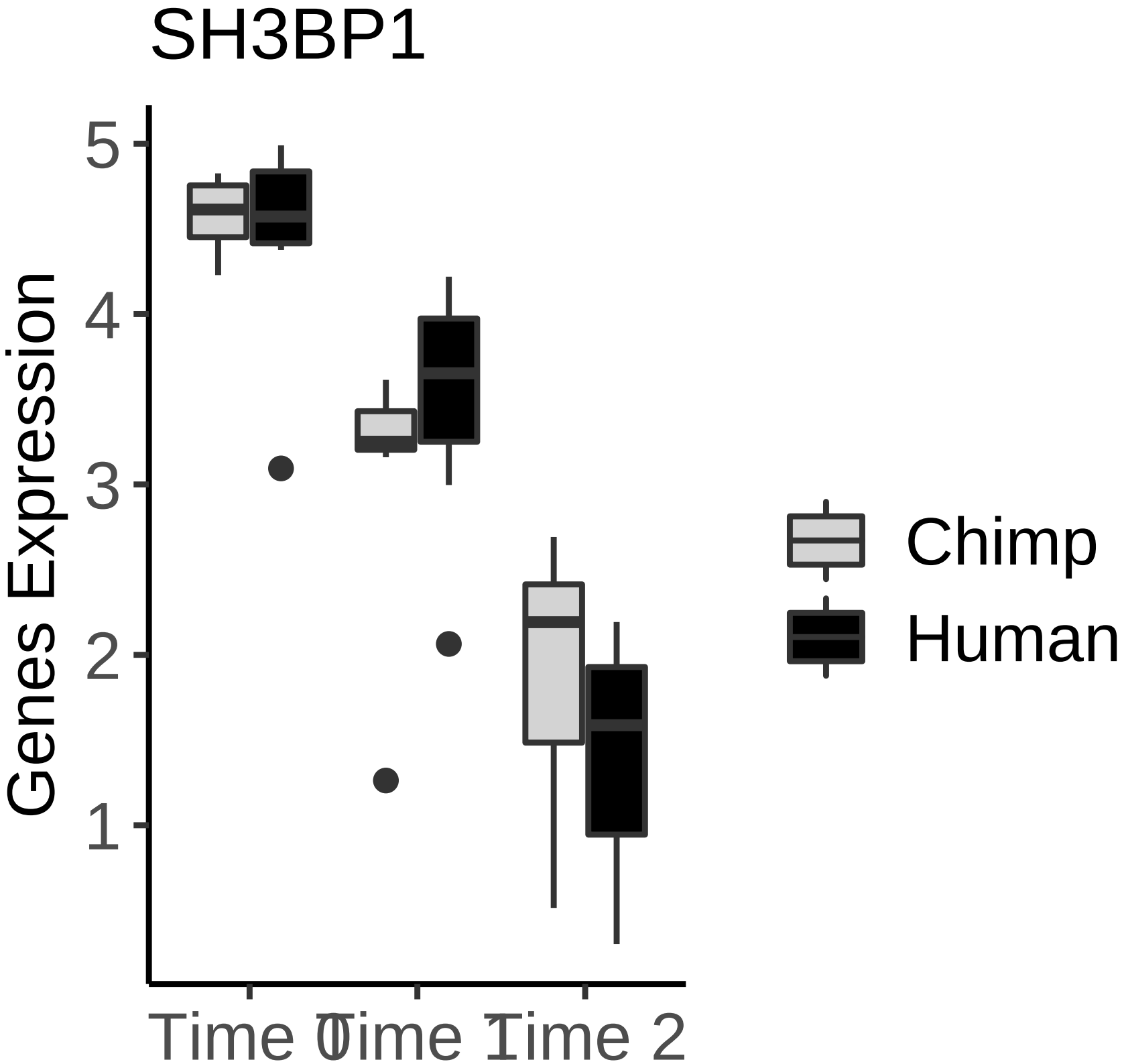
Time 2
Chimp
Human


SH3BGRL3
Genes Expression
12
11
10
9
8
Time 0
Time 1
Time 2
Chimp
Human


SH3BP1
Genes Expression
5
4
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1
Time 0
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Time 2
Chimp
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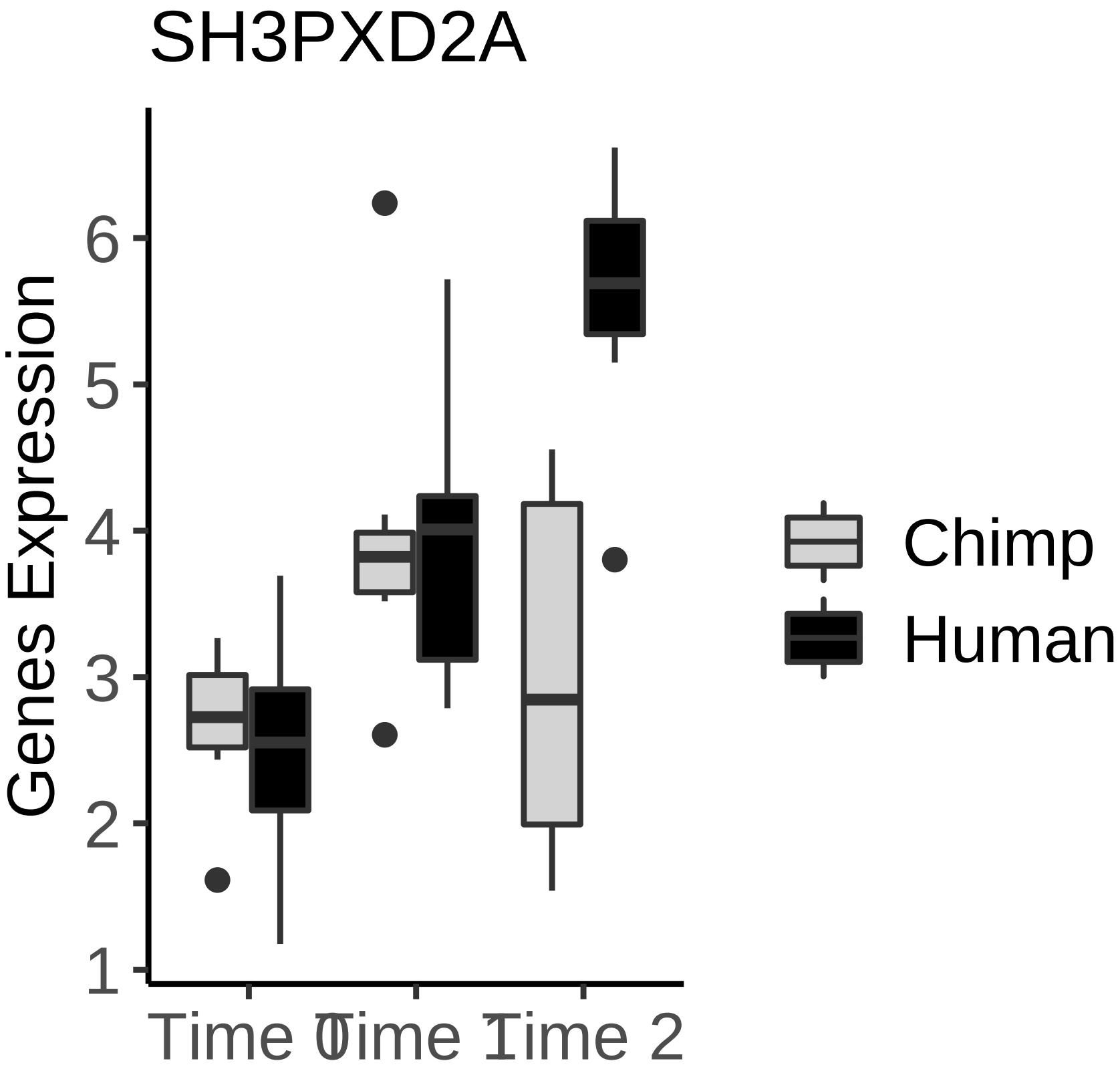
SH3PXD2A
Genes Expression
6
5
4
3
2
1
Time 0
Time 1
Time 2
Chimp
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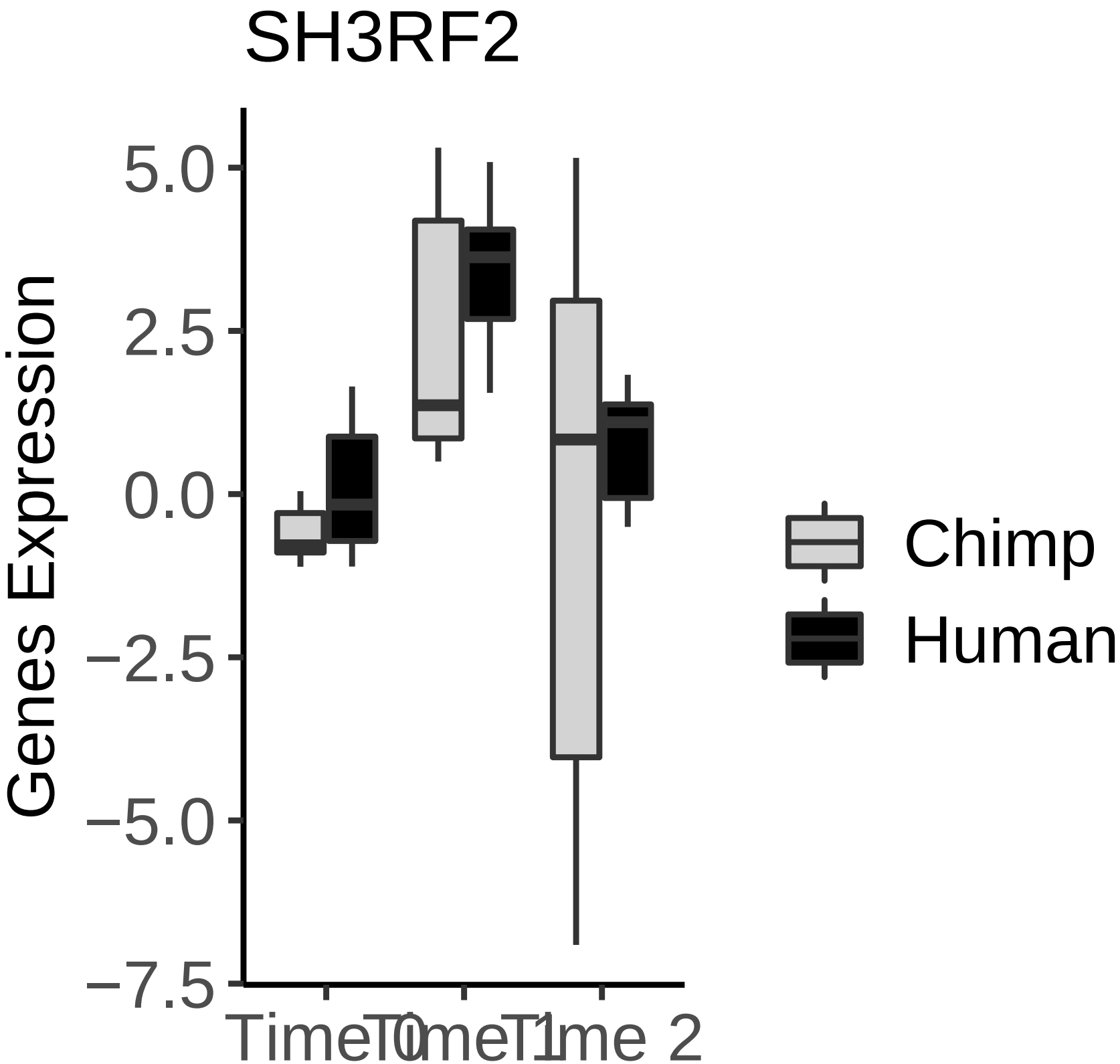
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−7.5
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Time 2
Chimp
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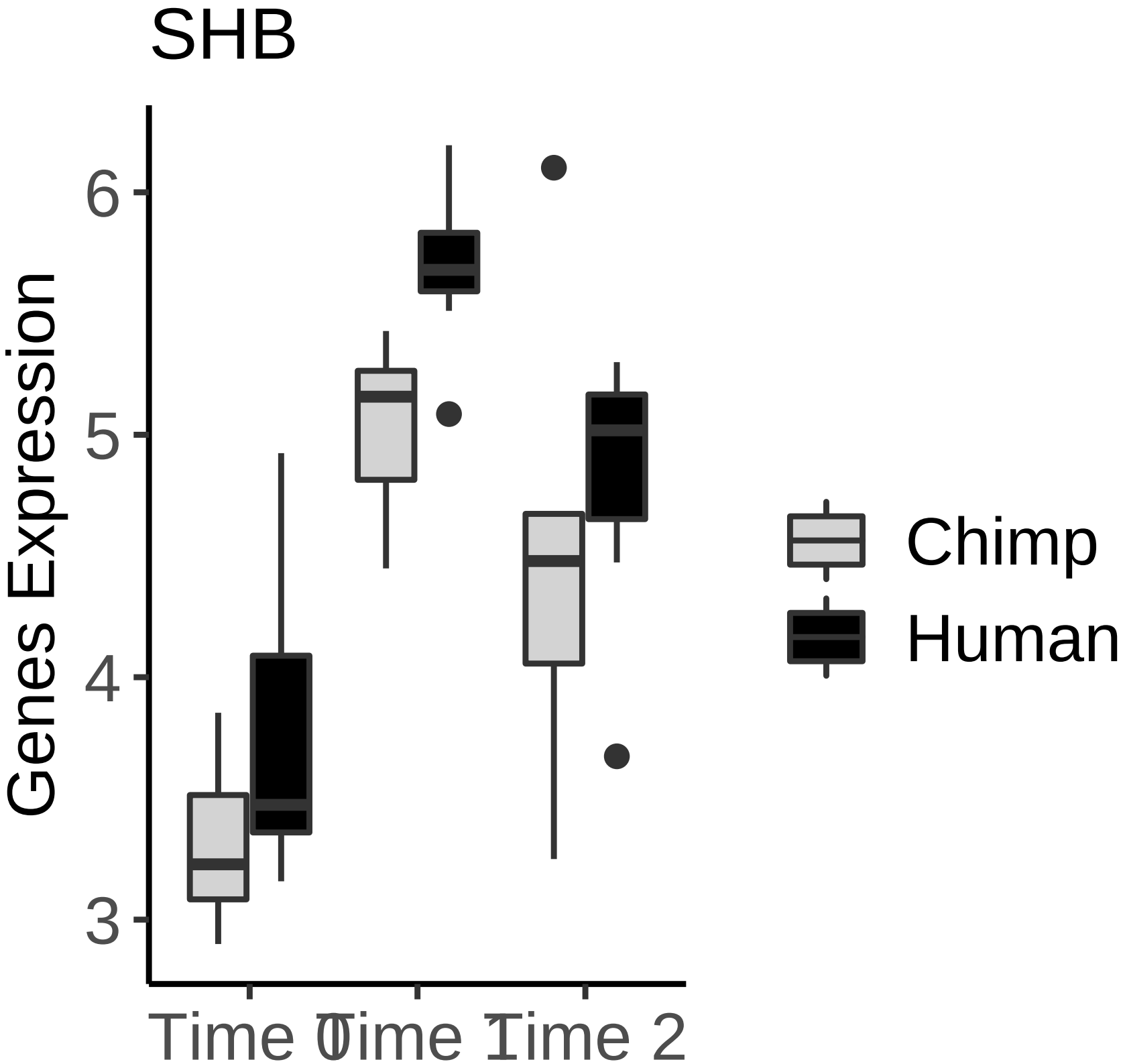
SHB
Genes Expression
6
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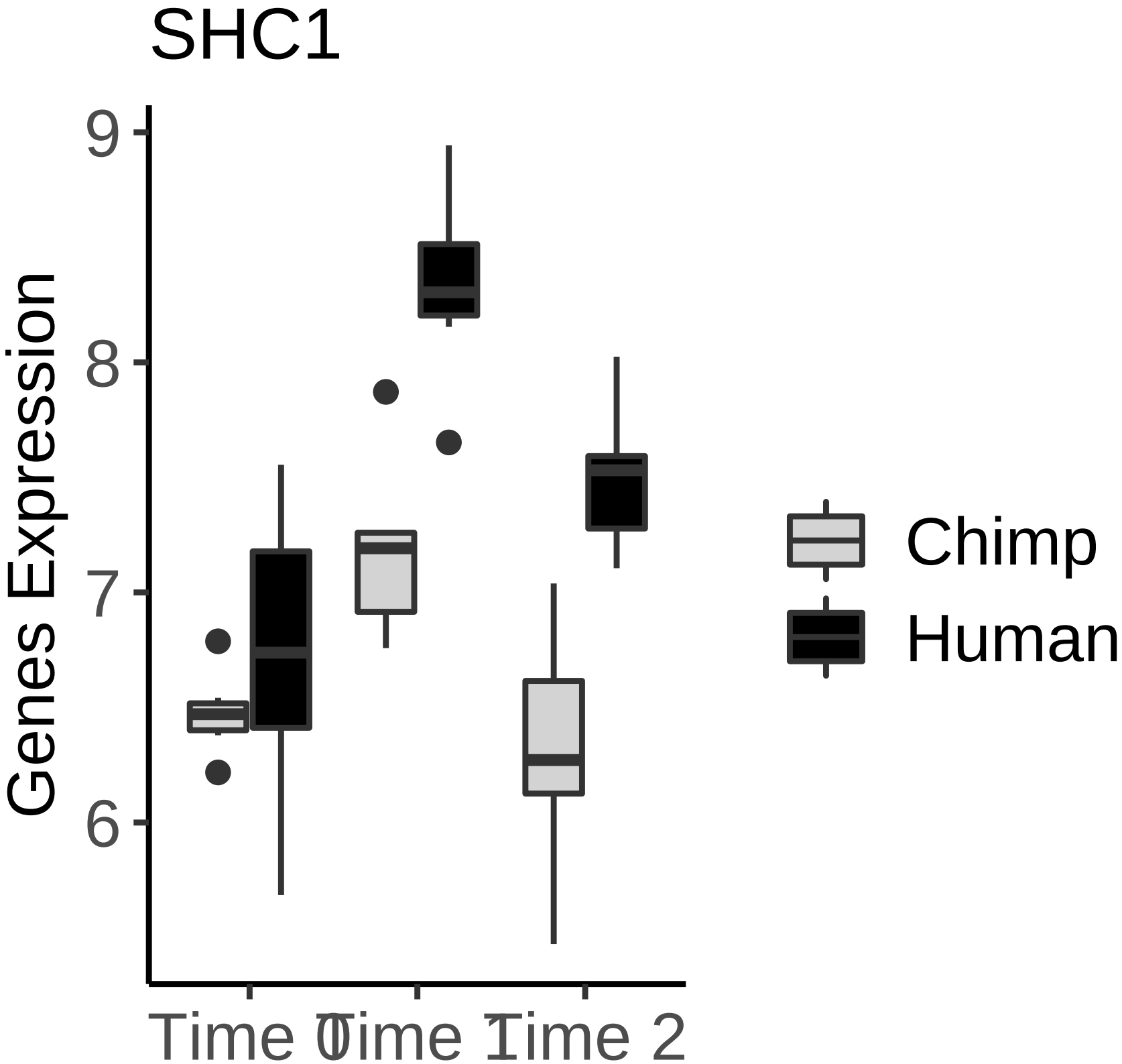
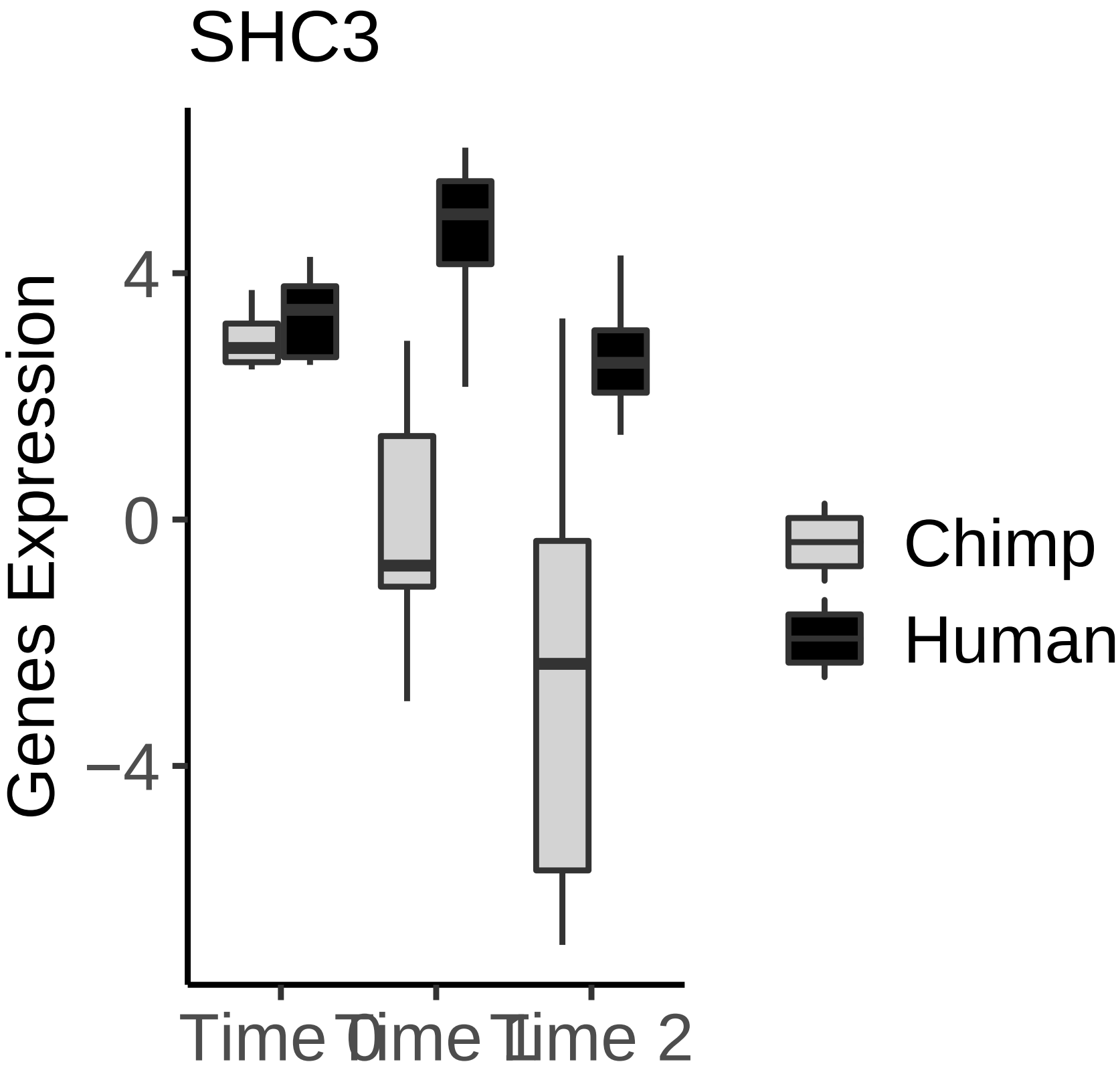
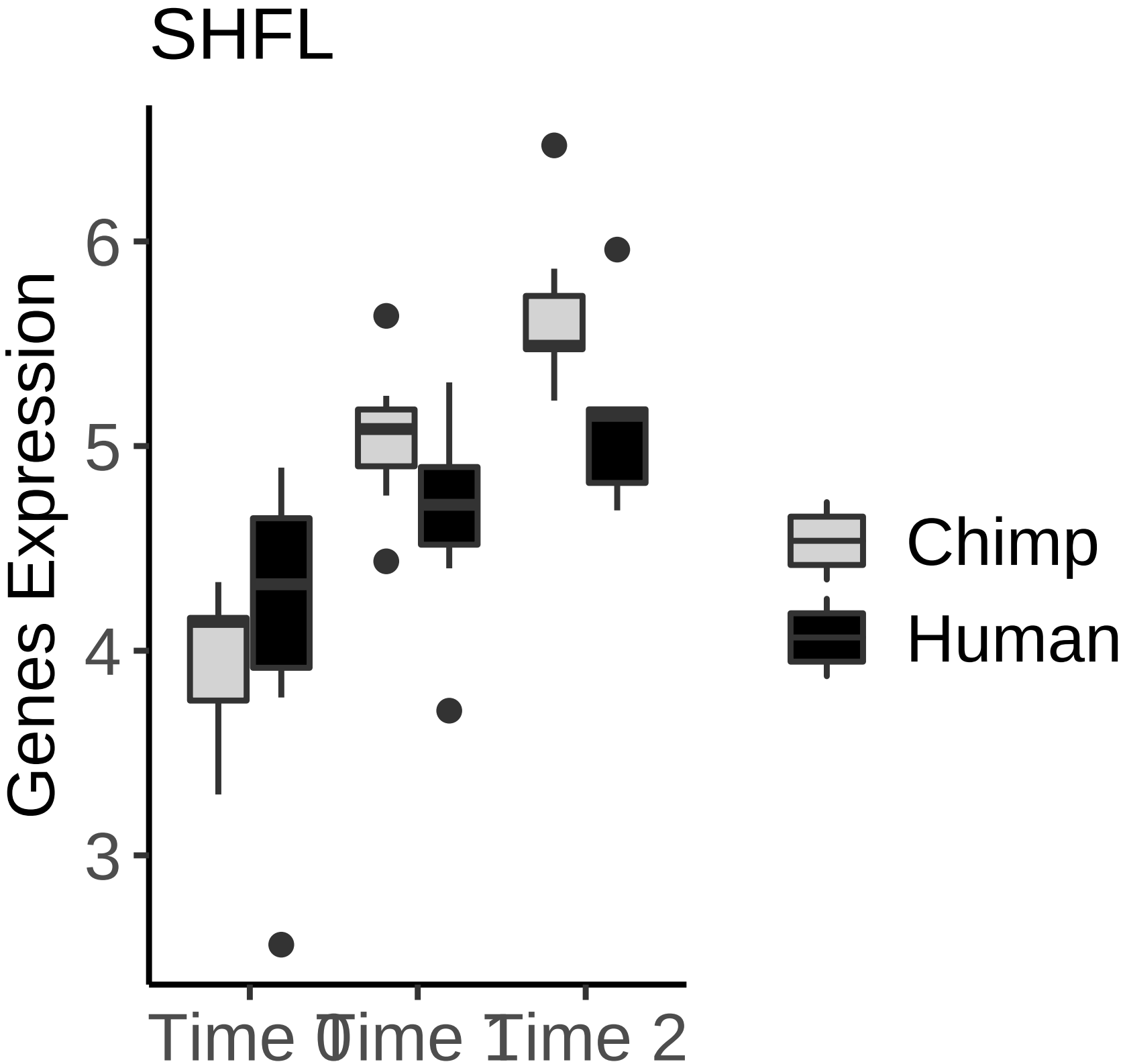
Time 2
Chimp
Human


SHC1
Genes Expression
9
8
7
6
Time 0
Time 1
Time 2
Chimp
Human


SHC3
Genes Expression
4
0
−4
Time 0
Time 1
Time 2
Chimp
Human


SHFL
Genes Expression
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4
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Time 2
Chimp
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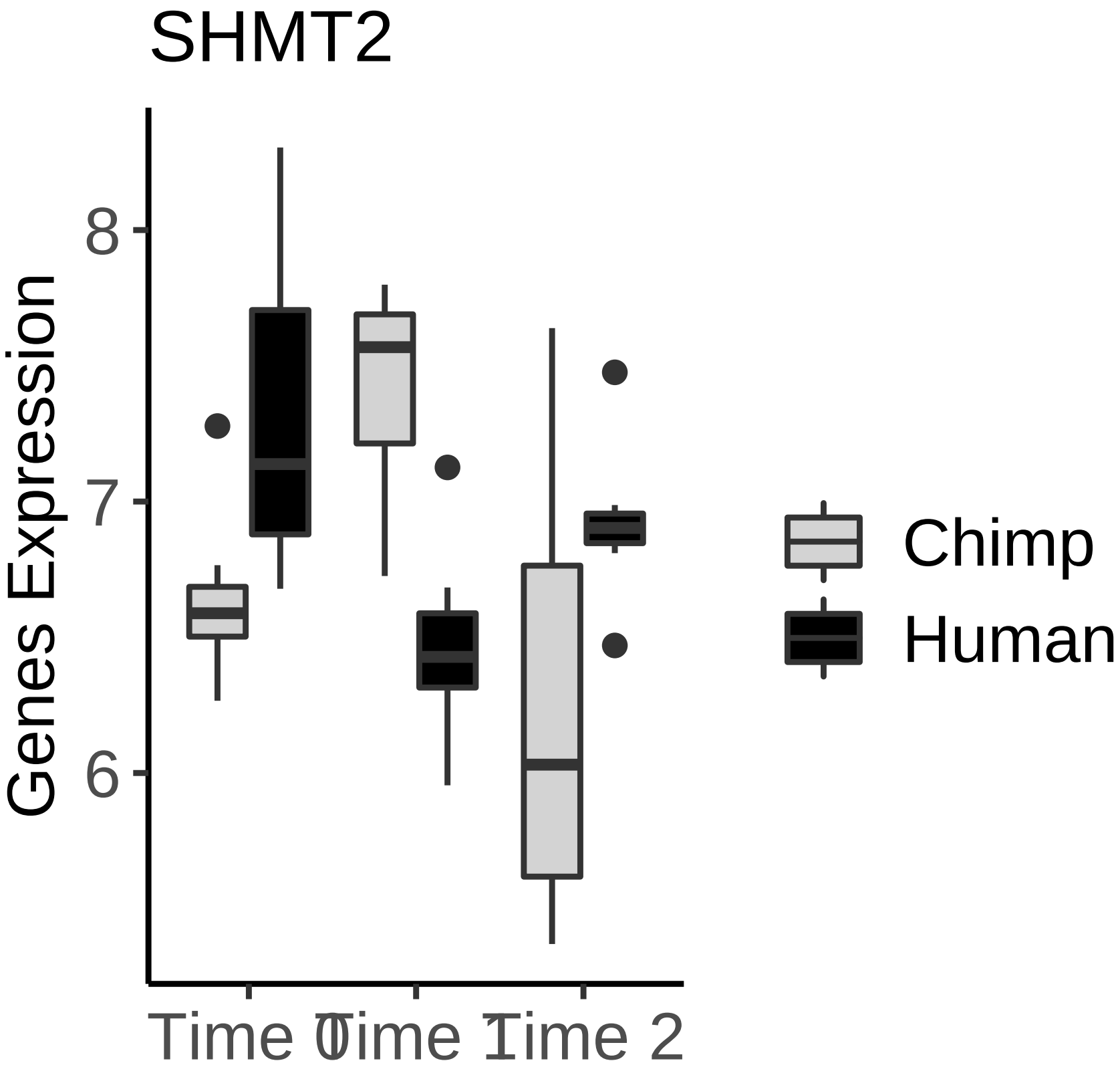
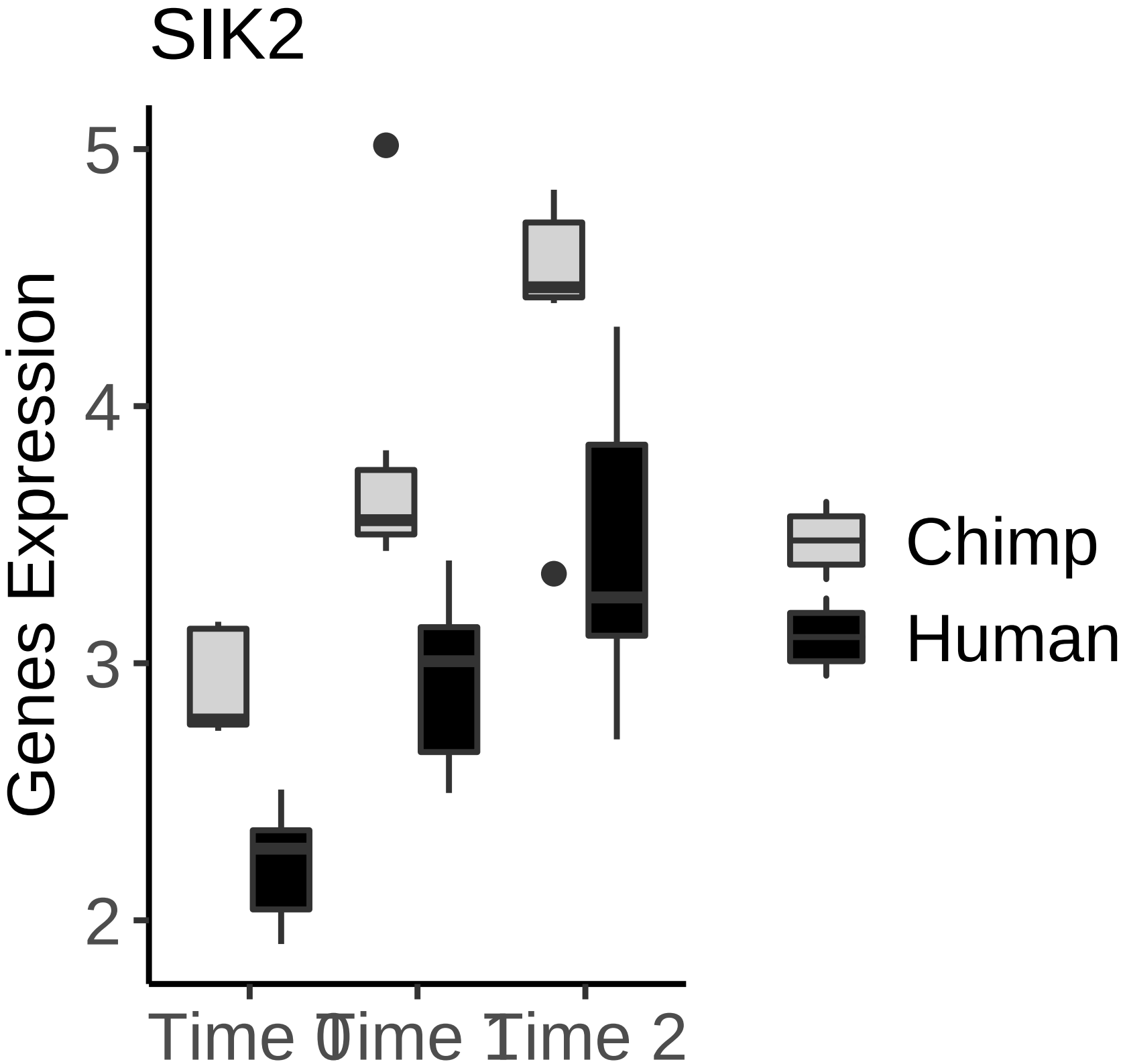

SHMT2
Genes Expression
8
7
6
Time 0
Time 1
Time 2
Chimp
Human


SIK2
Genes Expression
5
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2
Time 0
Time 1
Time 2
Chimp
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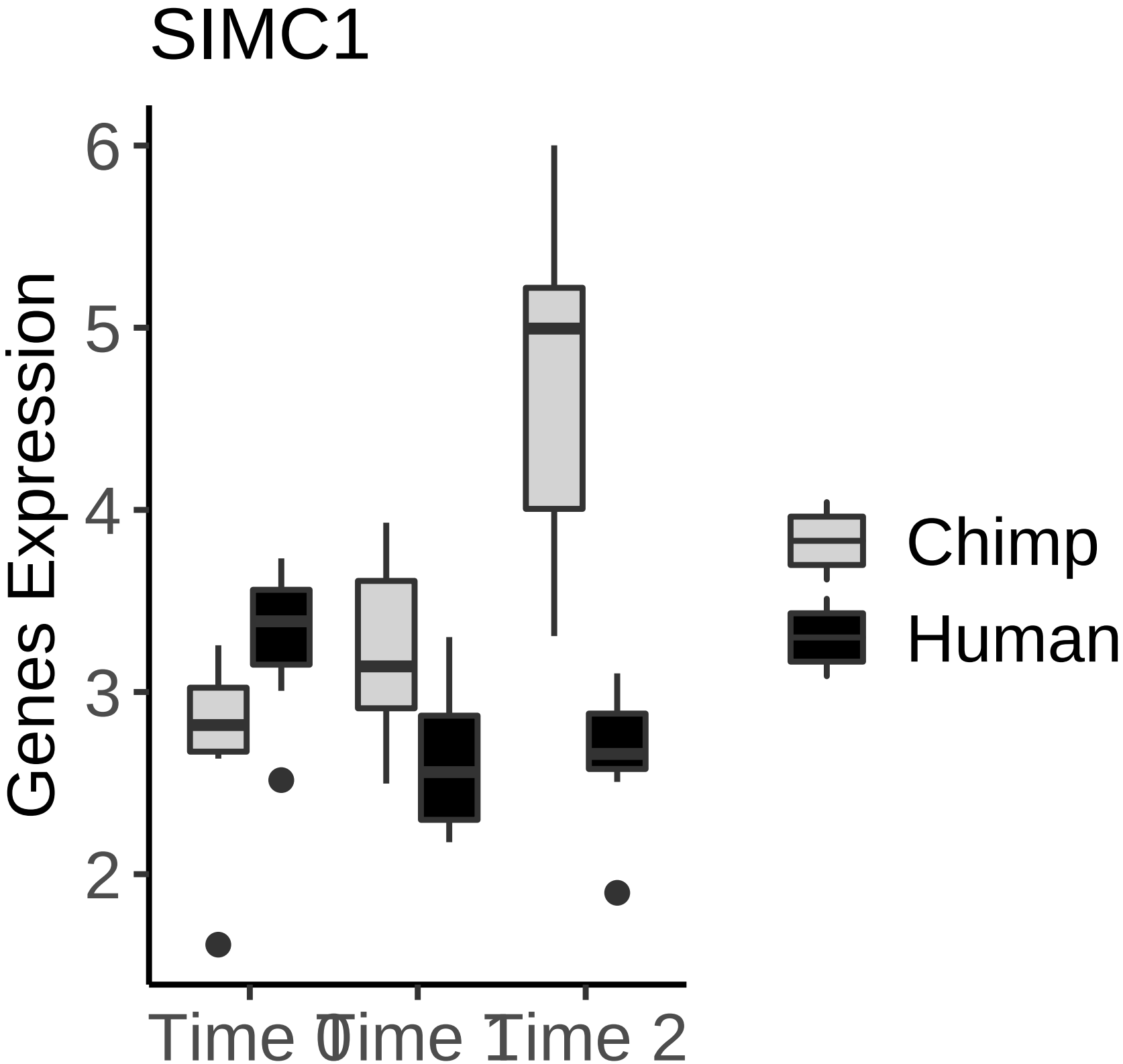
SIMC1
Genes Expression
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Time 1
Time 2
Chimp
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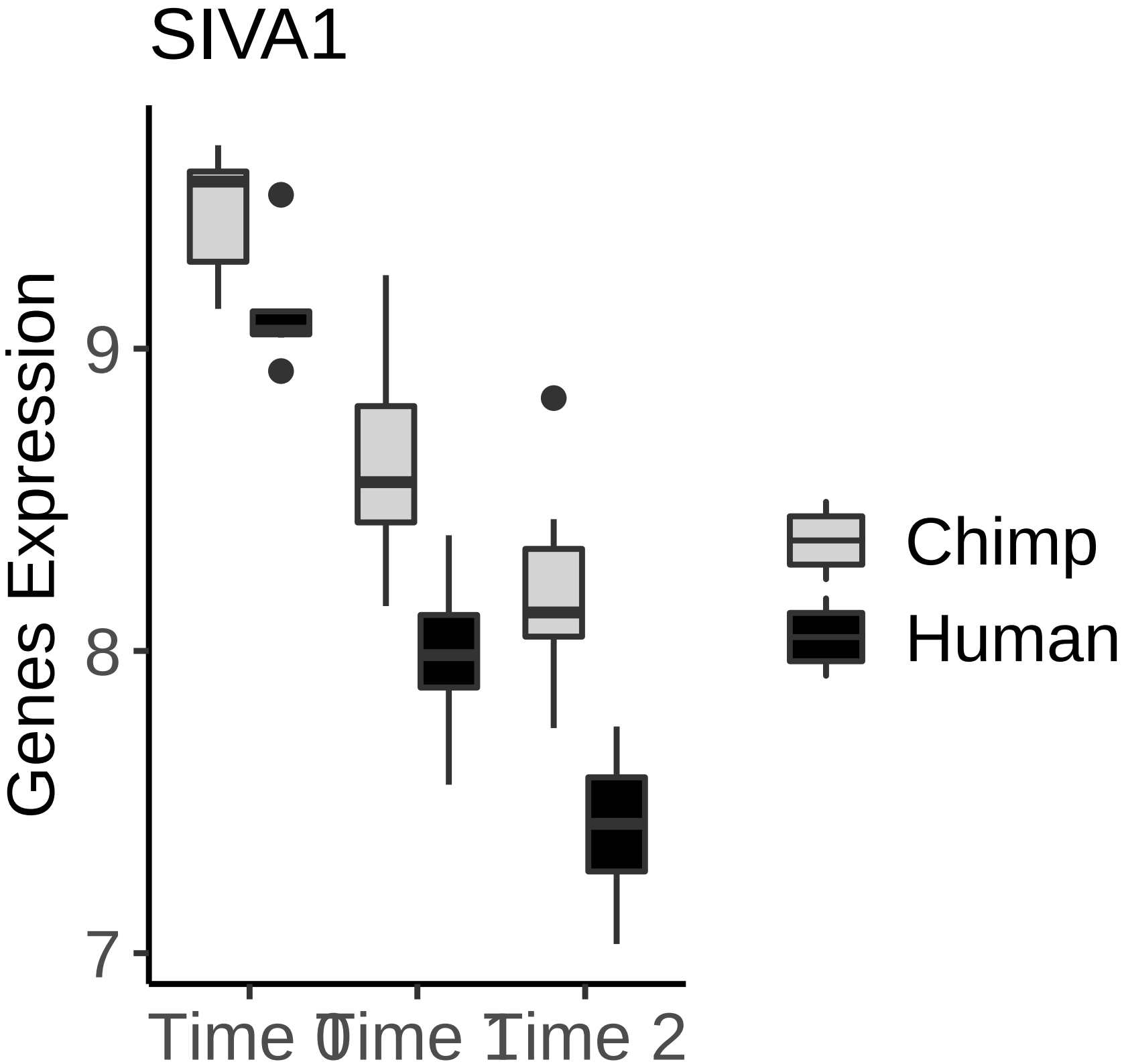
SIVA1
Genes Expression
9
8
7
Time 0
Time 1
Time 2
Chimp
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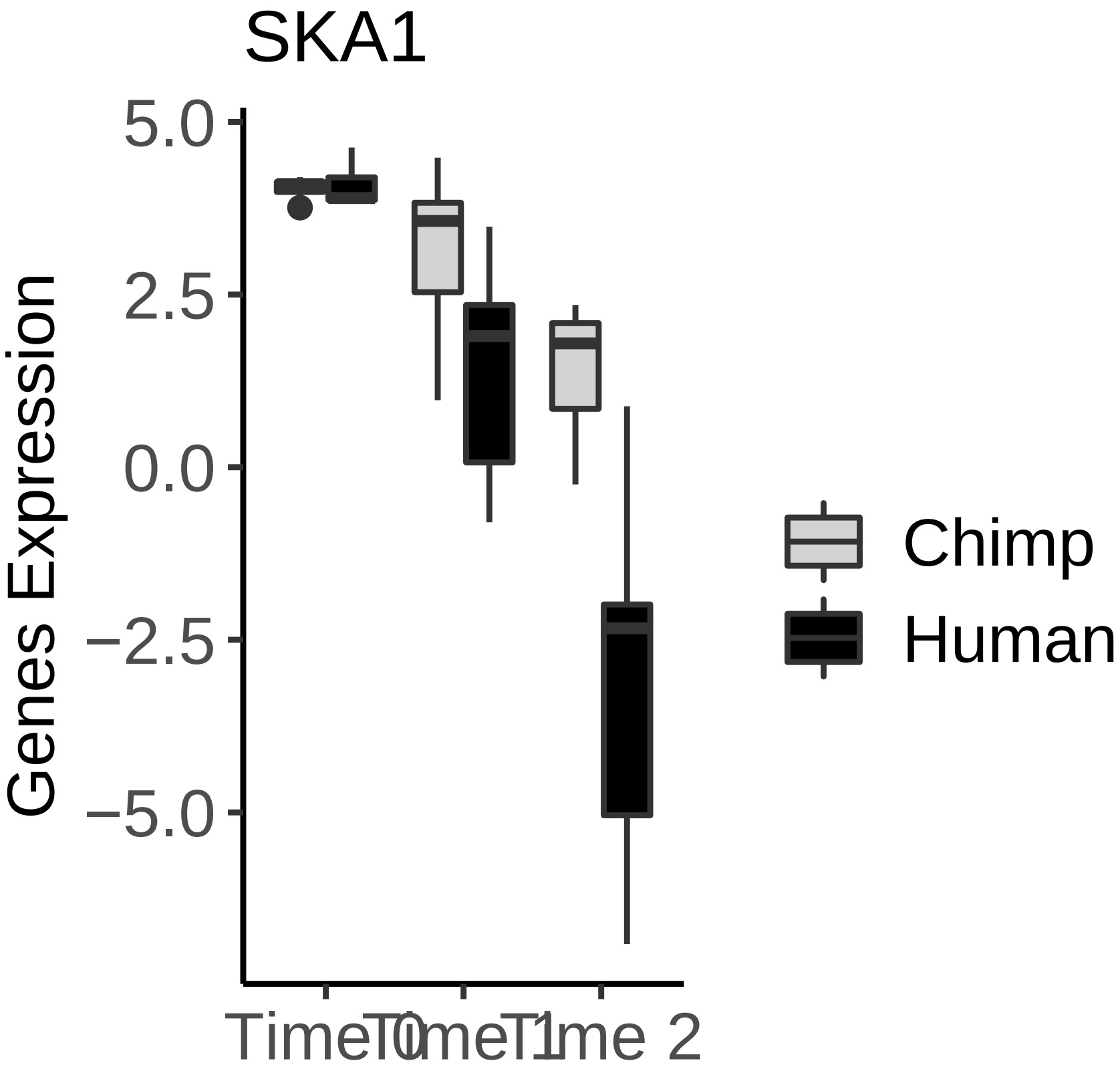
SKA1
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−5.0
Genes Expression
Time 0
Time 1
Time 2
Chimp
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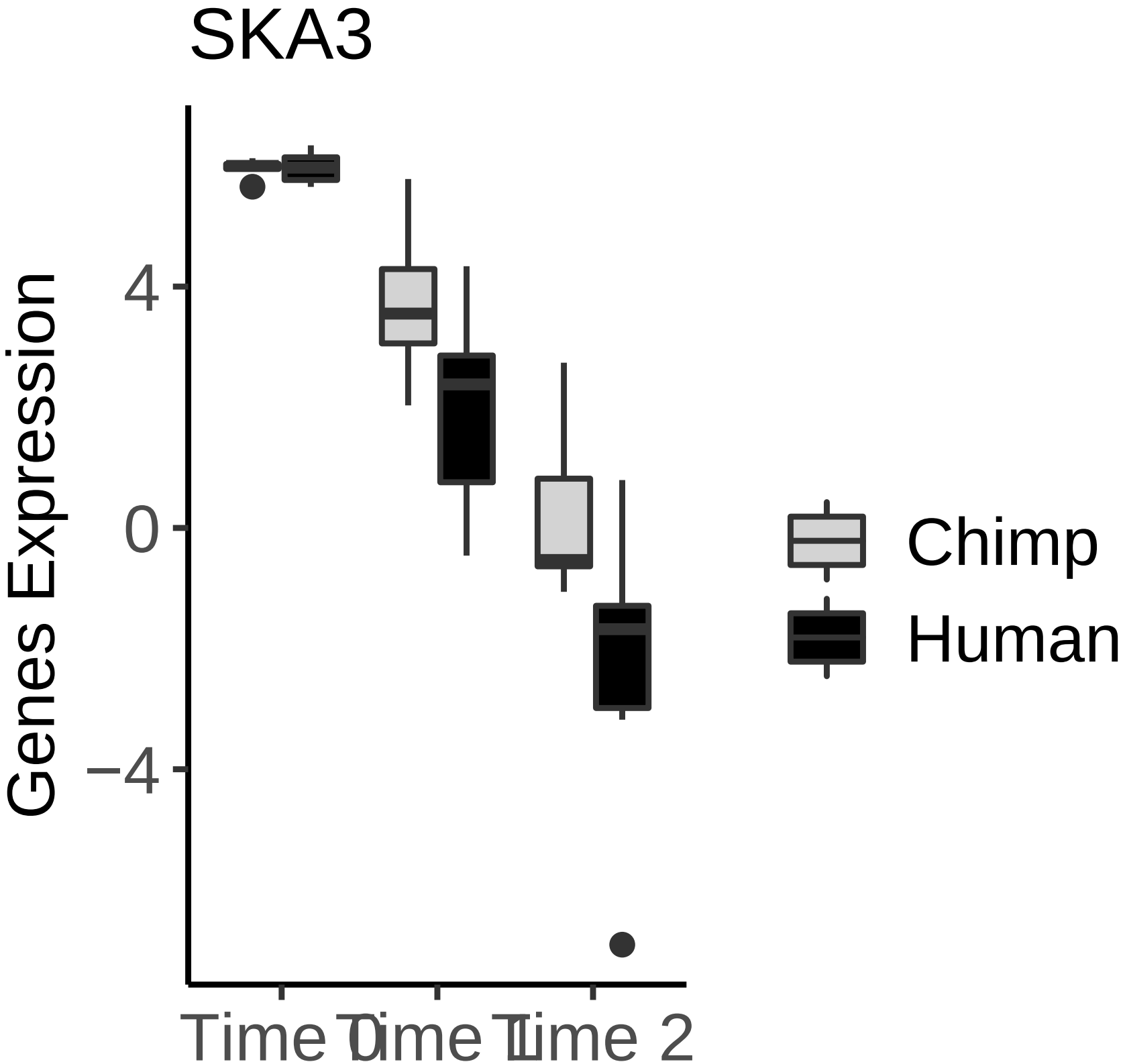
SKA3
Genes Expression
4
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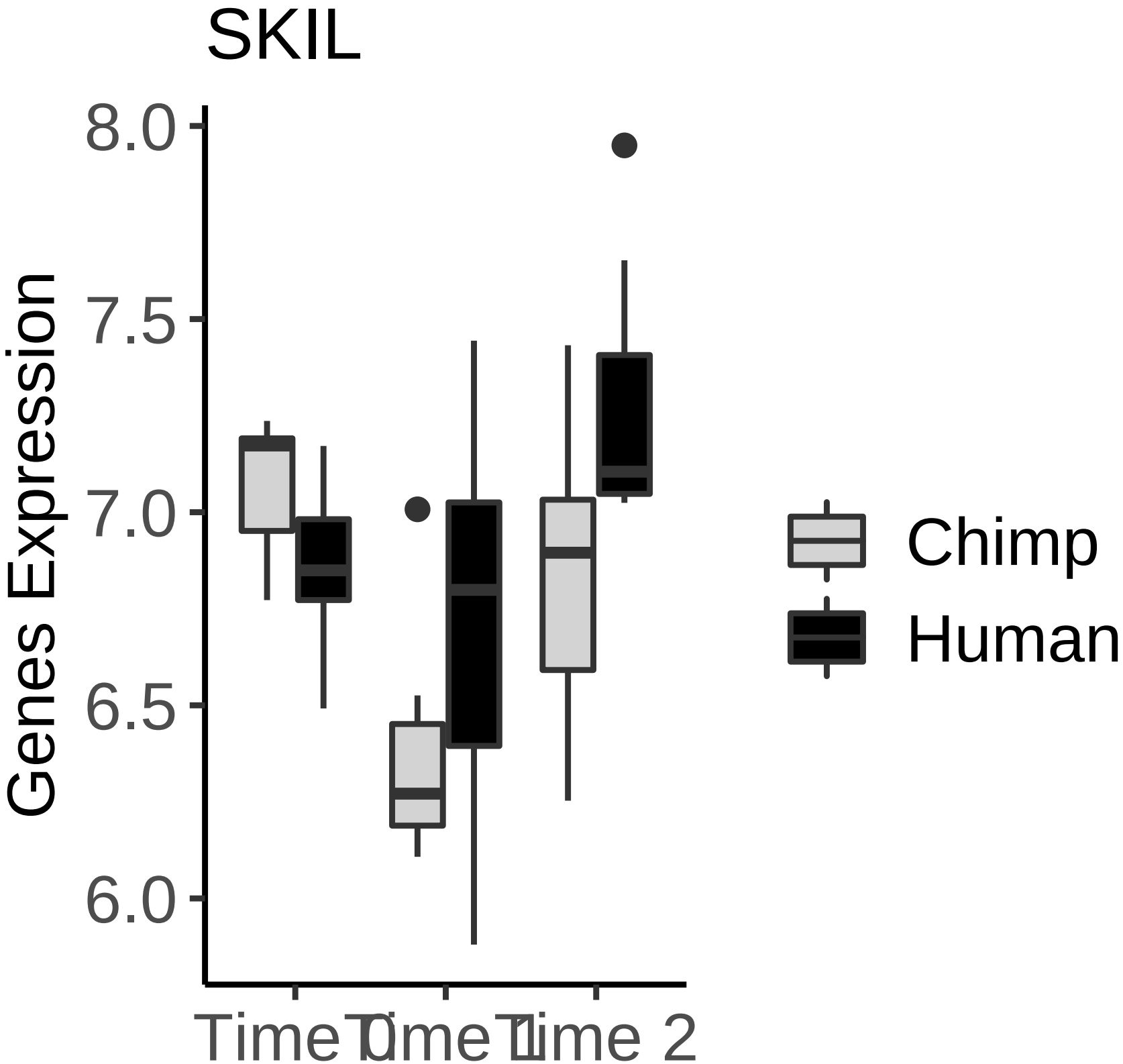
Time 0
Time 1
Time 2
Chimp
Human


SKIL
Genes Expression
8.0
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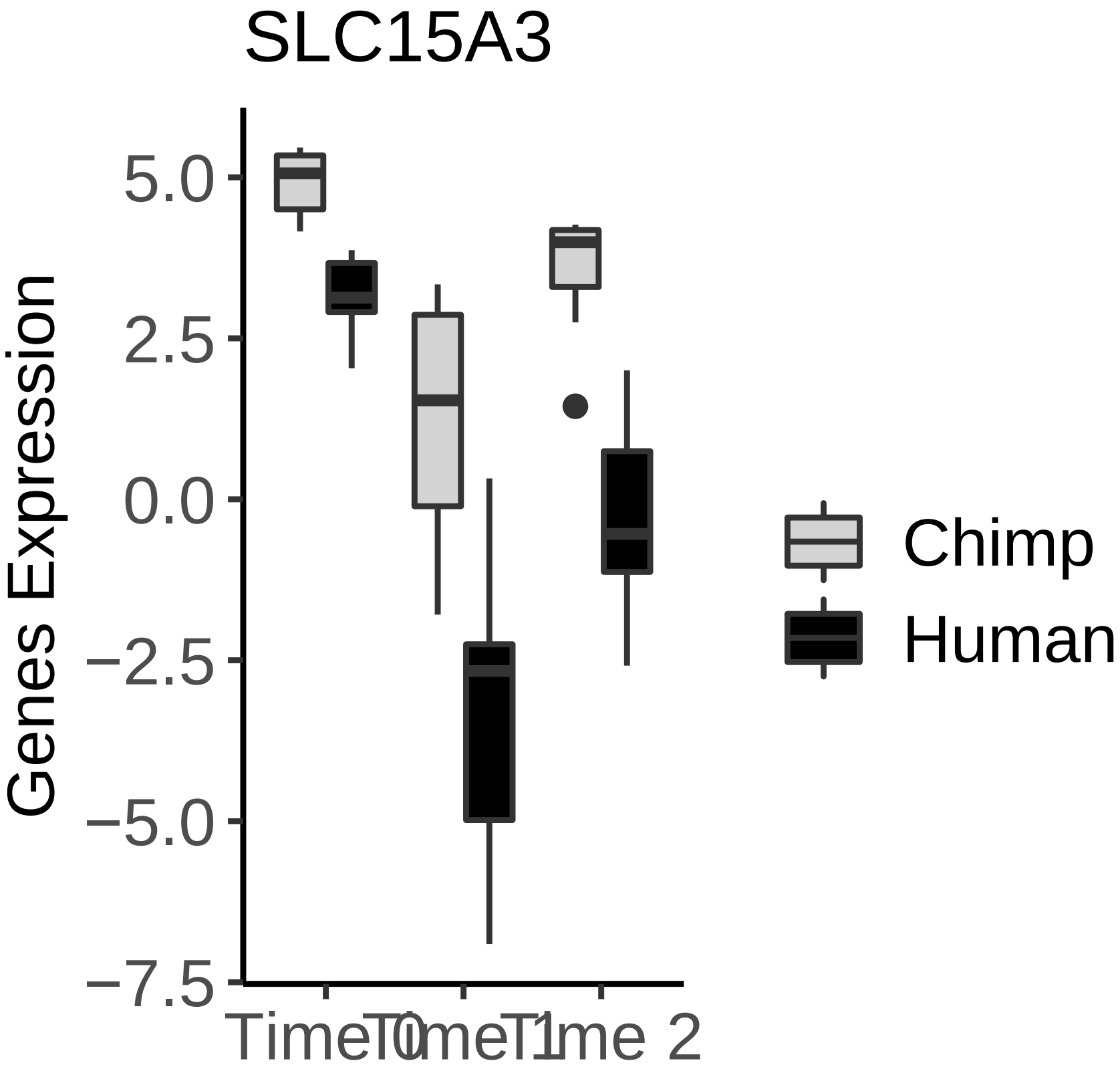
7.0
6.5
6.0
Time 0
Time 1
Time 2
Chimp
Human


SLC15A3
Genes Expression
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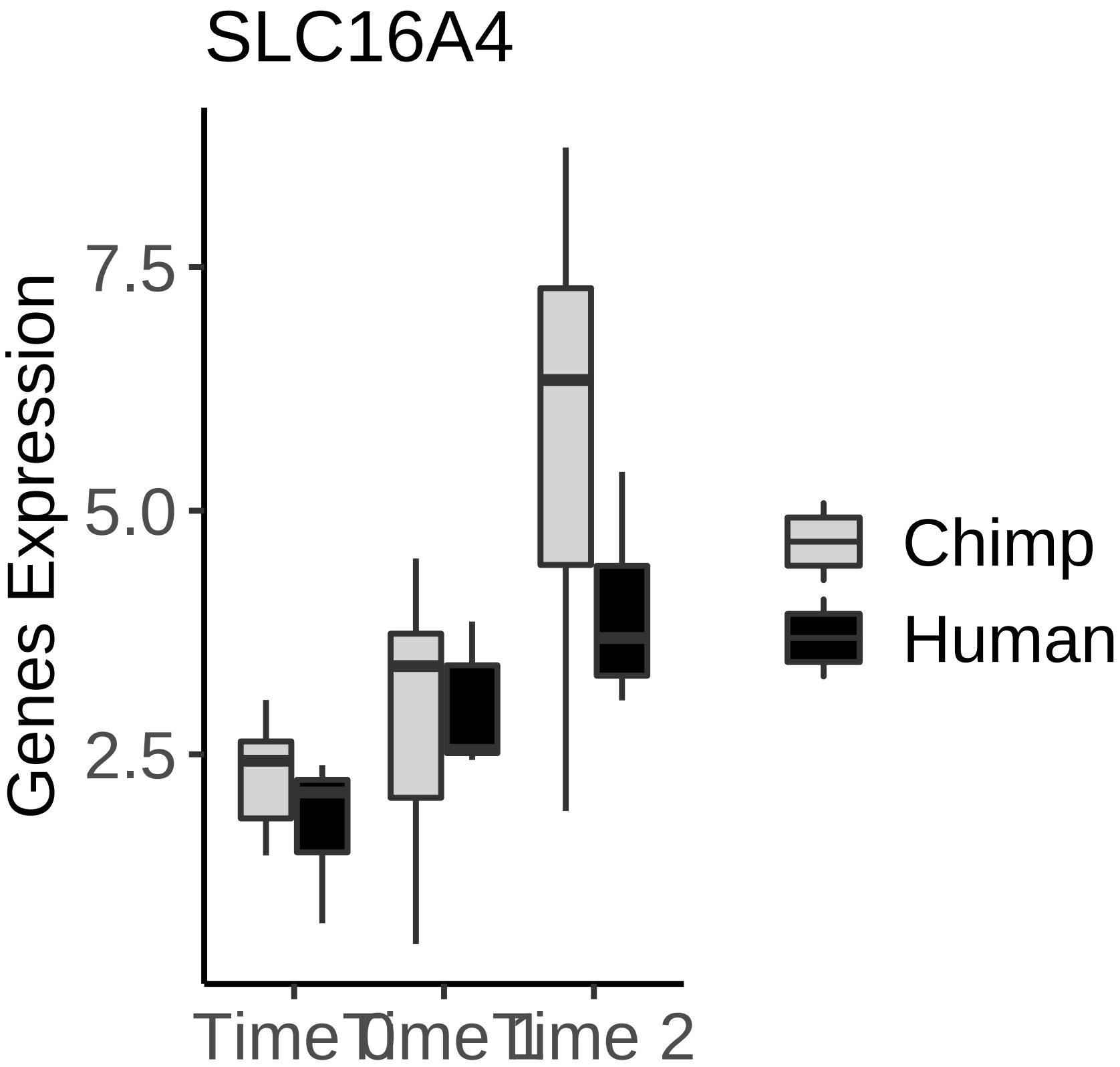
2.5
0.0
−2.5
−5.0
−7.5
Time 0
Time 1
Time 2
Chimp
Human


SLC16A4
Genes Expression
7.5
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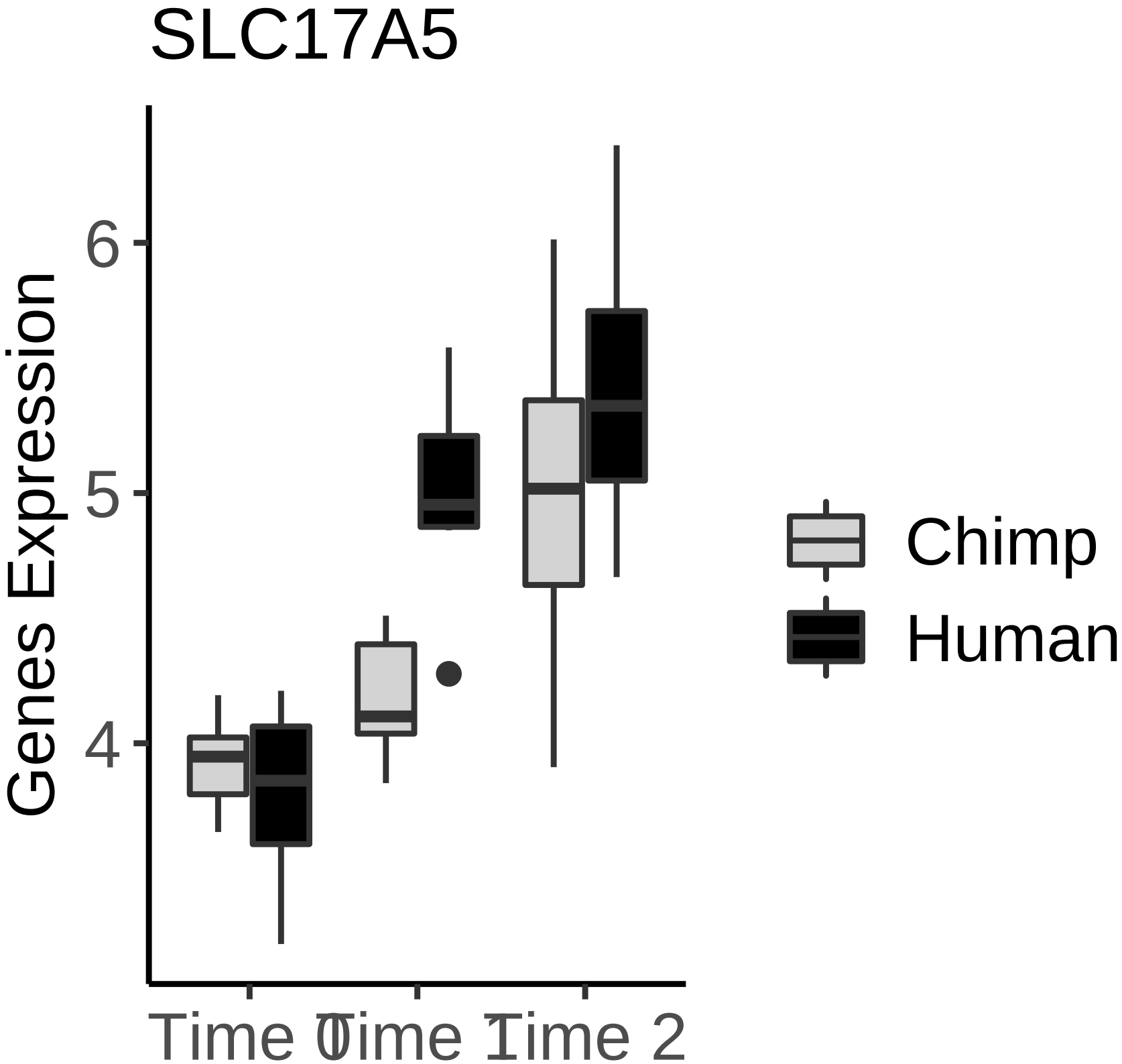
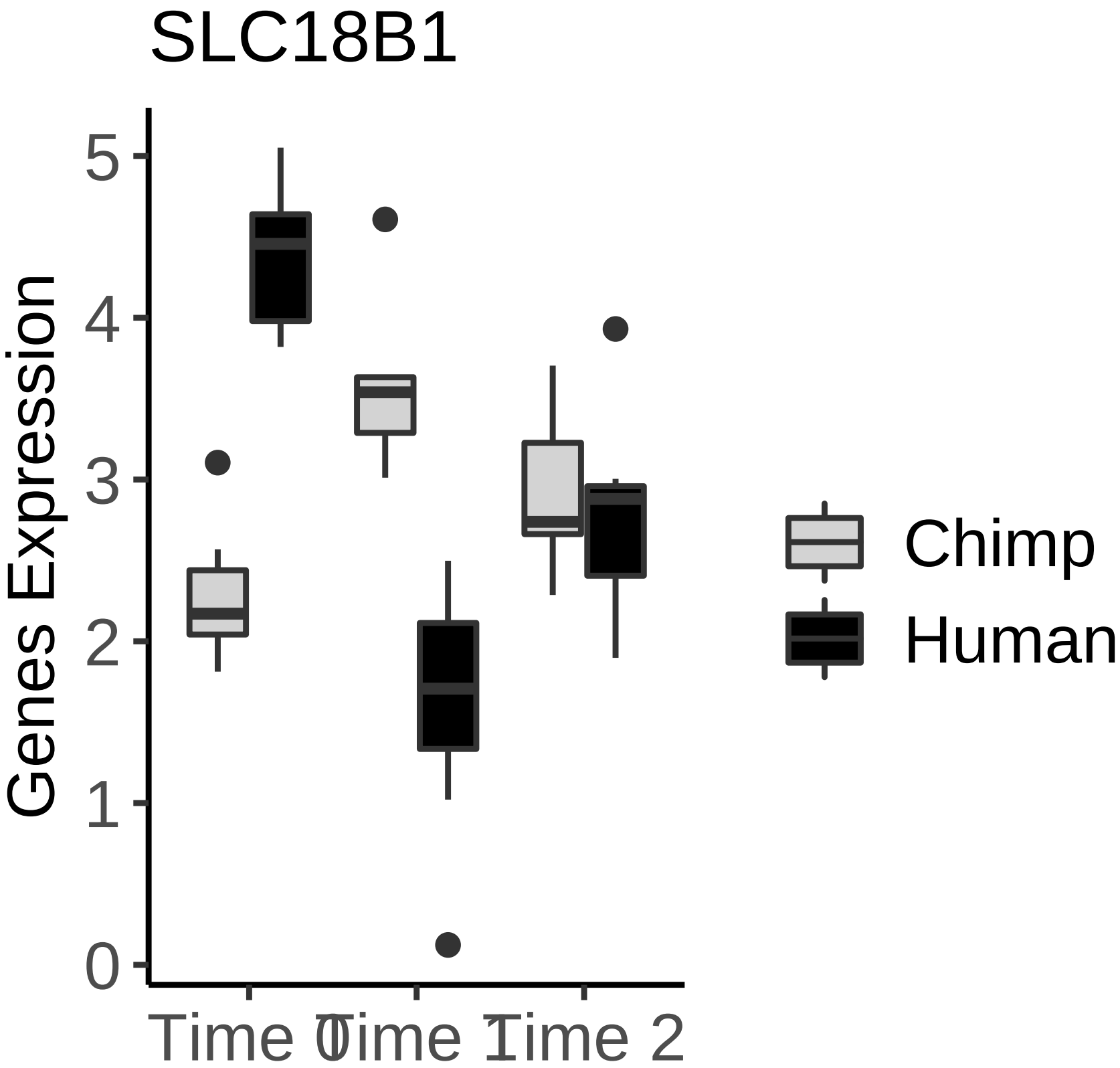
2.5
Time 0
Time 1
Time 2
Chimp
Human


SLC17A5
Genes Expression
6
5
4
Time 0
Time 1
Time 2
Chimp
Human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4
5
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Time 1
Time 2
Chimp
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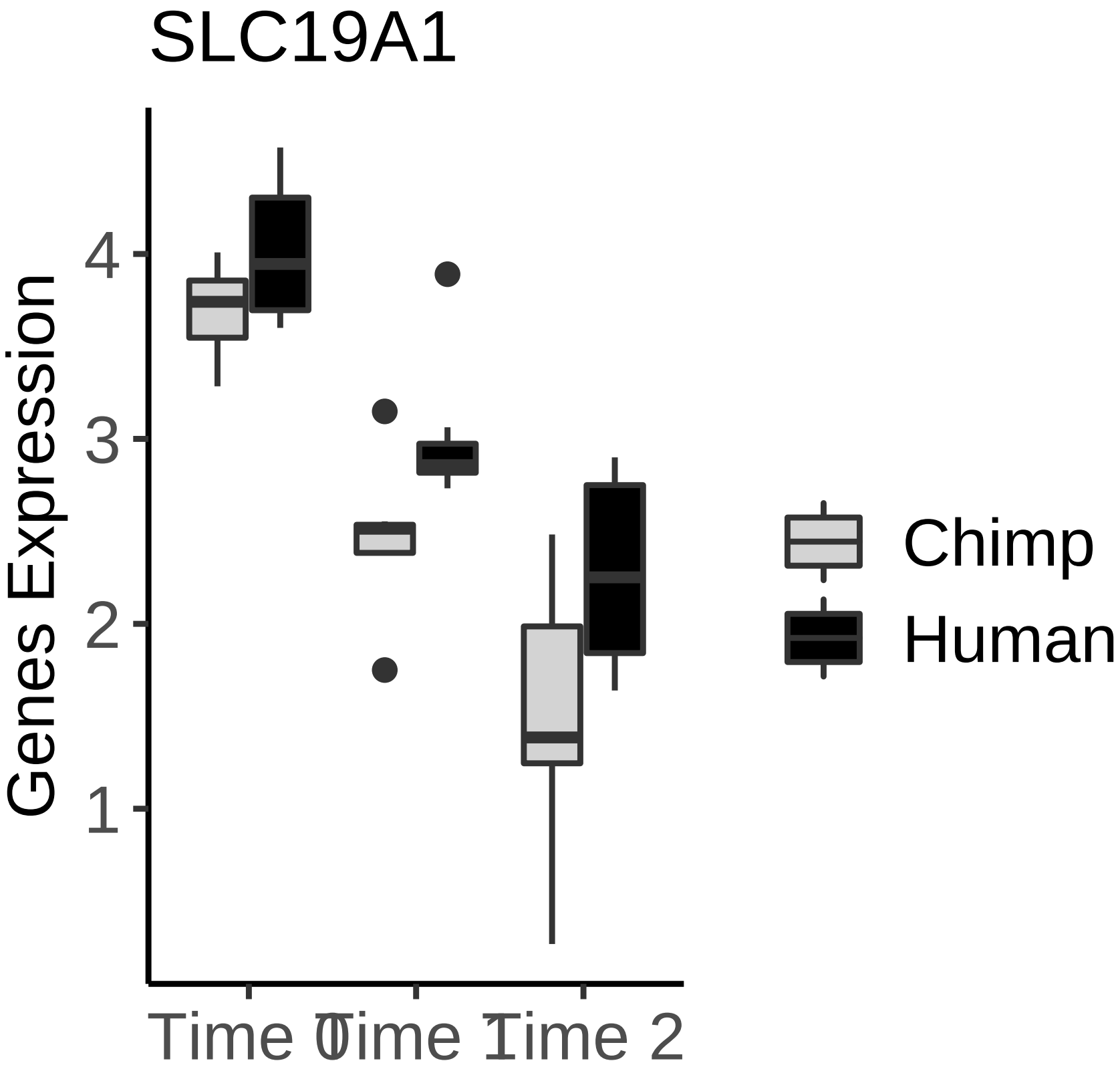
SLC19A1
Genes Expression
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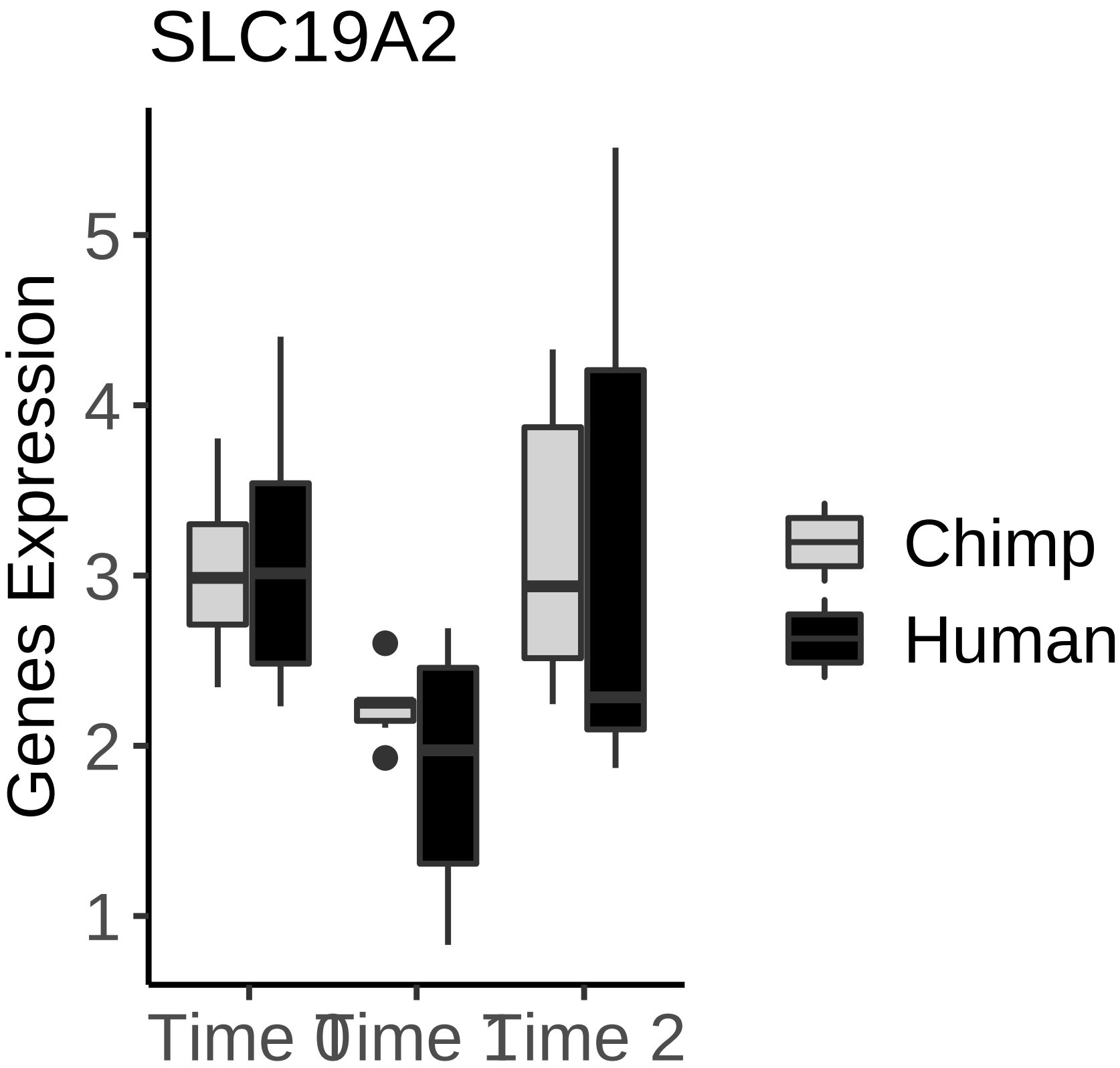
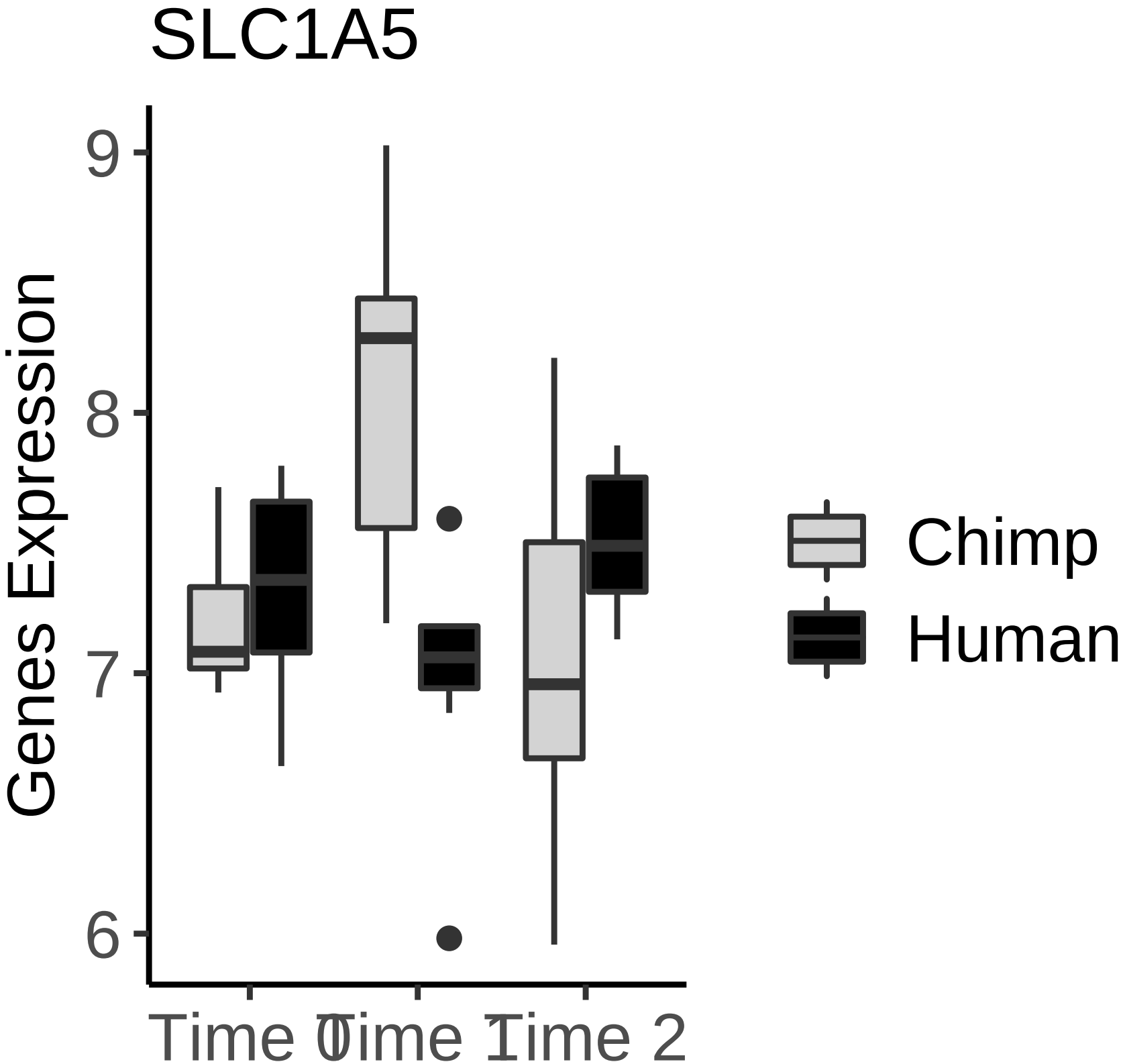
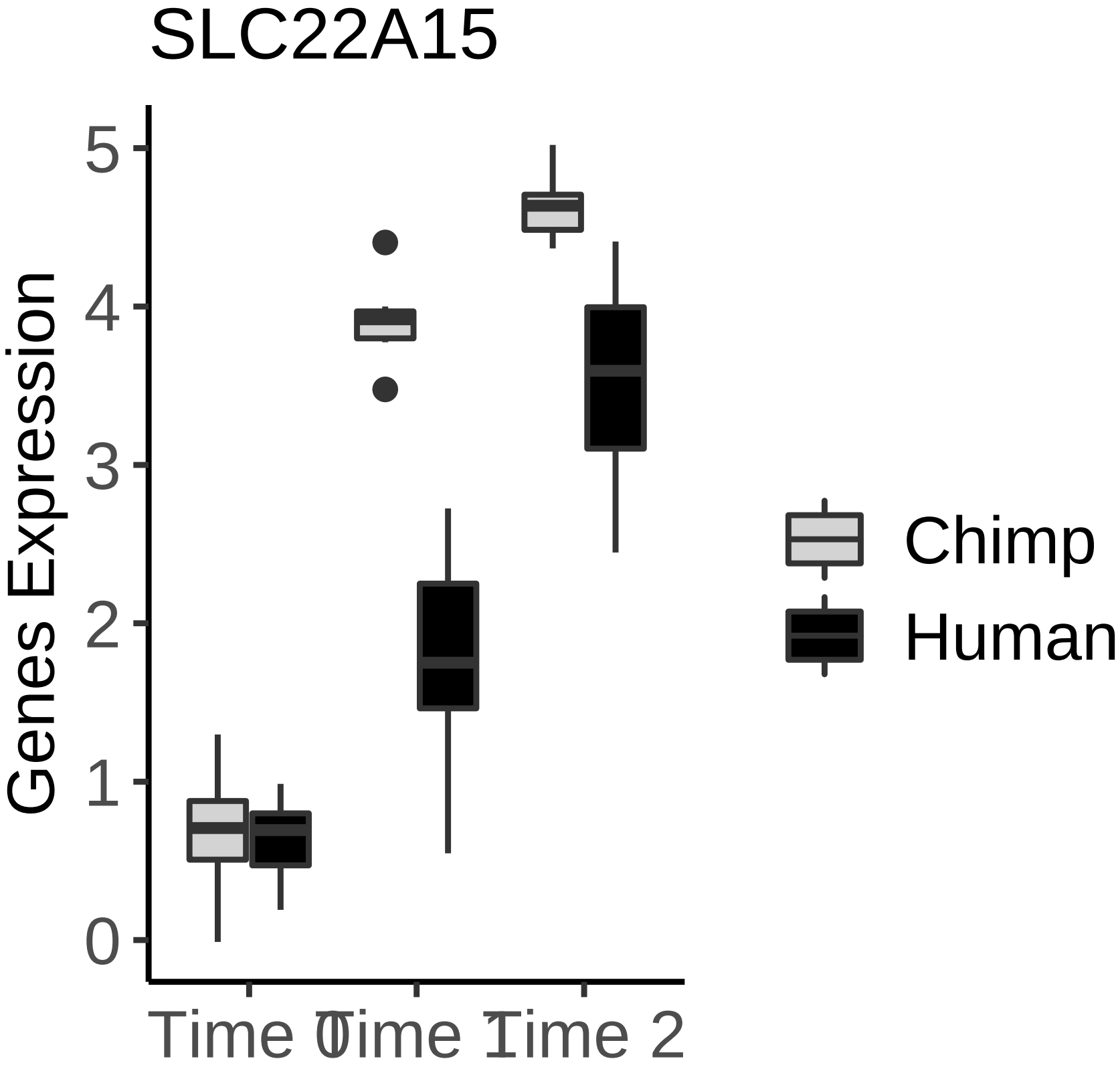
Time 1
Time 2
Chimp
Human


SLC19A2
Genes Expression
5
4
3
2
1
Time 0
Time 1
Time 2
Chimp
Human


SLC1A5
Genes Expression
9
8
7
6
Time 0
Time 1
Time 2
Chimp
Human


SLC22A15
Genes Expression
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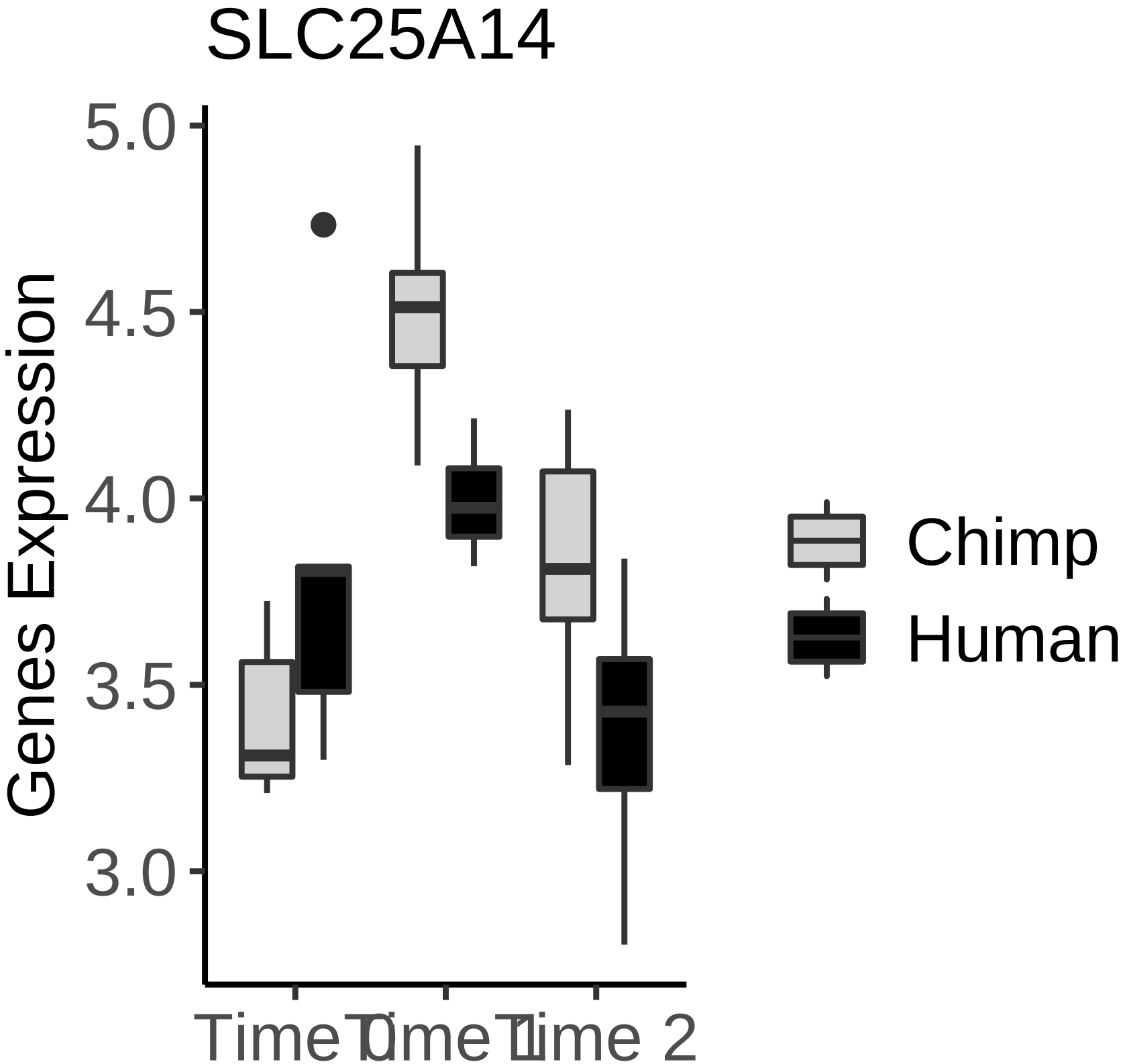
4
5
Time 0
Time 1
Time 2
Chimp
Human


SLC25A14
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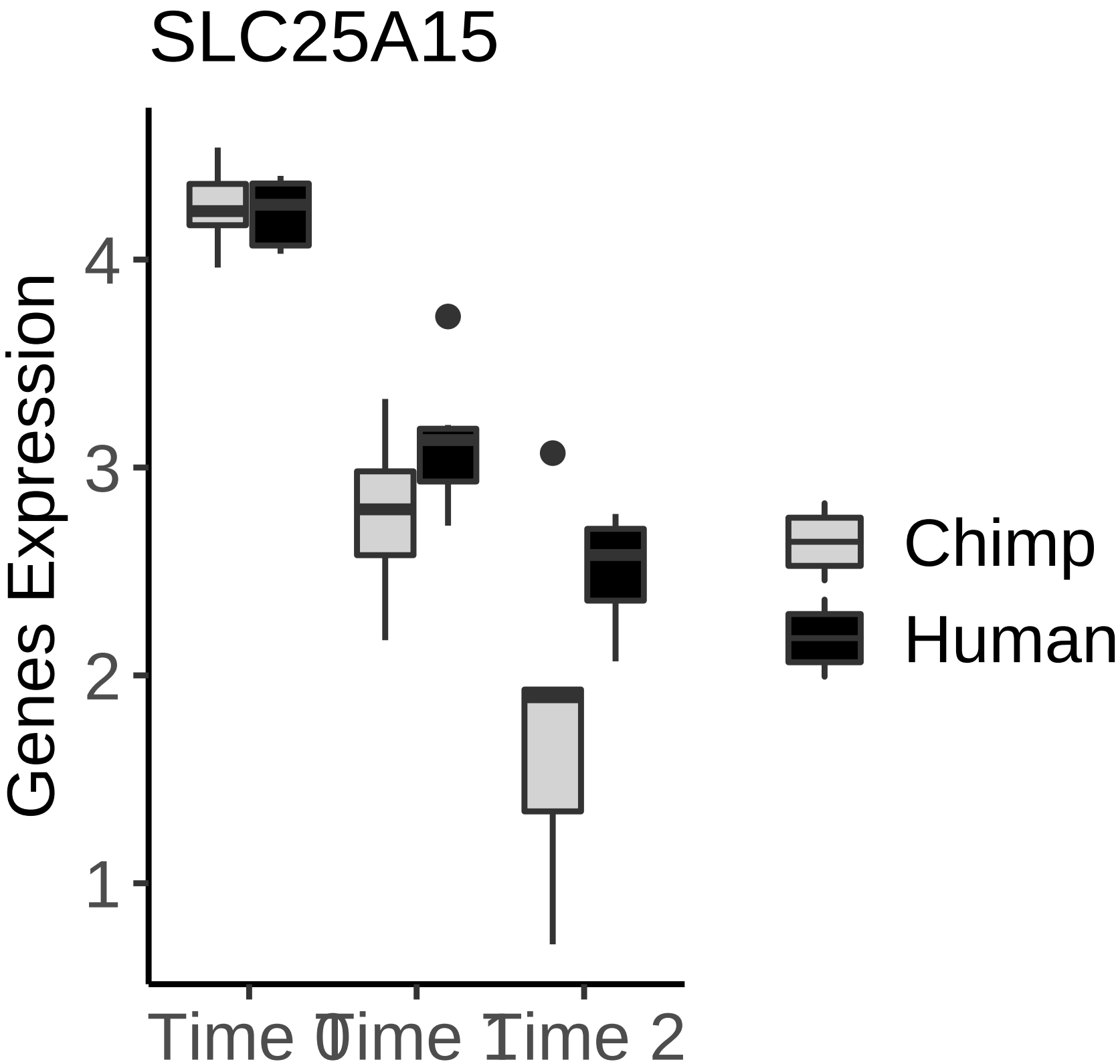
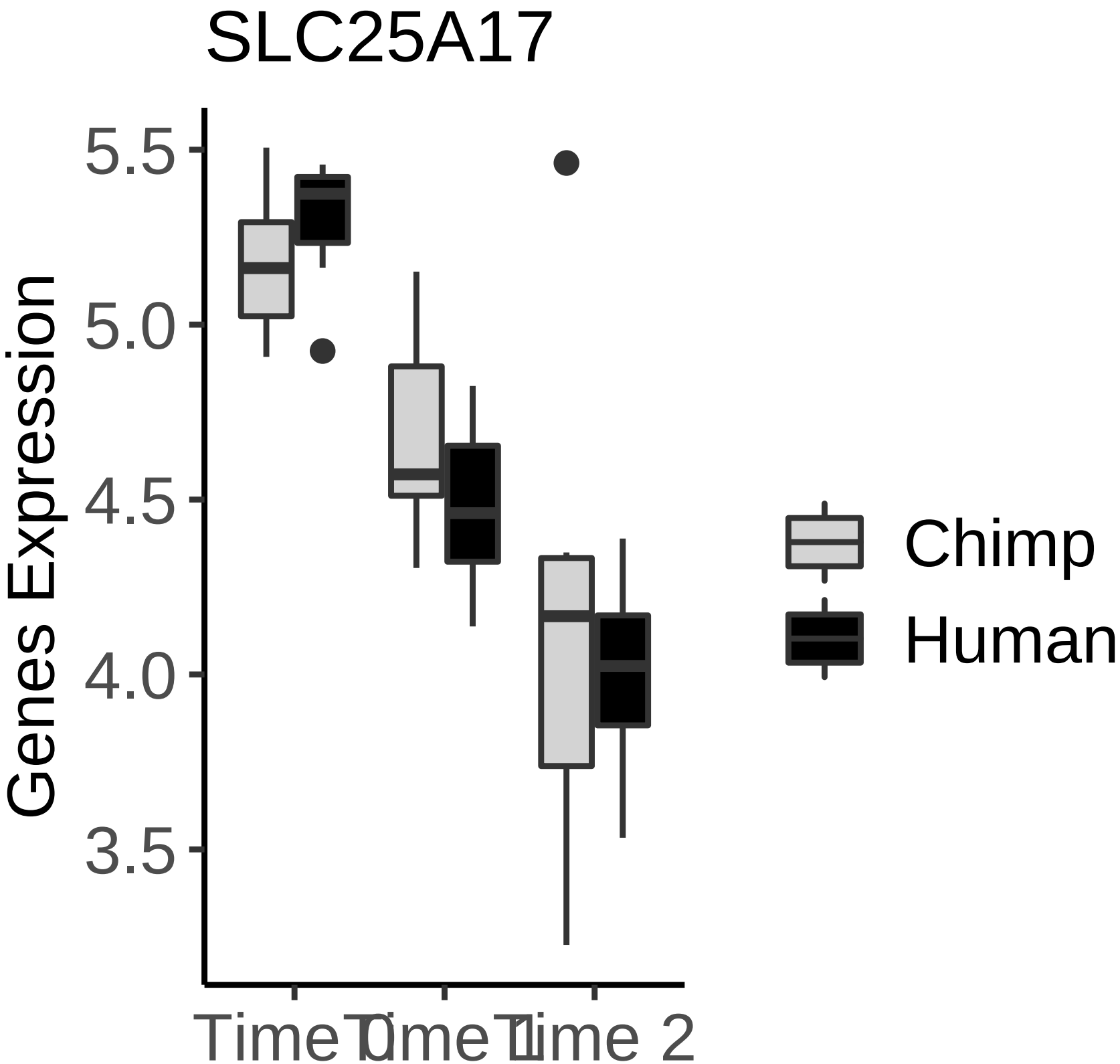
3.5
3.0
Time 0
Time 1
Time 2
Chimp
Human


SLC25A15
Genes Expression
4
3
2
1
Time 0
Time 1
Time 2
Chimp
Human


SLC25A17
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3.5
Time 0
Time 1
Time 2
Chimp
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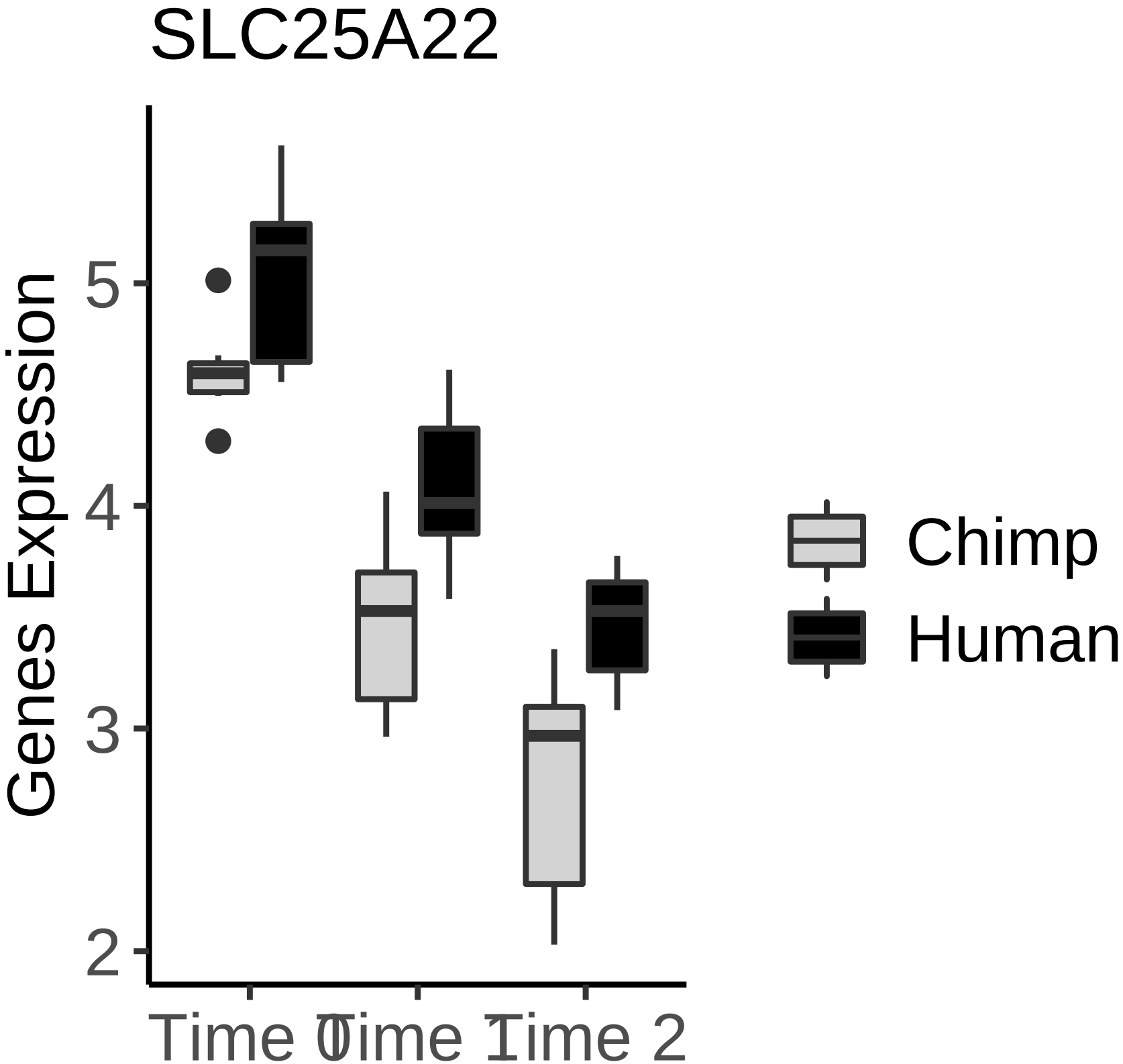
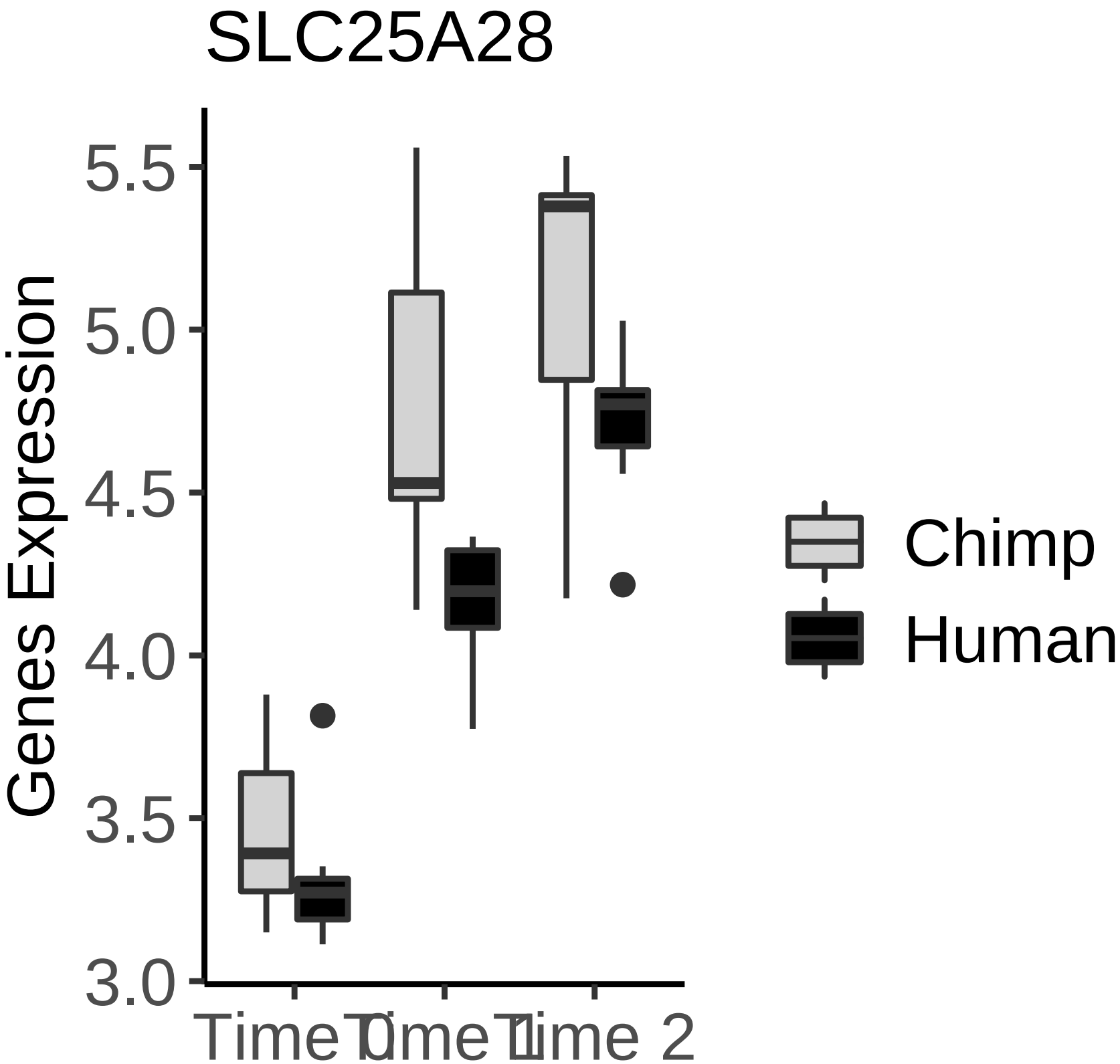

SLC25A22
Genes Expression
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
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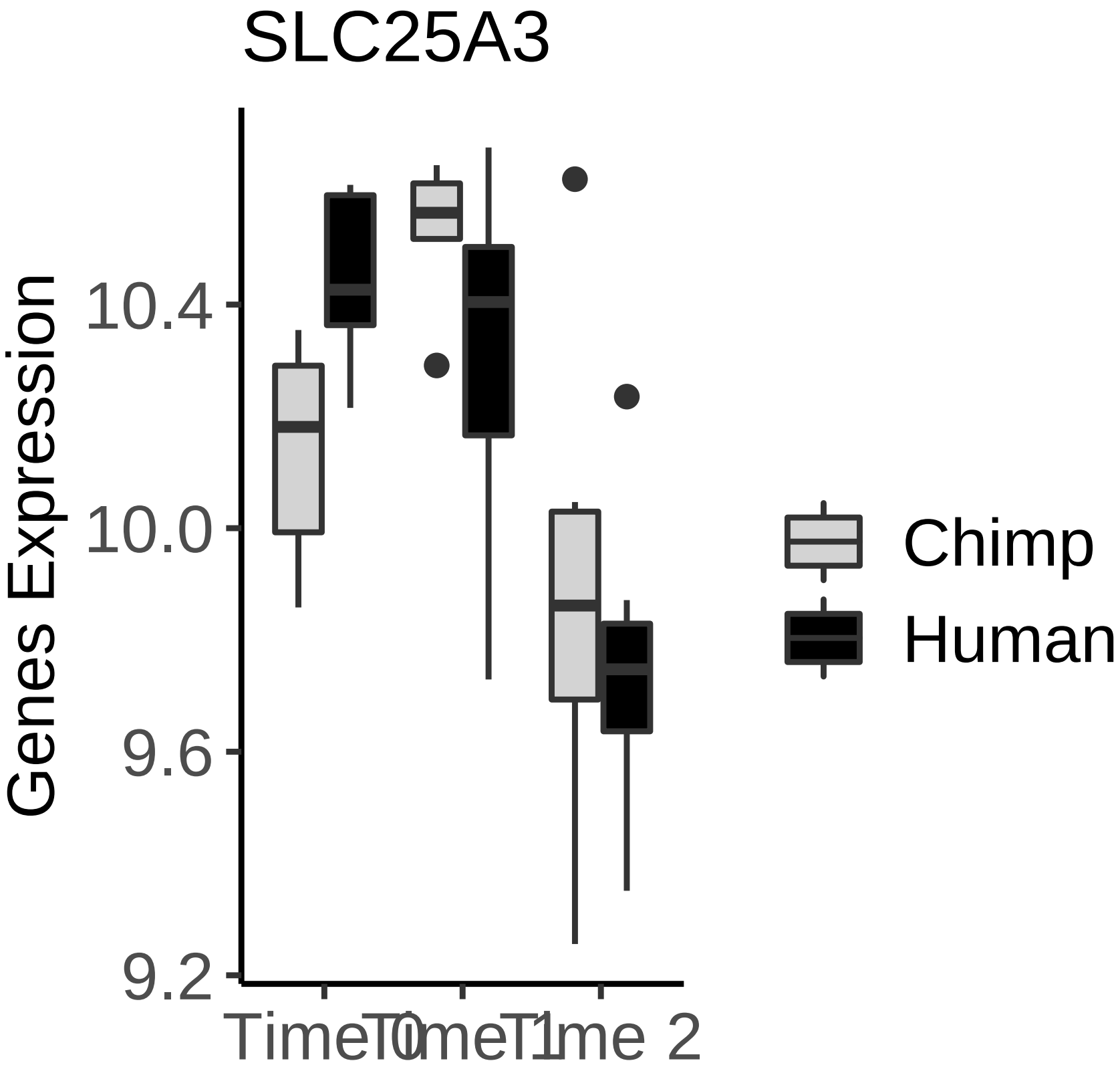
4.0
3.5
3.0
Time 0
Time 1
Time 2
Chimp
Human


SLC25A3
Genes Expression
10.4
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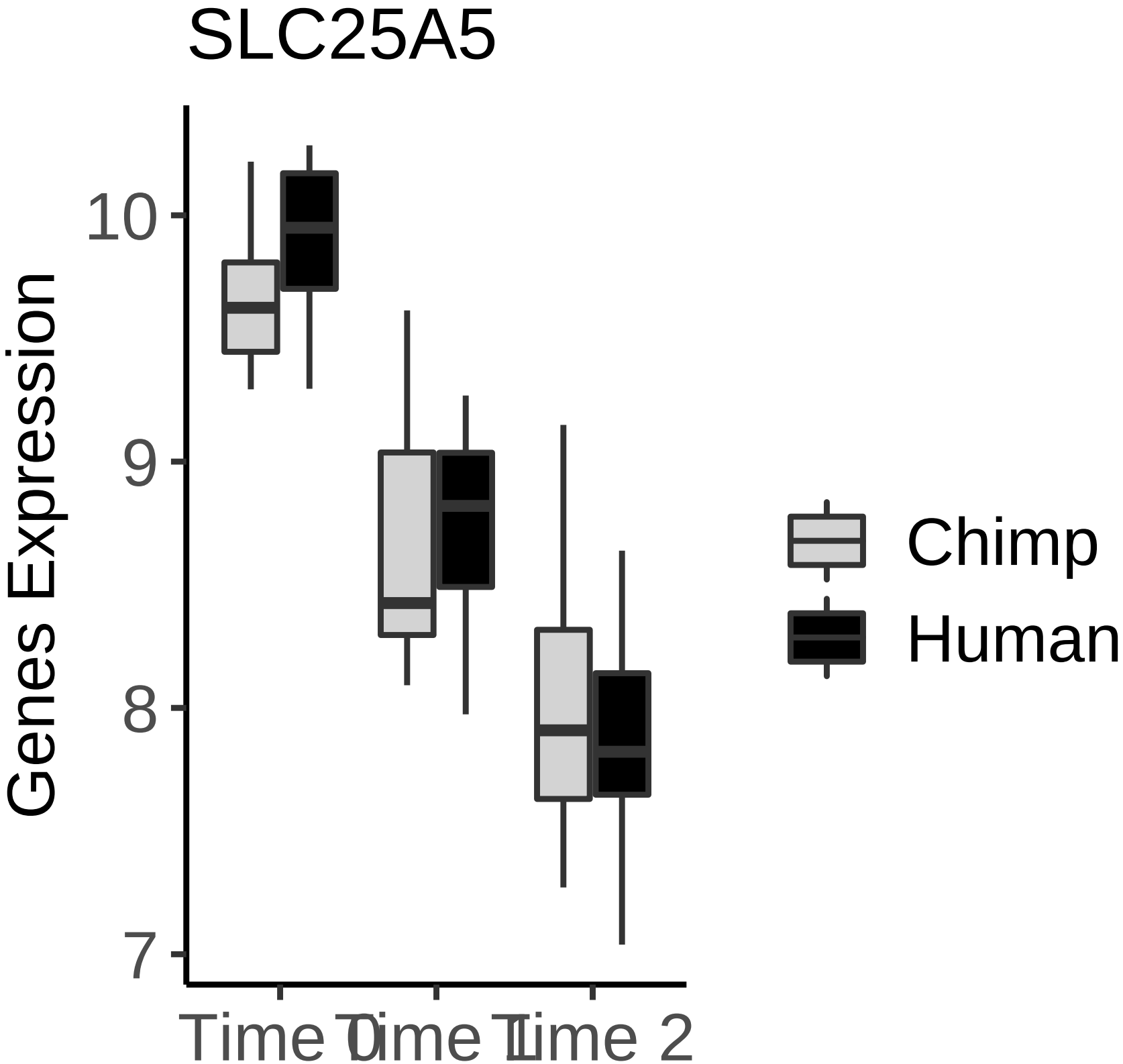
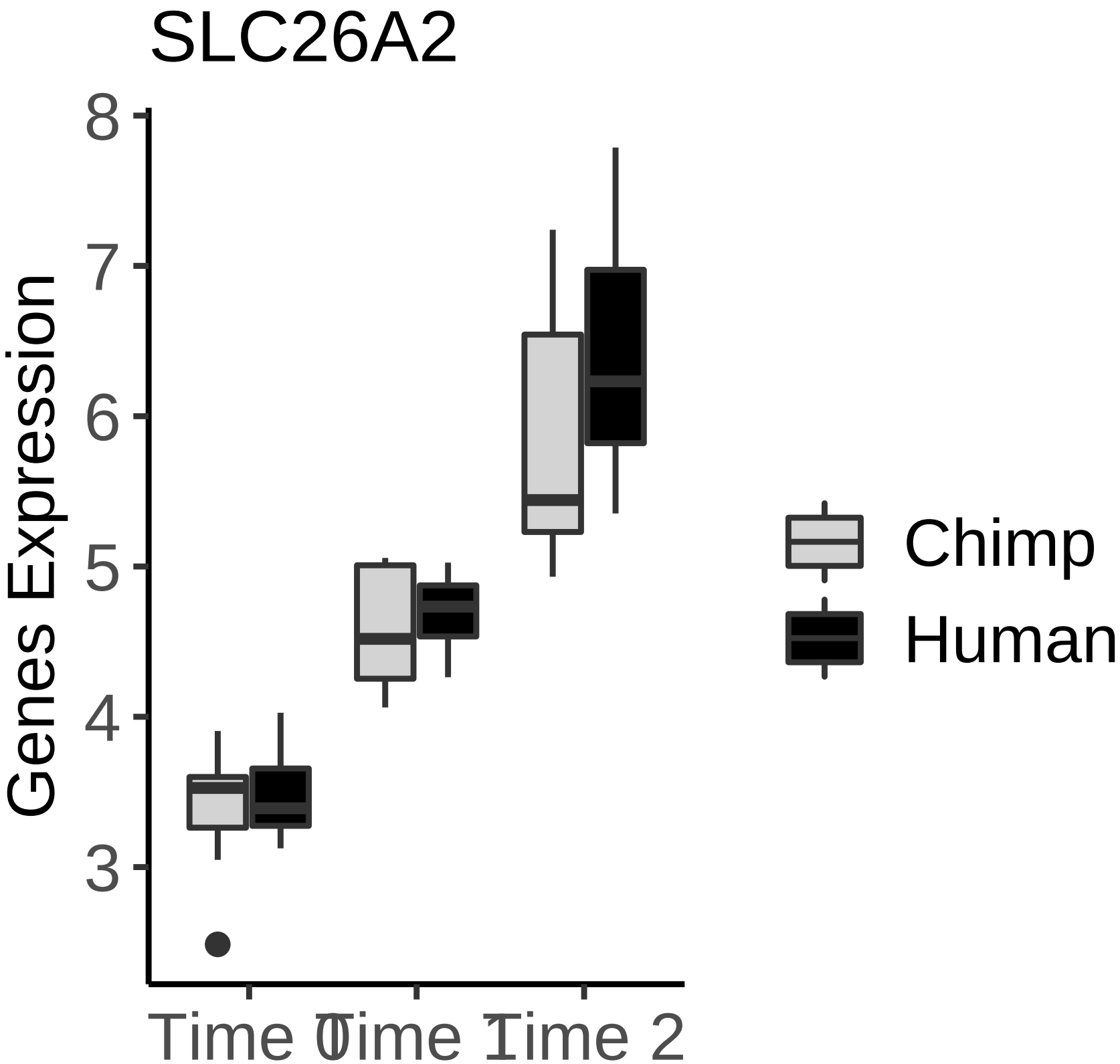
9.2
Time 0
Time 1
Time 2
Chimp
Human


SLC25A5
Genes Expression
10
9
8
7
Time 0
Time 1
Time 2
Chimp
Human


SLC26A2
Genes Expression
8
7
6
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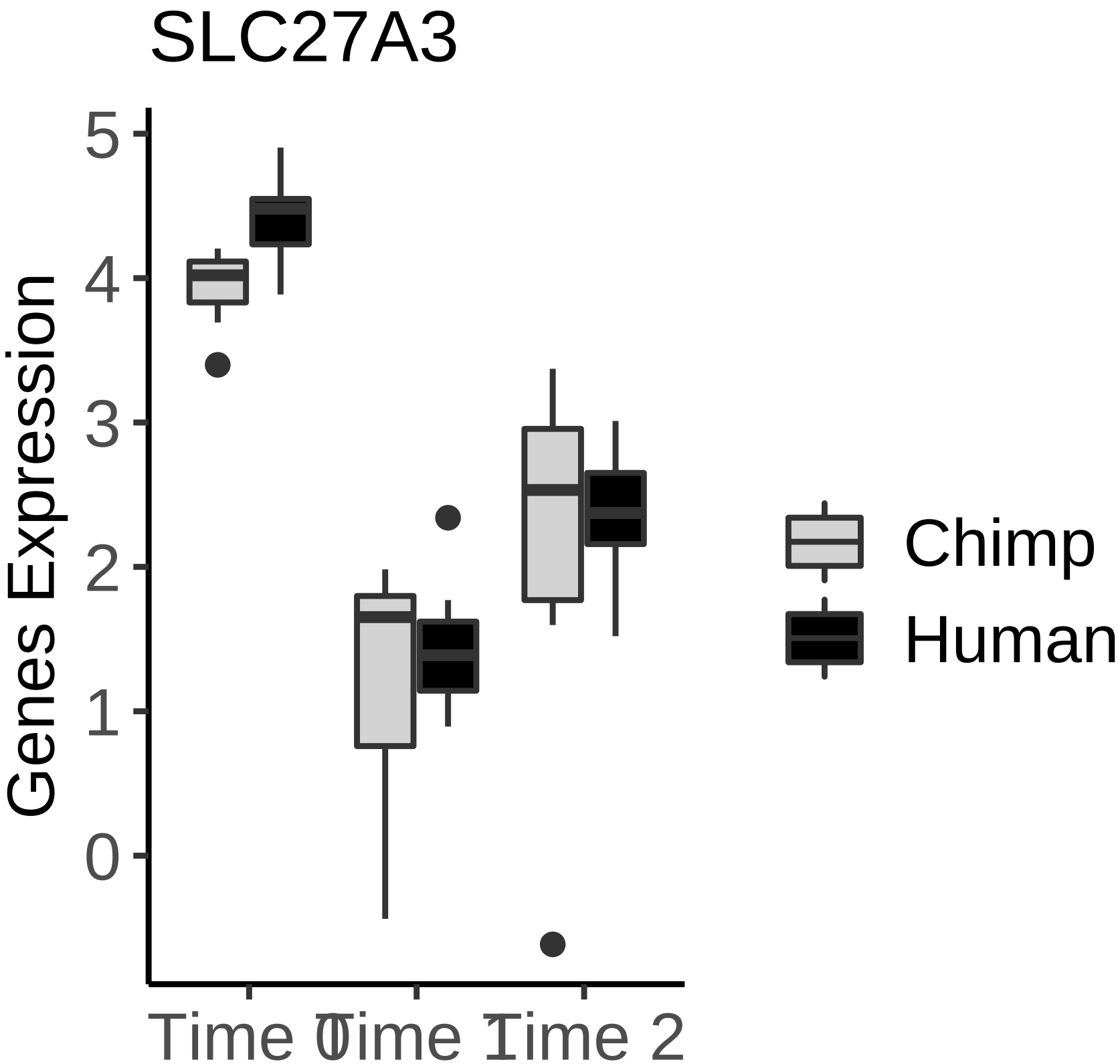
4
3
Time 0
Time 1
Time 2
Chimp
Human


SLC27A3
Genes Expression
5
4
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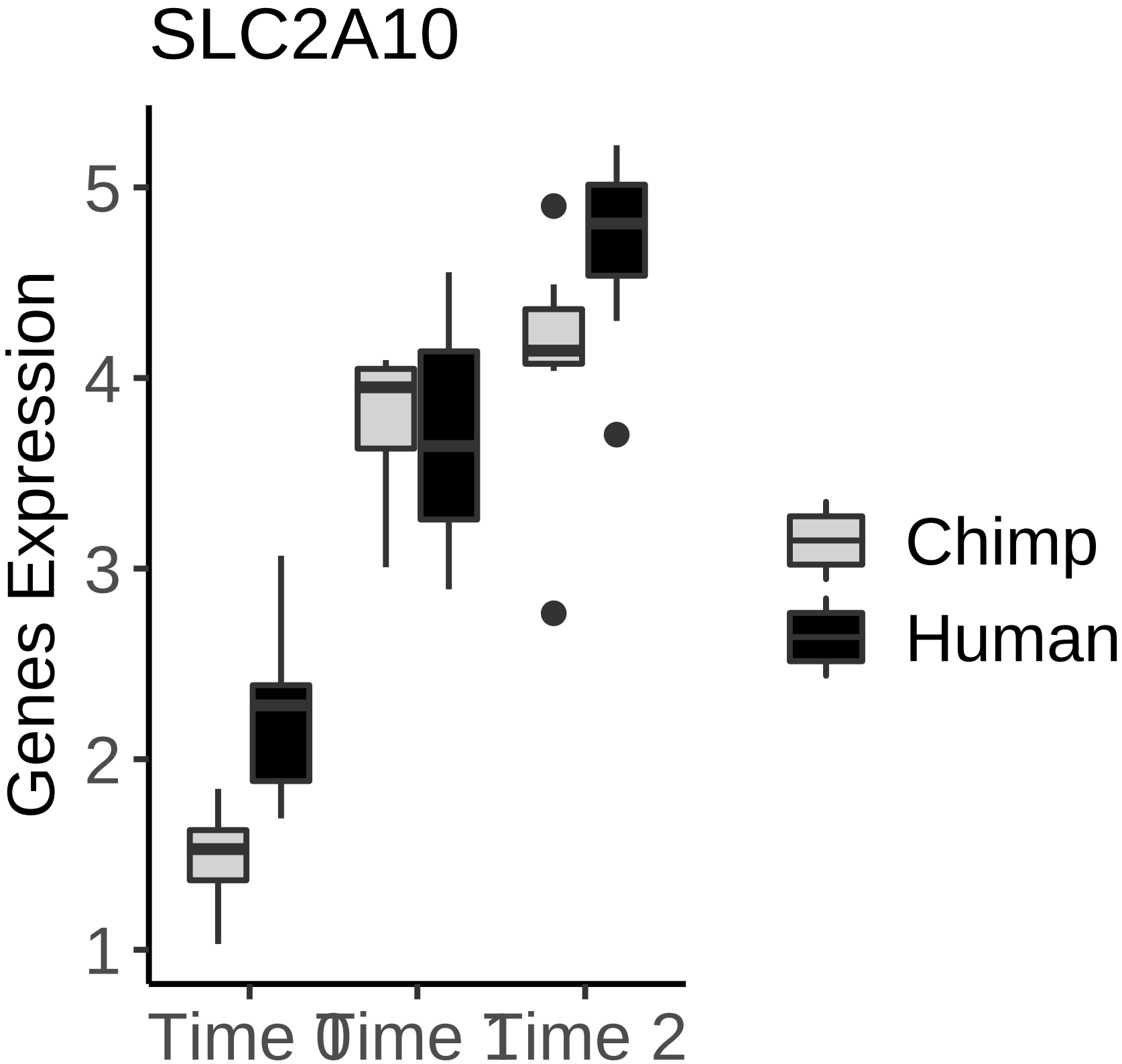
0
Time 0
Time 1
Time 2
Chimp
Human


SLC2A10
Genes Expression
5
4
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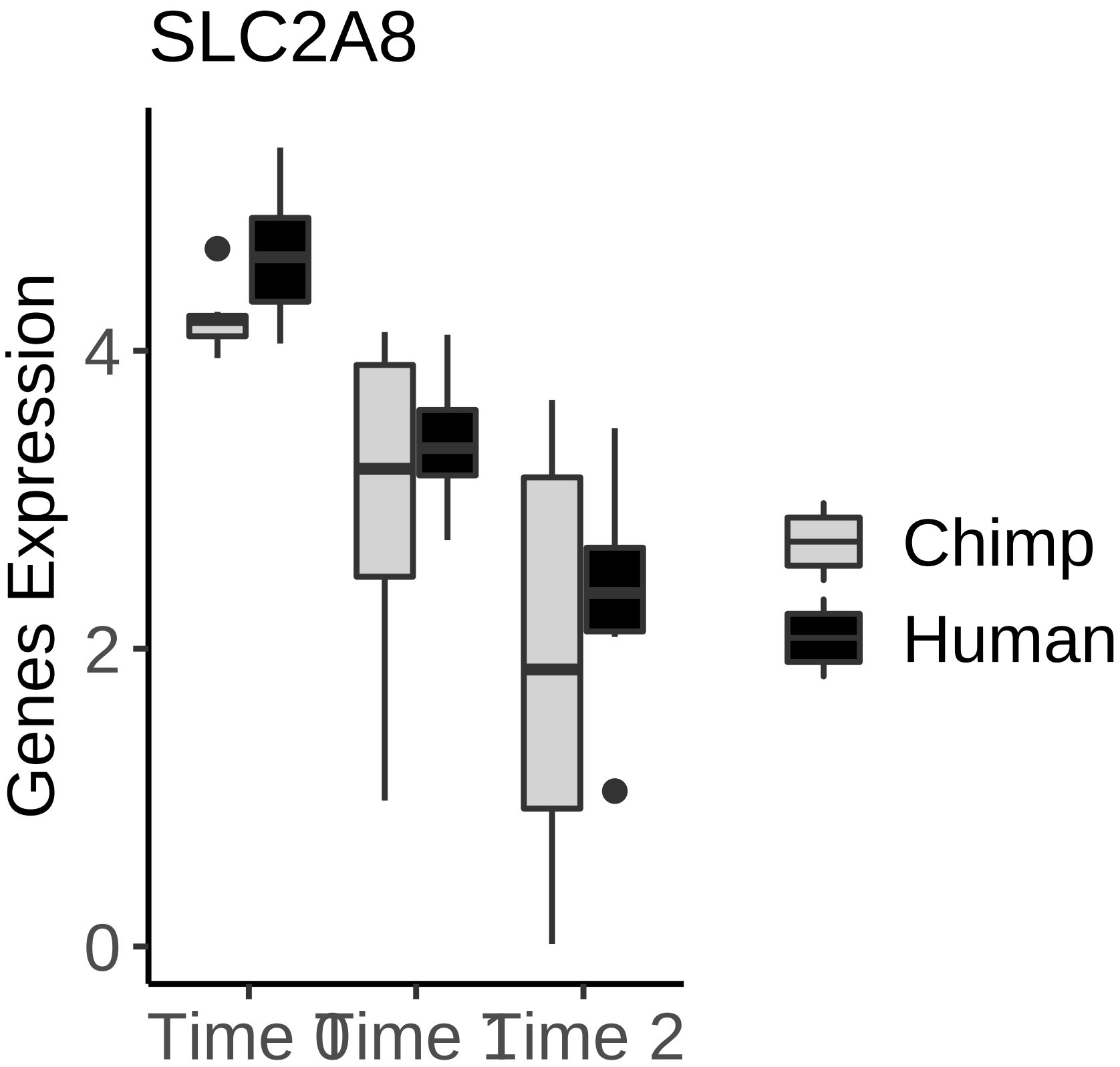
2
1
Time 0
Time 1
Time 2
Chimp
Human


SLC2A8
Genes Expression
4
2
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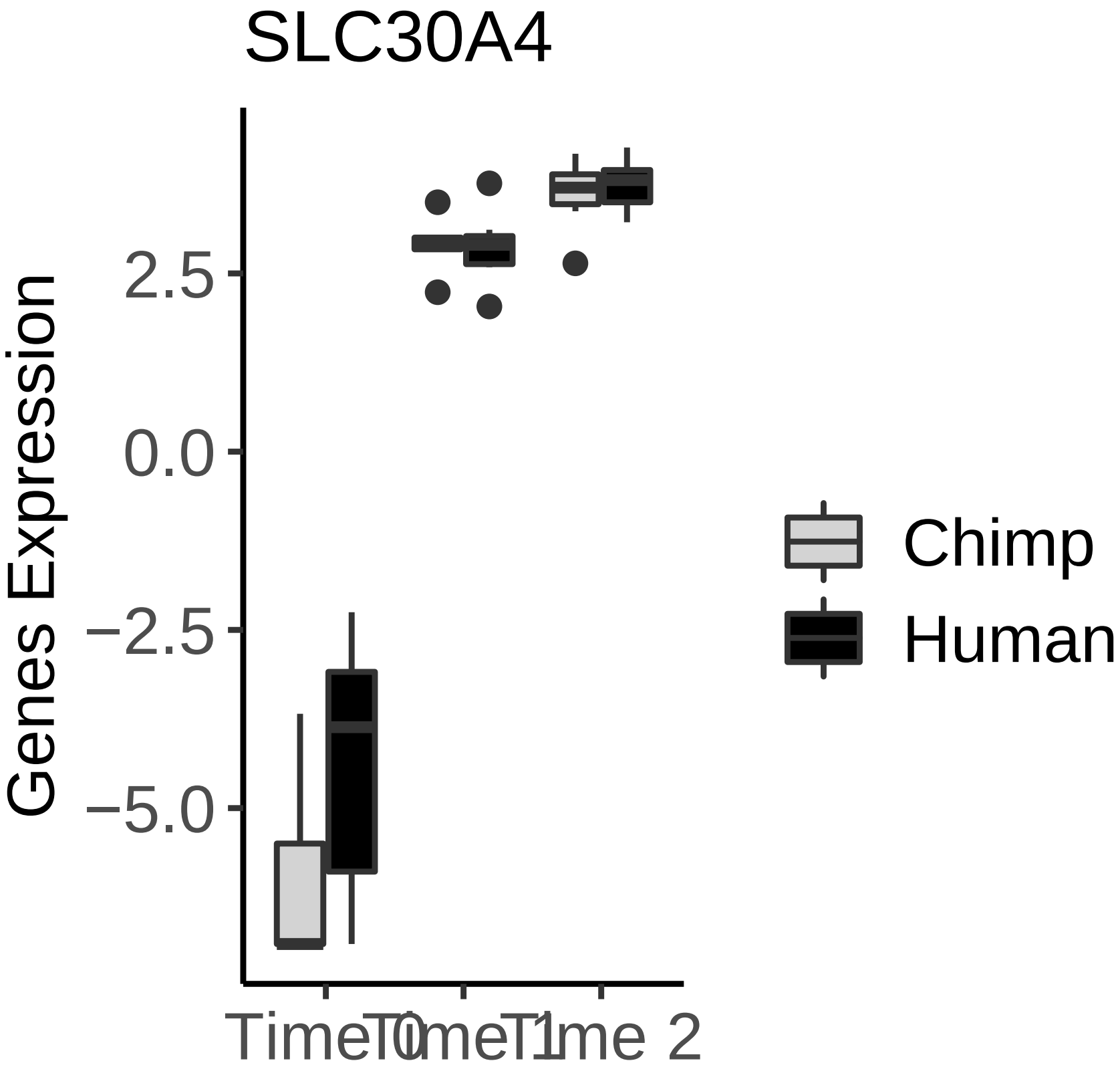
Time 0
Time 1
Time 2
Chimp
Human


SLC30A4
Genes Expression
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−5.0
Time 0
Time 1
Time 2
Chimp
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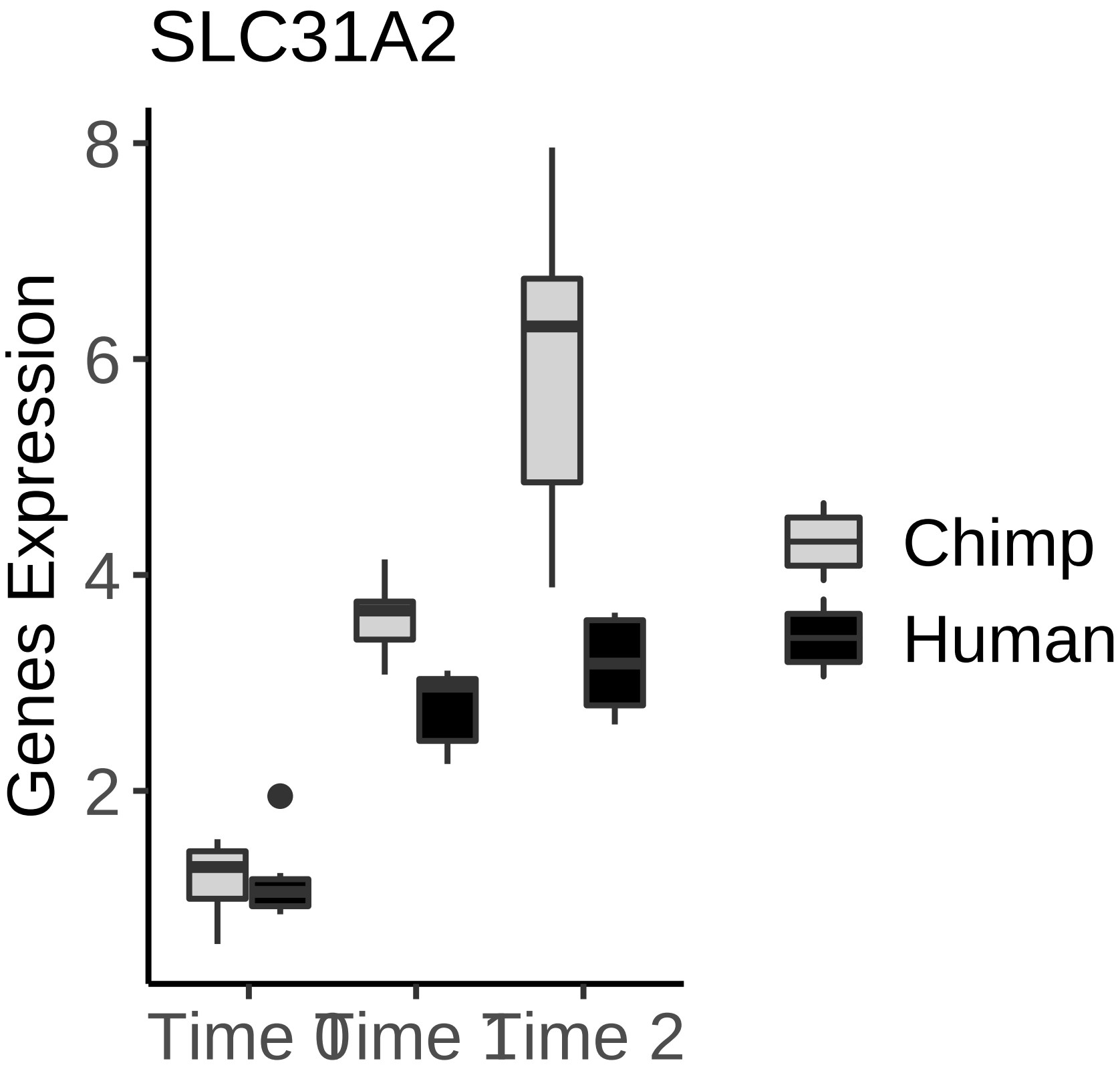
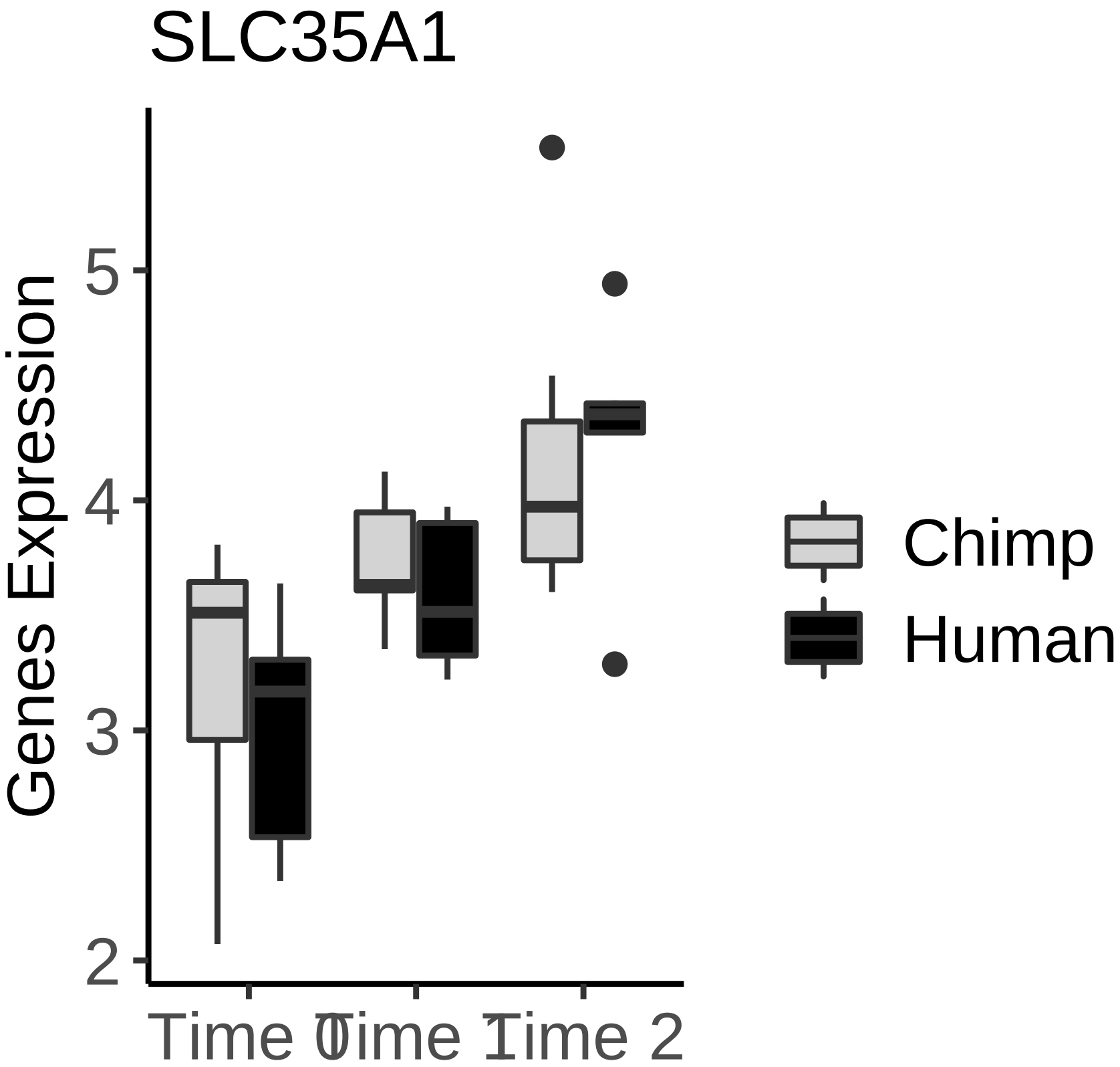
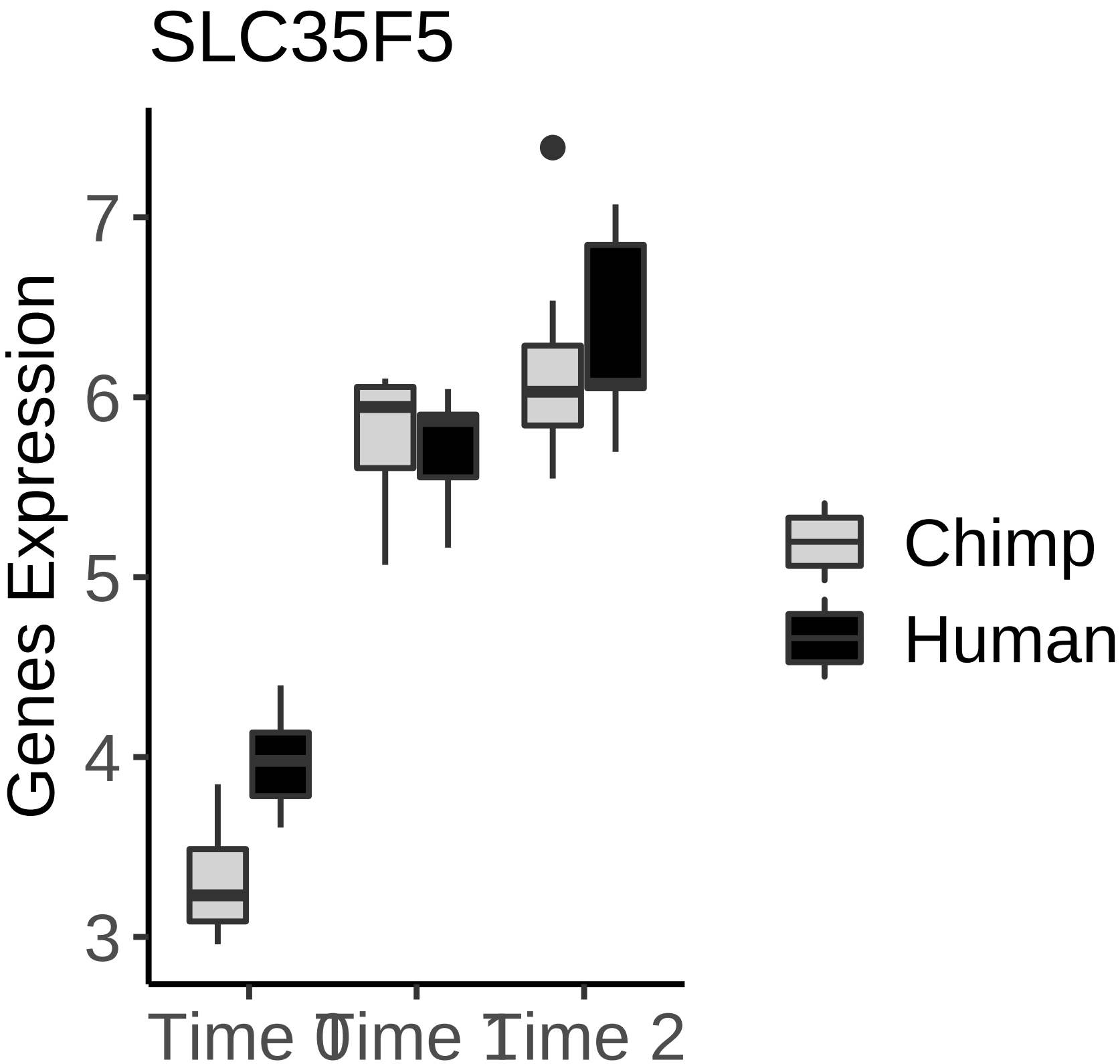
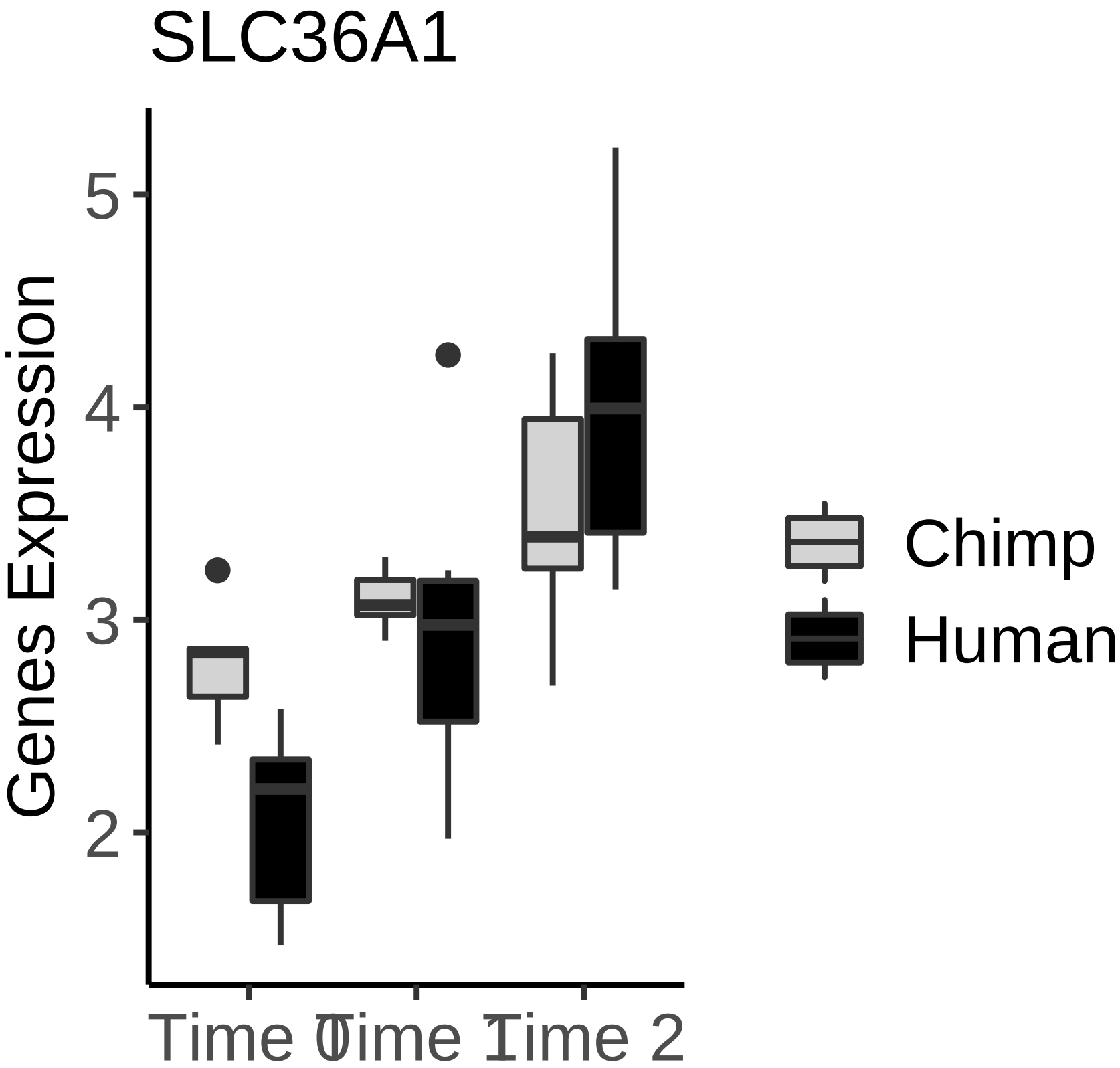
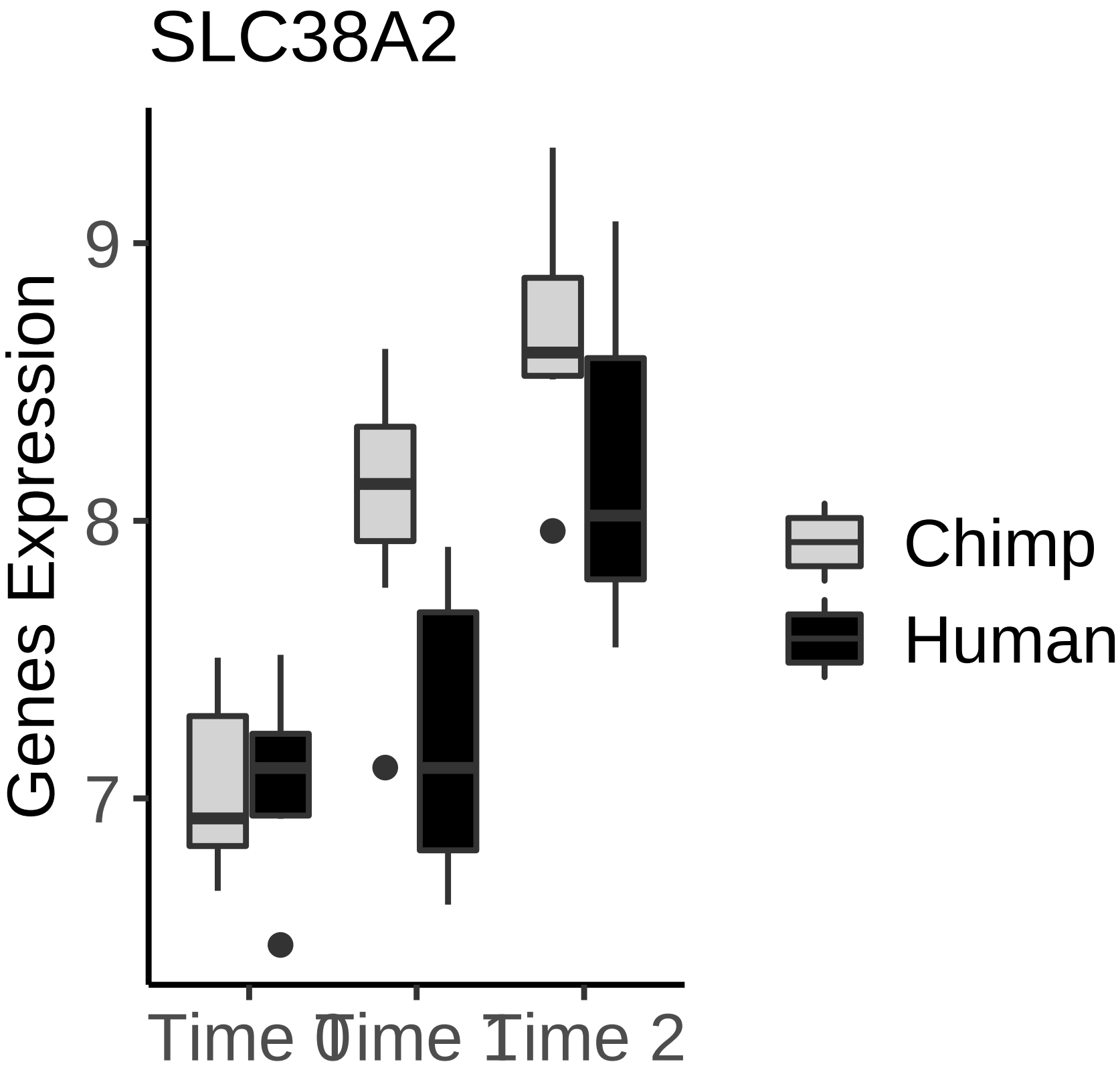
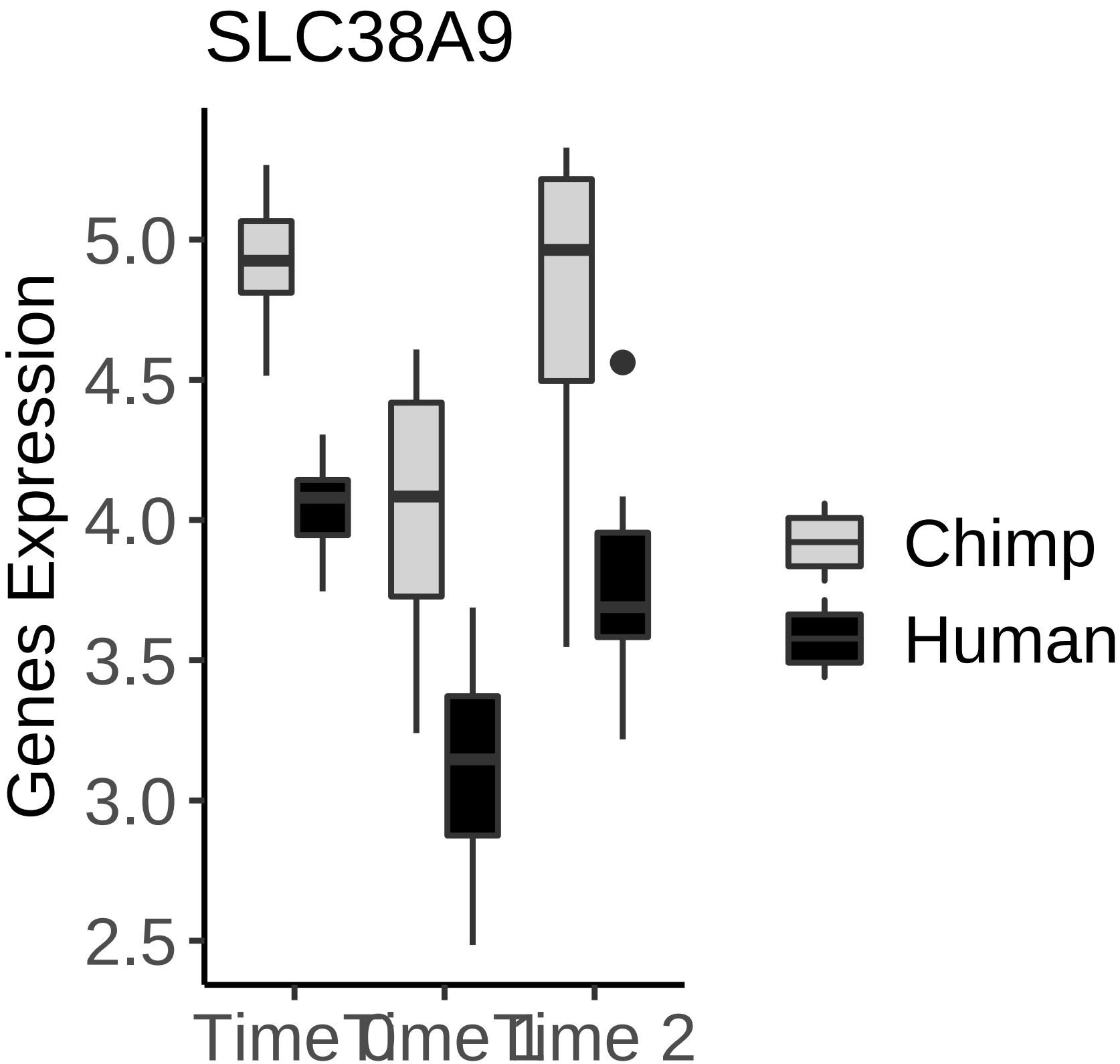

SLC31A2
Genes Expression
8
6
4
2
Time 0
Time 1
Time 2
Chimp
Human


SLC35A1
Genes Expression
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human


SLC35F5
Genes Expression
7
6
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


SLC36A1
Genes Expression
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human


SLC38A2
Genes Expression
9
8
7
Time 0
Time 1
Time 2
Chimp
Human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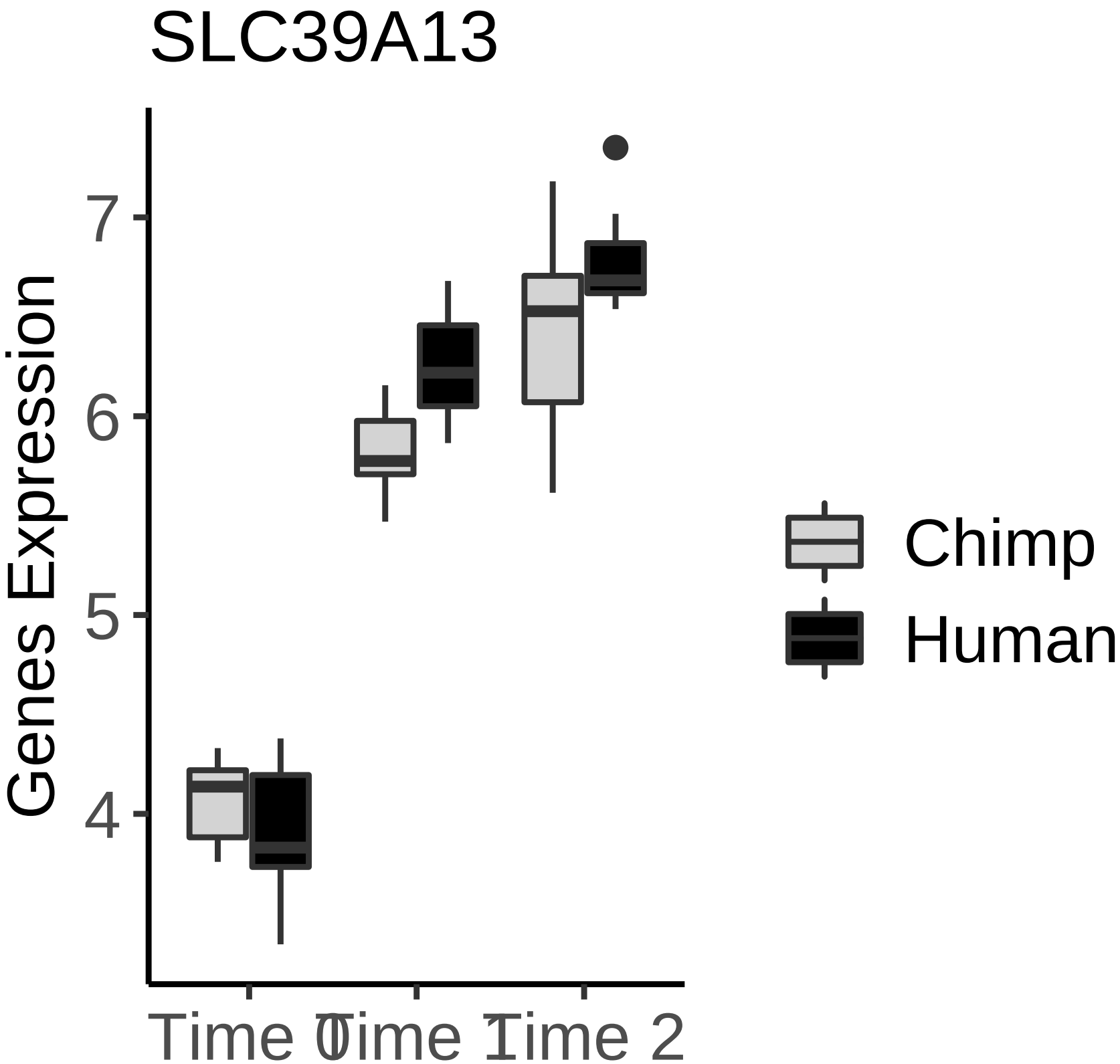
5.0
4.5
4.0
3.5
3.0
2.5
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
7
6
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4
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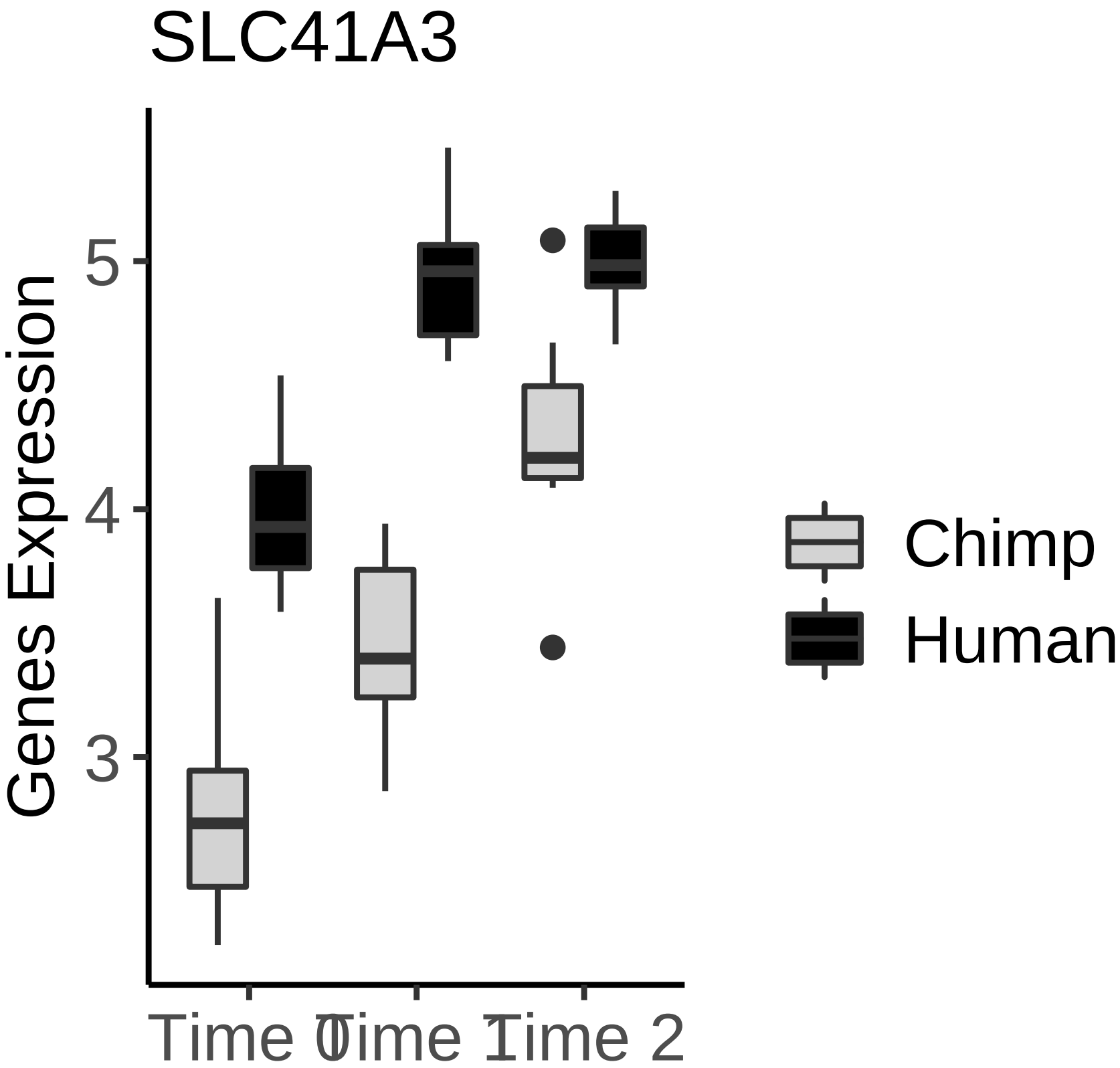
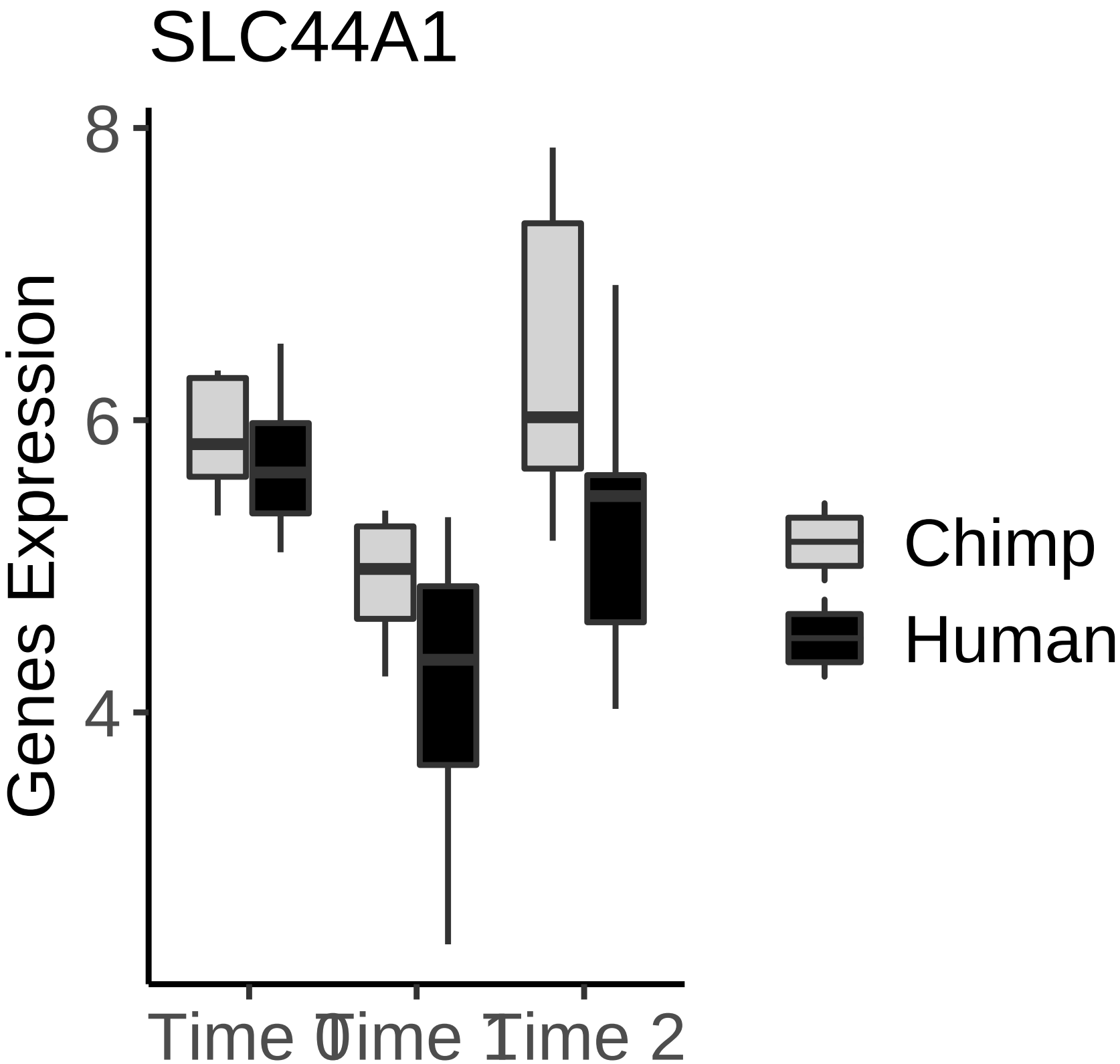
Time 1
Time 2
Chimp
Human


SLC41A3
Genes Expression
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


SLC44A1
Genes Expression
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6
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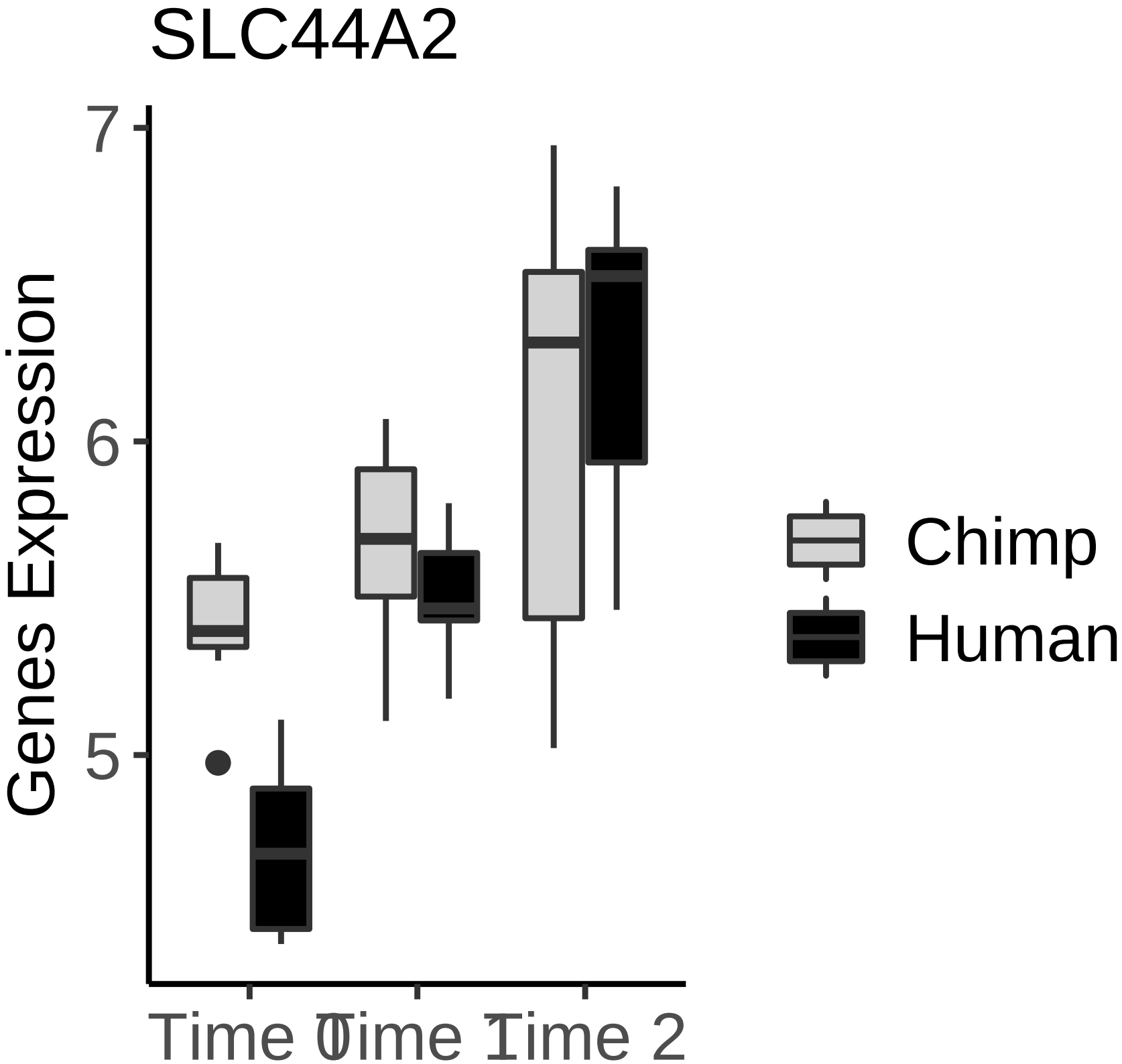
Time 1
Time 2
Chimp
Human


SLC44A2
Genes Expression
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6
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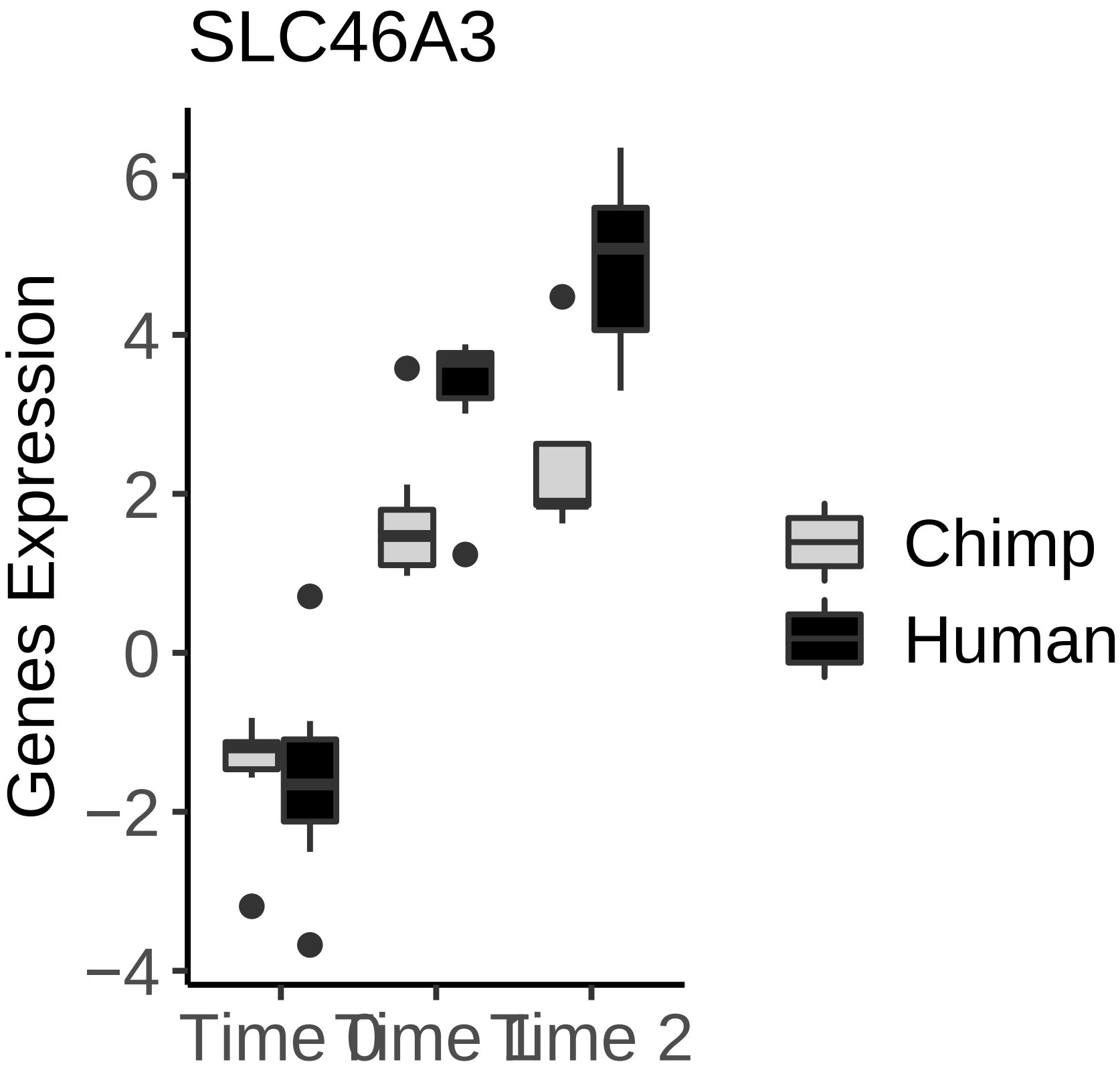
Time 1
Time 2
Chimp
Human


SLC46A3
Genes Expression
6
4
2
0
−2
−4
Time 0
Time 1
Time 2
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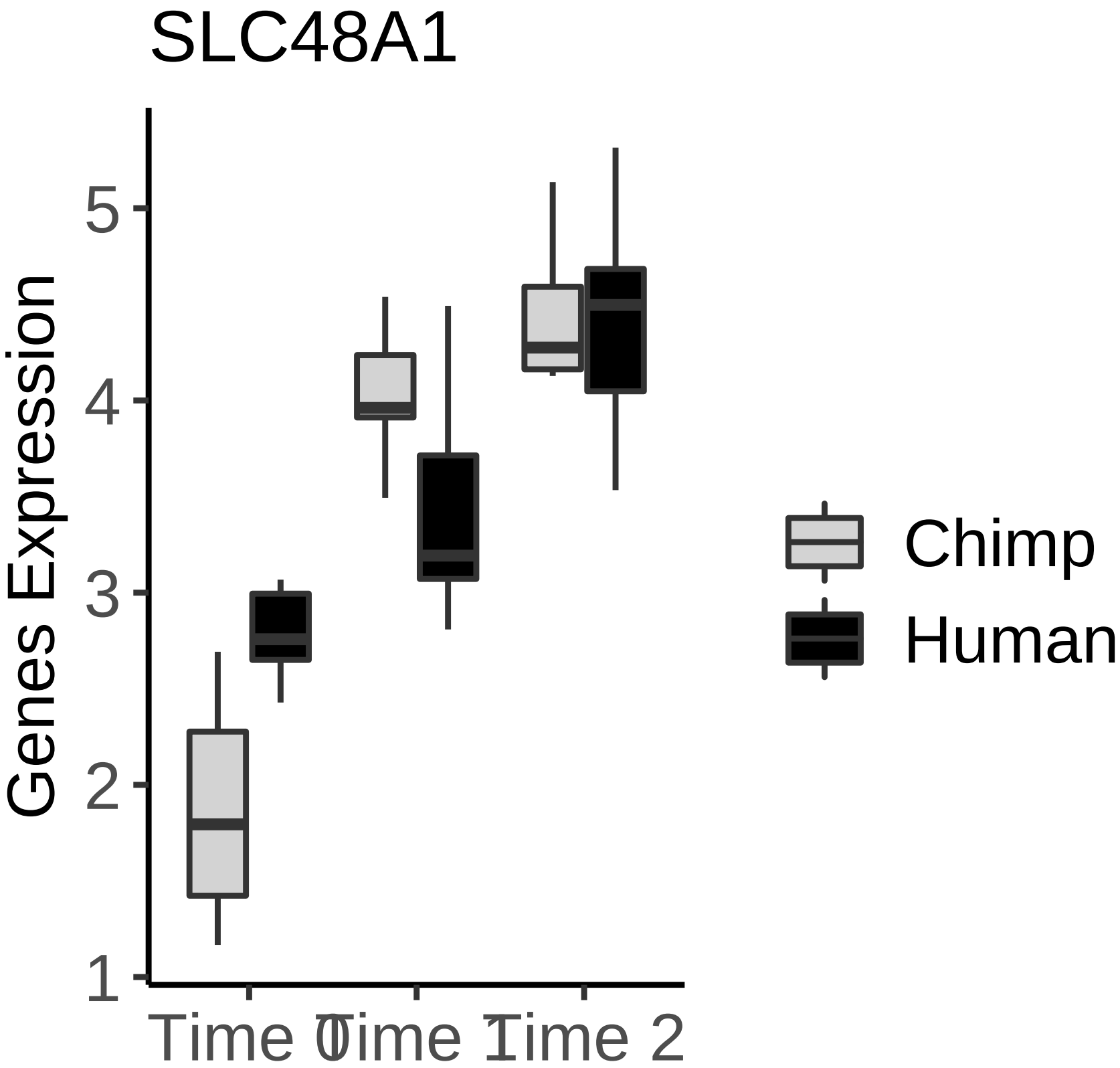
SLC48A1
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4
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2
1
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Time 1
Time 2
Chimp
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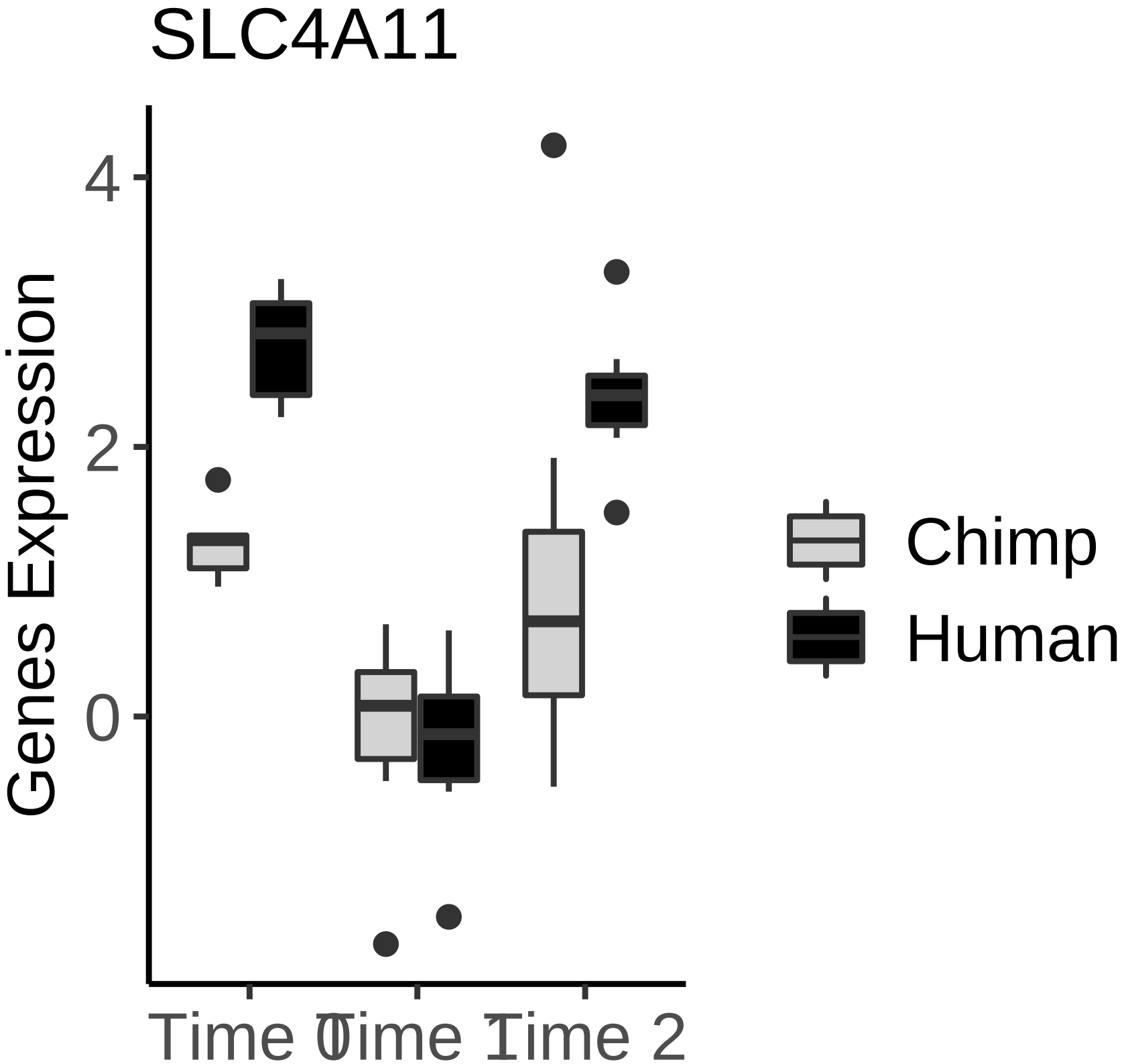
SLC4A11
Genes Expression
4
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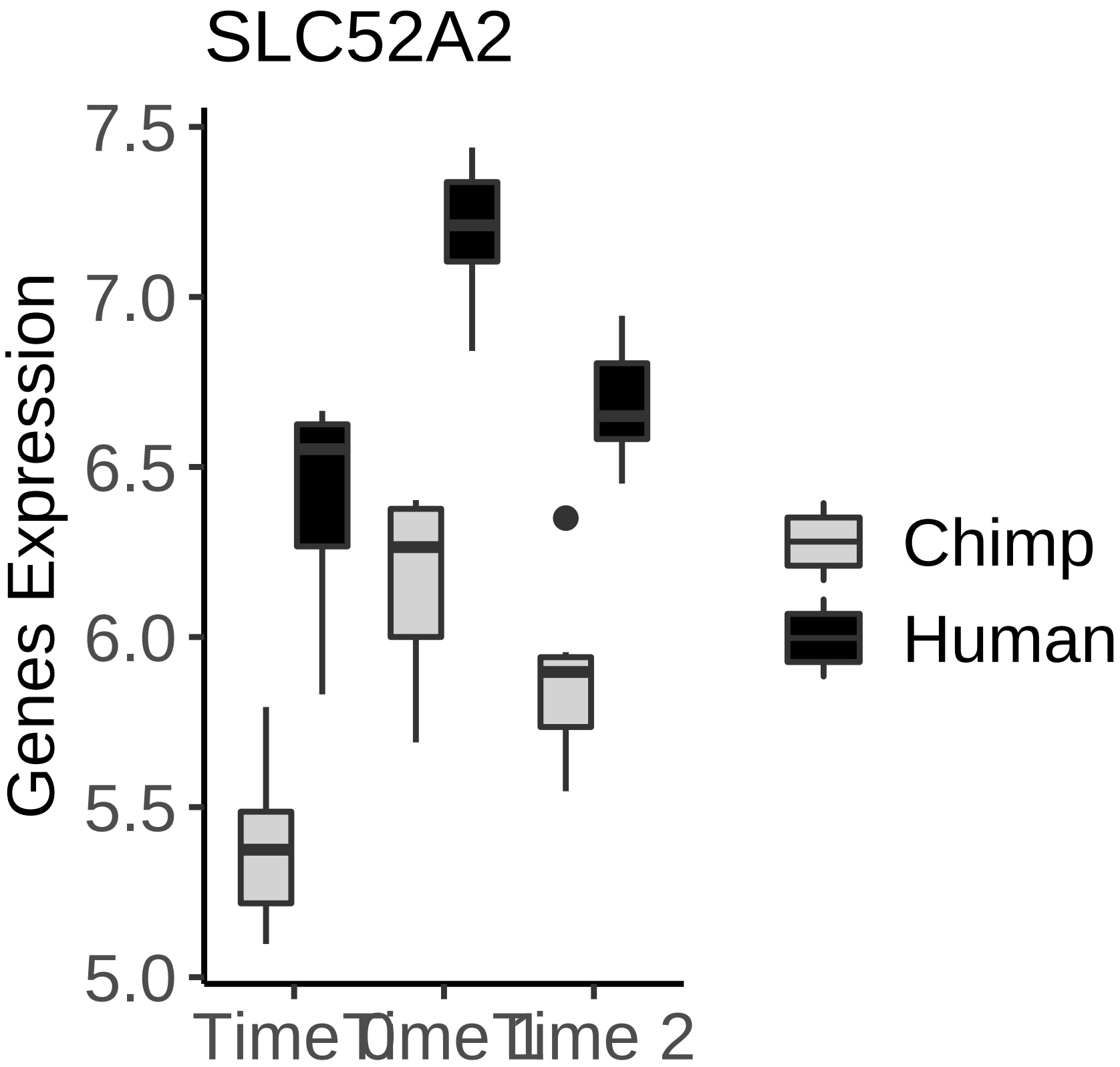
Time 2
Chimp
Human


SLC52A2
Genes Expression
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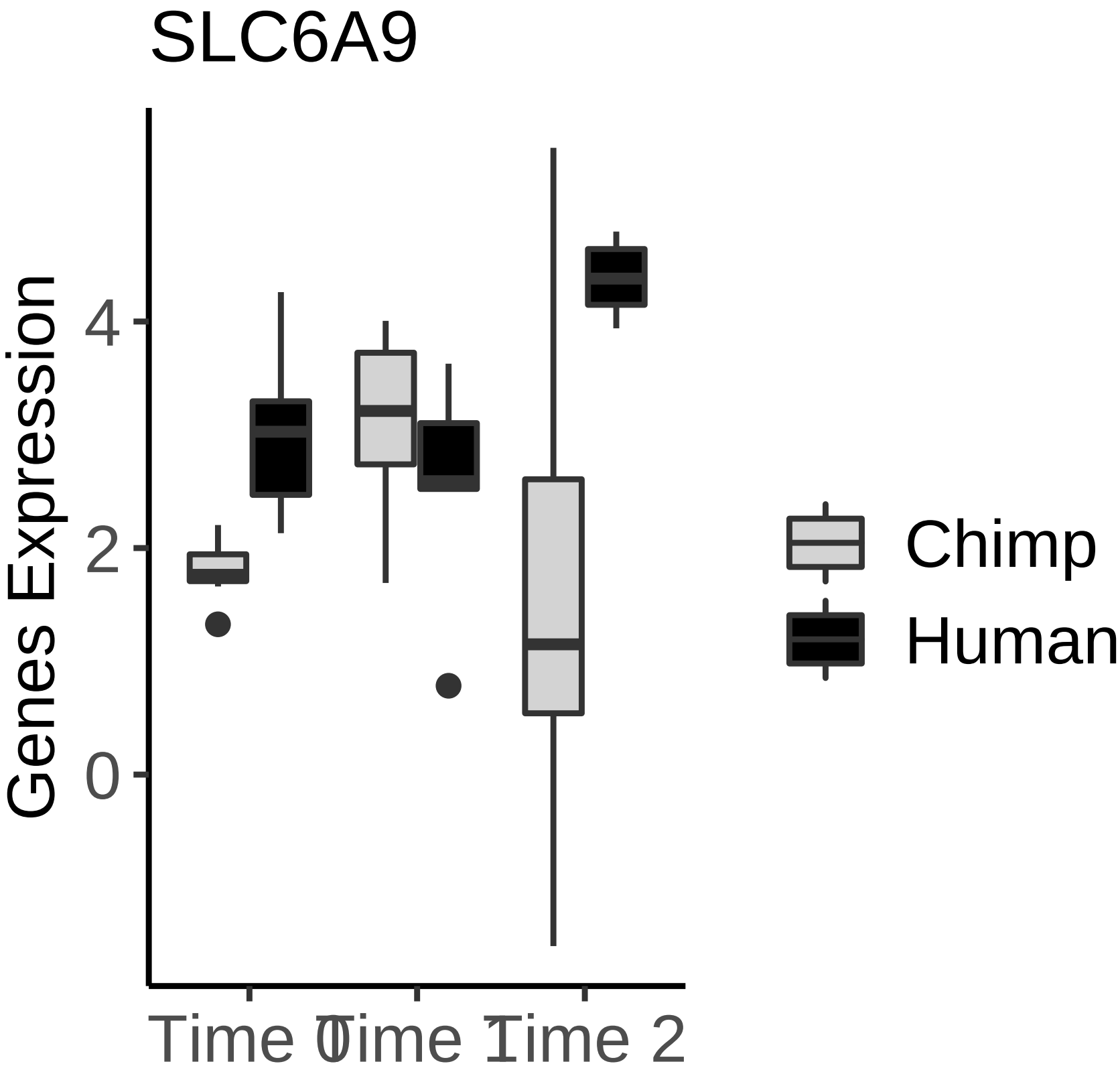
7.0
6.5
6.0
5.5
5.0
Time 0
Time 1
Time 2
Chimp
Human


SLC6A9
Genes Expression
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Chimp
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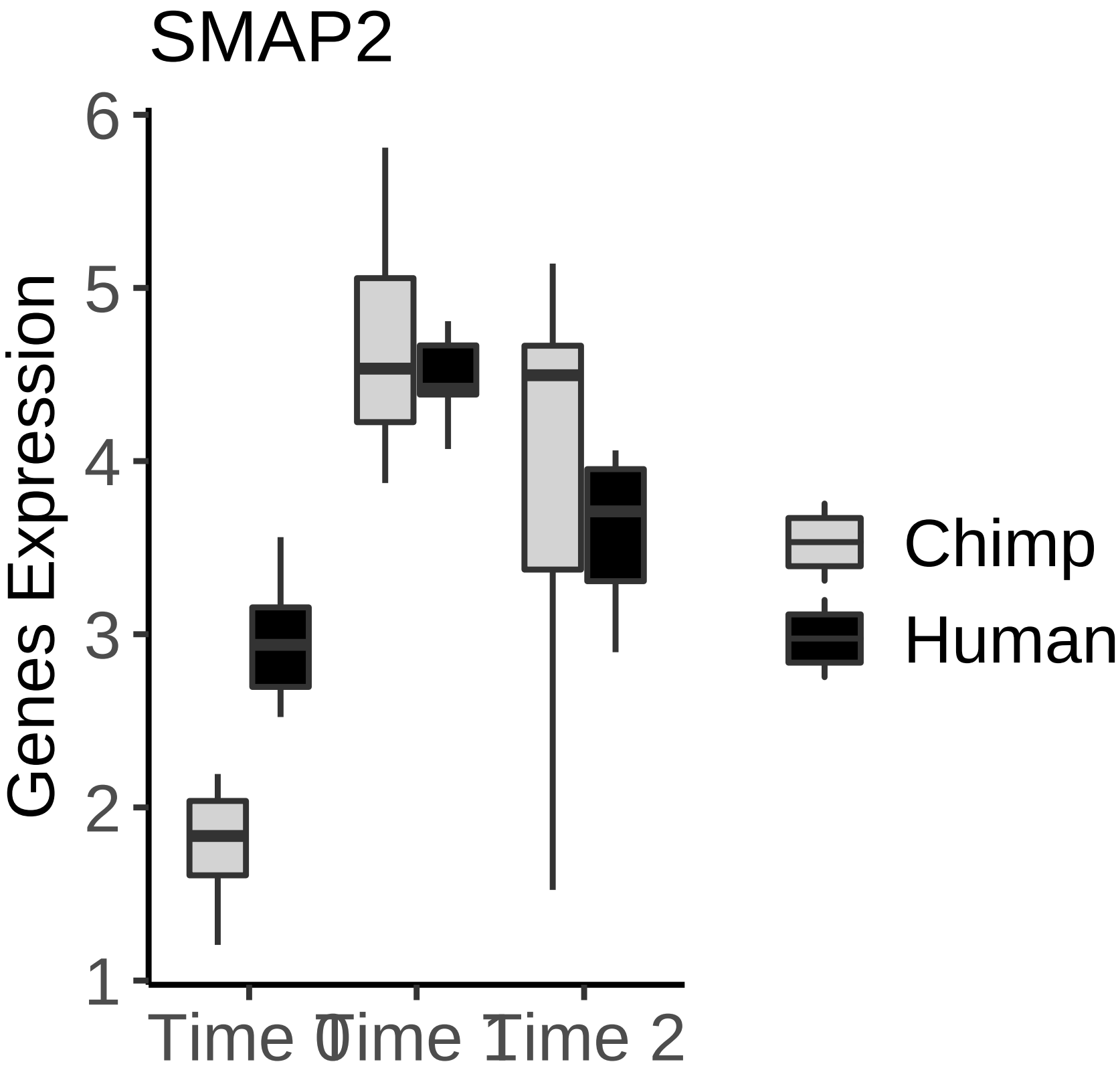
SMAP2
Genes Expression
6
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4
3
2
1
Time 0
Time 1
Time 2
Chimp
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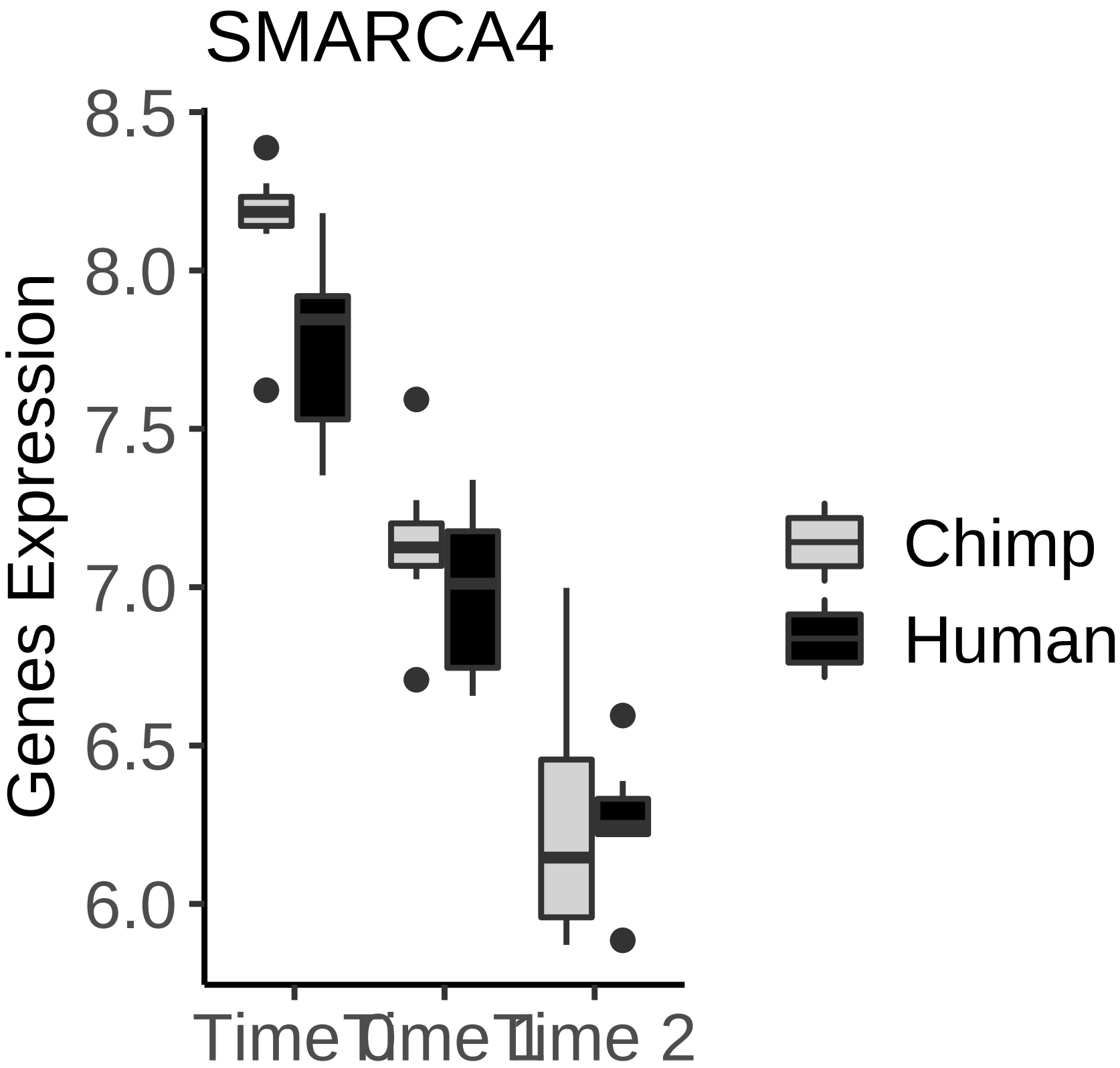
SMARCA4
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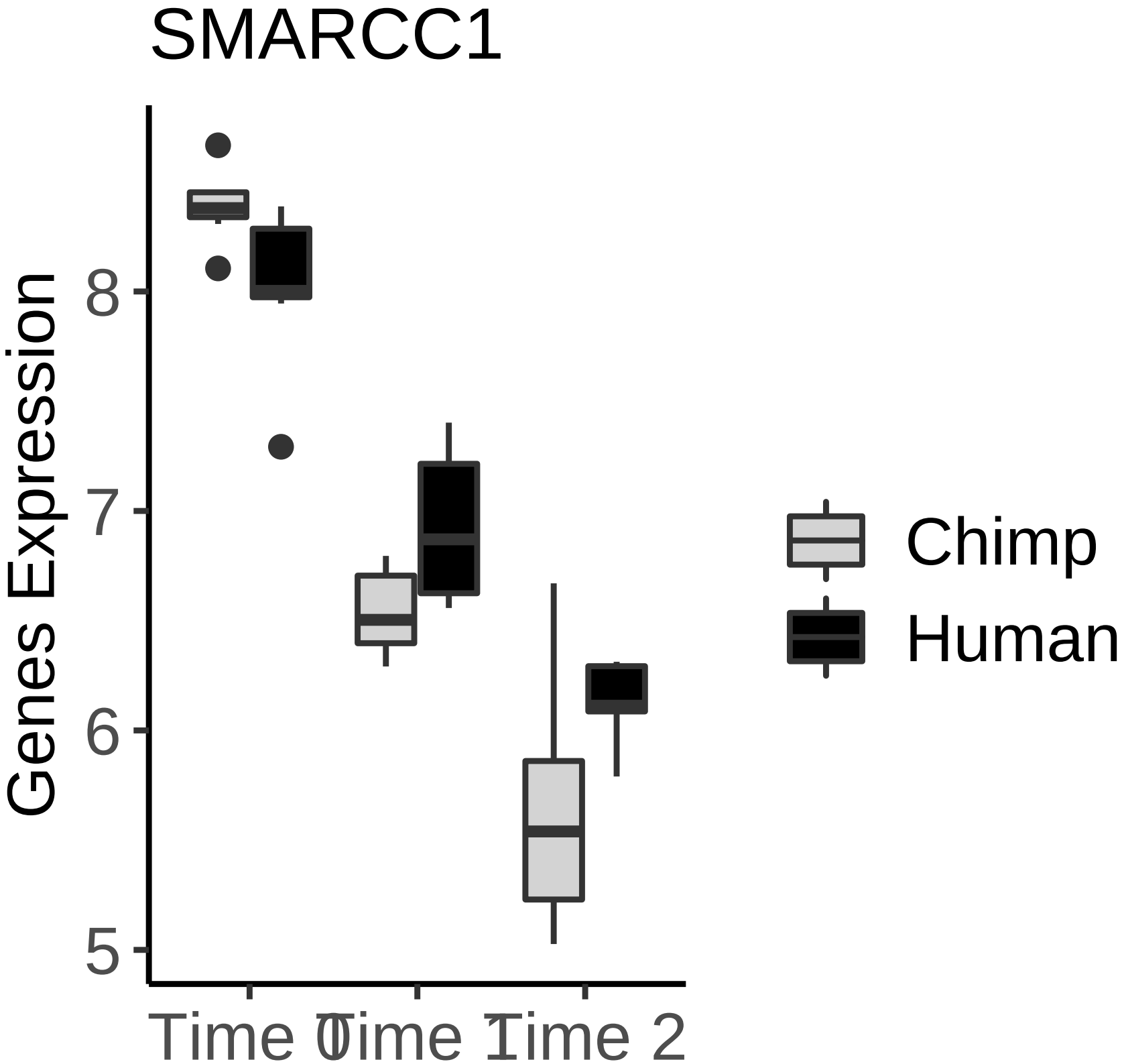
7.0
6.5
6.0
Time 0
Time 1
Time 2
Chimp
Human


SMARCC1
Genes Expression
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6
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Time 0
Time 1
Time 2
Chimp
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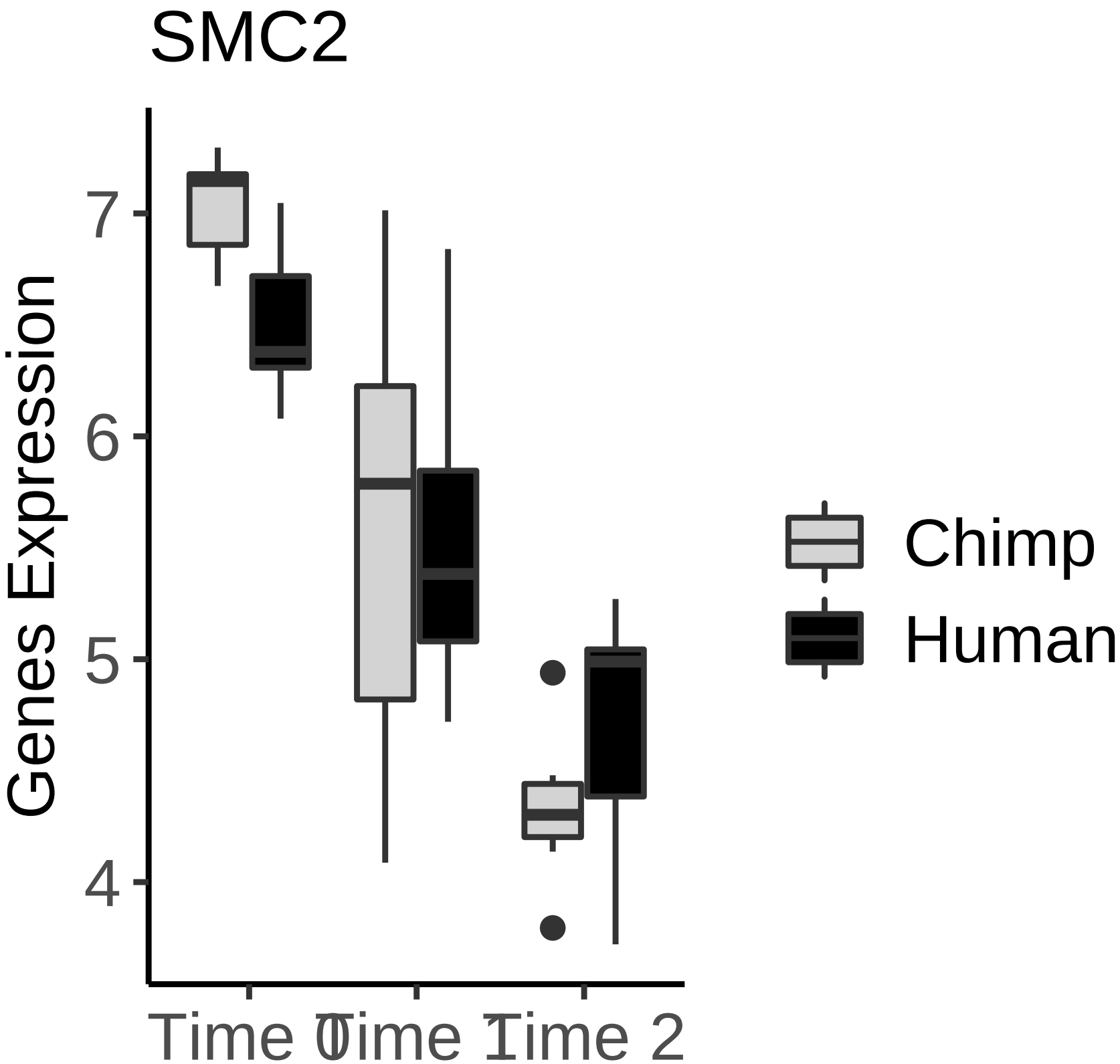
SMC2
Genes Expression
7
6
5
4
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Time 1
Time 2
Chimp
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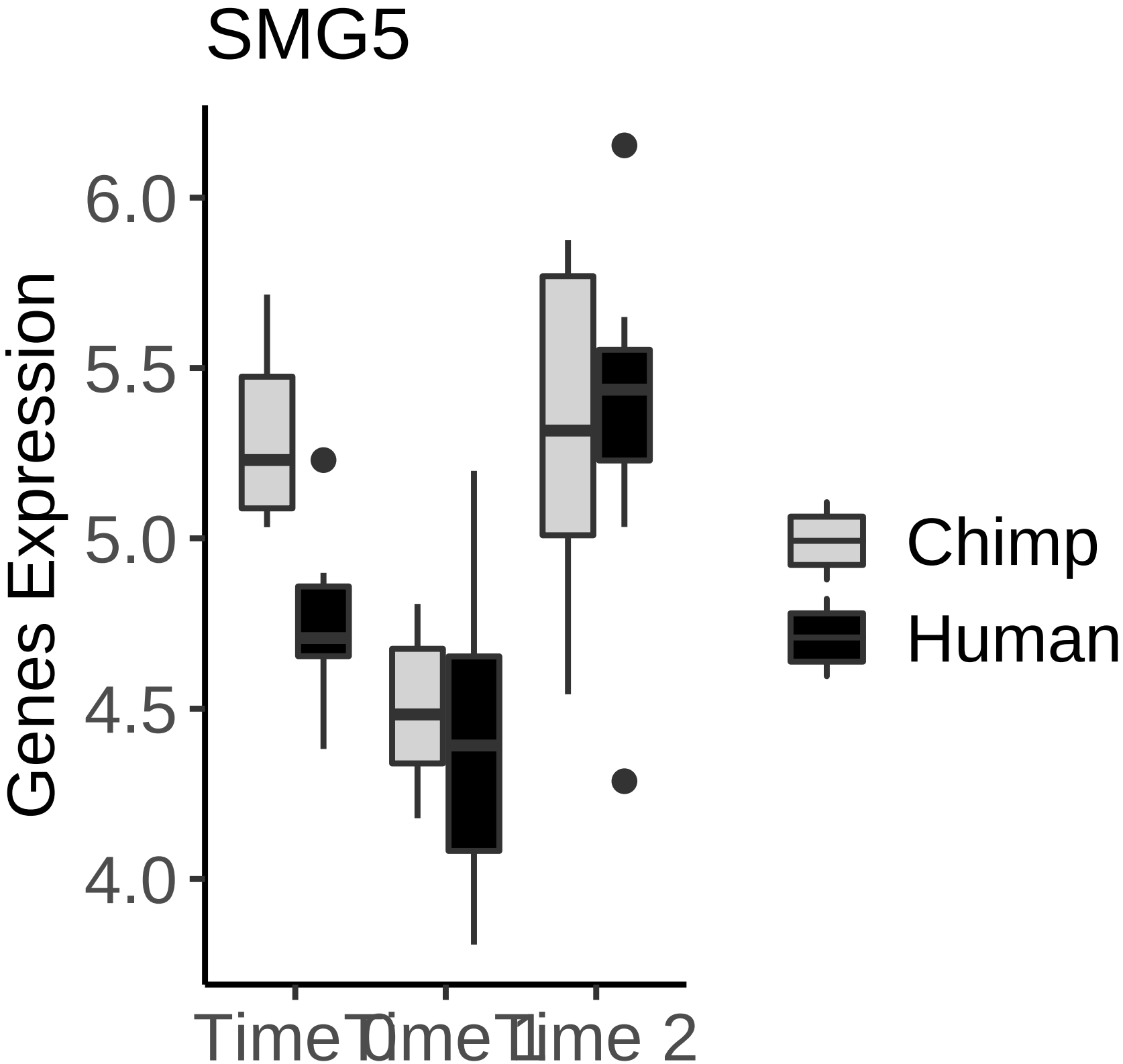
SMG5
Genes Expression
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4.5
4.0
Time 0
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Time 2
Chimp
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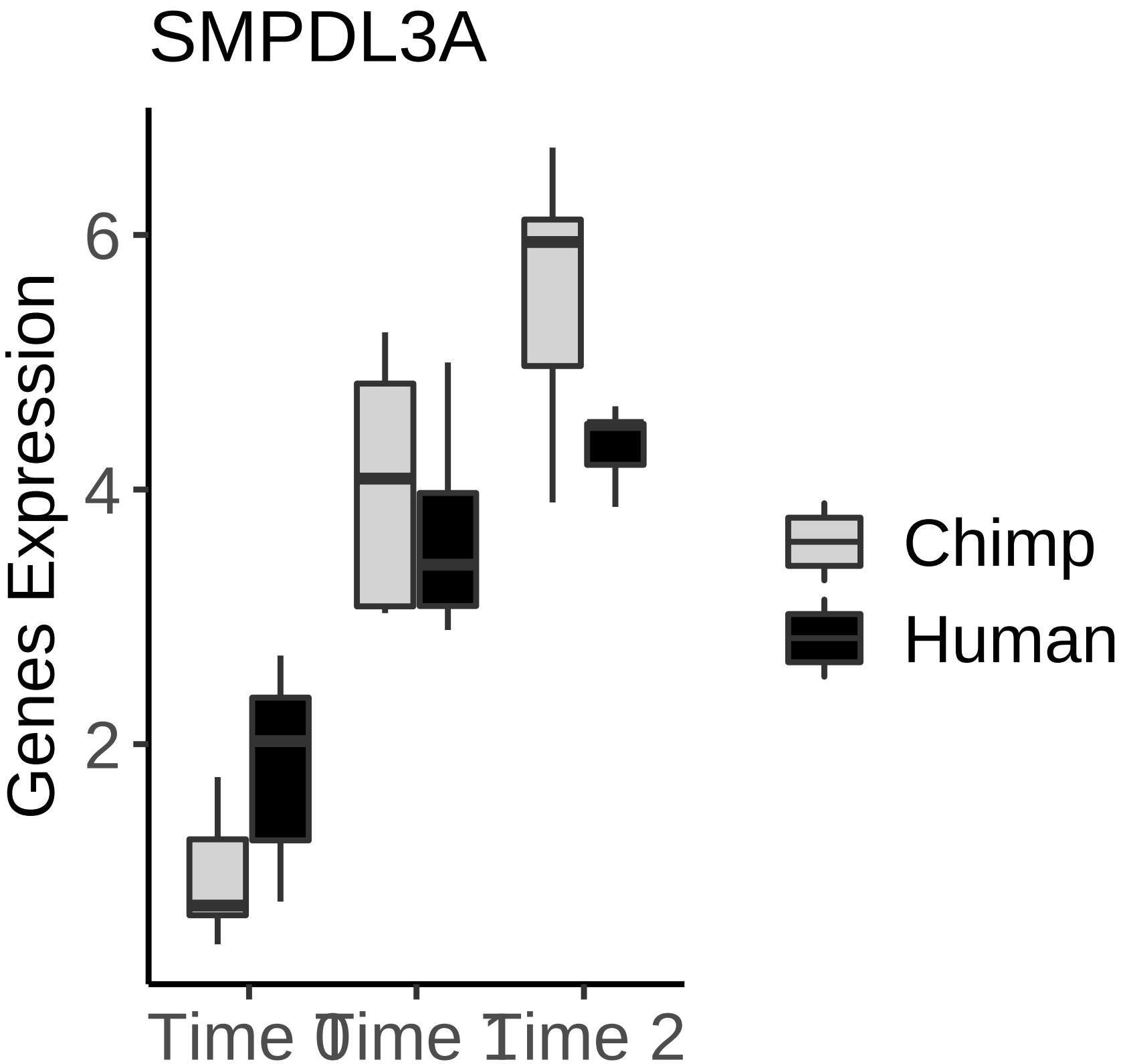
SMPDL3A
Genes Expression
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Time 2
Chimp
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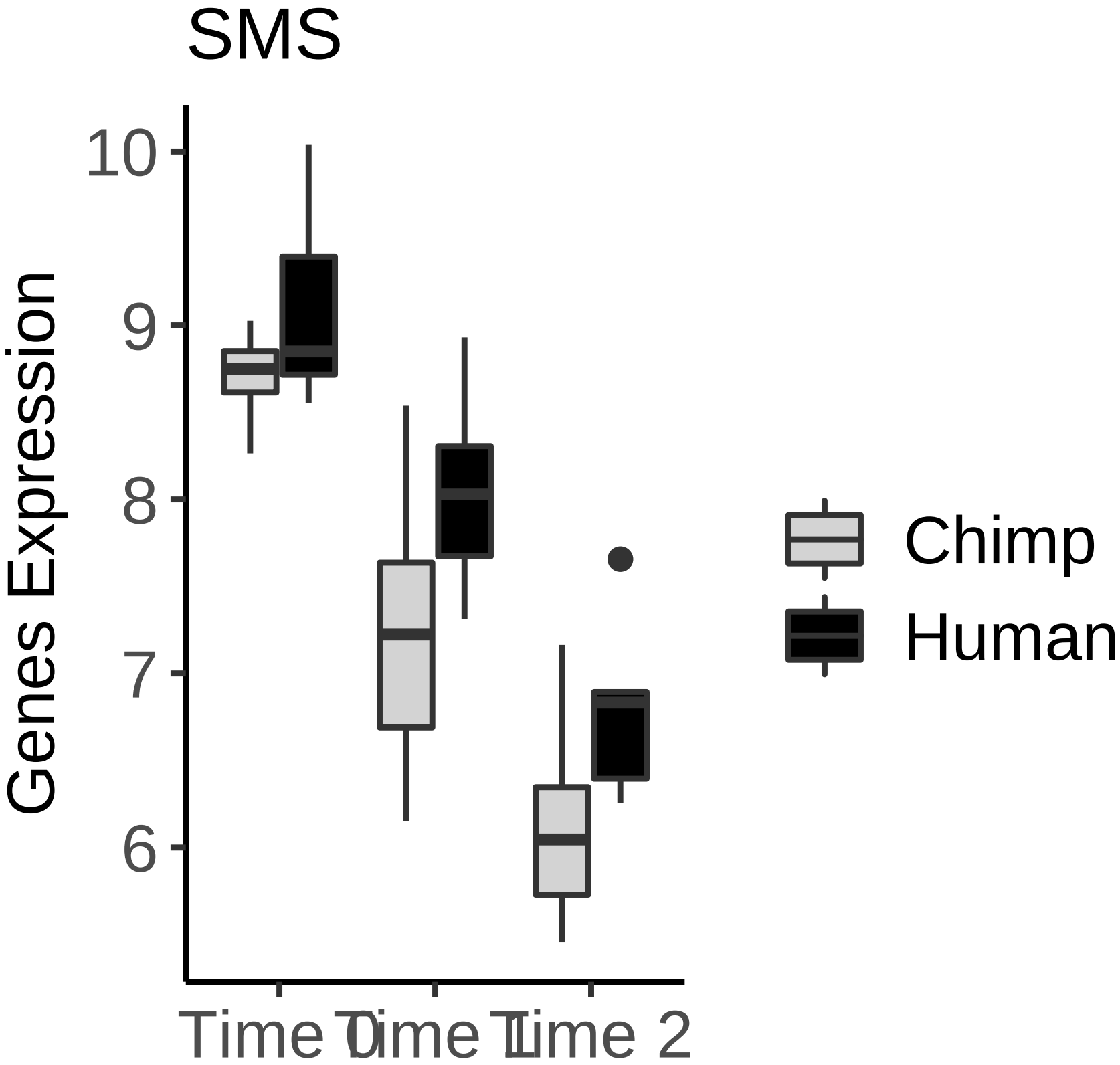
SMS
Genes Expression
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9
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7
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Time 2
Chimp
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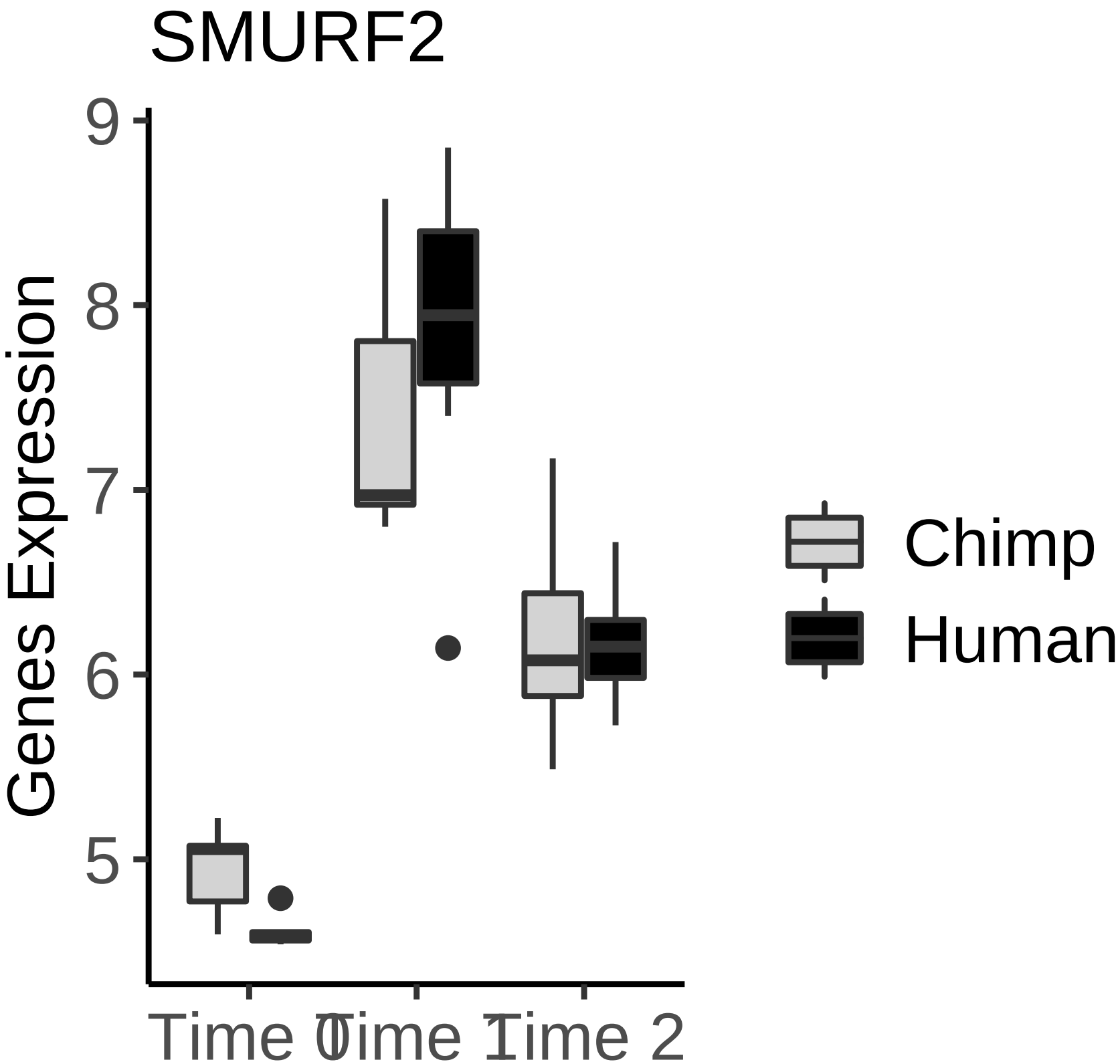
SMURF2
Genes Expression
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Time 2
Chimp
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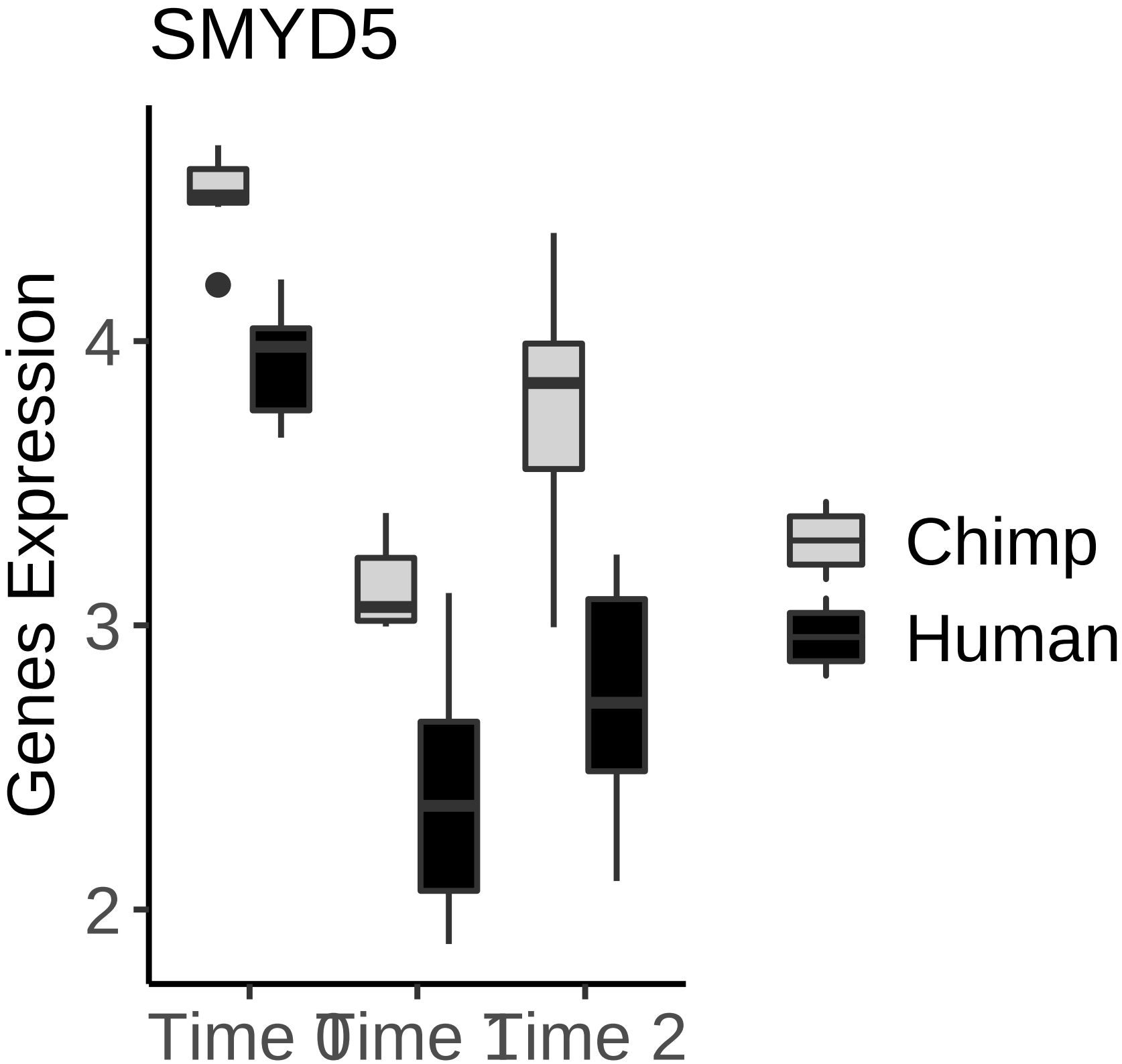
SMYD5
Genes Expression
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Time 2
Chimp
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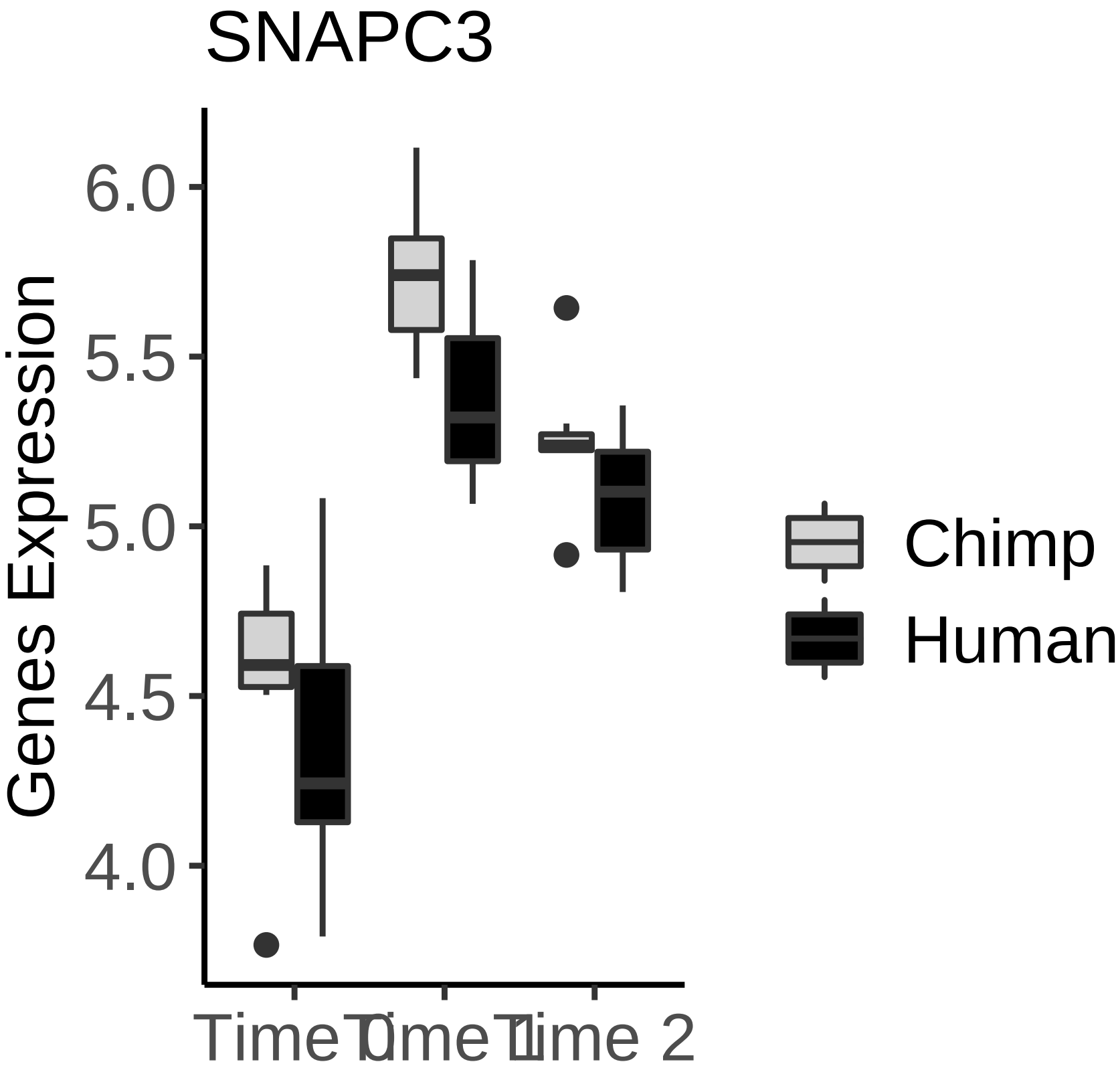
SNAPC3
Genes Expression
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4.0
Time 0
Time 1
Time 2
Chimp
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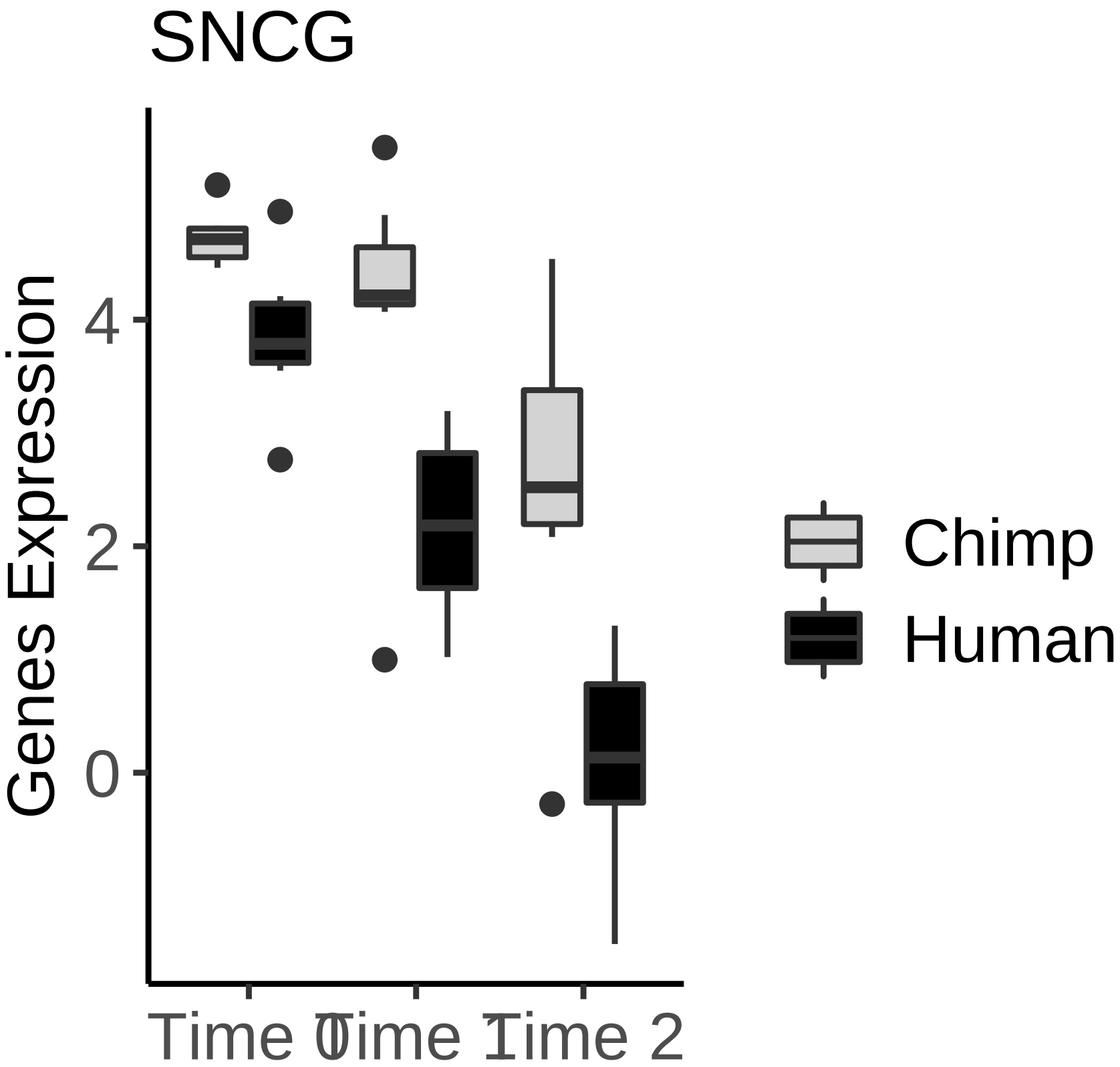
SNCG
Genes Expression
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Chimp
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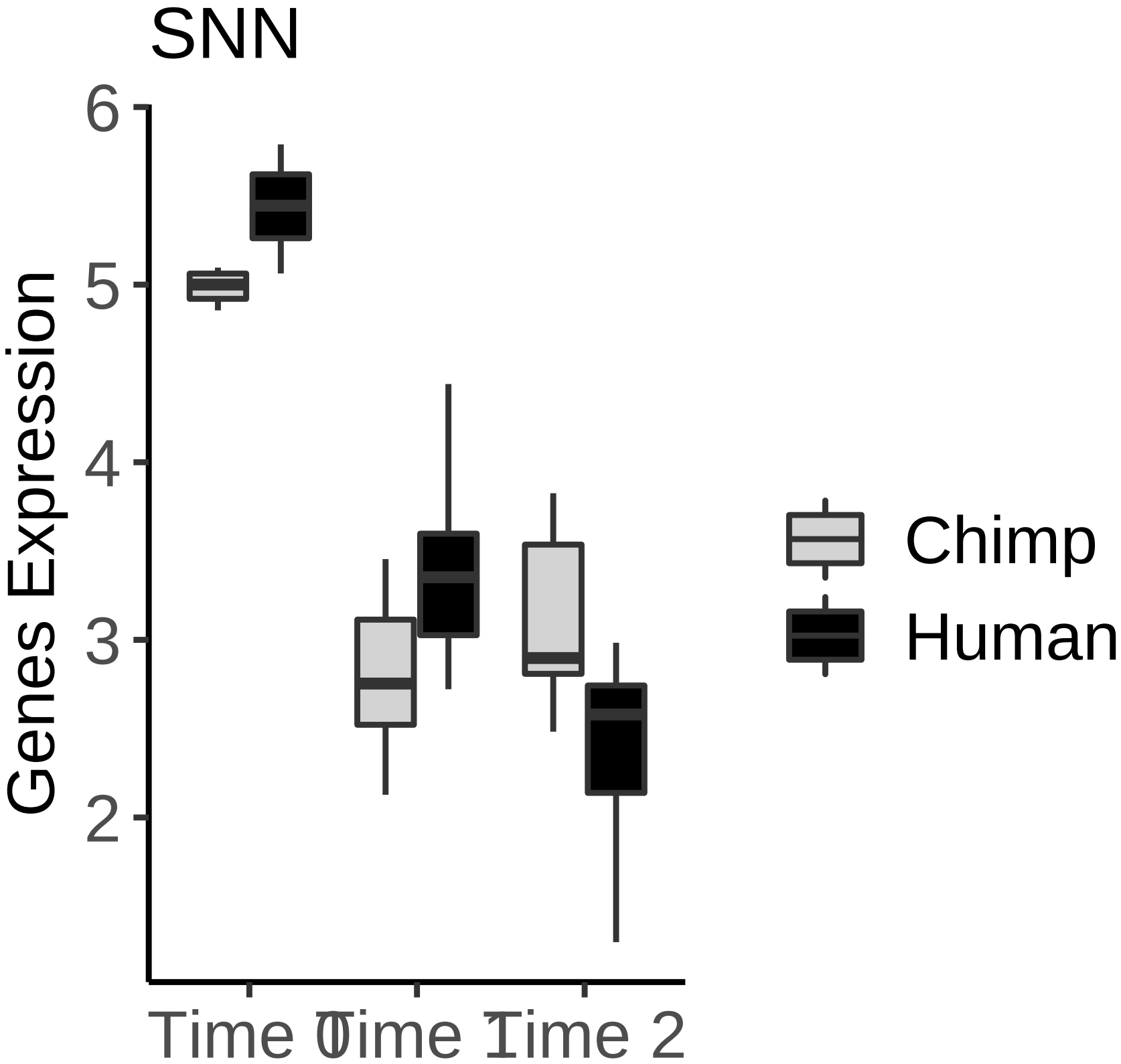
SNN
Genes Expression
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Time 2
Chimp
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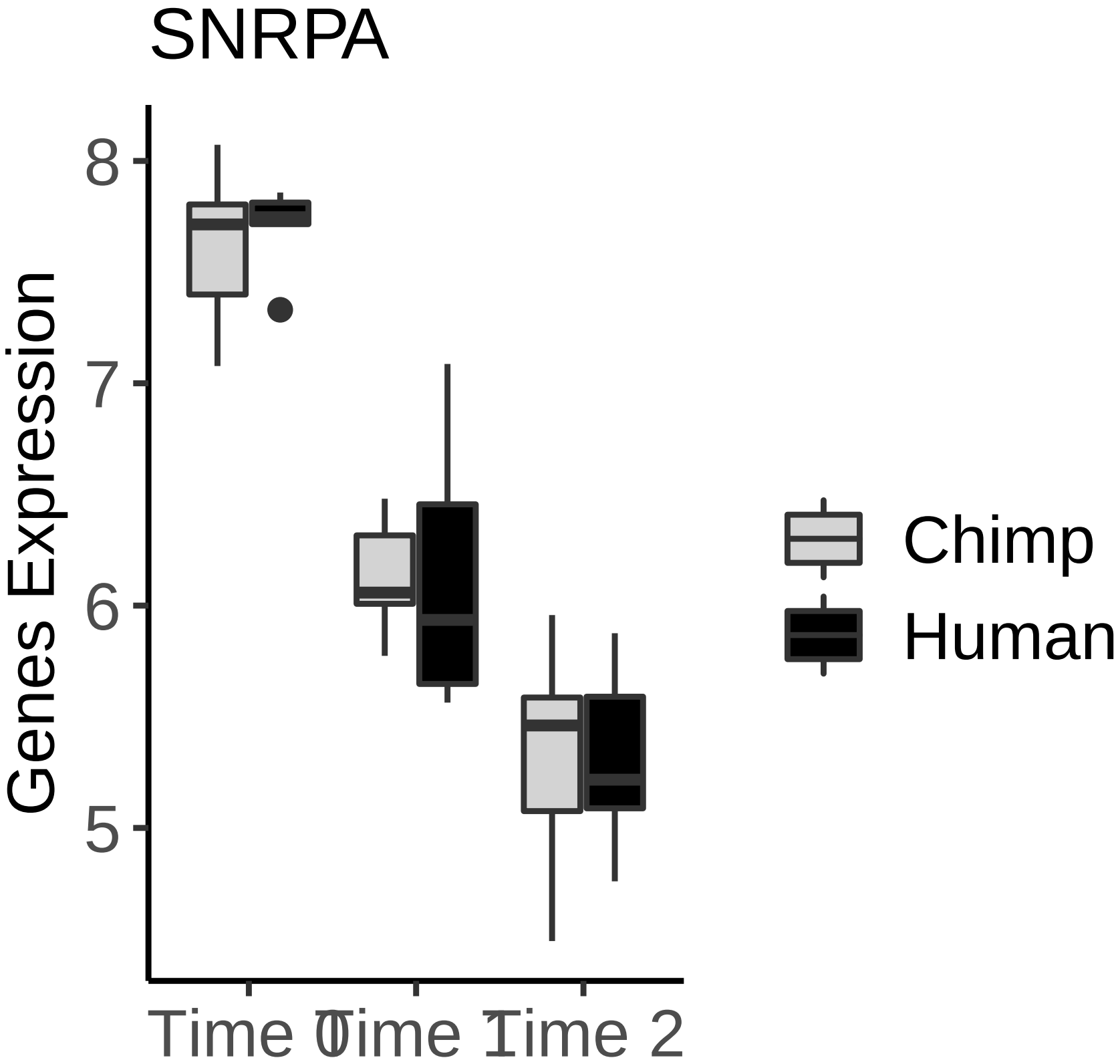
SNRPA
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Time 2
Chimp
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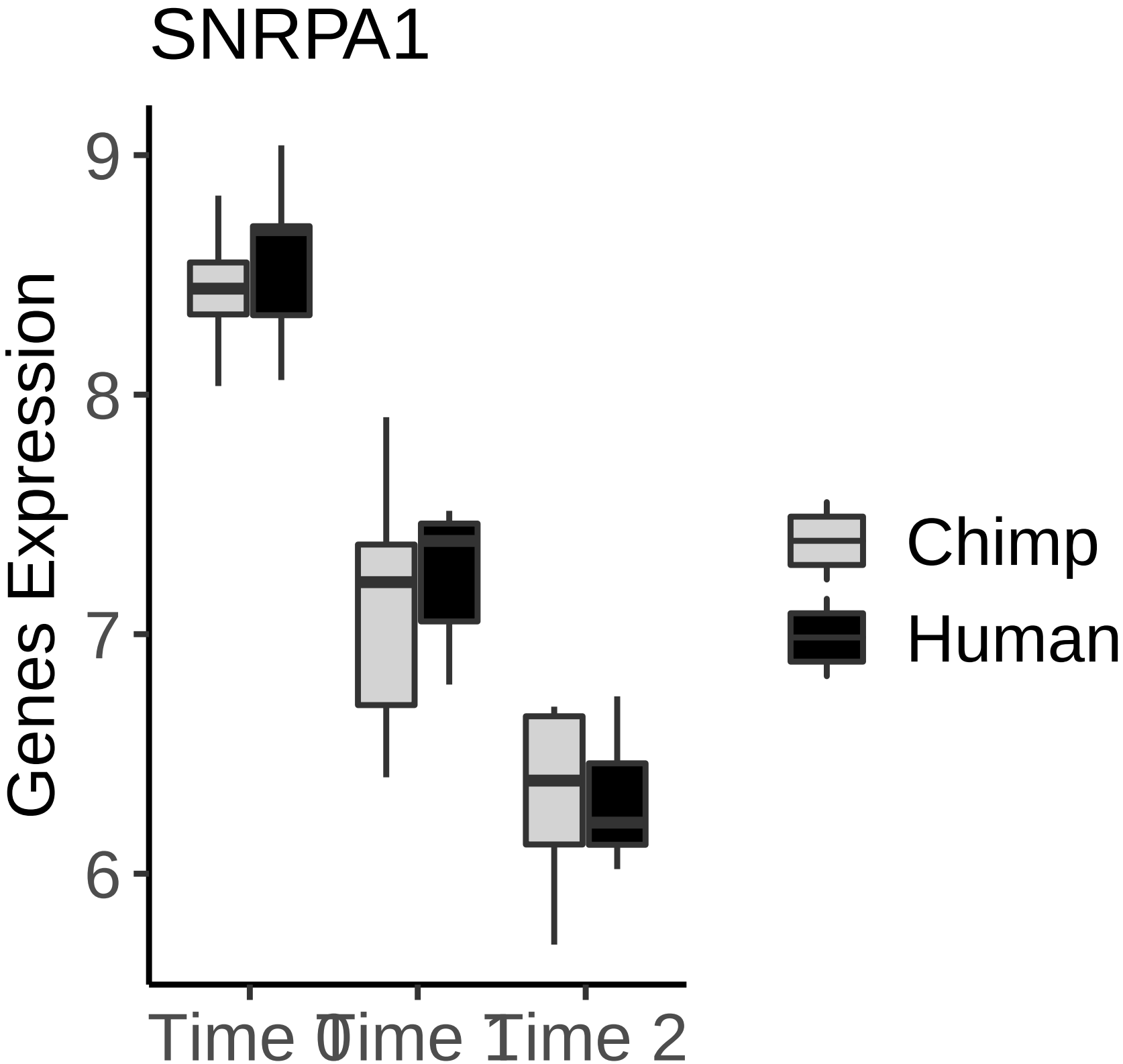
SNRPA1
Genes Expression
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7
6
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Time 1
Time 2
Chimp
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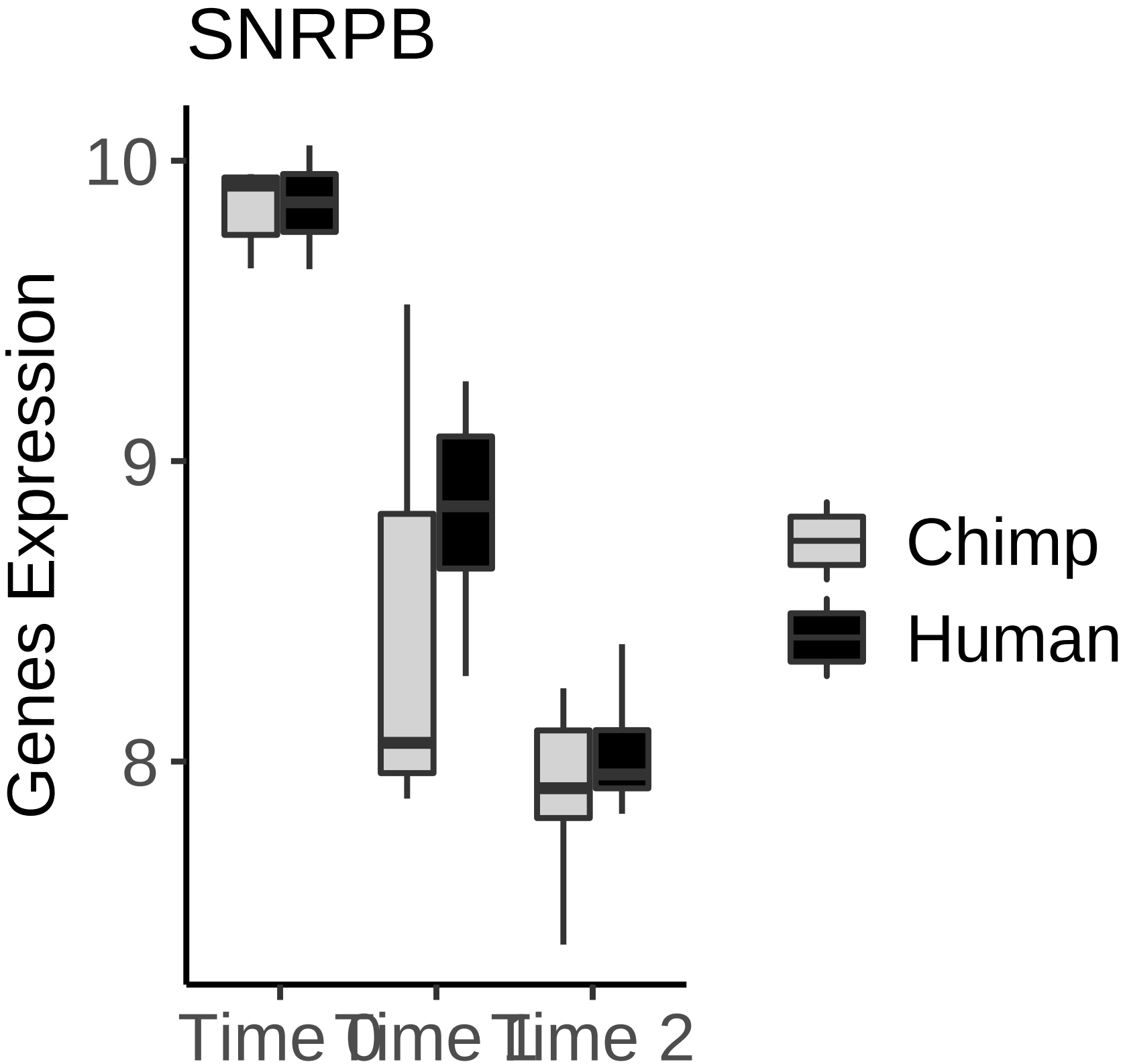
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8
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Time 1
Time 2
Chimp
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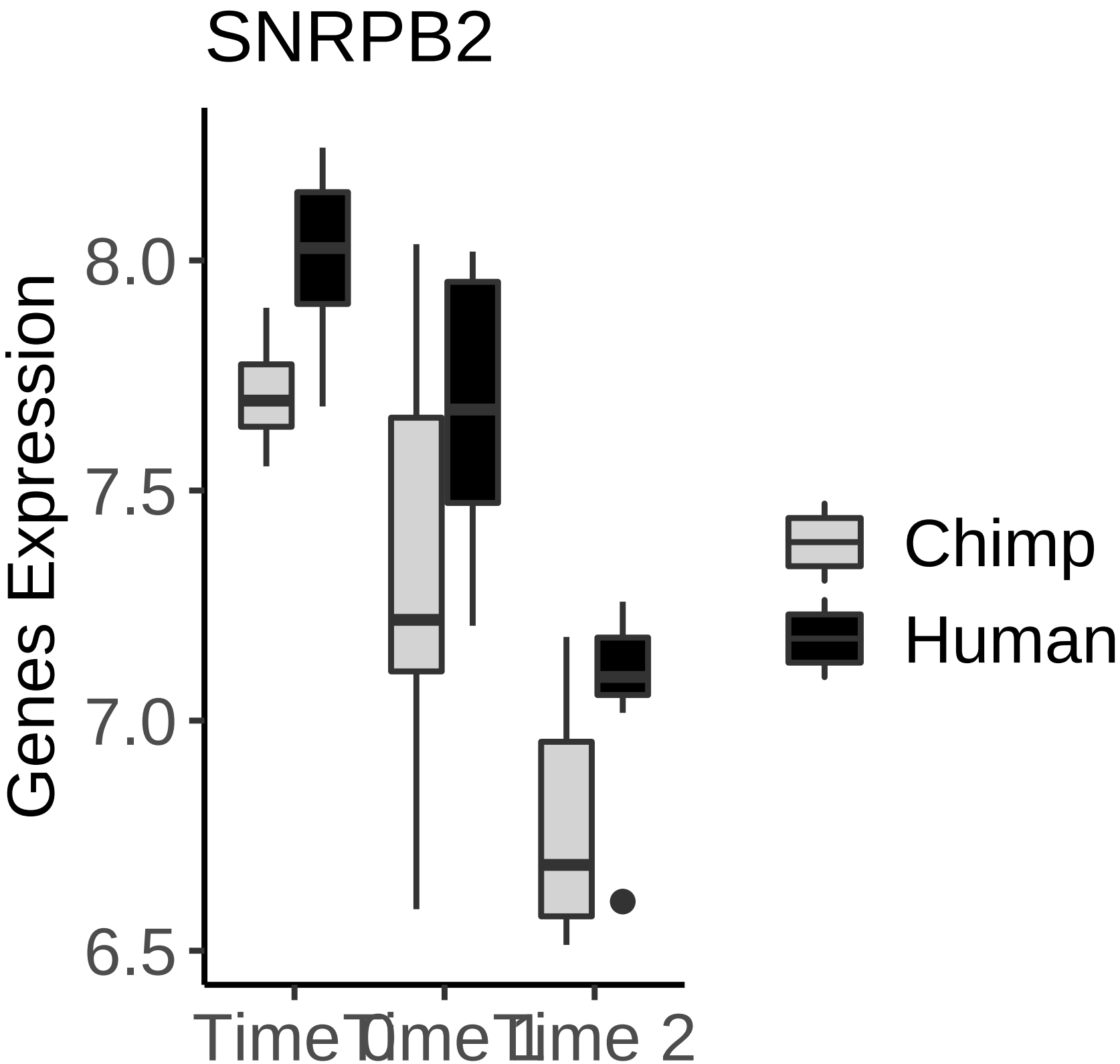
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Time 2
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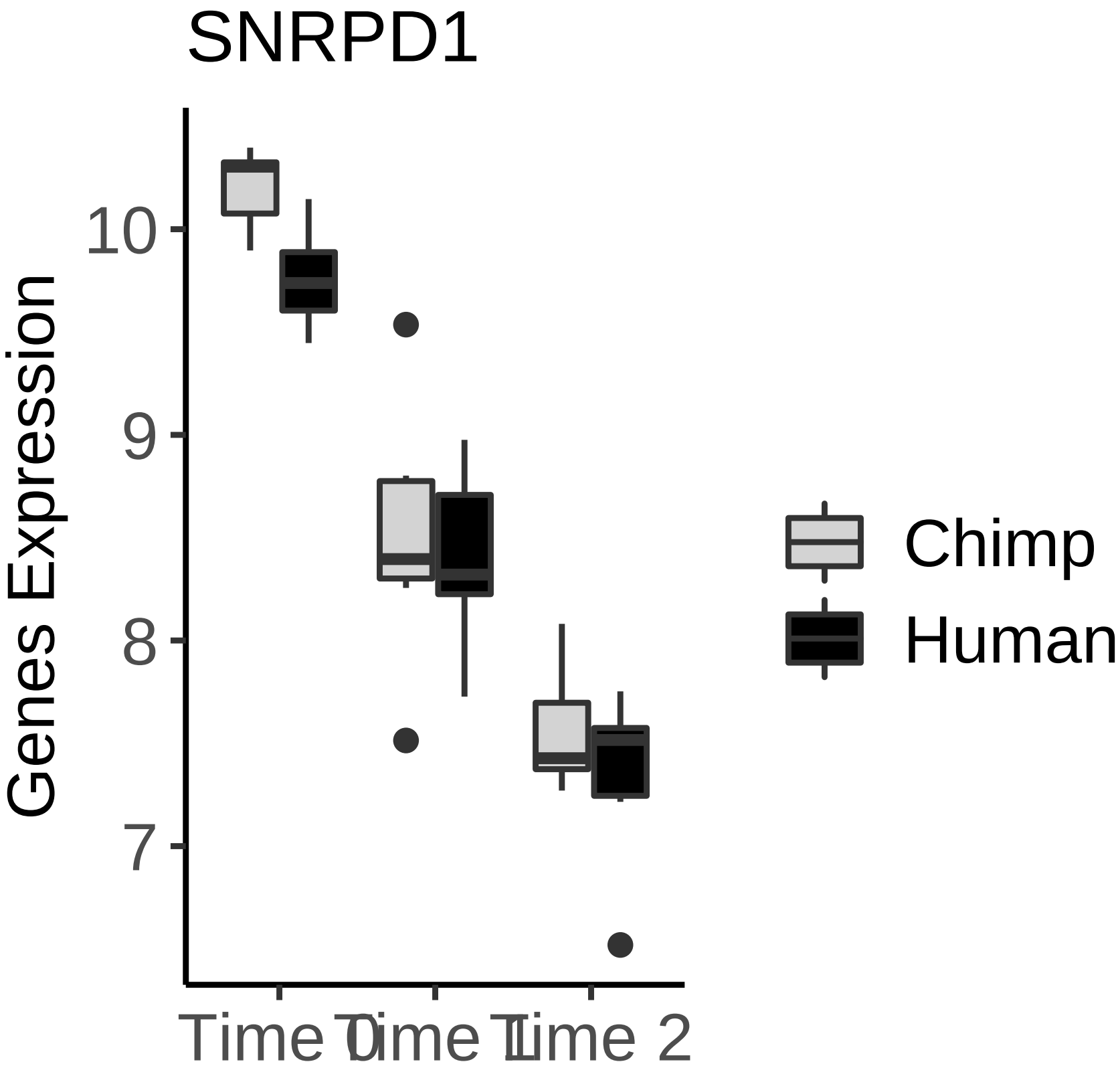
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Time 2
Chimp
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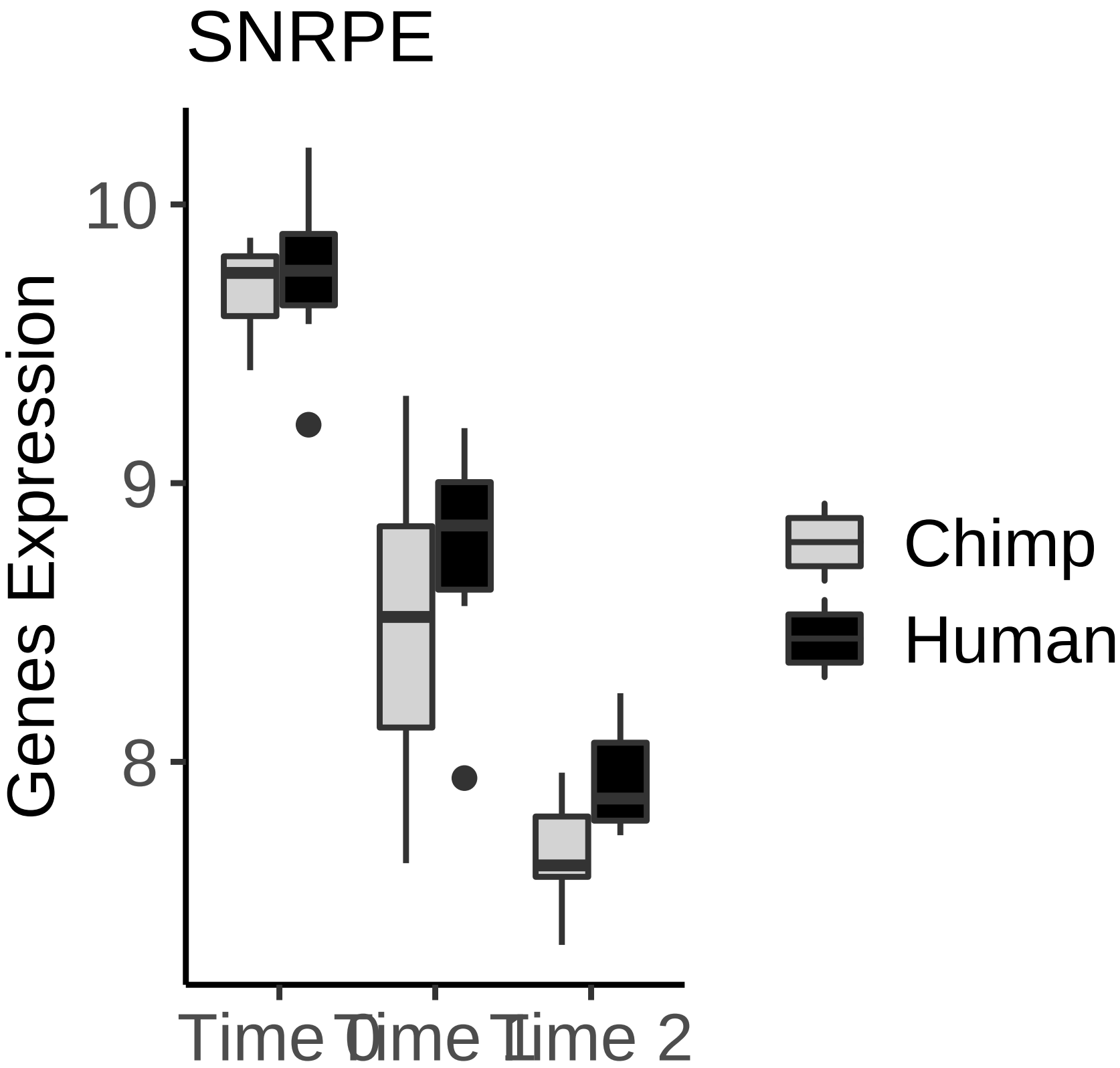
SNRPE
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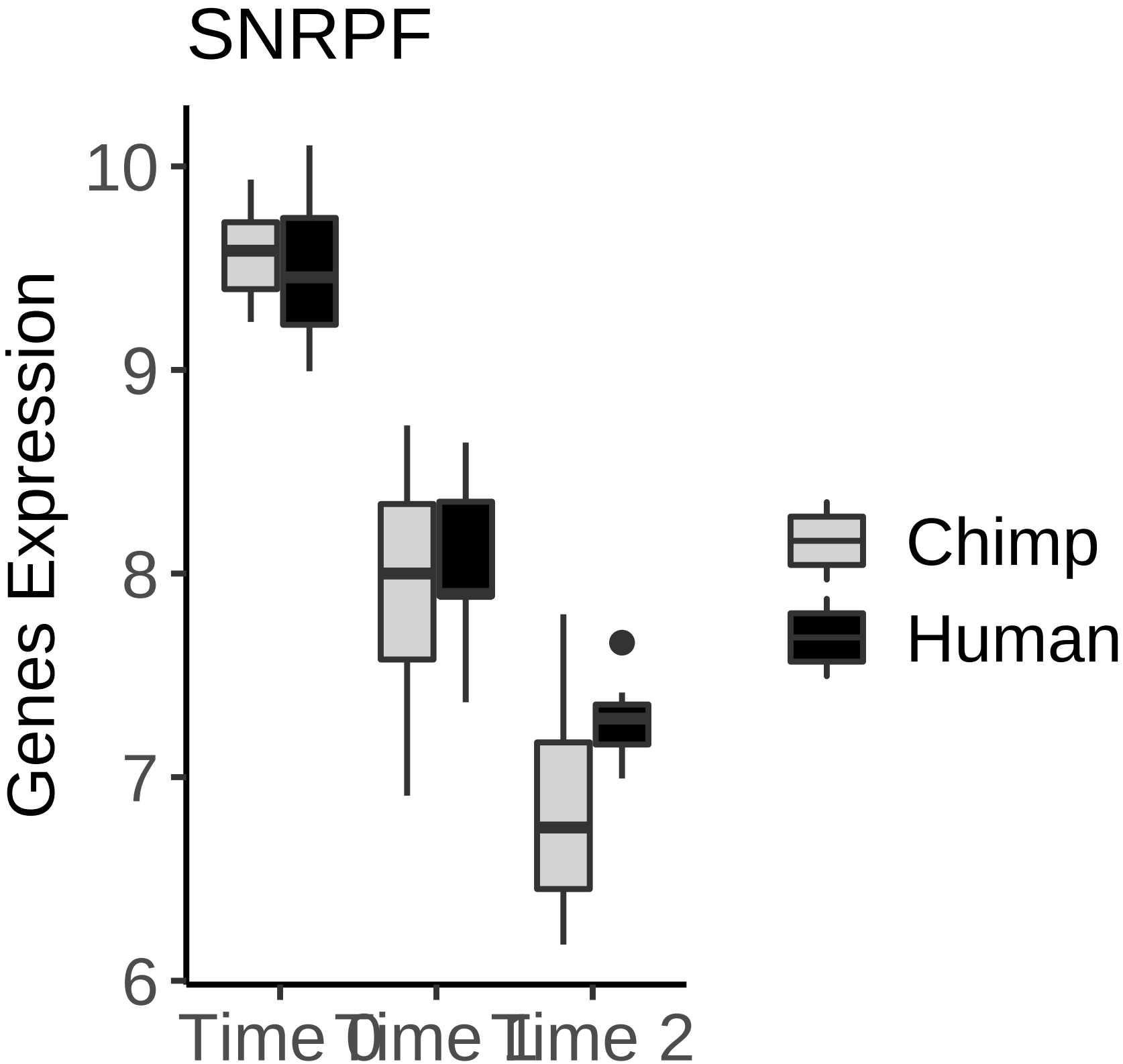
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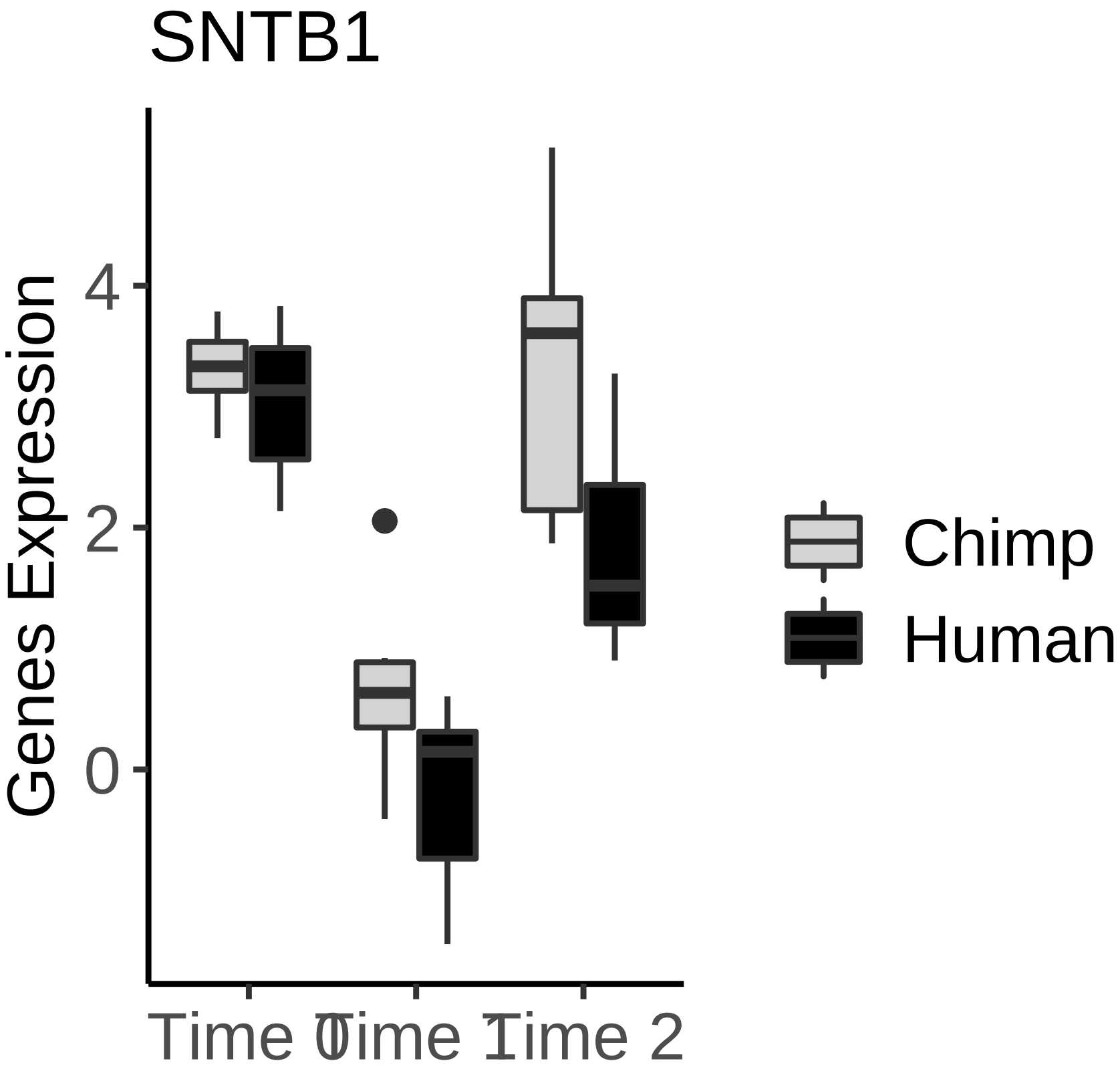
SNTB1
Genes Expression
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Time 2
Chimp
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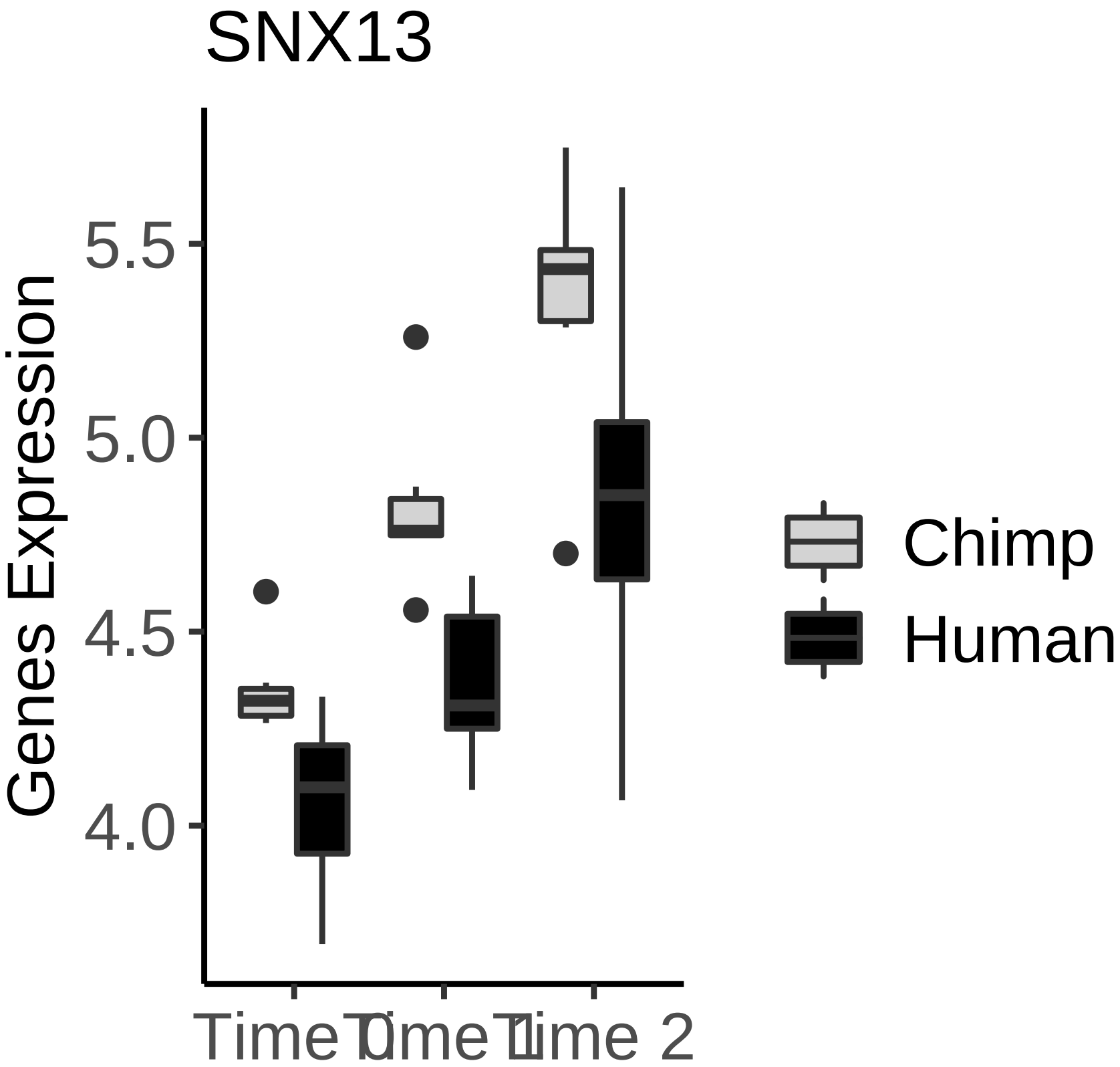
SNX13
Genes Expression
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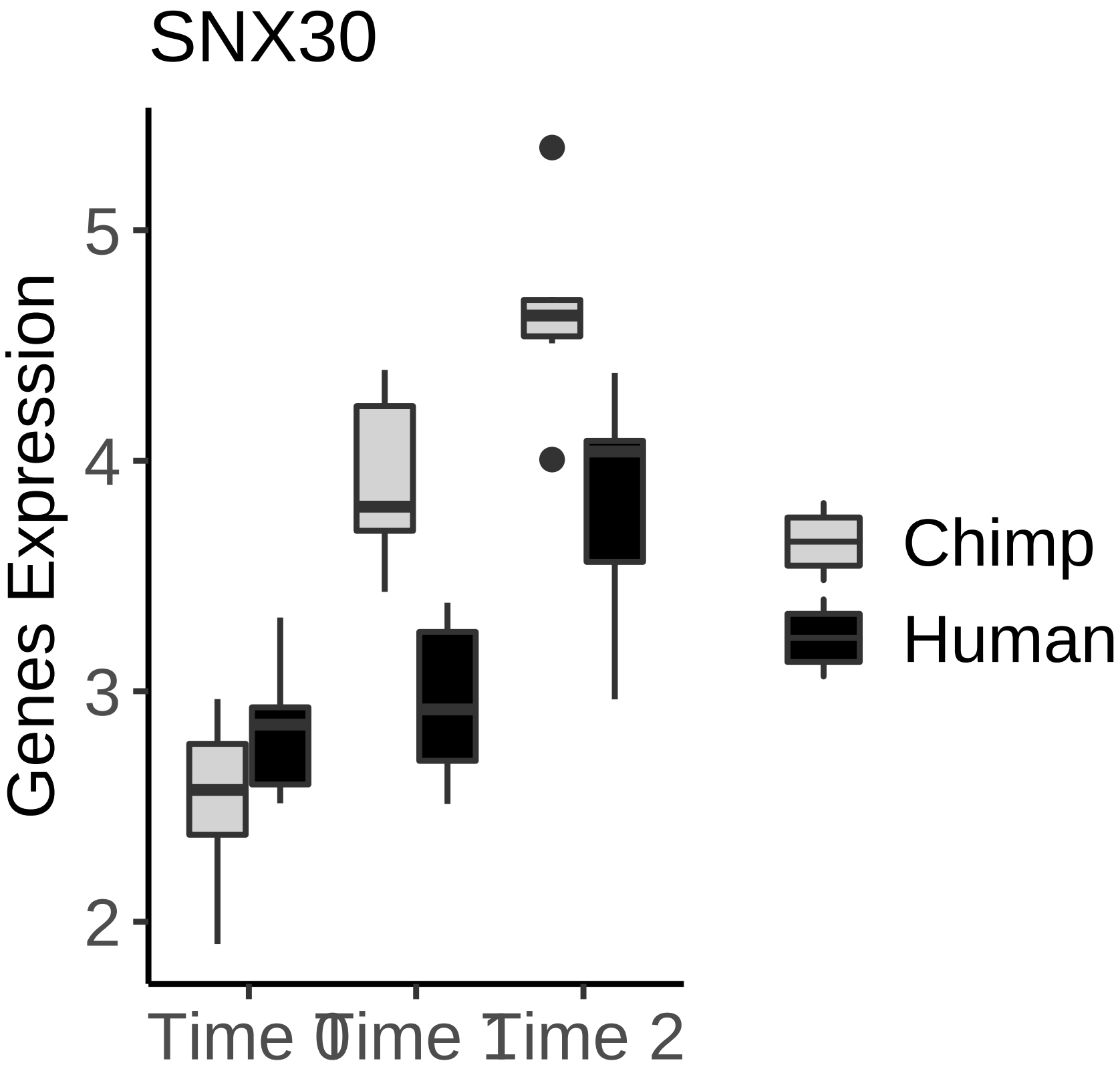
4.0
Time 0
Time 1
Time 2
Chimp
Human


SNX30
Genes Expression
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3
2
Time 0
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Time 2
Chimp
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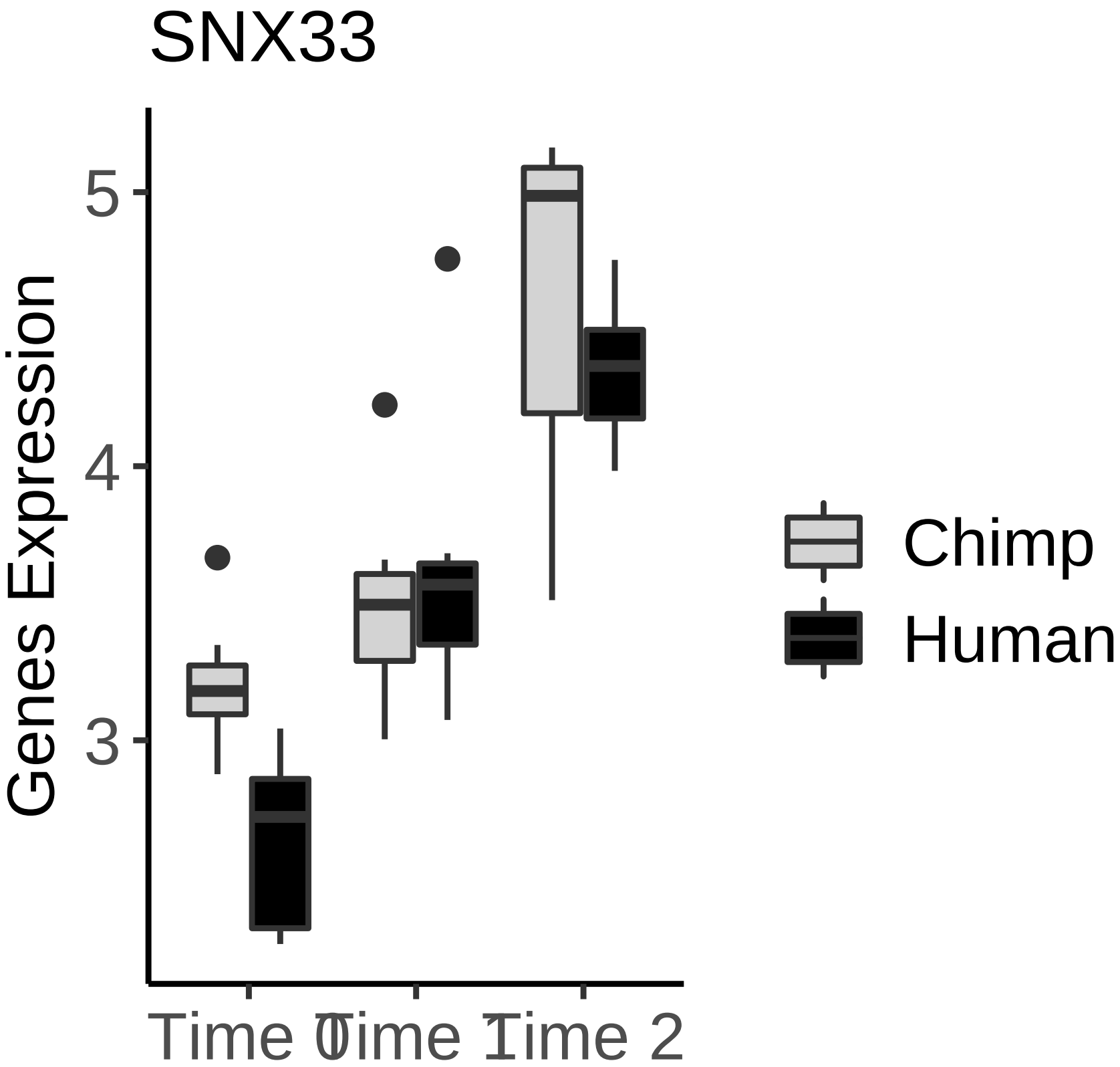
SNX33
Genes Expression
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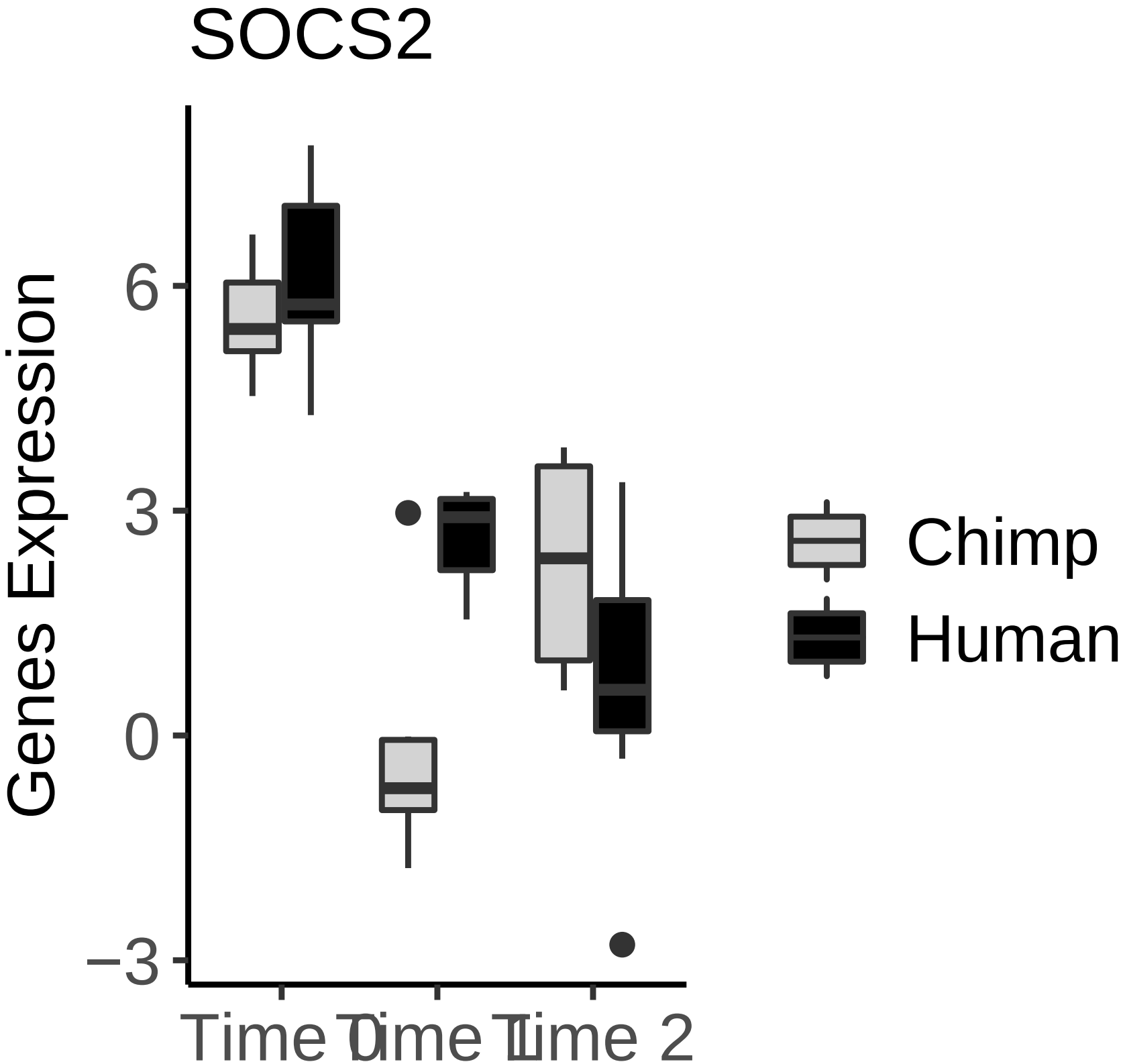
4
3
Time 0
Time 1
Time 2
Chimp
Human


SOCS2
Genes Expression
6
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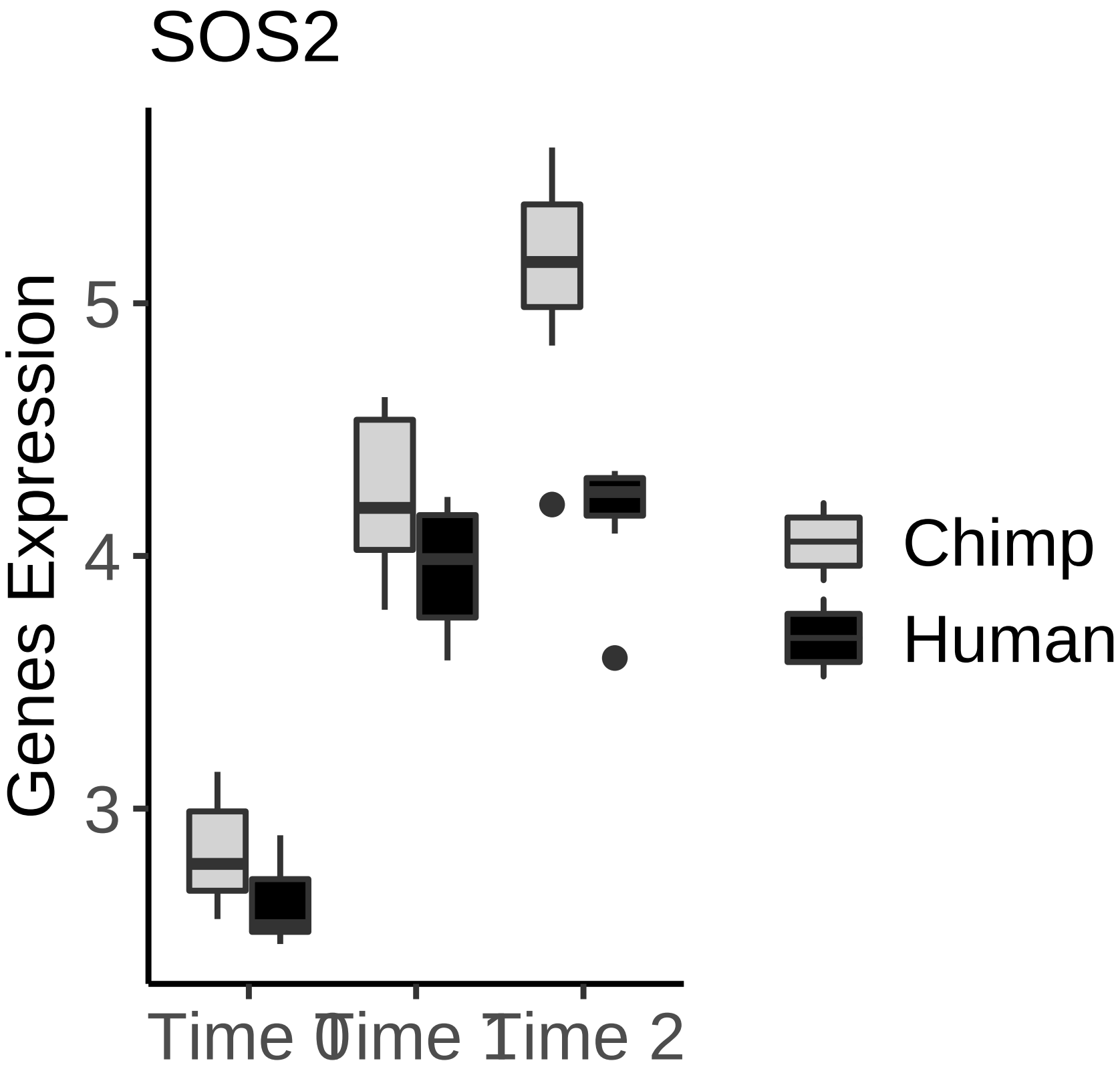
−3
Time 0
Time 1
Time 2
Chimp
Human


SOS2
Genes Expression
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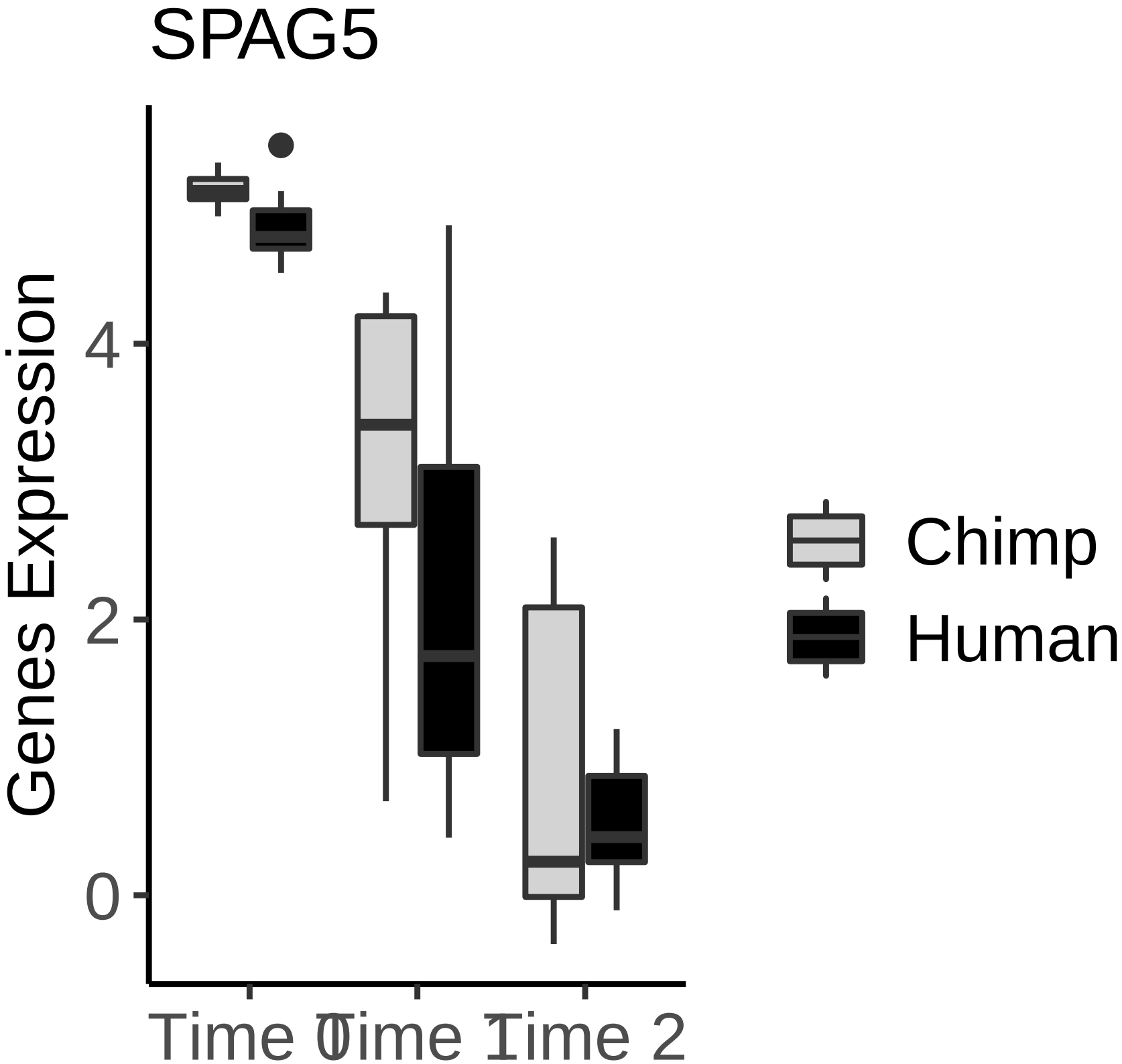
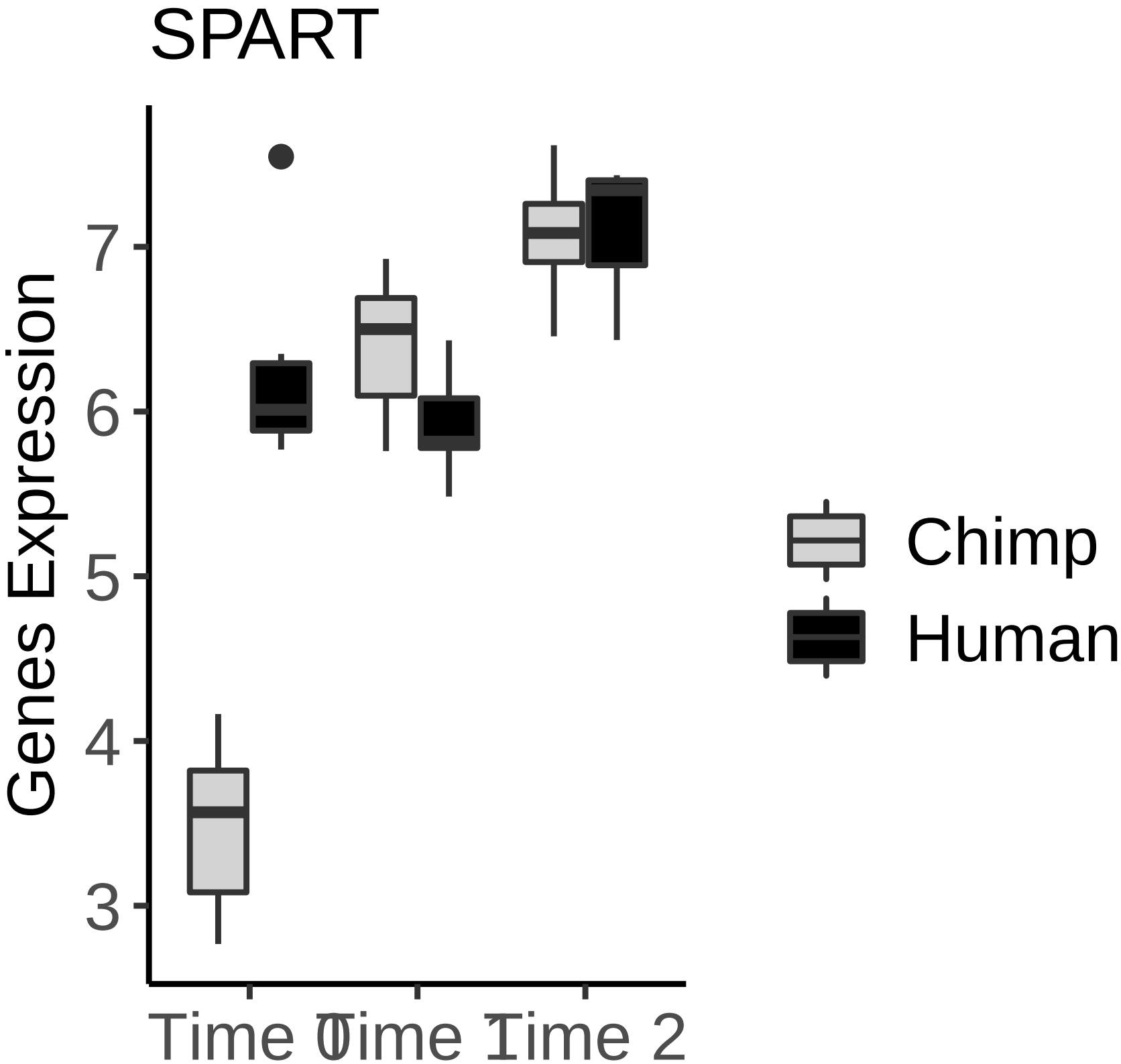
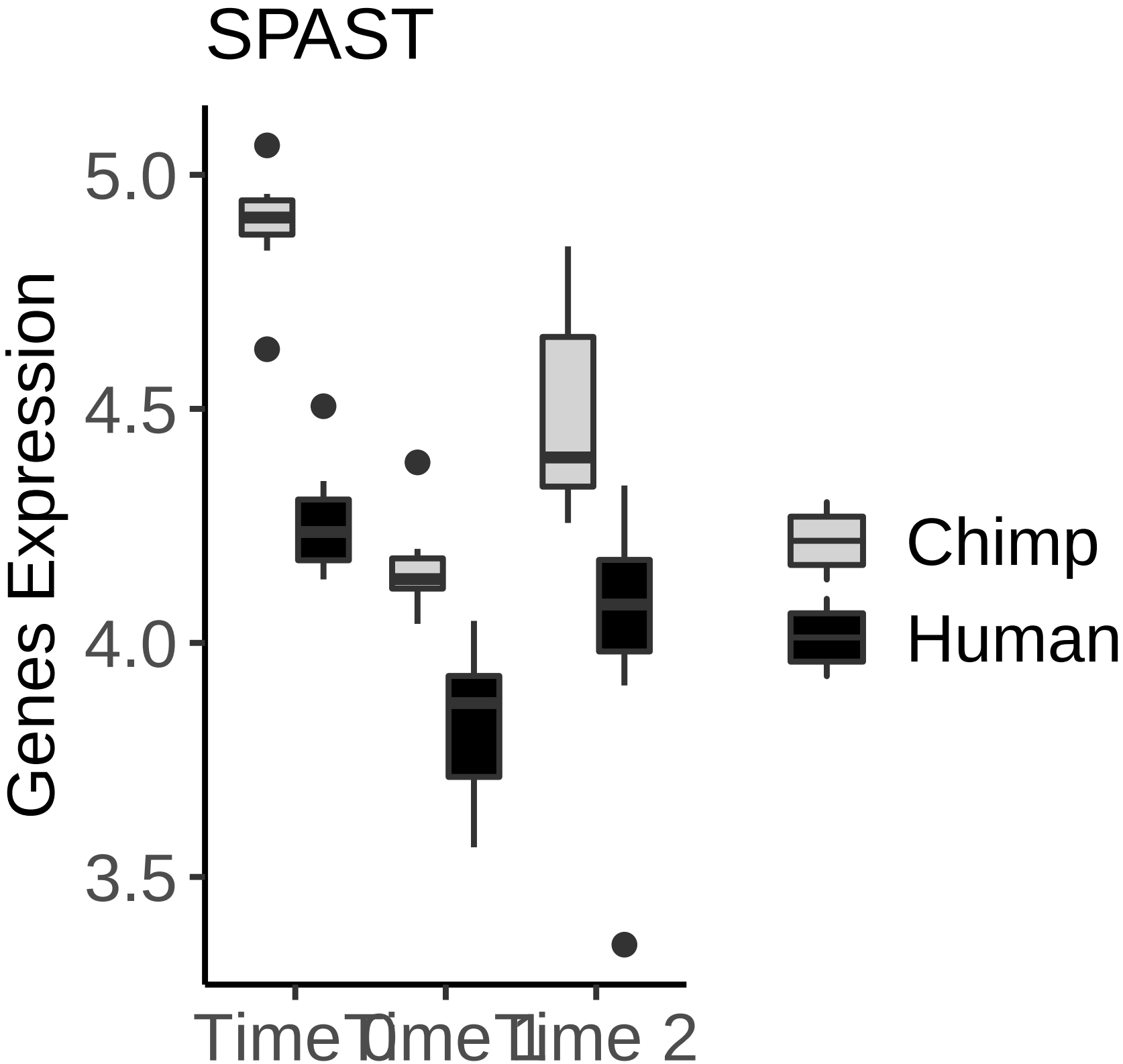
Time 0
Time 1
Time 2
Chimp
Human


SPAG5
Genes Expression
4
2
0
Time 0
Time 1
Time 2
Chimp
Human


SPART
Genes Expression
7
6
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


SPAST
Genes Expression
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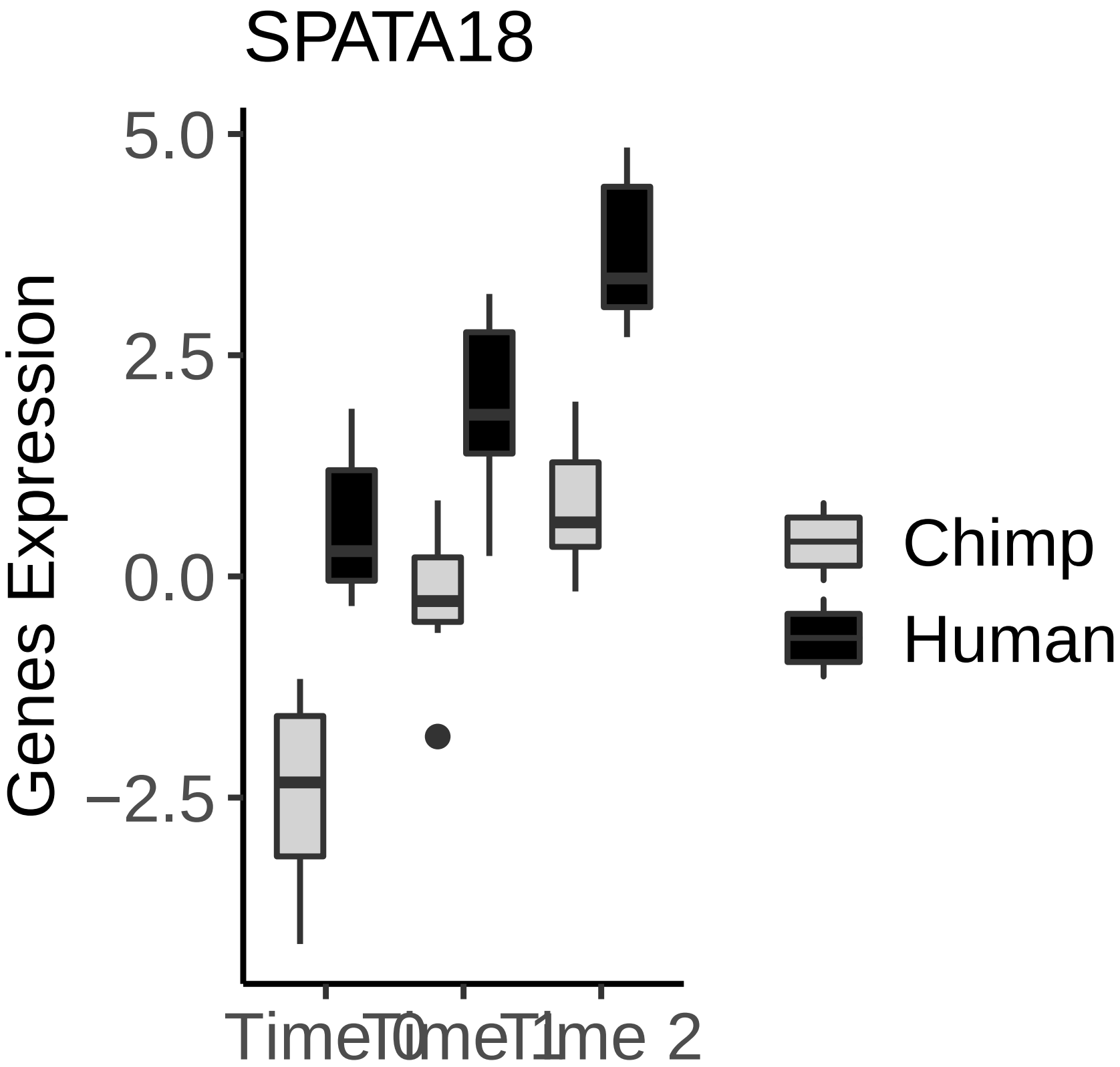
4.5
4.0
3.5
Time 0
Time 1
Time 2
Chimp
Human


SPATA18
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2.5
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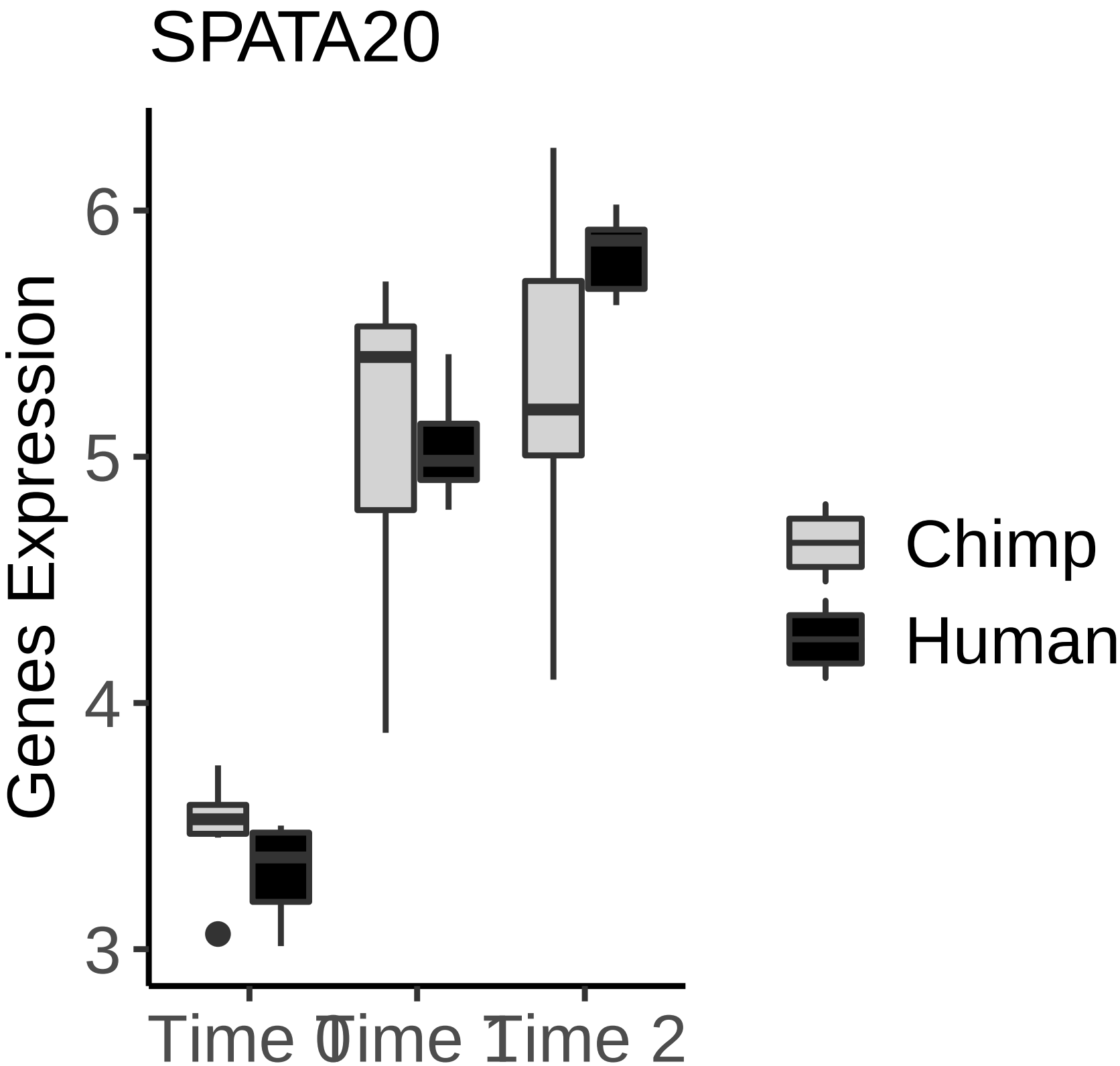
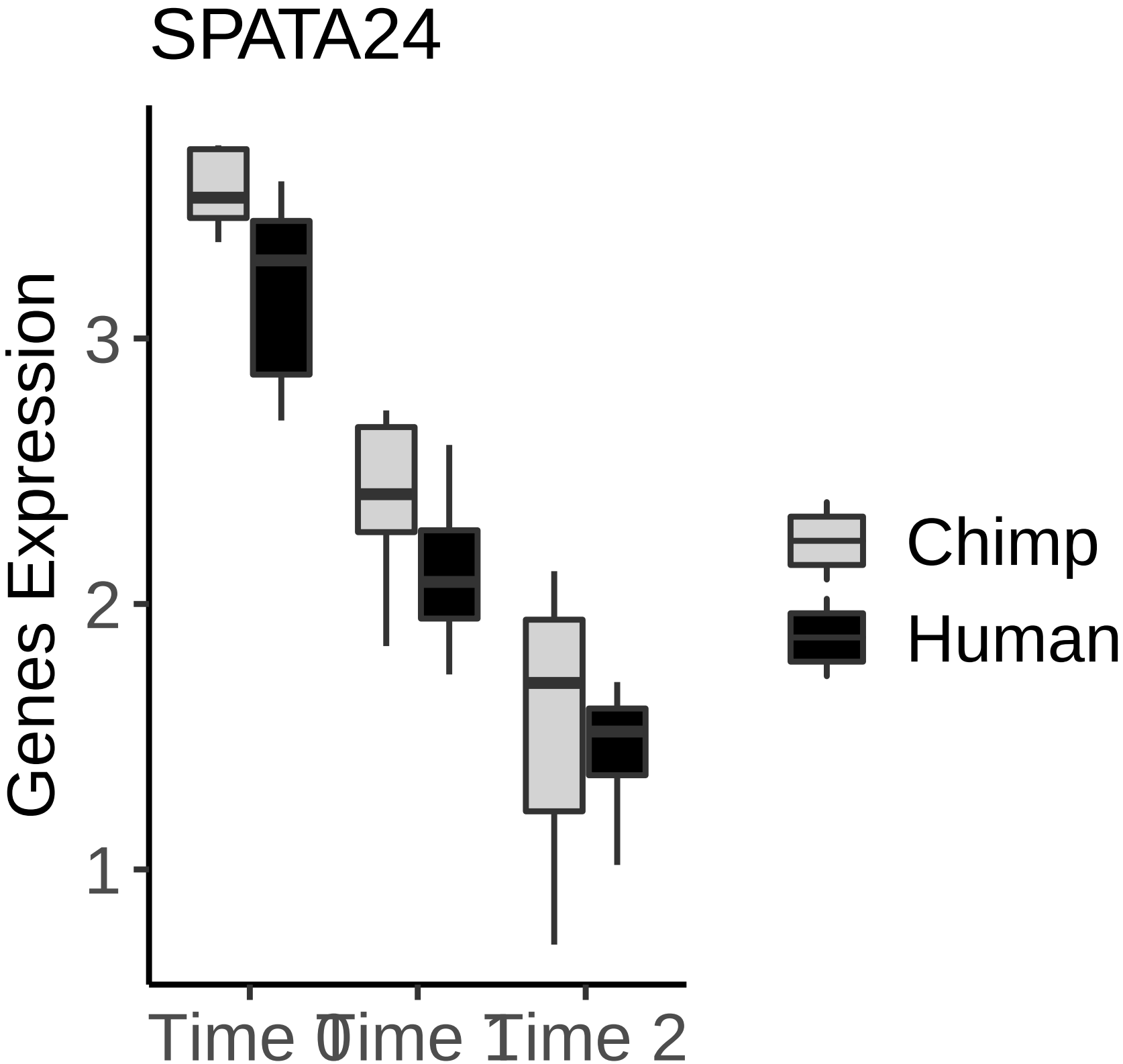
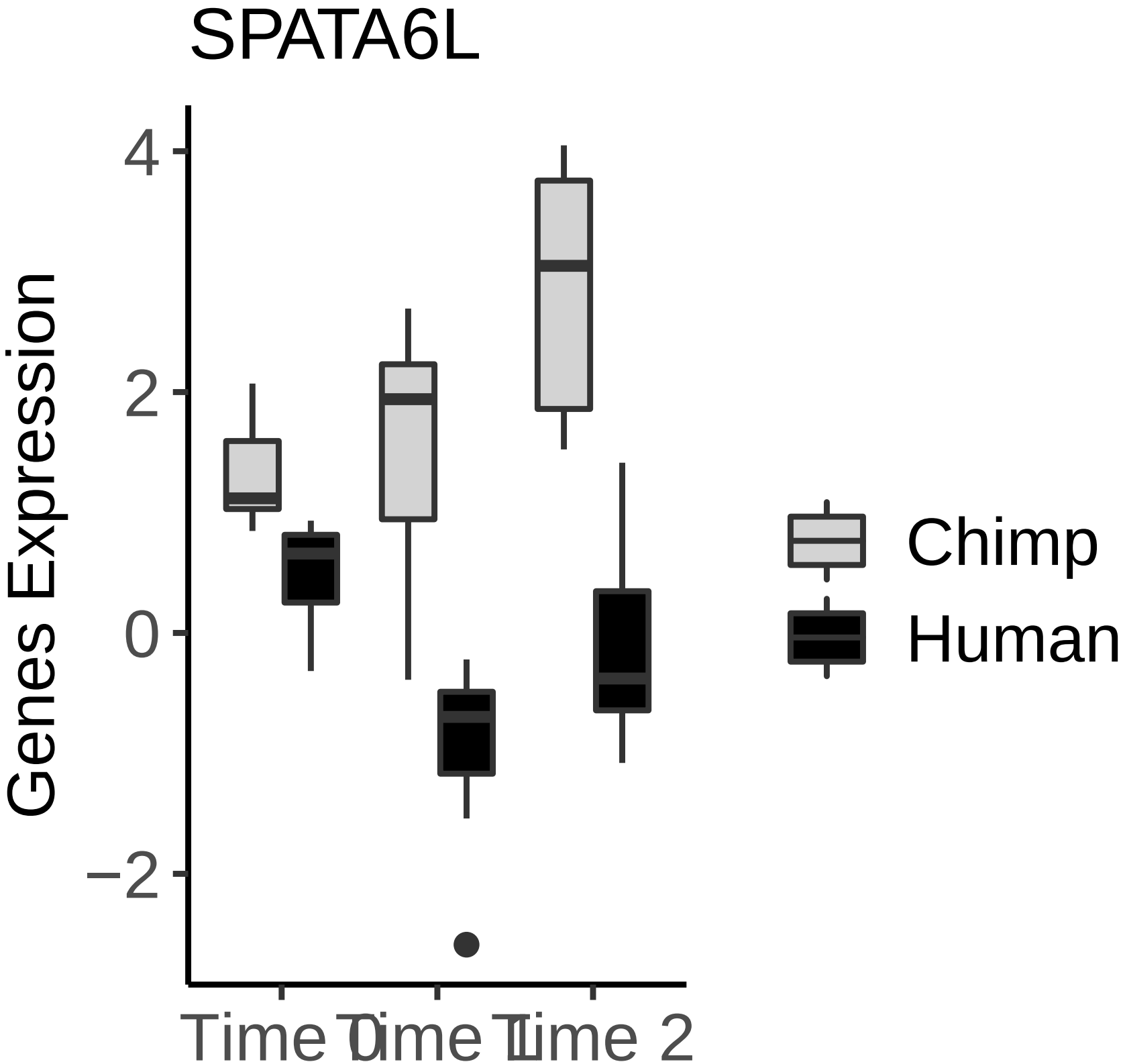
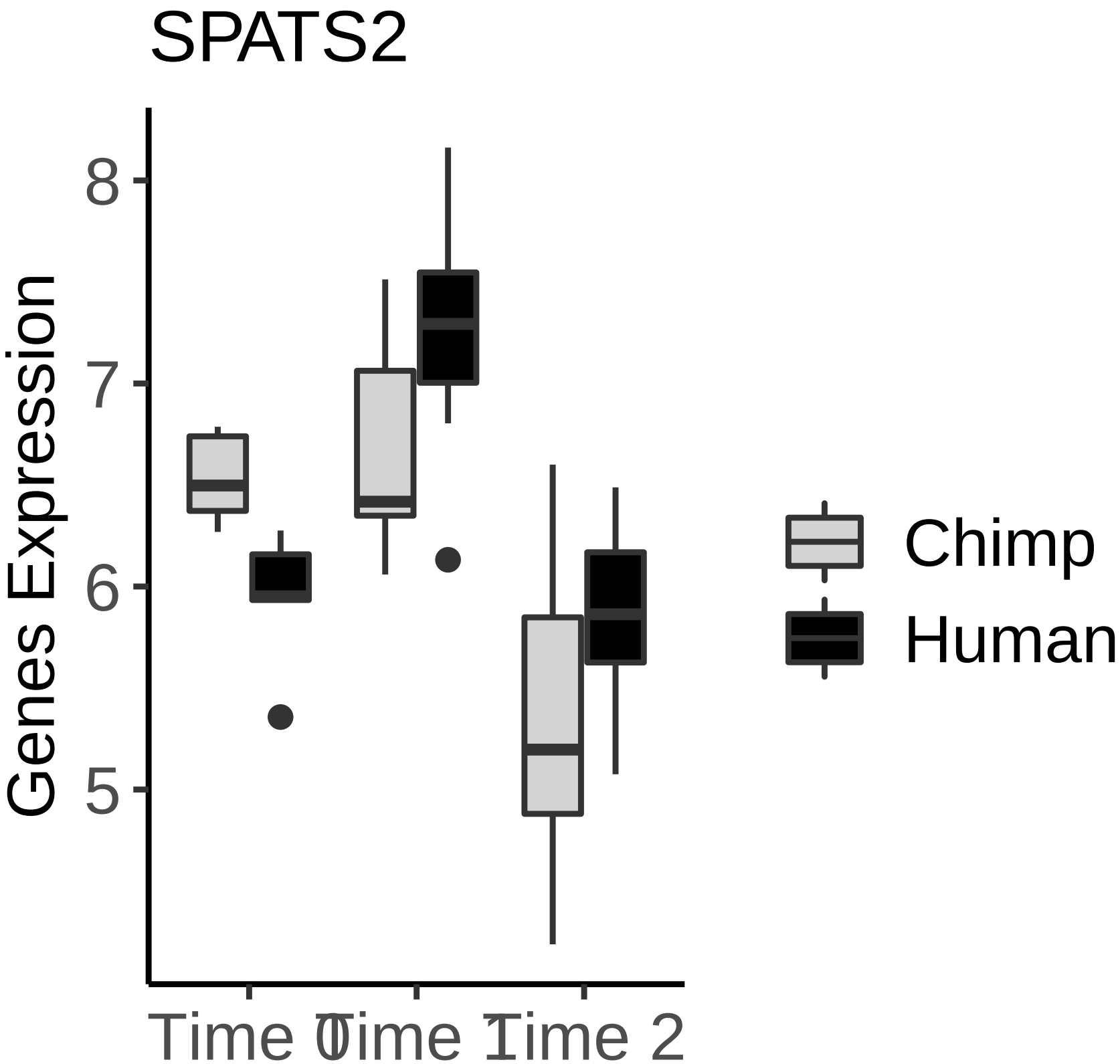
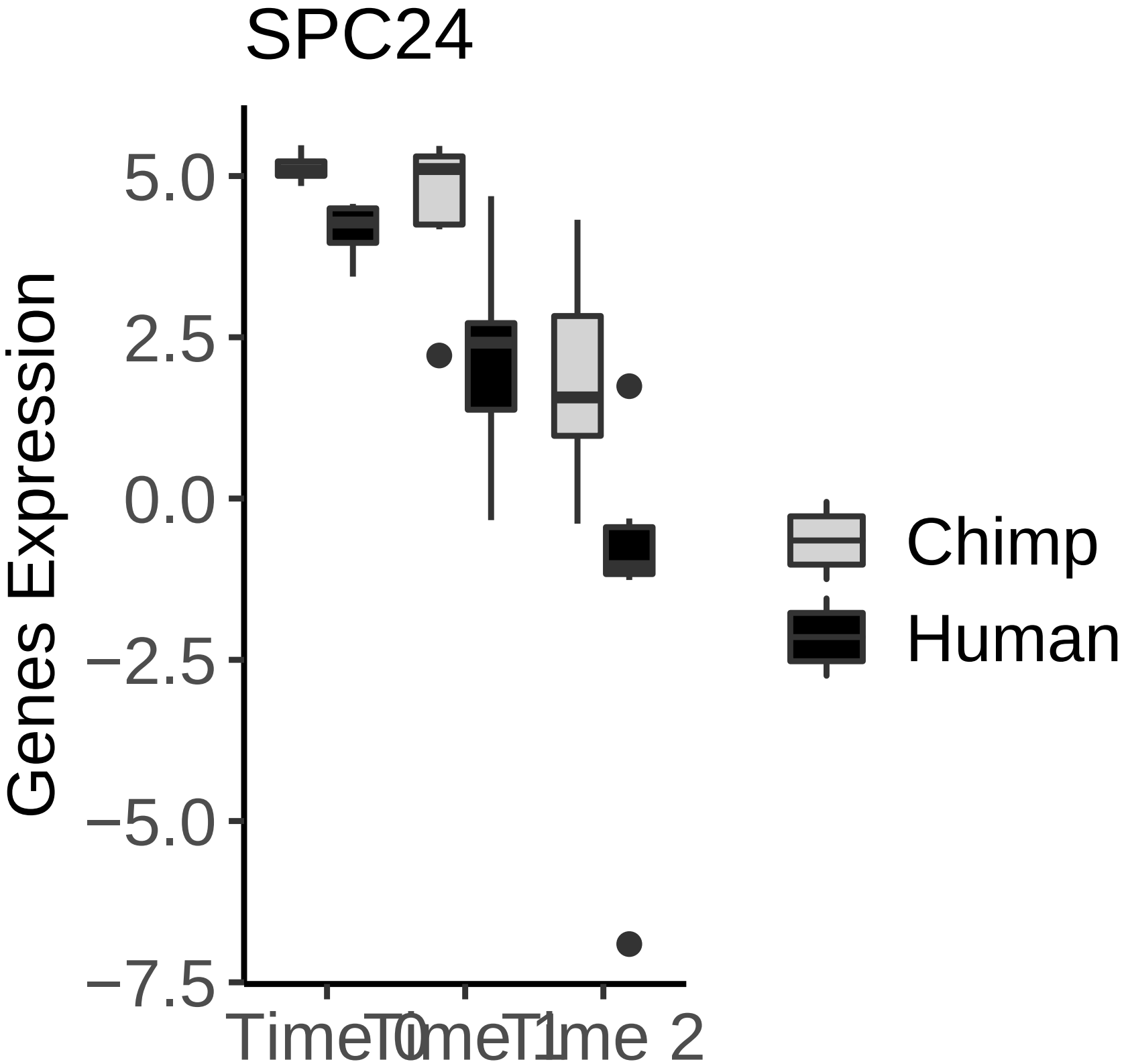
Time 0
Time 1
Time 2
Chimp
Human


SPATA20
Genes Expression
6
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


SPATA24
Genes Expression
3
2
1
Time 0
Time 1
Time 2
Chimp
Human


SPATA6L
Genes Expression
4
2
0
−2
Time 0
Time 1
Time 2
Chimp
Human


SPATS2
Genes Expression
8
7
6
5
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
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2.5
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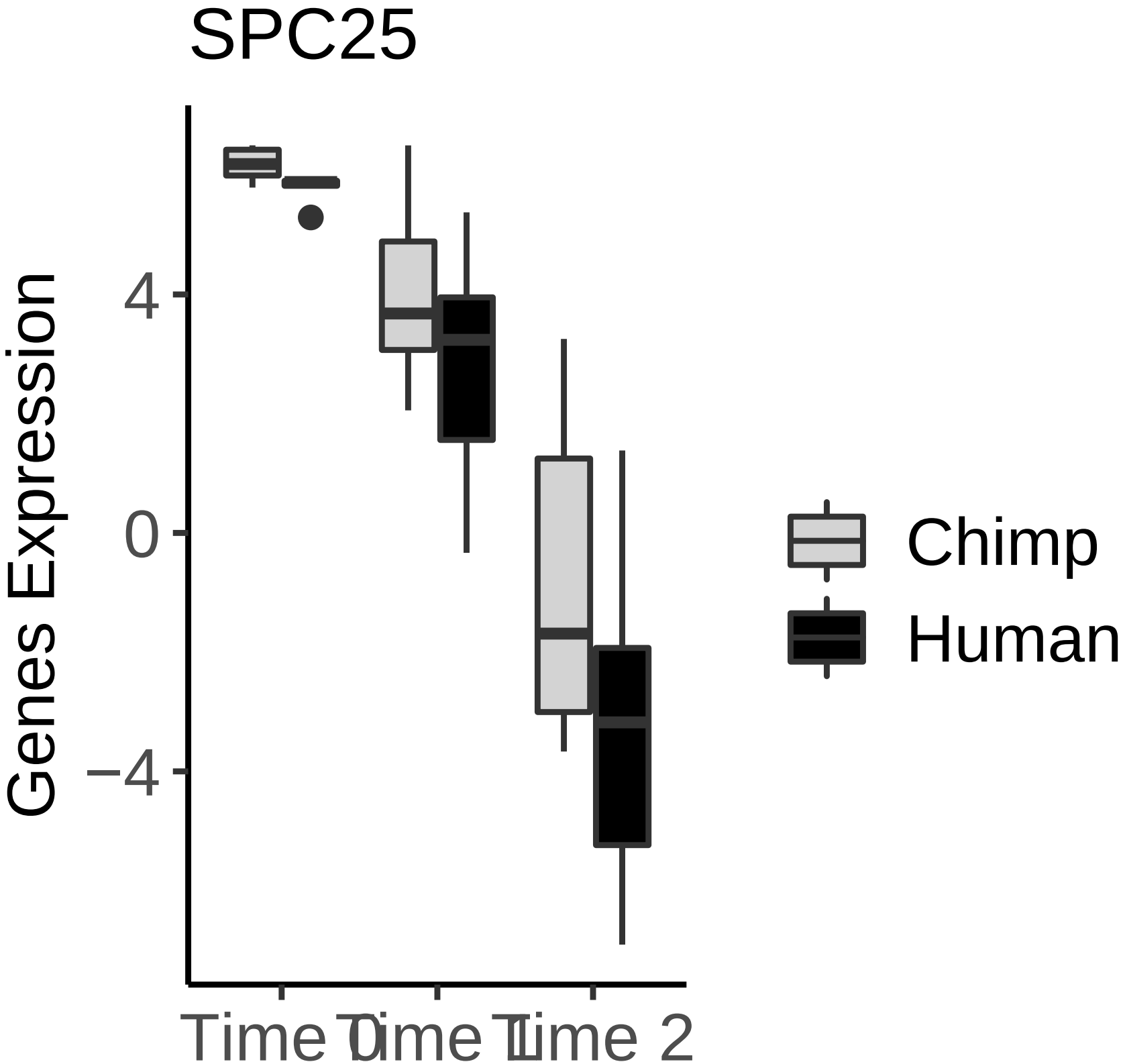
−2.5
−5.0
−7.5
Time 0
Time 1
Time 2
Chimp
Human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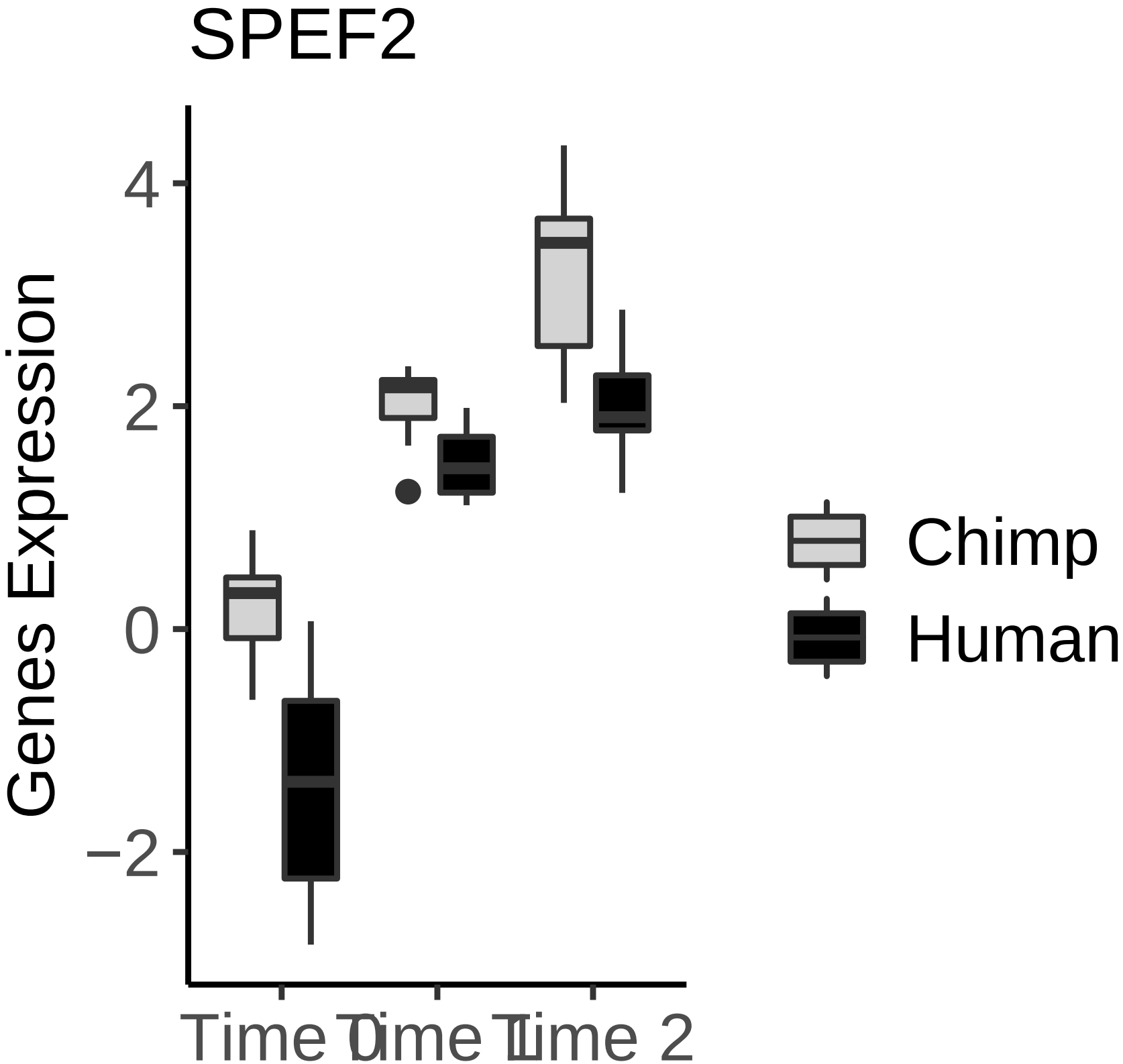
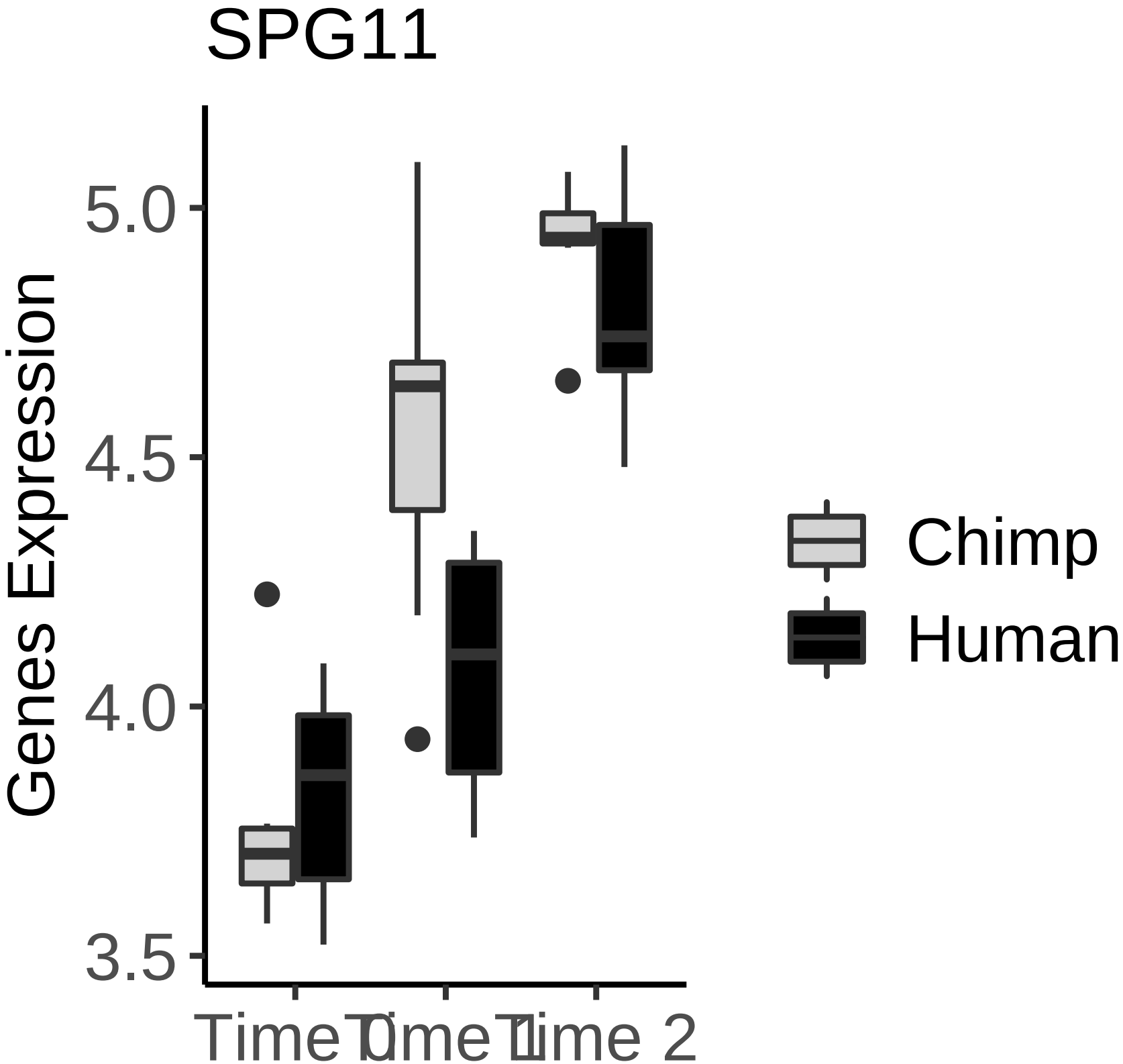
Genes Expression
4
0
−4
Time 0
Time 1
Time 2
Chimp
Human


SPEF2
Genes Expression
4
2
0
−2
Time 0
Time 1
Time 2
Chimp
Human


SPG11
Genes Expression
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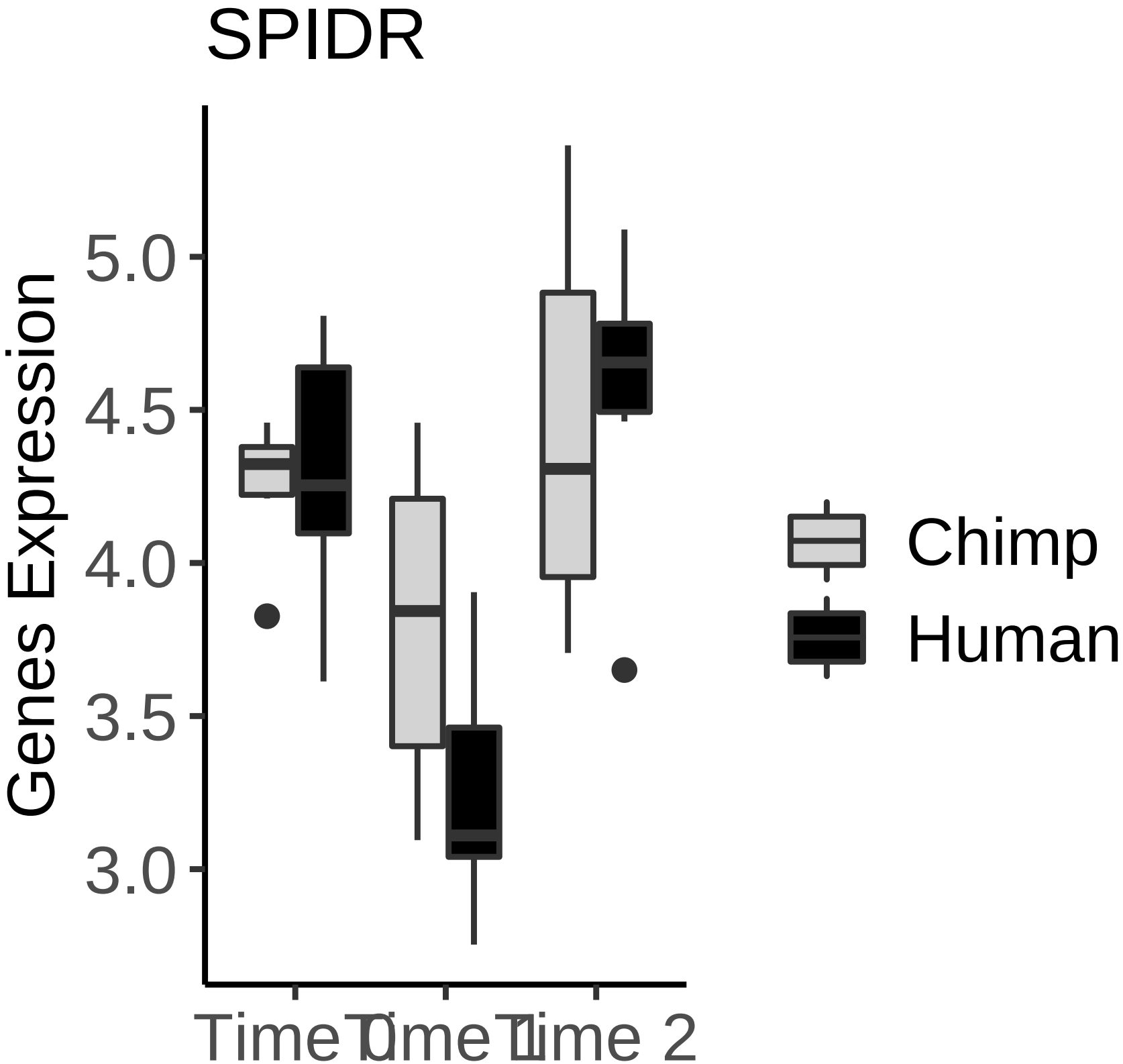
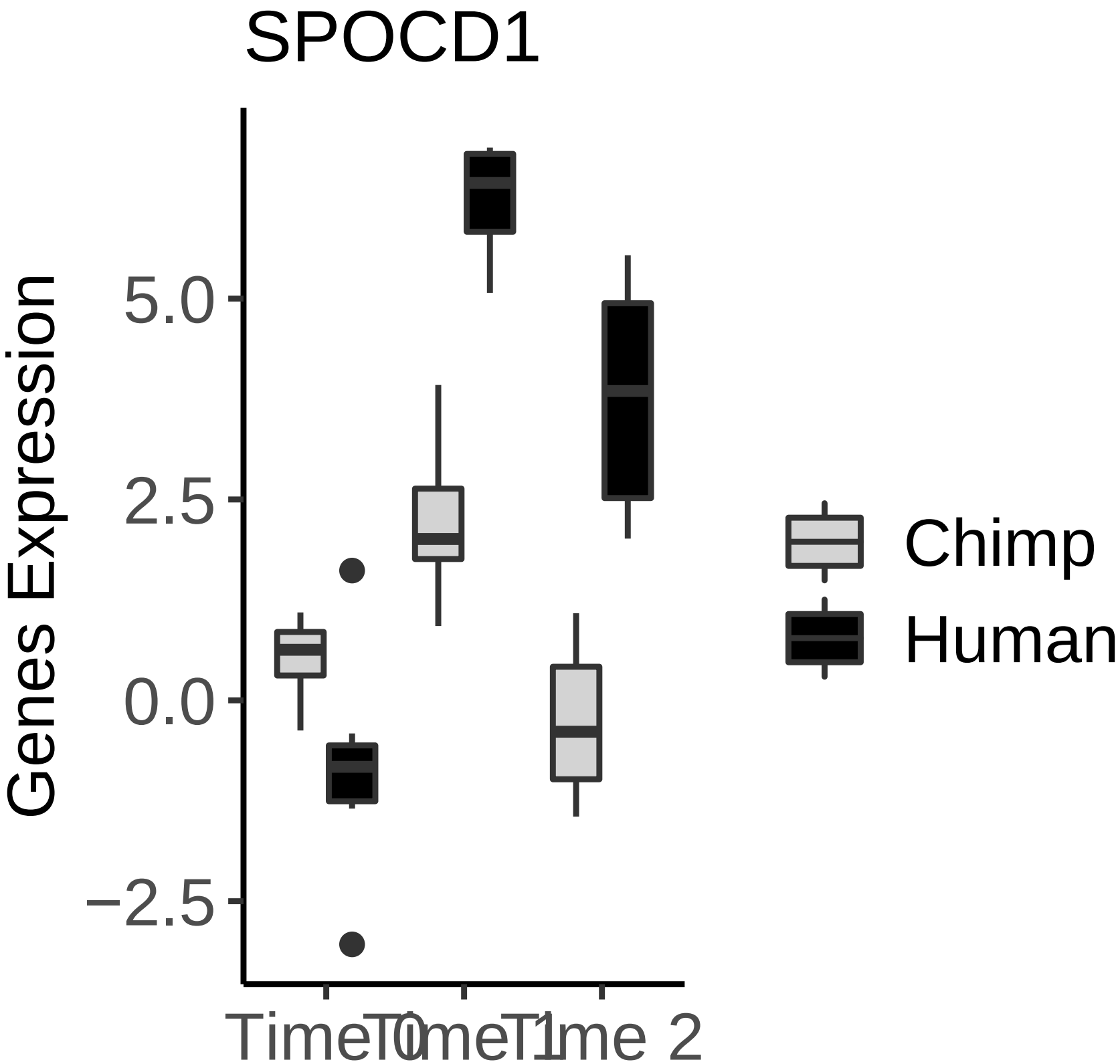
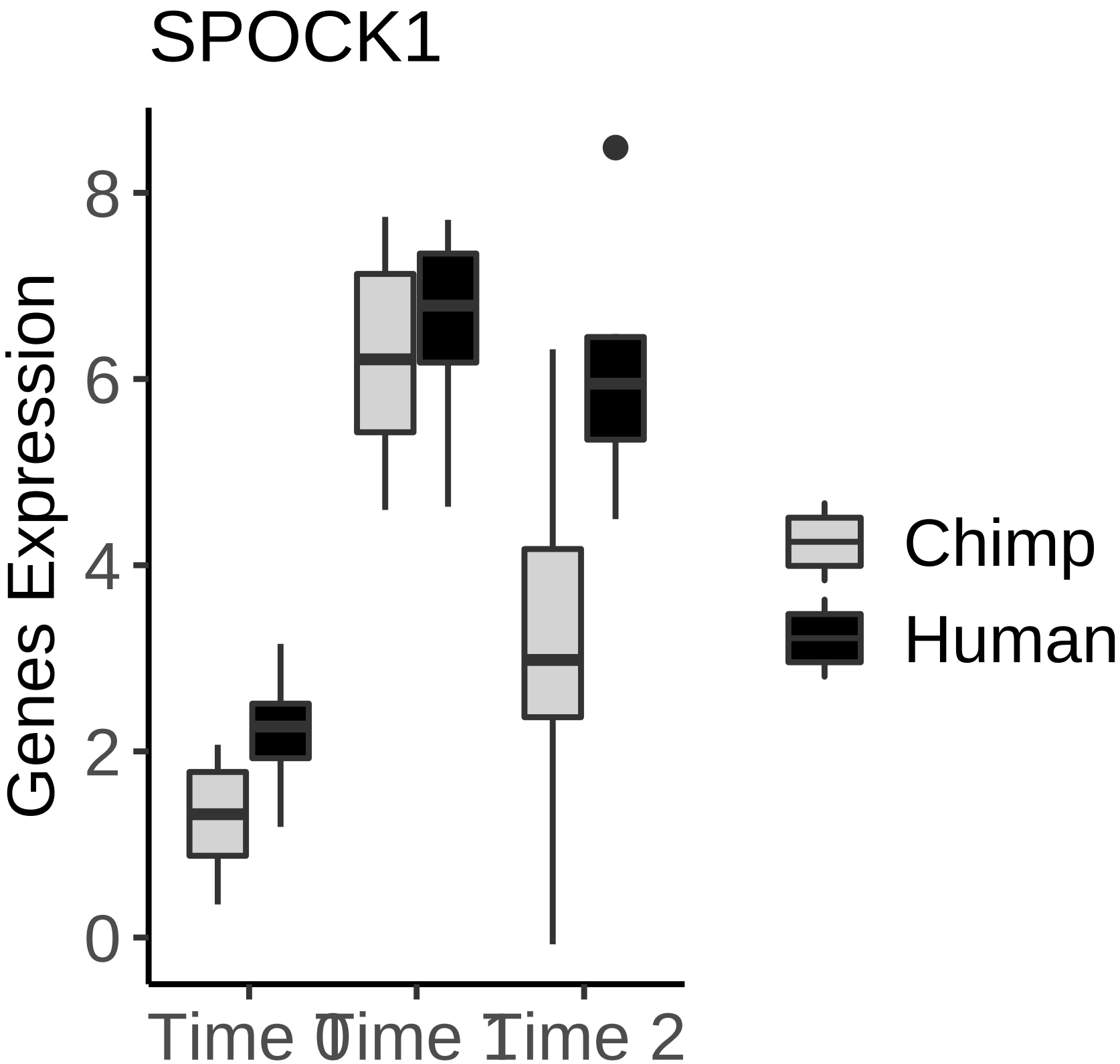
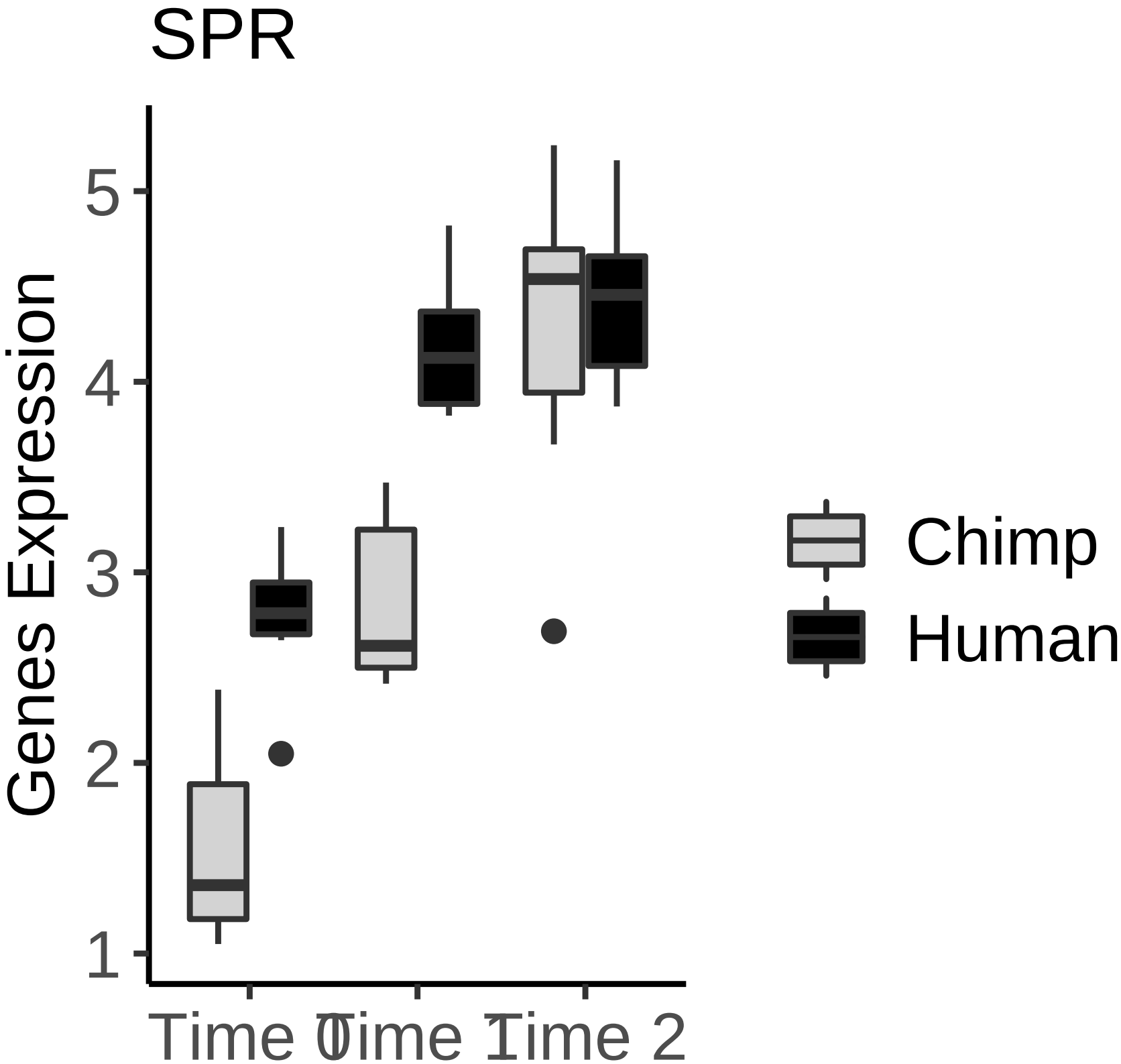
4.0
3.5
Time 0
Time 1
Time 2
Chimp
Human


SPIDR
Genes Expression
5.0
4.5
4.0
3.5
3.0
Time 0
Time 1
Time 2
Chimp
Human


SPOCD1
Genes Expression
5.0
2.5
0.0
−2.5
Time 0
Time 1
Time 2
Chimp
Human


SPOCK1
Genes Expression
0
2
4
6
8
Time 0
Time 1
Time 2
Chimp
Human


SPR
Genes Expression
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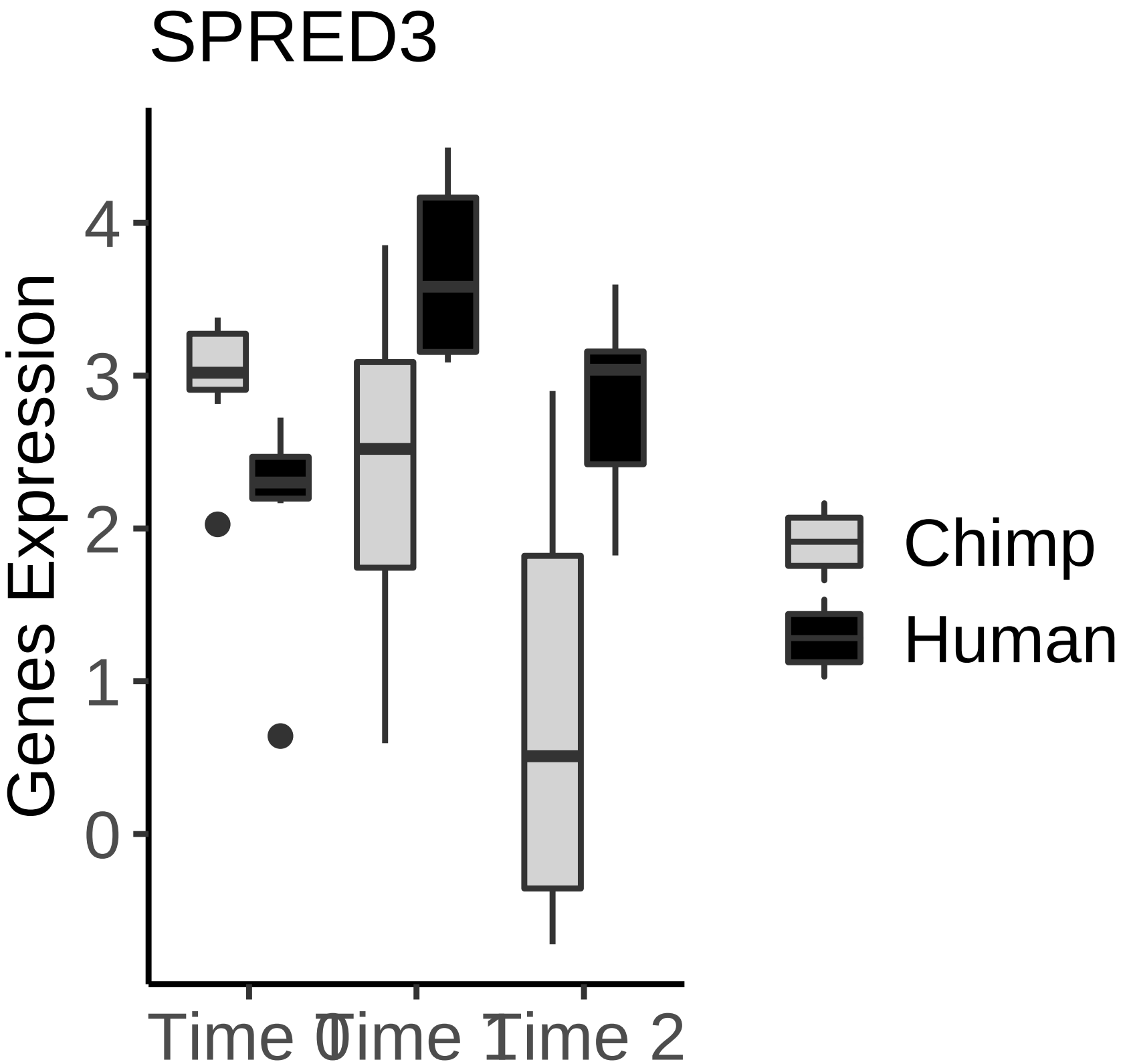
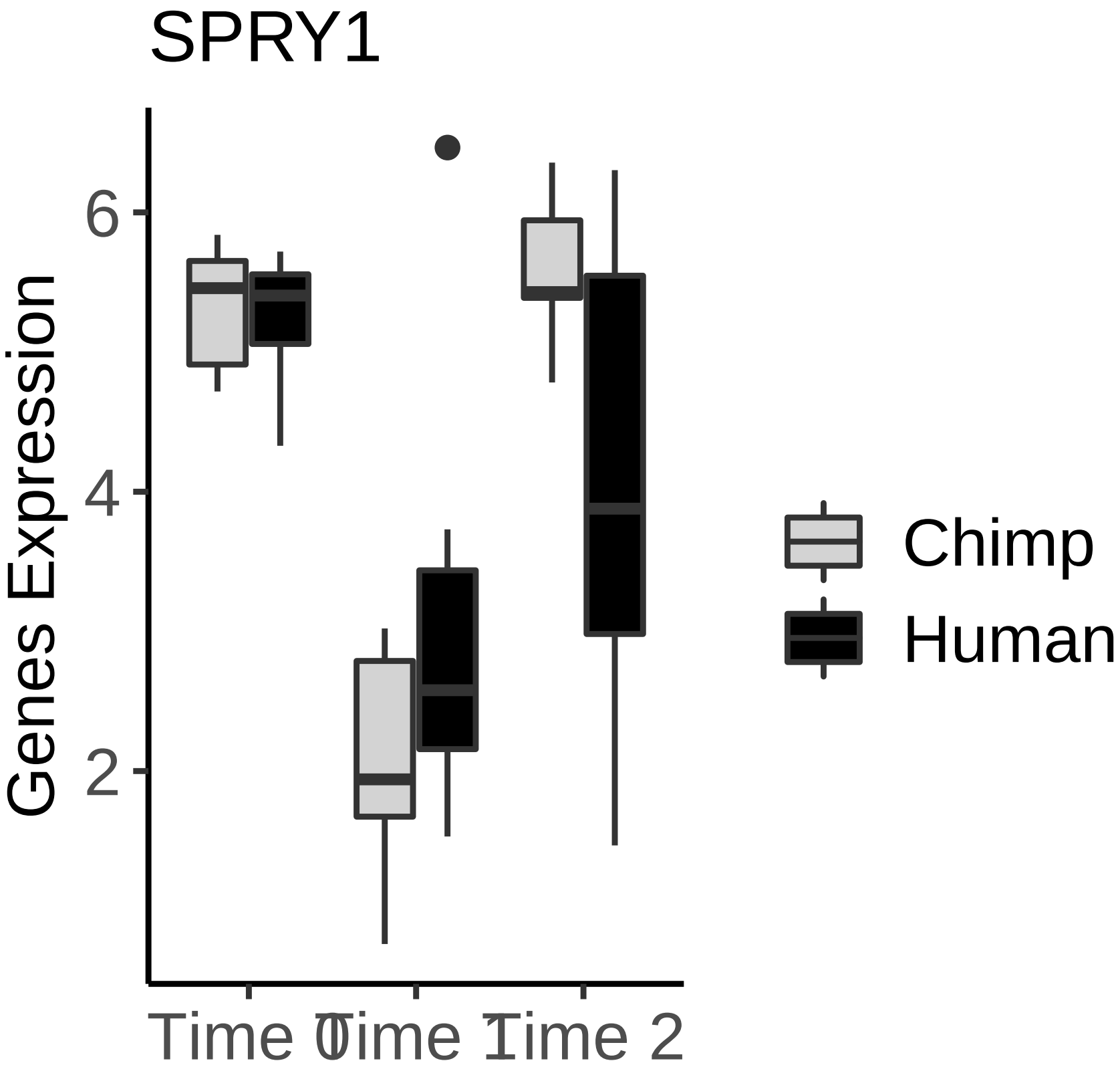
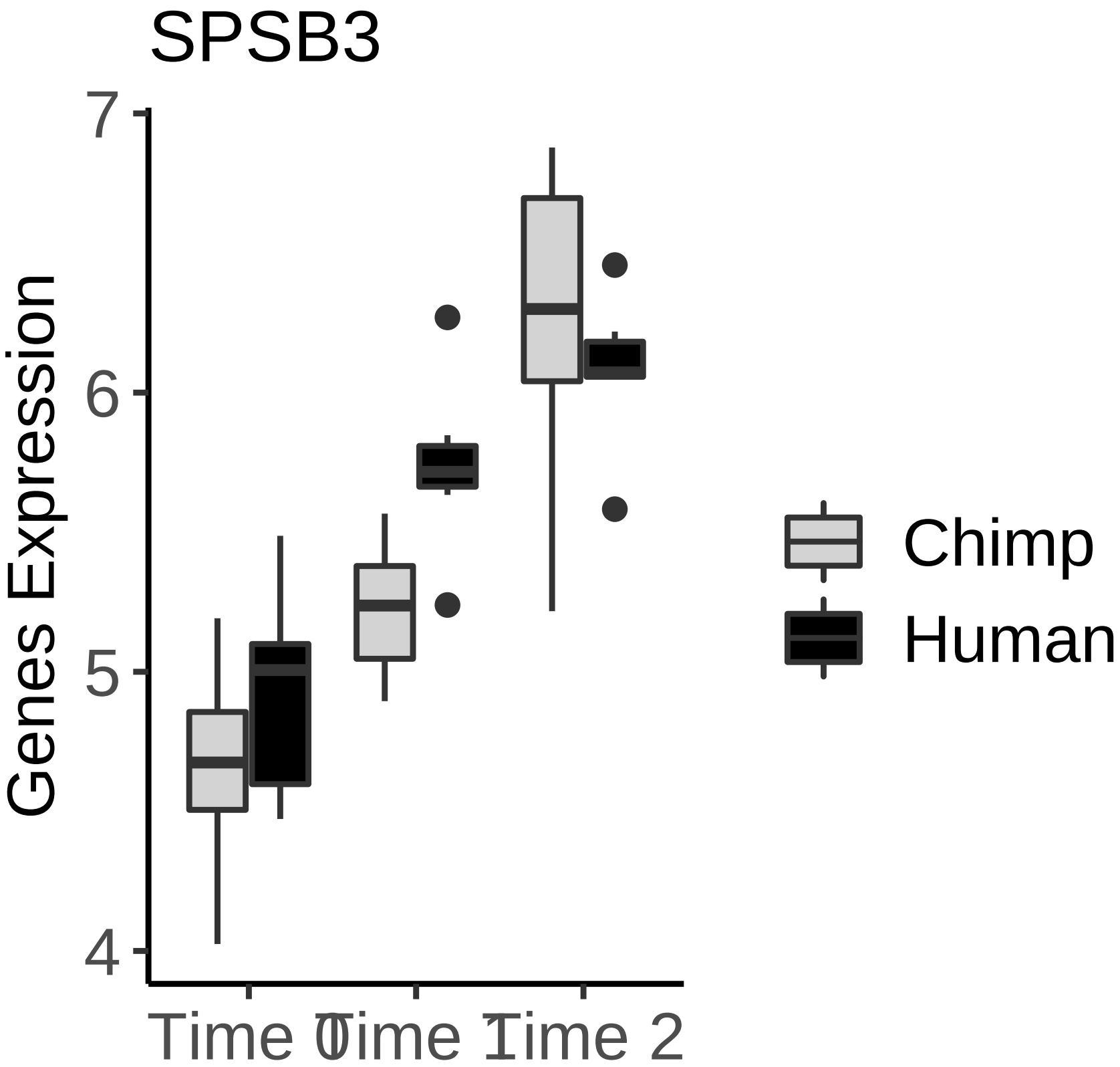
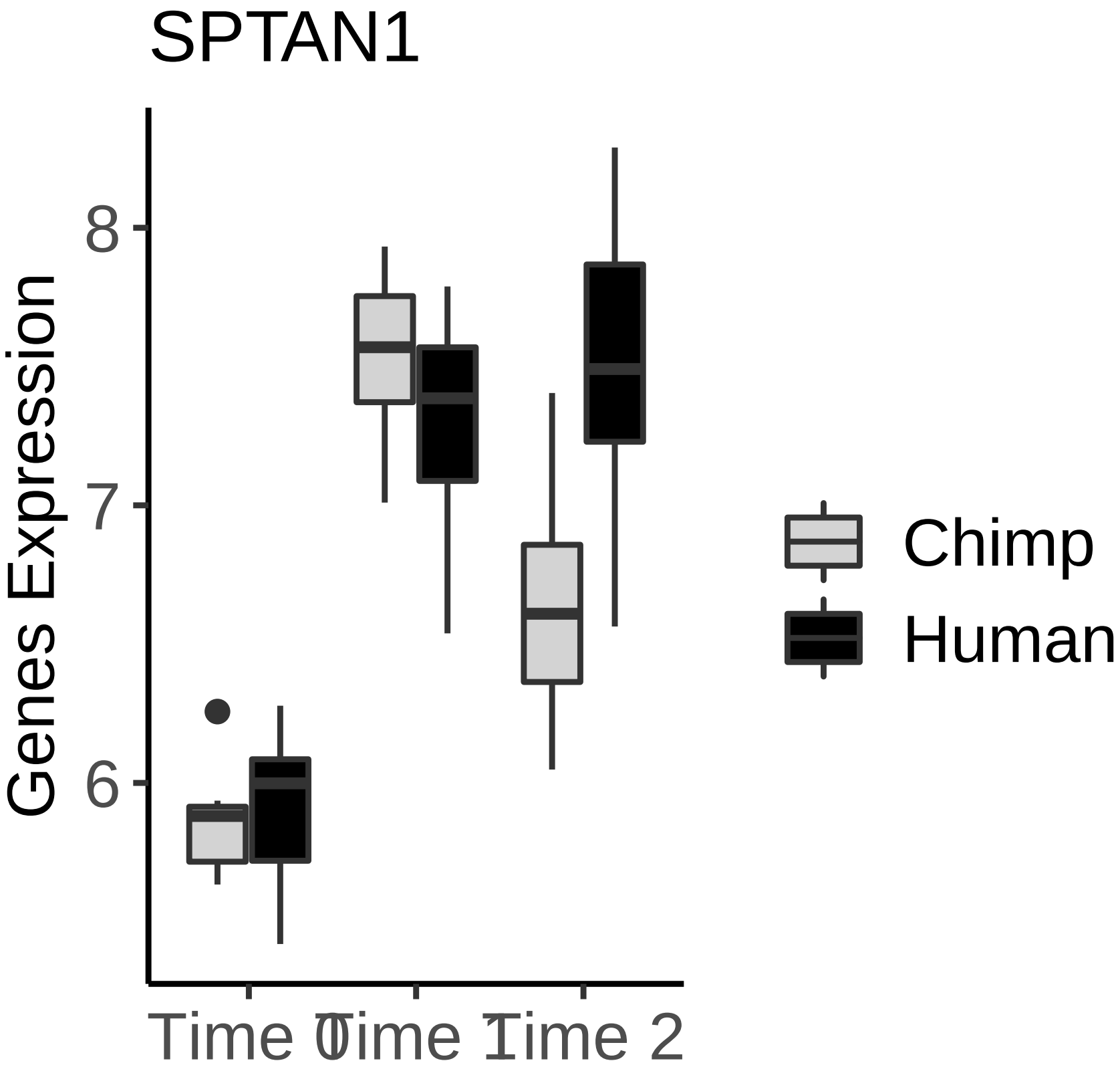
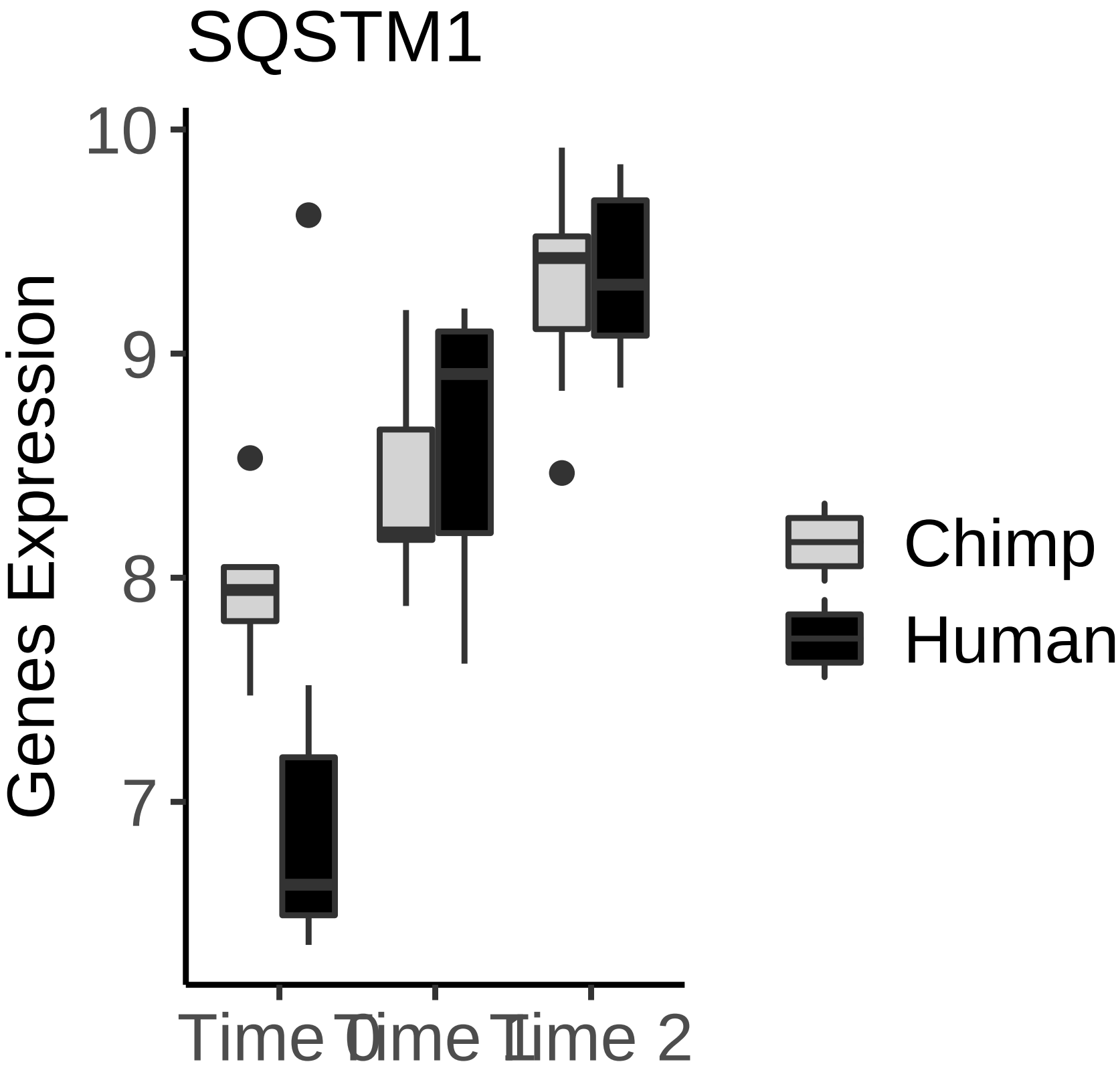
4
3
2
1
Time 0
Time 1
Time 2
Chimp
Human

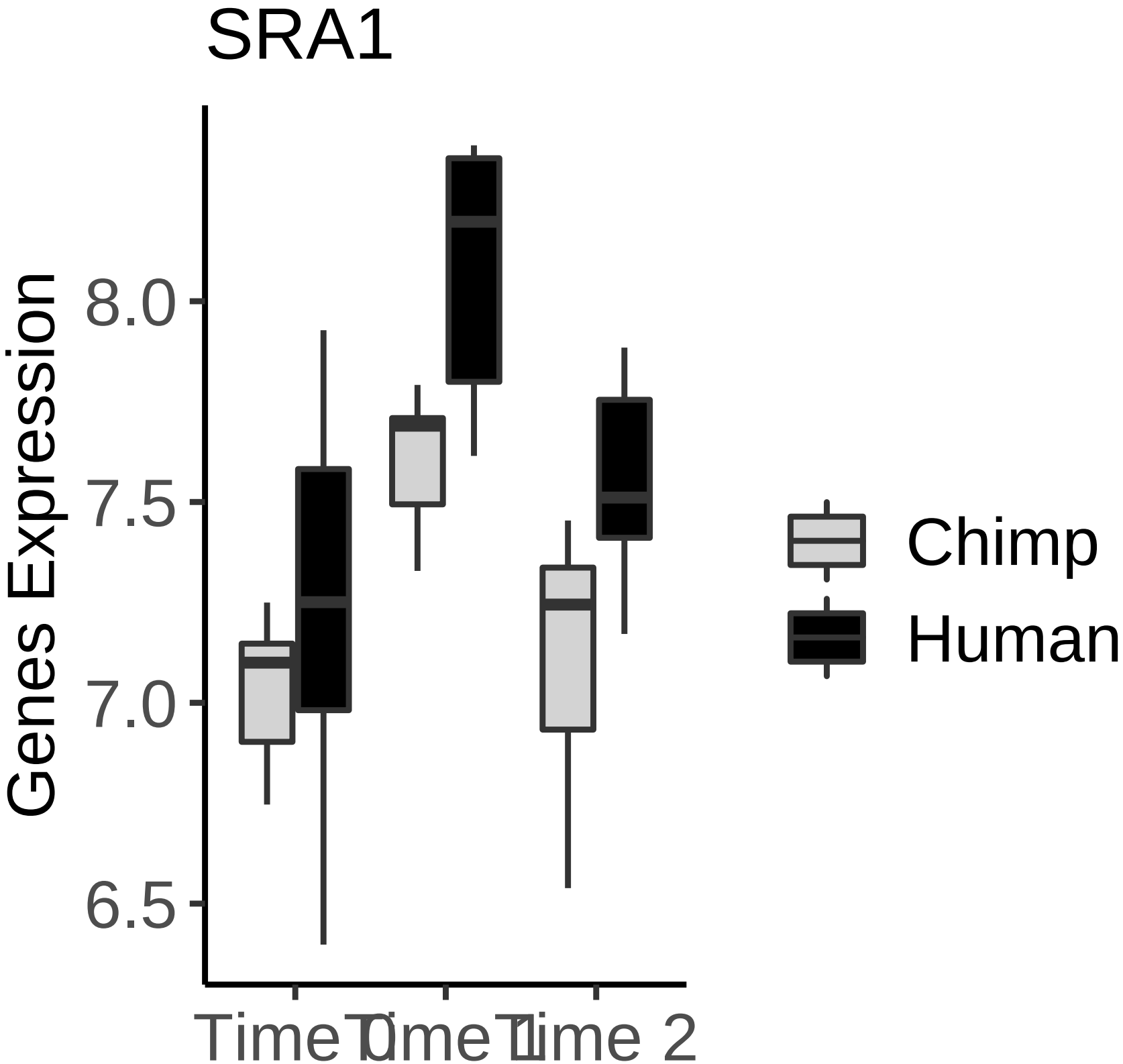

SPRED3
Genes Expression
4
3
2
1
0
Time 0
Time 1
Time 2
Chimp
Human


SPRY1
Genes Expression
6
4
2
Time 0
Time 1
Time 2
Chimp
Human


SPSB3
Genes Expression
7
6
5
4
Time 0
Time 1
Time 2
Chimp
Human


SPTAN1
Genes Expression
8
7
6
Time 0
Time 1
Time 2
Chimp
Human


SQSTM1
Genes Expression
10
9
8
7
Time 0
Time 1
Time 2
Chimp
Human


SRA1
Genes Expression
8.0
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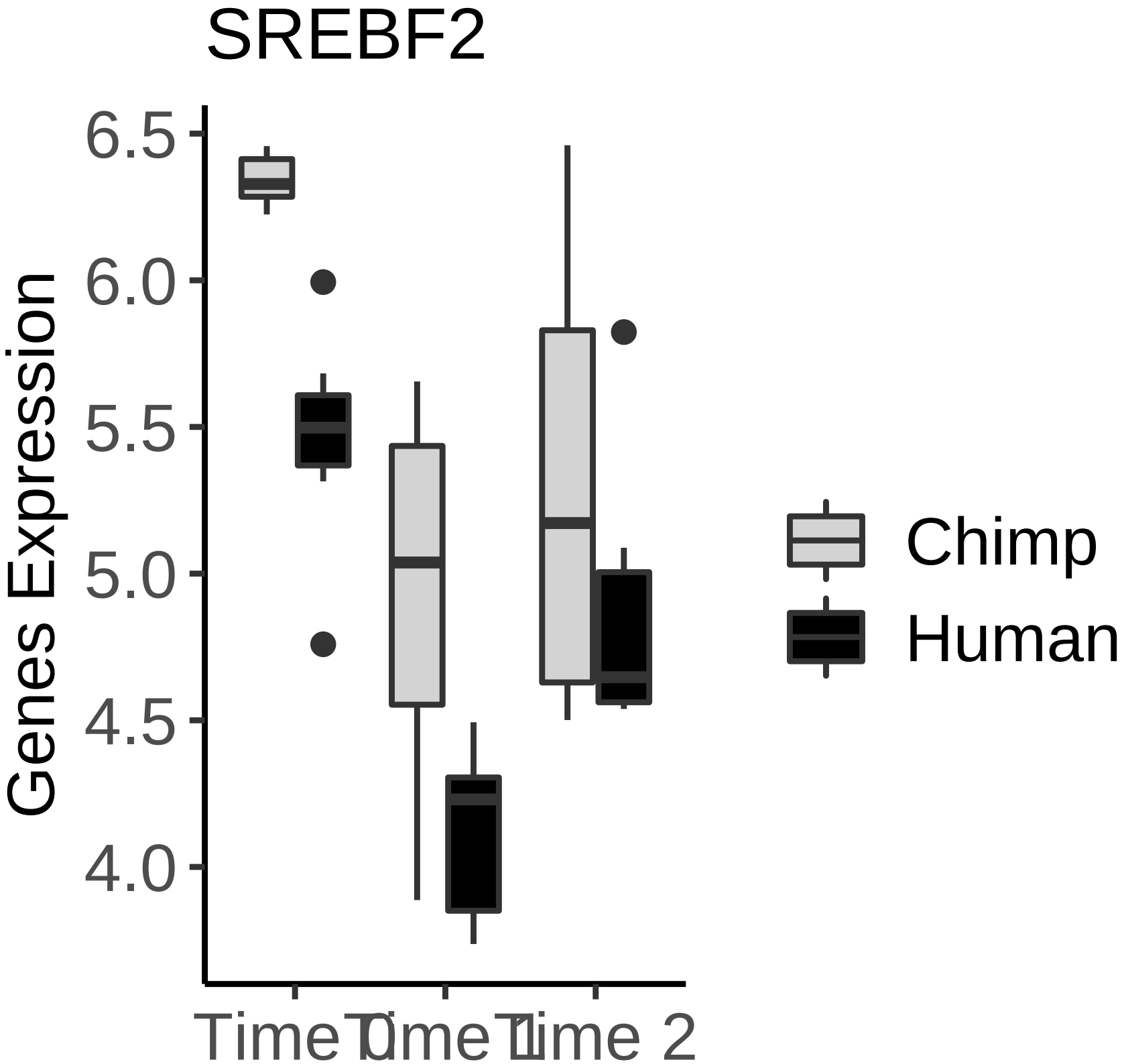
7.0
6.5
Time 0
Time 1
Time 2
Chimp
Human


SREBF2
Genes Expression
6.5
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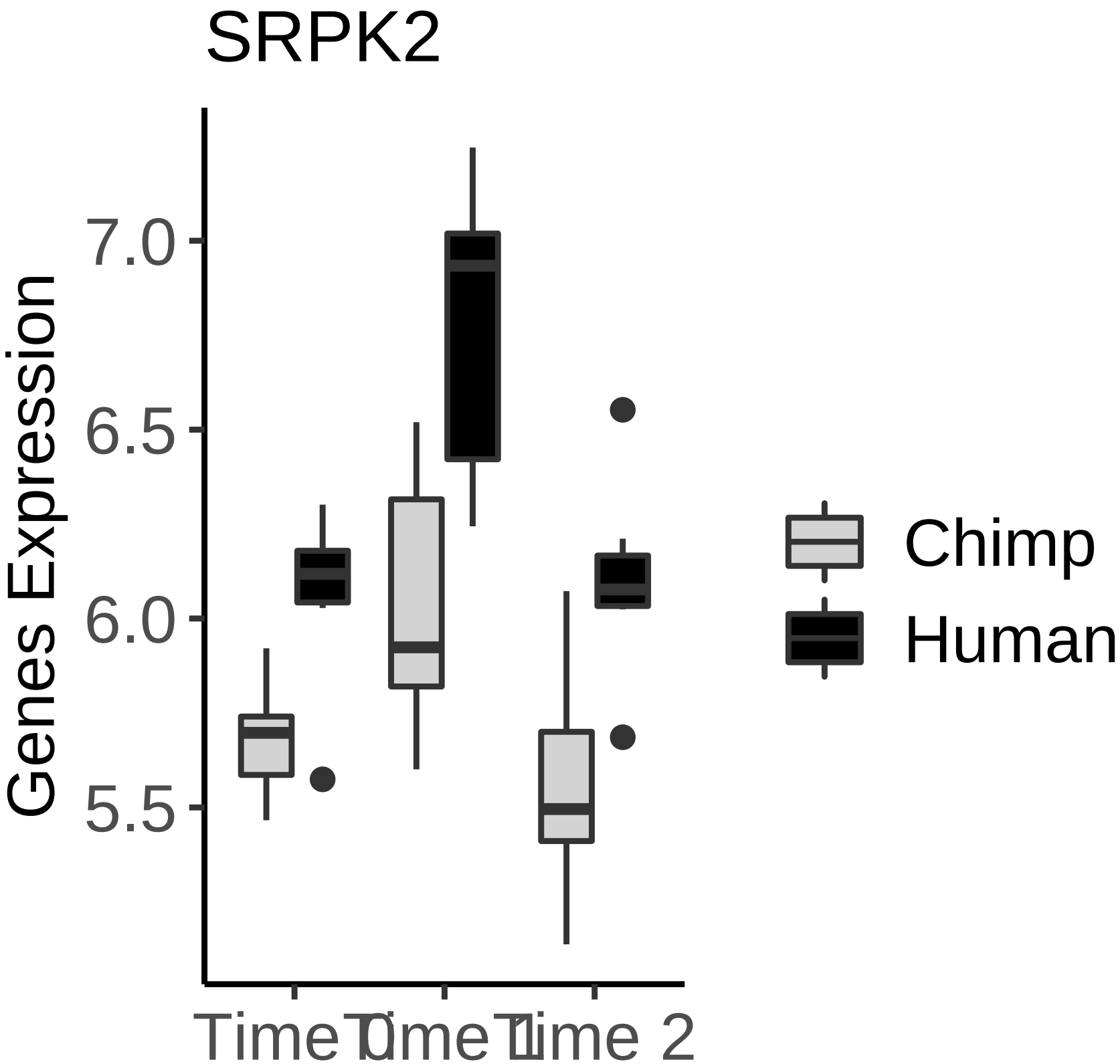
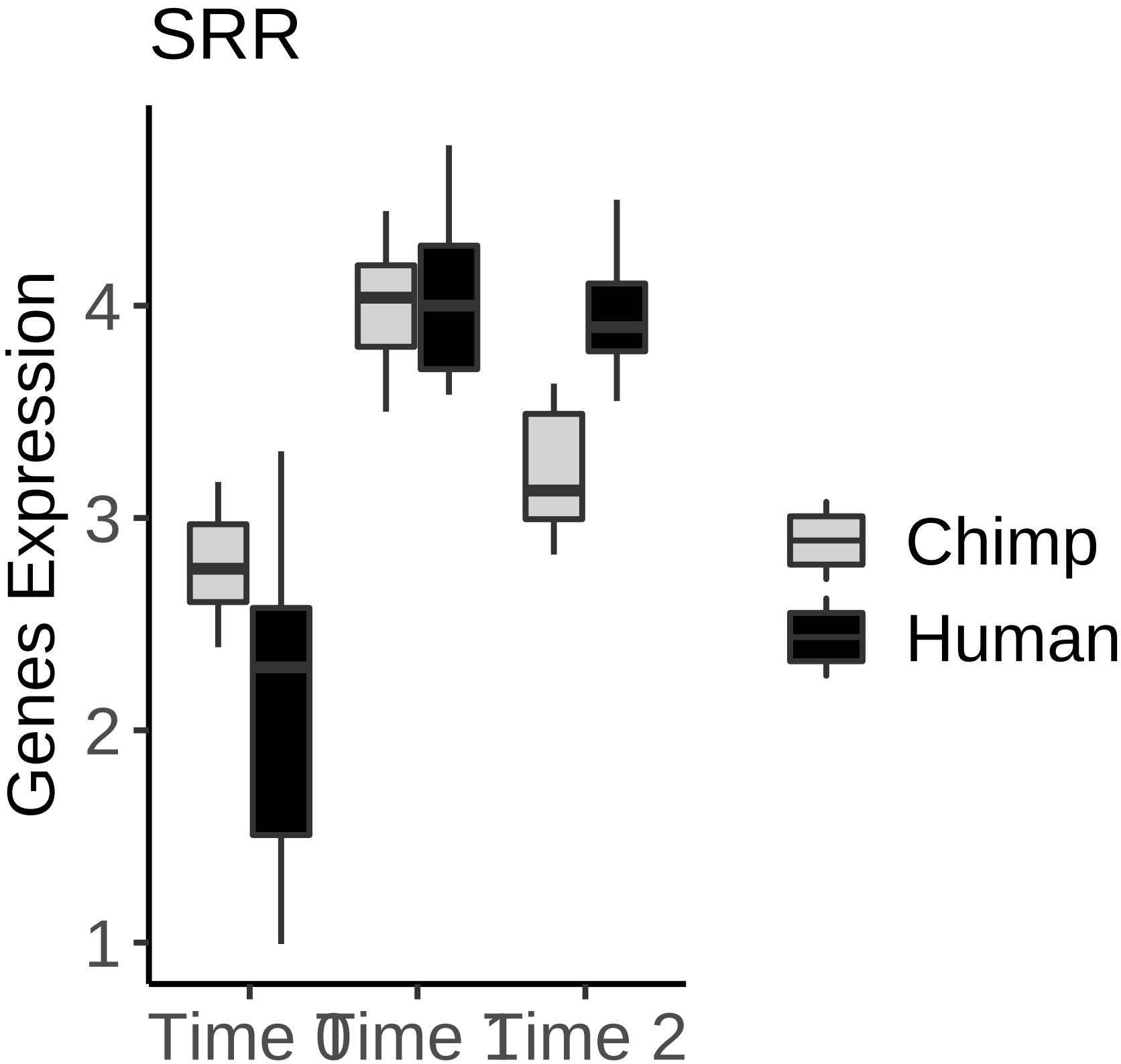
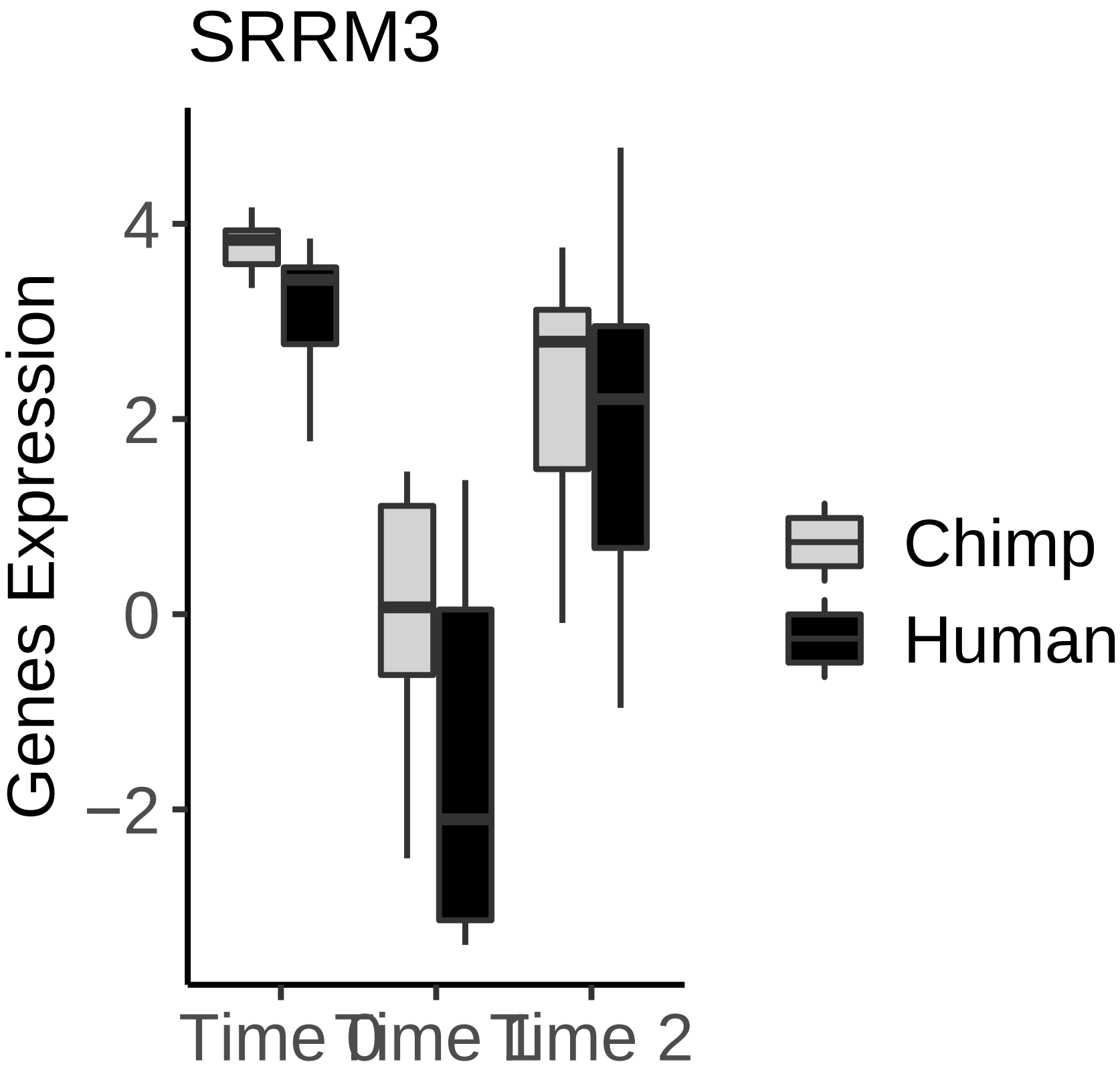
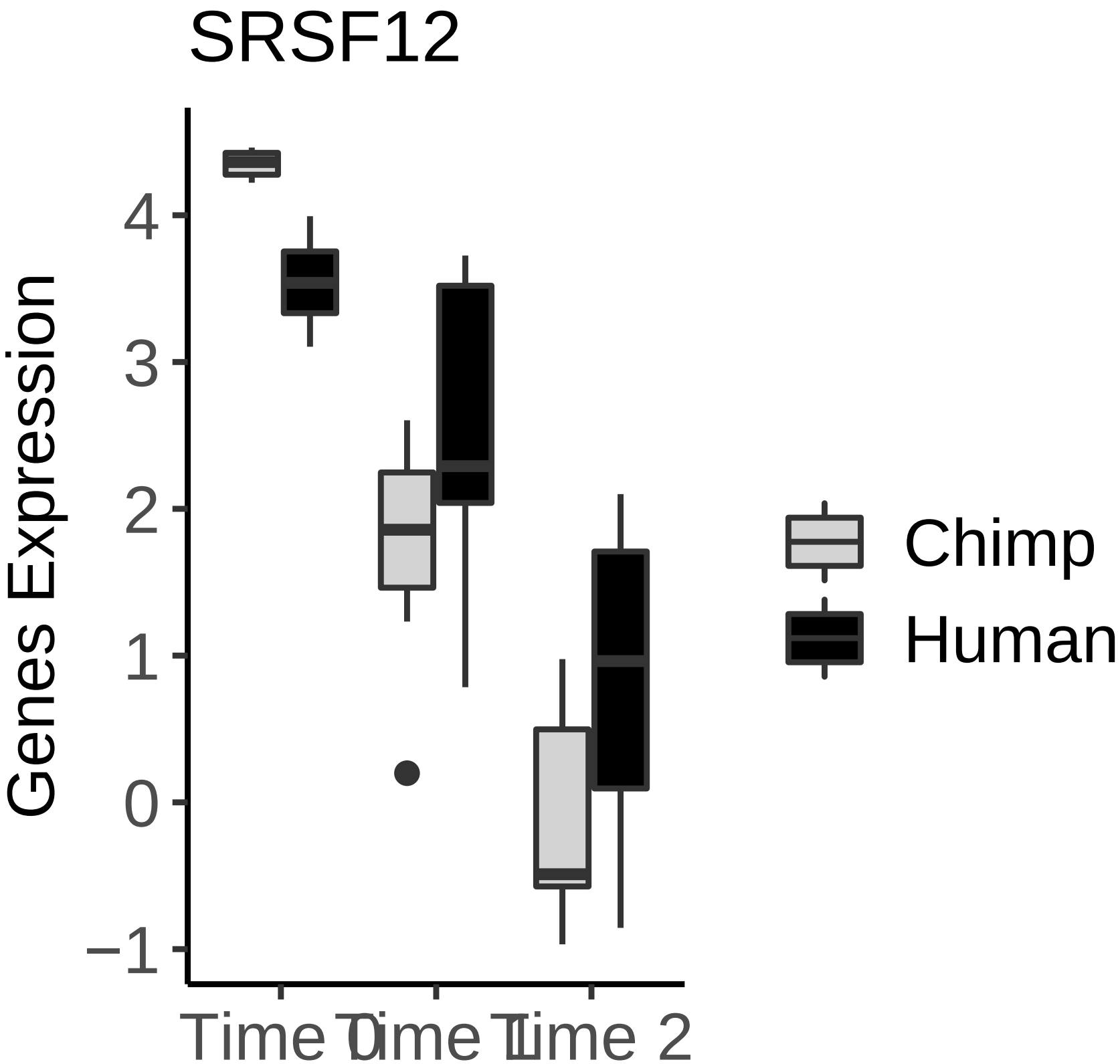
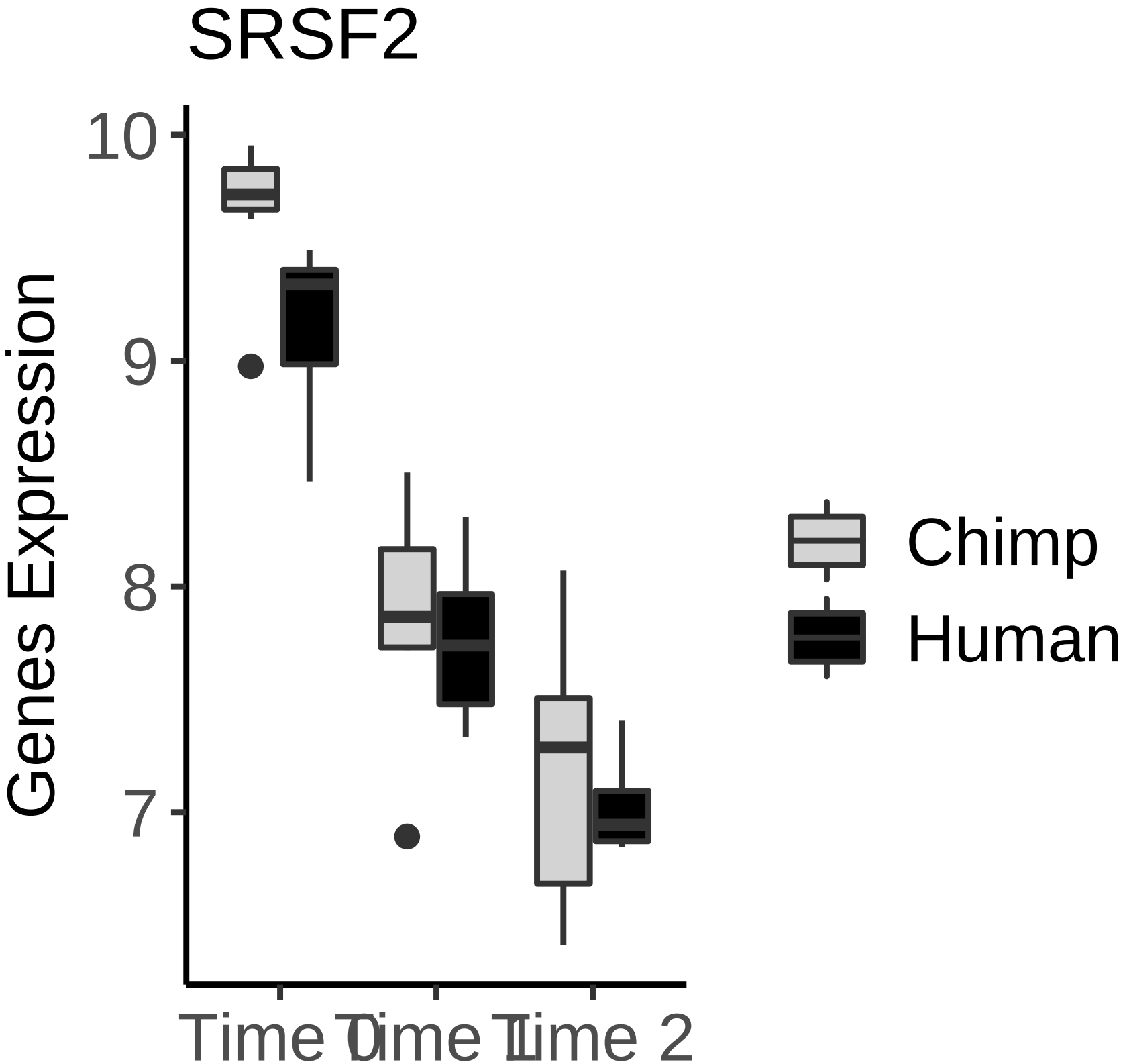
5.5
5.0
4.5
4.0
Time 0
Time 1
Time 2
Chimp
Human

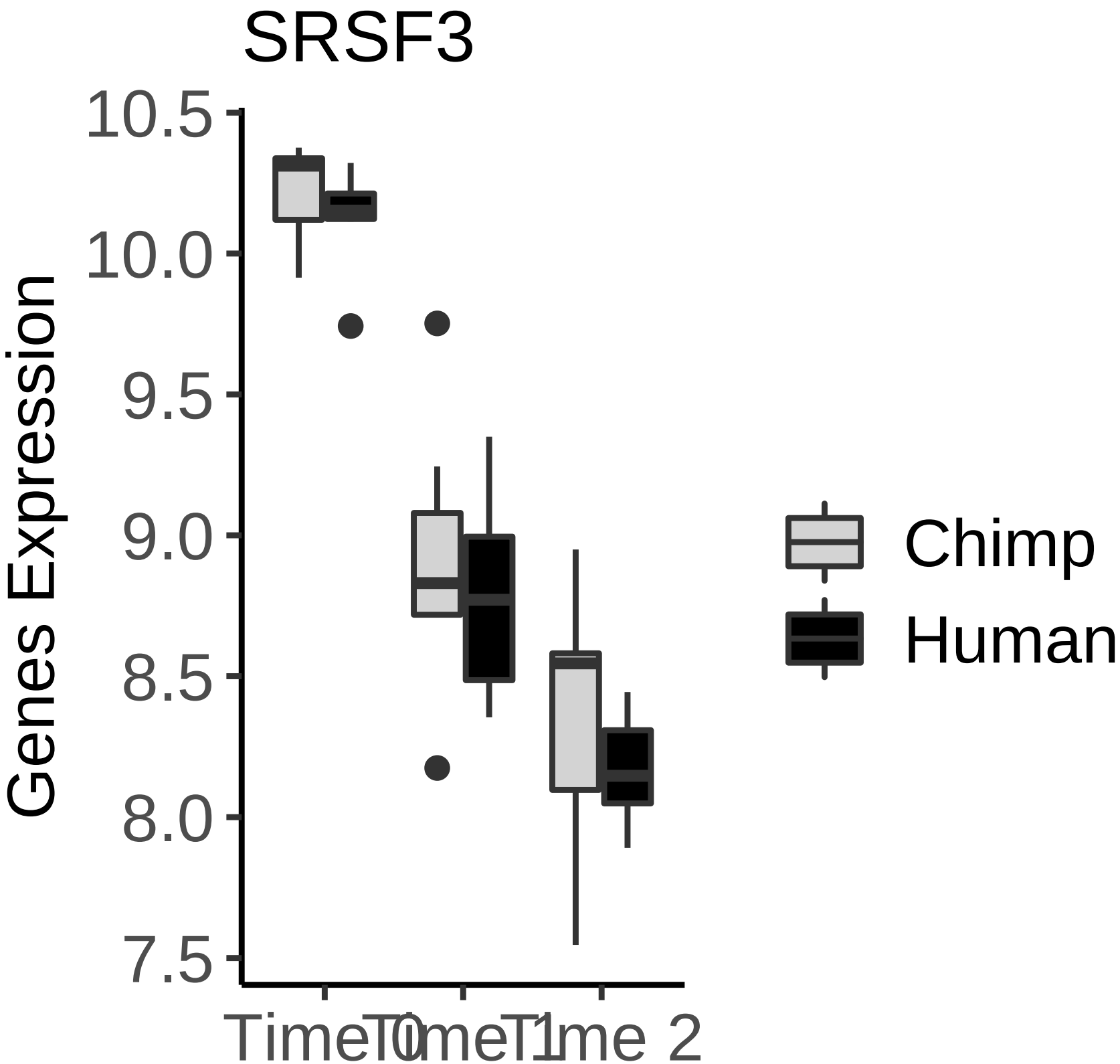

SRPK2
Genes Expression
7.0
6.5
6.0
5.5
Time 0
Time 1
Time 2
Chimp
Human

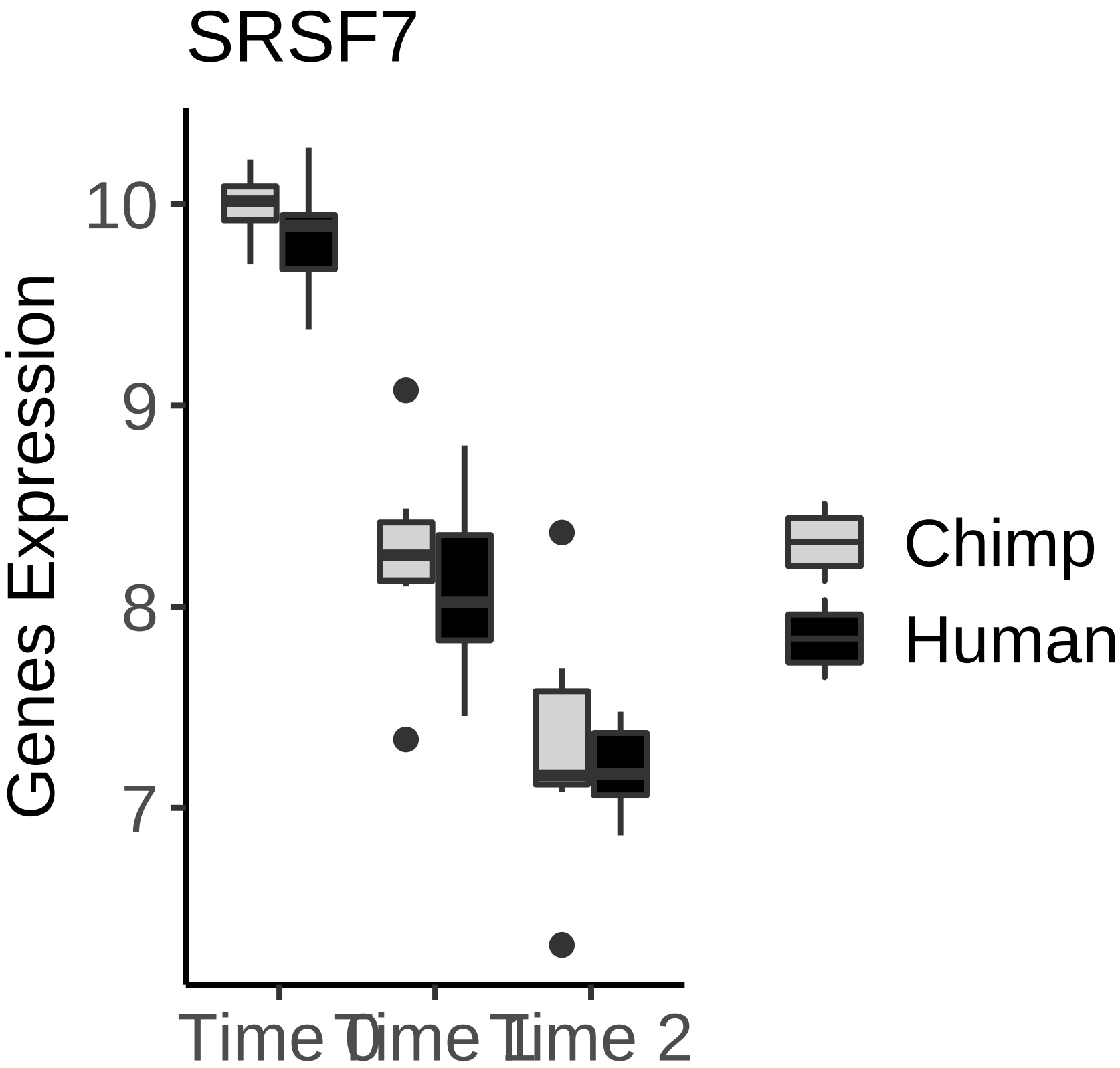

SRR
Genes Expression
4
3
2
1
Time 0
Time 1
Time 2
Chimp
Human

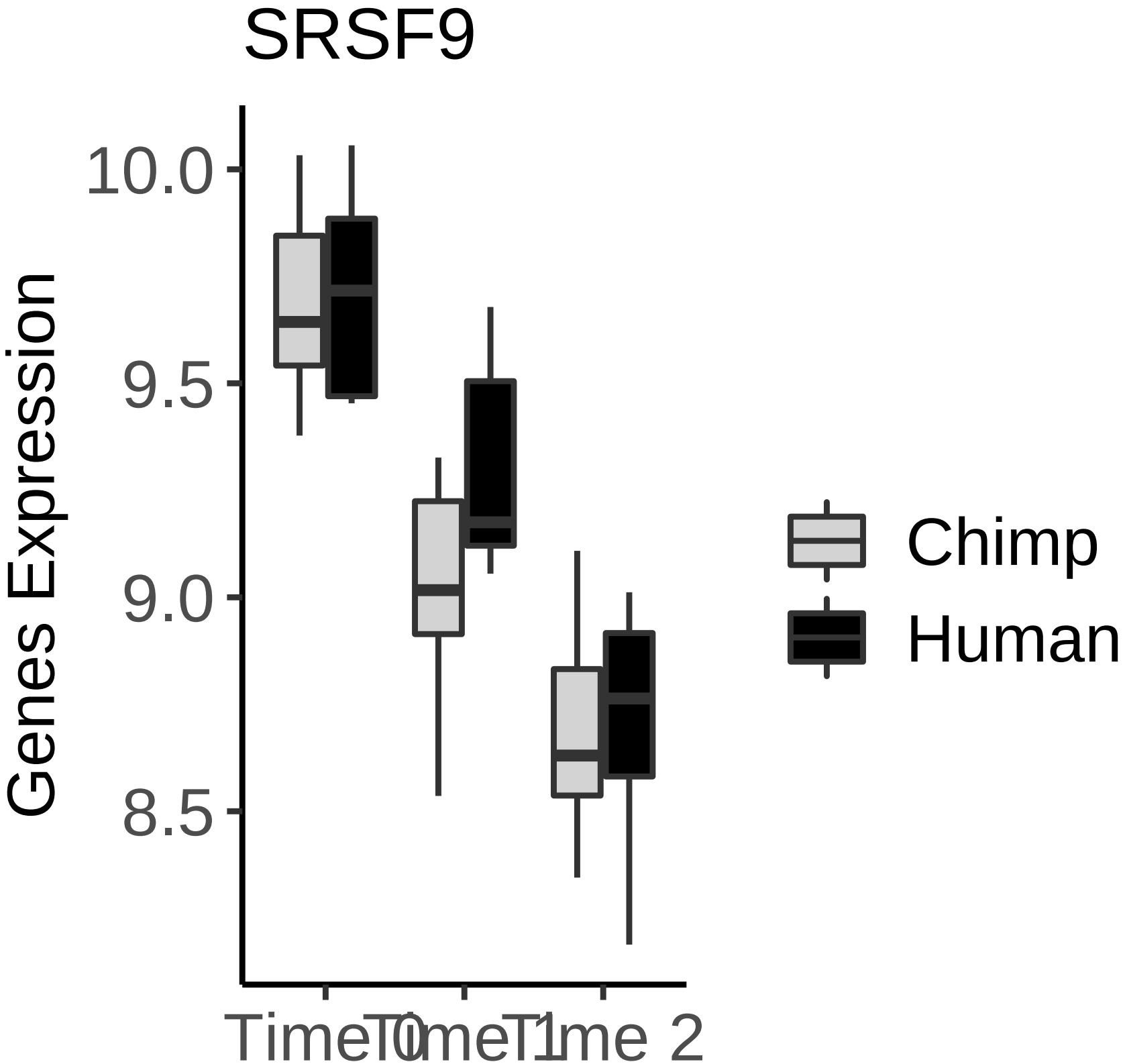

SRRM3
Genes Expression
4
2
0
−2
Time 0
Time 1
Time 2
Chimp
Human


SRSF12
Genes Expression
4
3
2
1
0
−1
Time 0
Time 1
Time 2
Chimp
Human


SRSF2
Genes Expression
10
9
8
7
Time 0
Time 1
Time 2
Chimp
Human


SRSF3
Genes Expression
10.5
10.0
9.5
9.0
8.5
8.0
7.5
Time 0
Time 1
Time 2
Chimp
Human


SRSF7
Genes Expression
10
9
8
7
Time 0
Time 1
Time 2
Chimp
Human


SRSF9
Genes Expression
10.0
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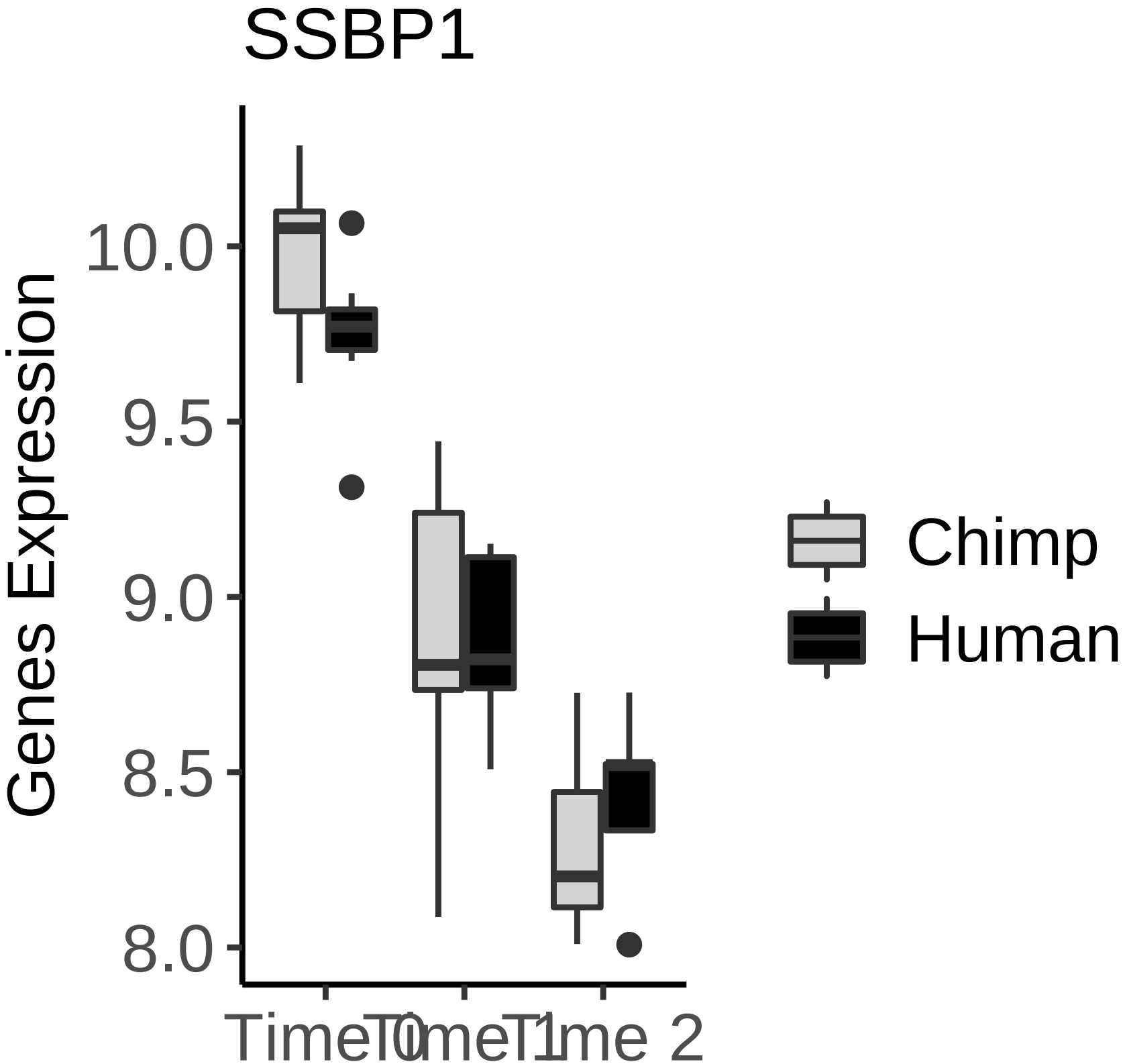
9.0
8.5
Time 0
Time 1
Time 2
Chimp
Human


SSBP1
Genes Expression
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9.0
8.5
8.0
Time 0
Time 1
Time 2
Chimp
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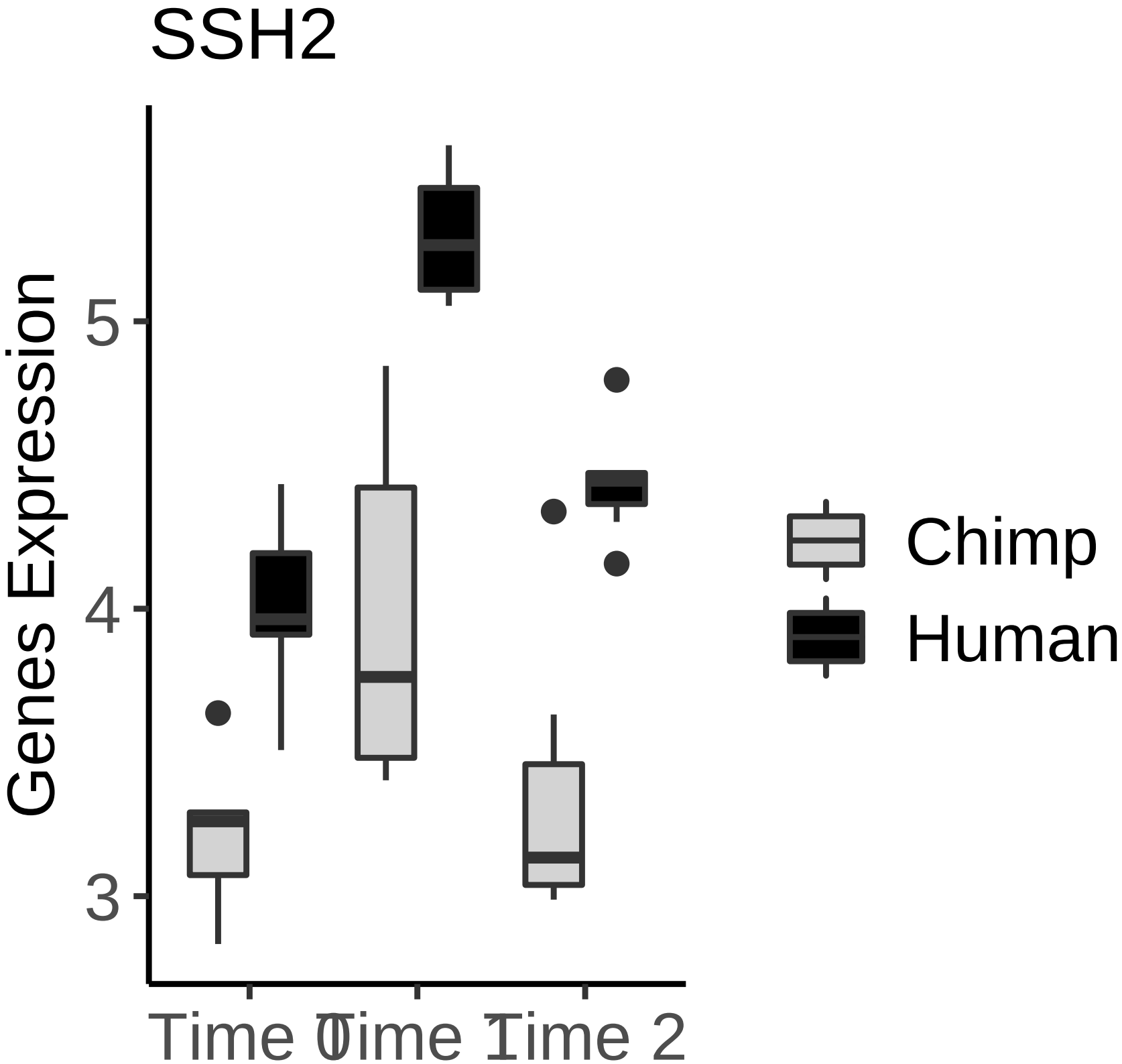
SSH2
Genes Expression
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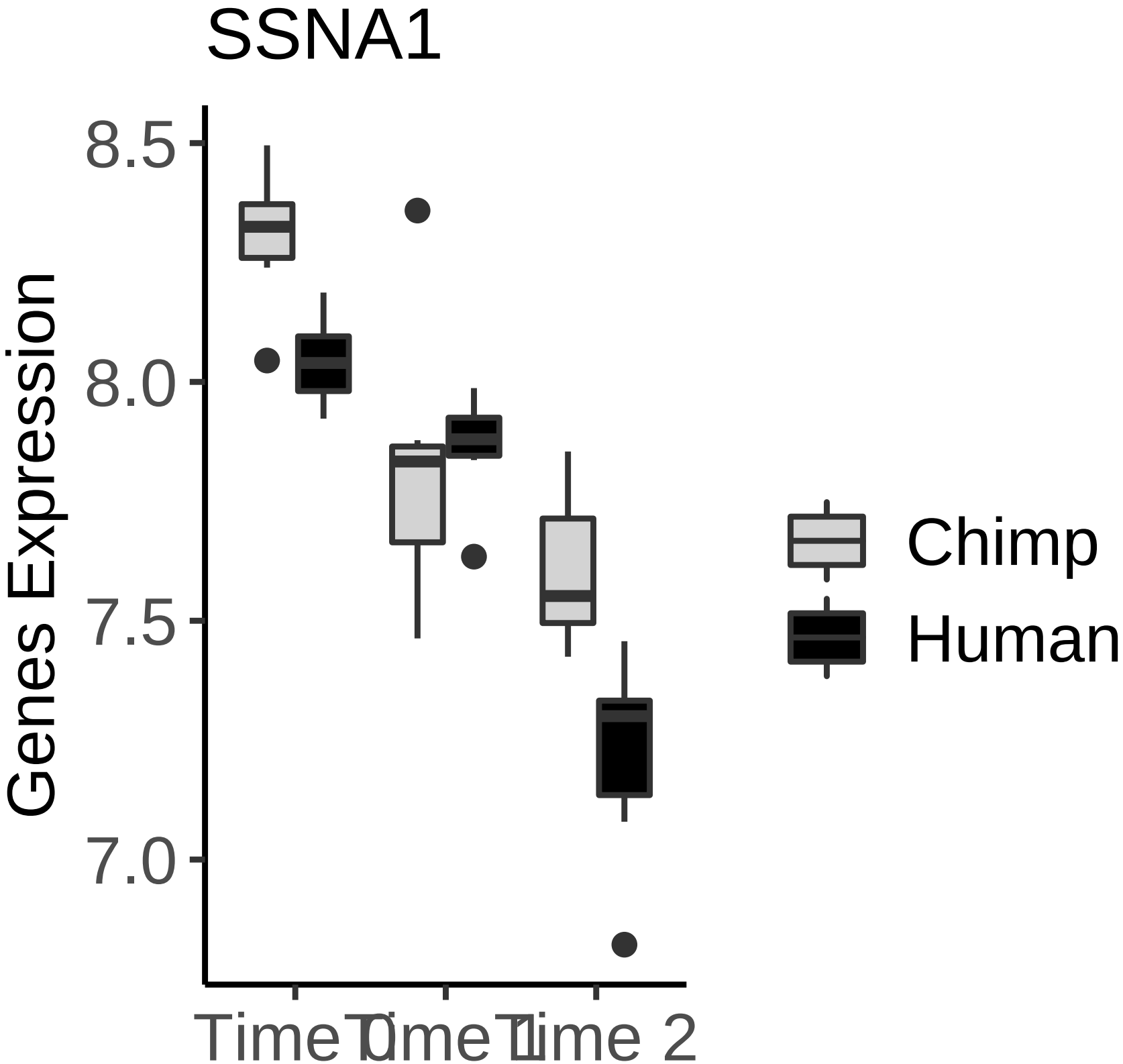
4
3
Time 0
Time 1
Time 2
Chimp
Human


SSNA1
Genes Expression
8.5
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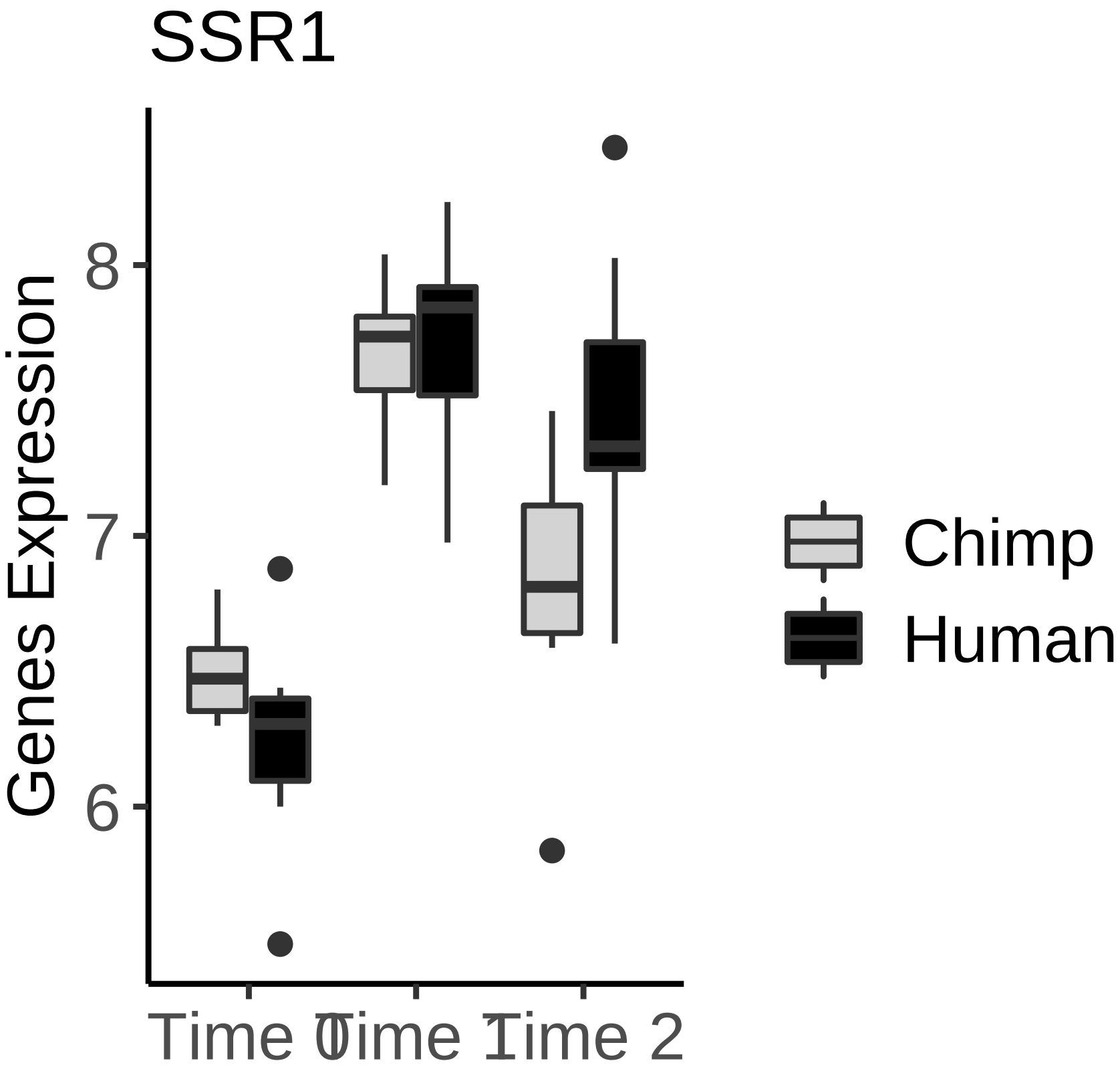
7.0
Time 0
Time 1
Time 2
Chimp
Human


SSR1
Genes Expression
8
7
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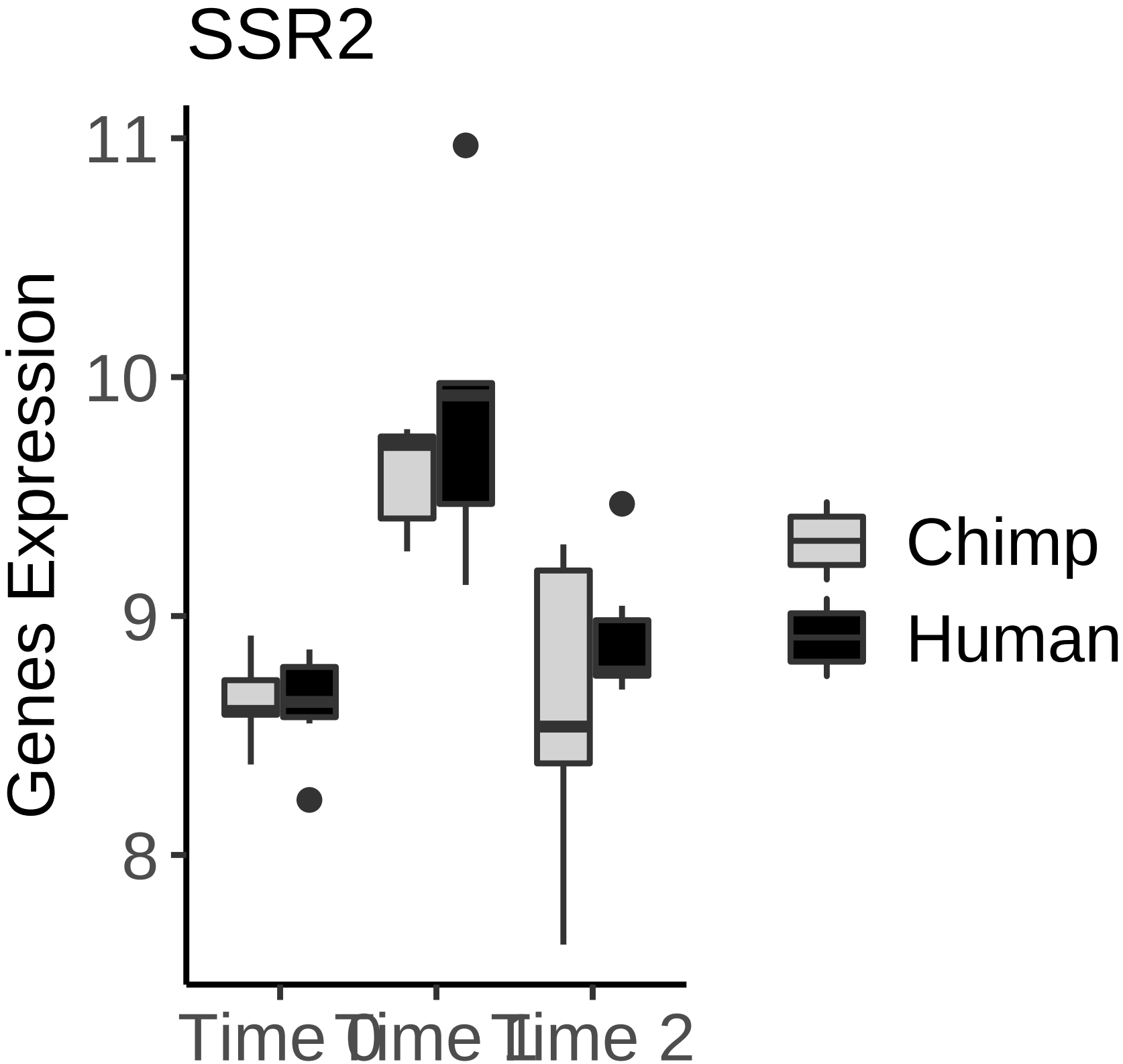
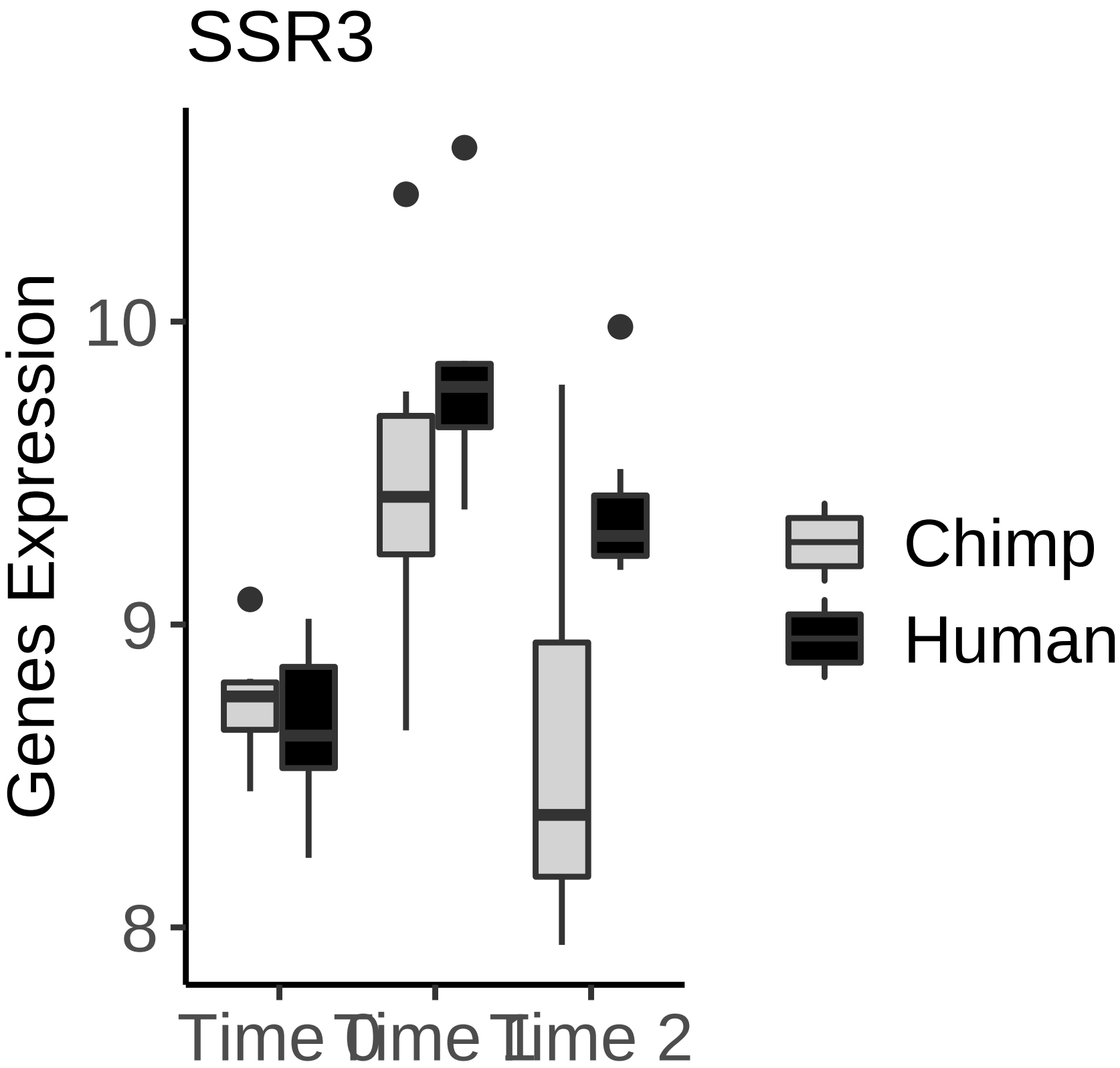
Time 1
Time 2
Chimp
Human


SSR2
Genes Expression
11
10
9
8
Time 0
Time 1
Time 2
Chimp
Human


SSR3
Genes Expression
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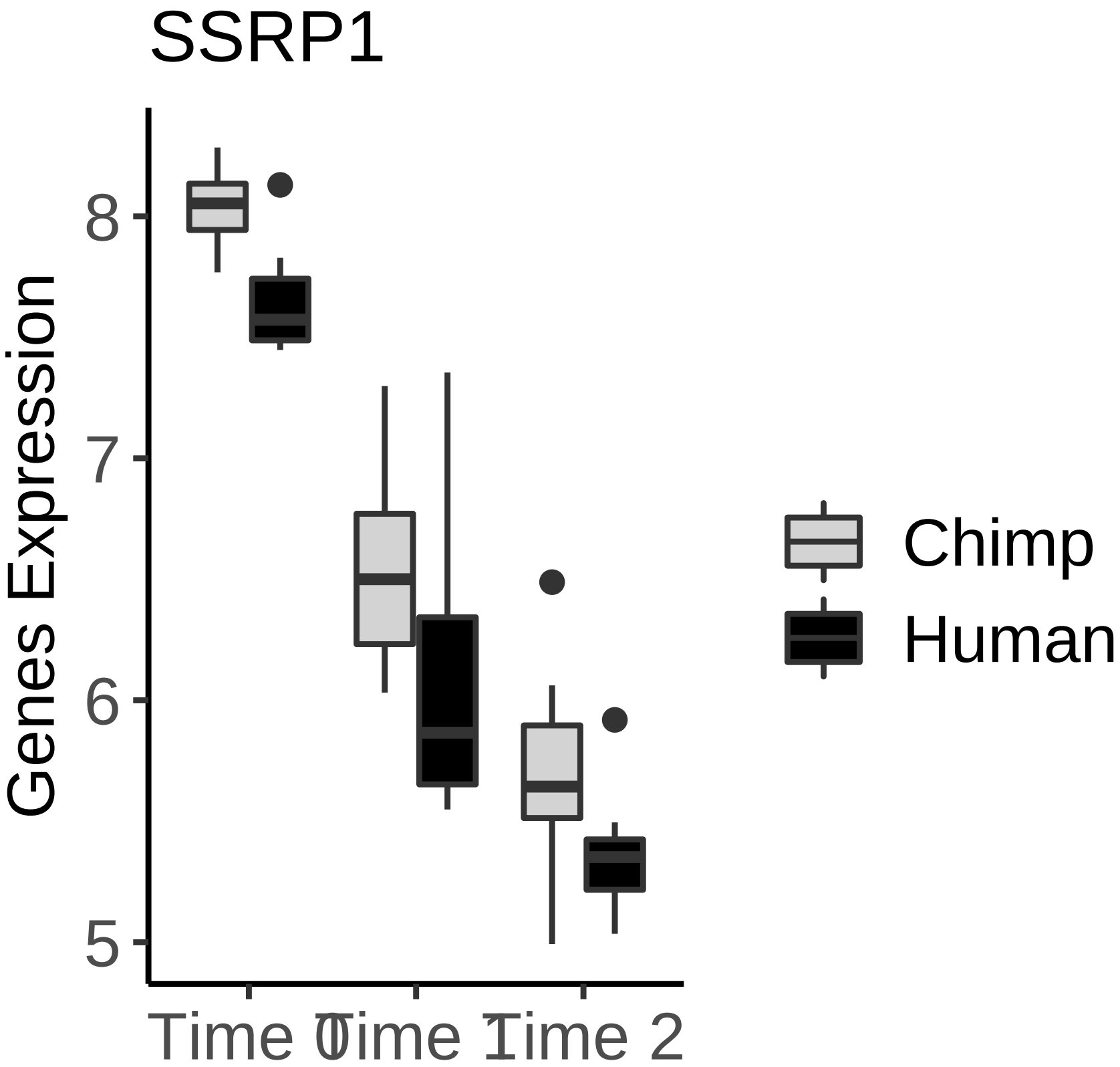
9
8
Time 0
Time 1
Time 2
Chimp
Human


SSRP1
Genes Expression
8
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6
5
Time 0
Time 1
Time 2
Chimp
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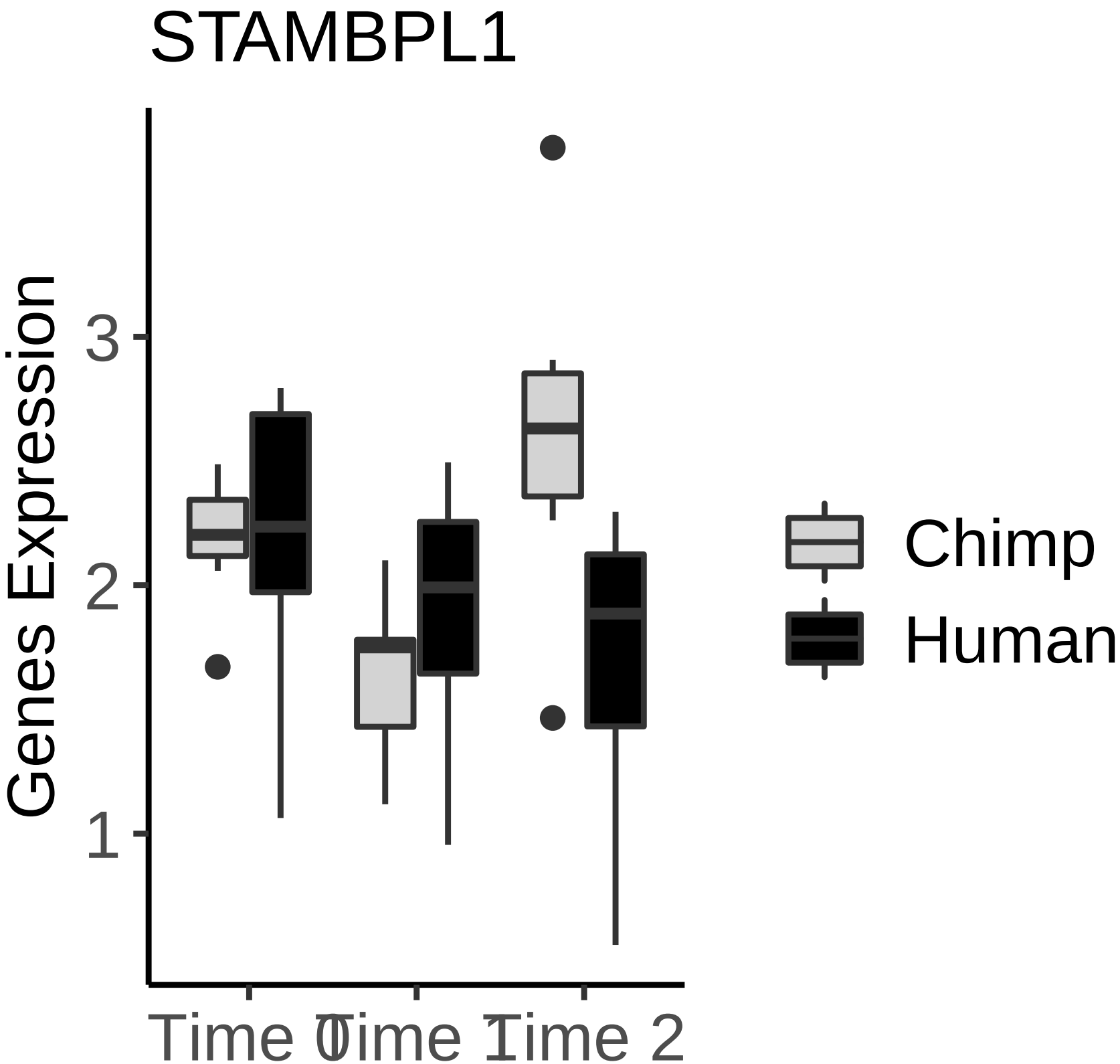
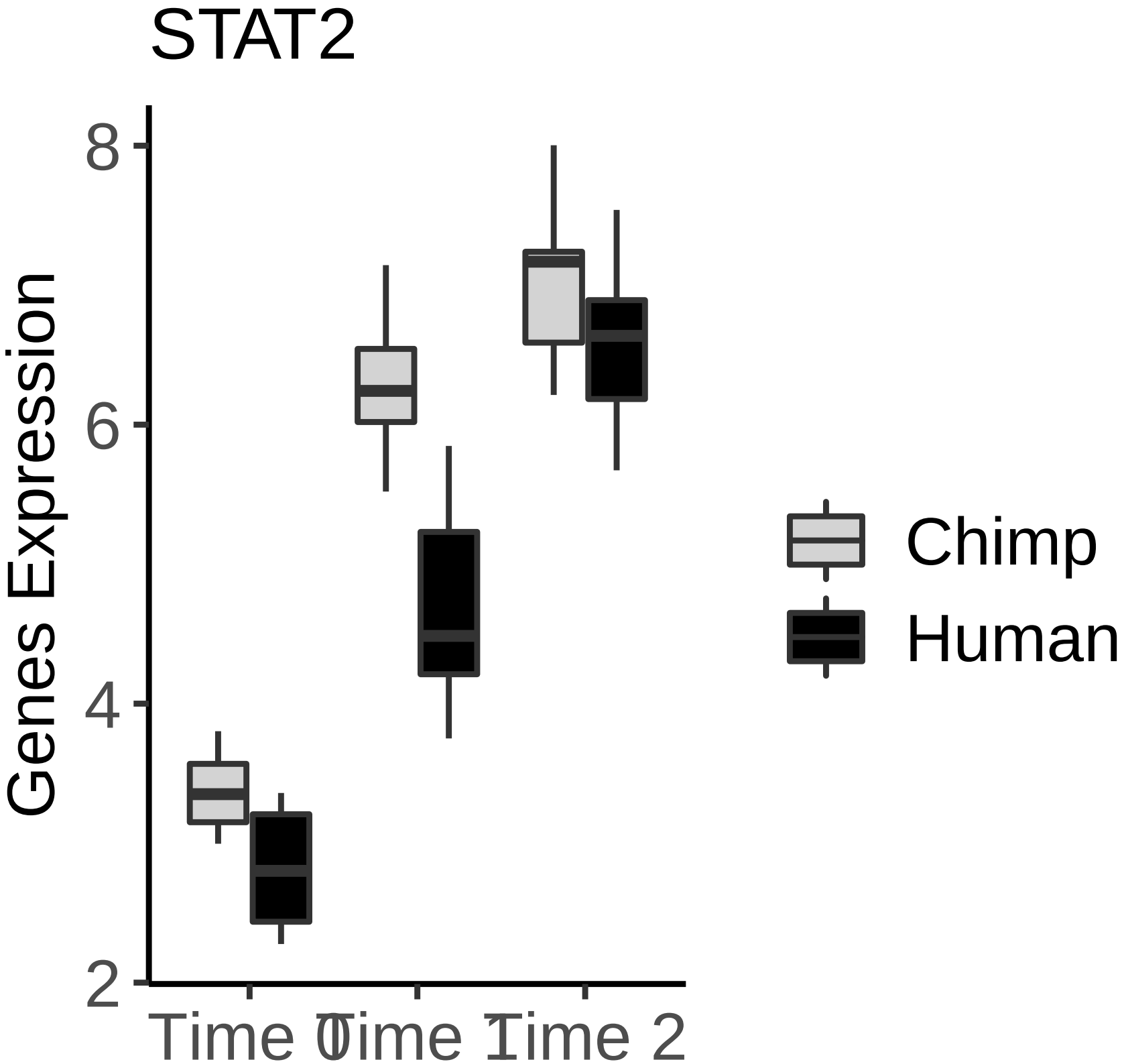

STAMBPL1
Genes Expression
3
2
1
Time 0
Time 1
Time 2
Chimp
Human


STAT2
Genes Expression
8
6
4
2
Time 0
Time 1
Time 2
Chimp
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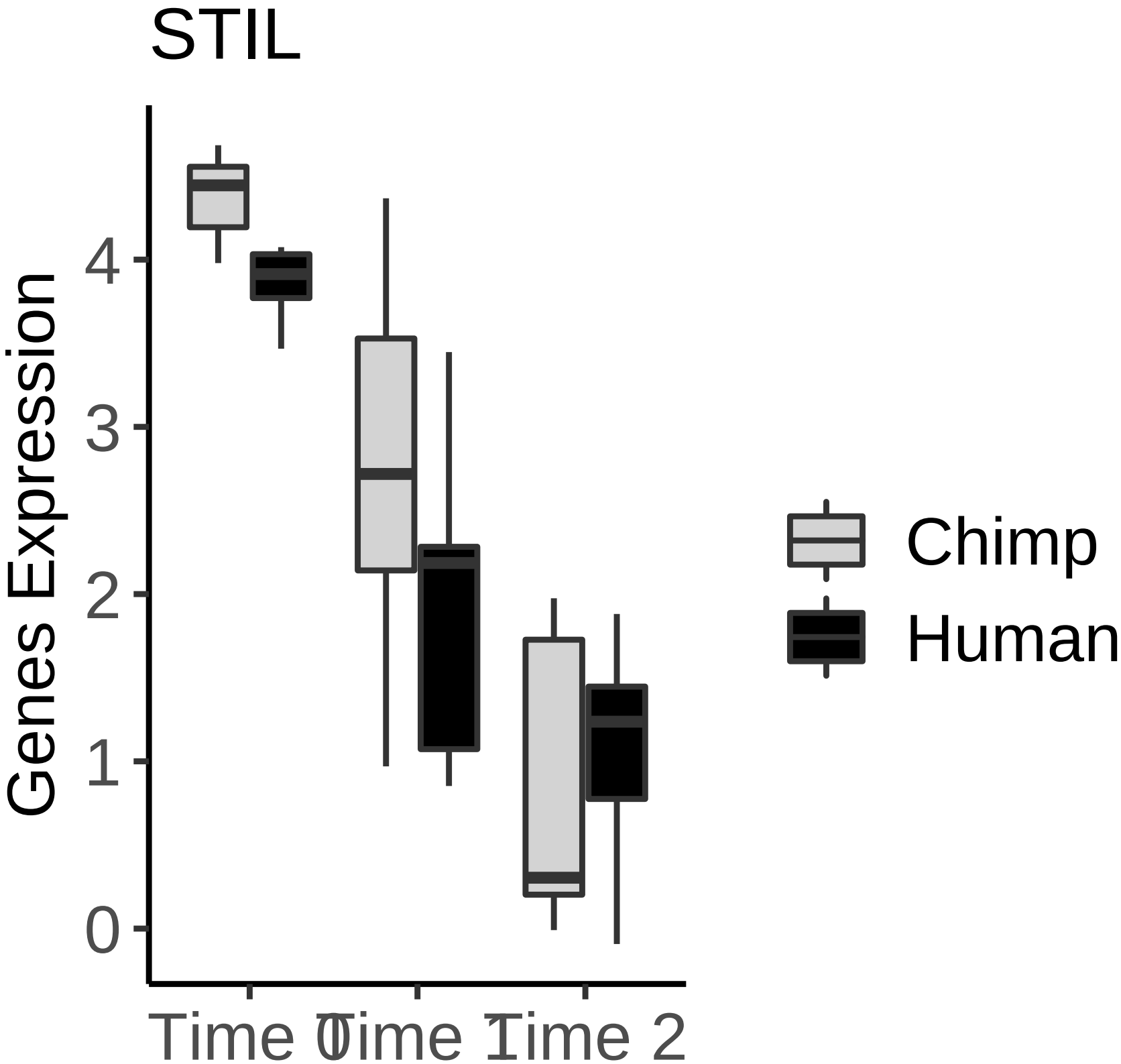
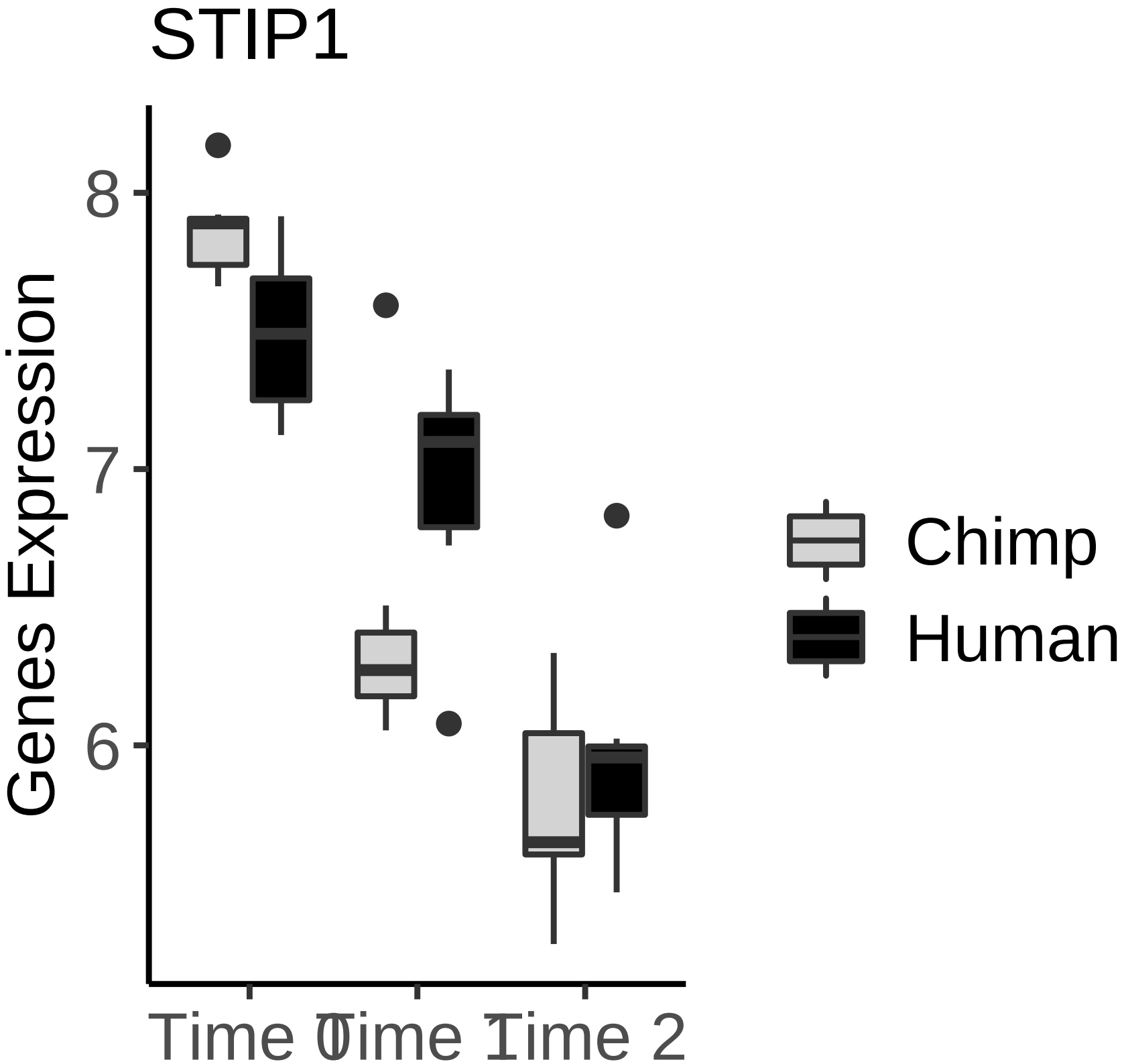

STIL
Genes Expression
4
3
2
1
0
Time 0
Time 1
Time 2
Chimp
Human


STIP1
Genes Expression
8
7
6
Time 0
Time 1
Time 2
Chimp
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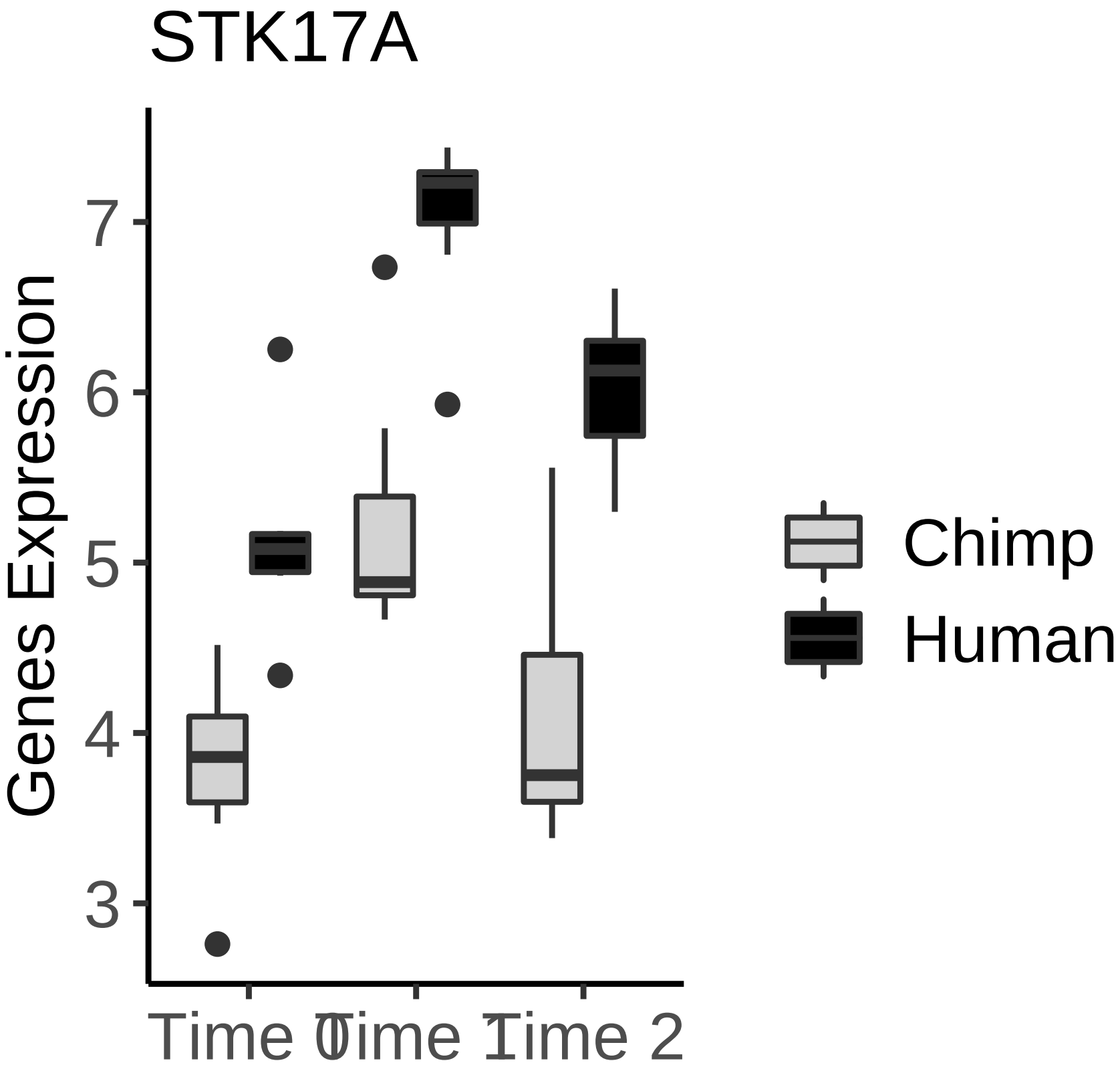
STK17A
Genes Expression
7
6
5
4
3
Time 0
Time 1
Time 2
Chimp
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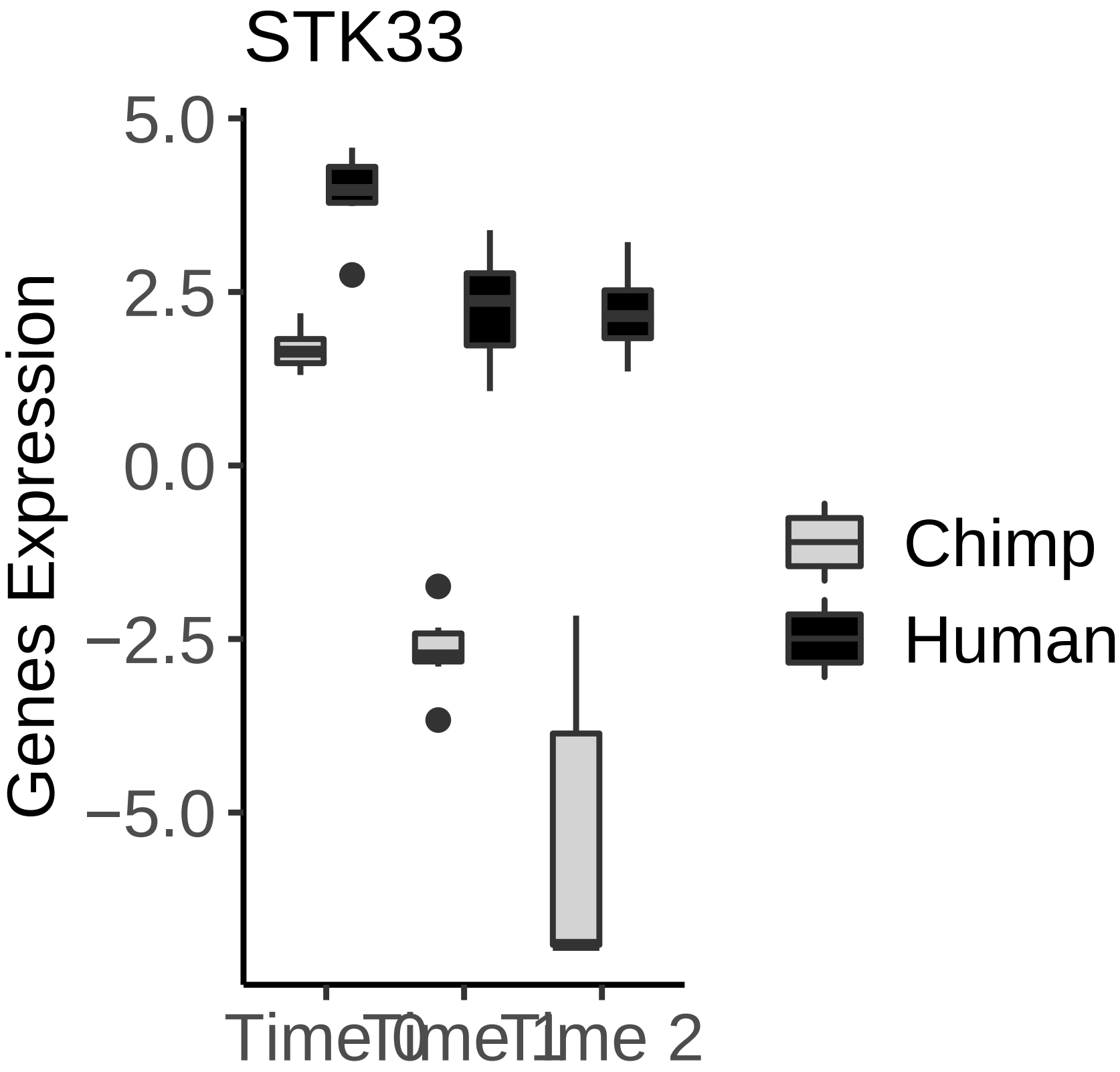
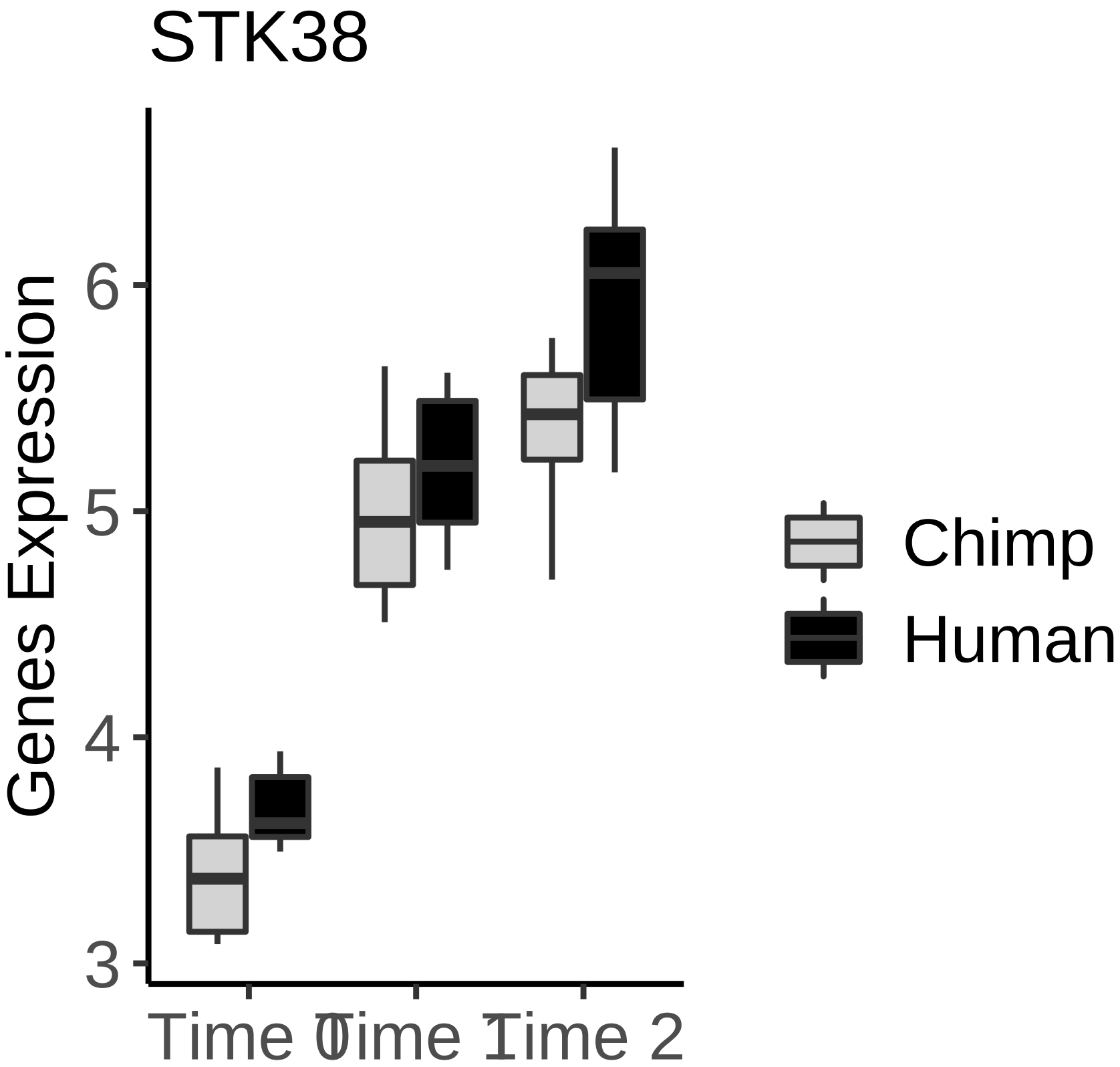
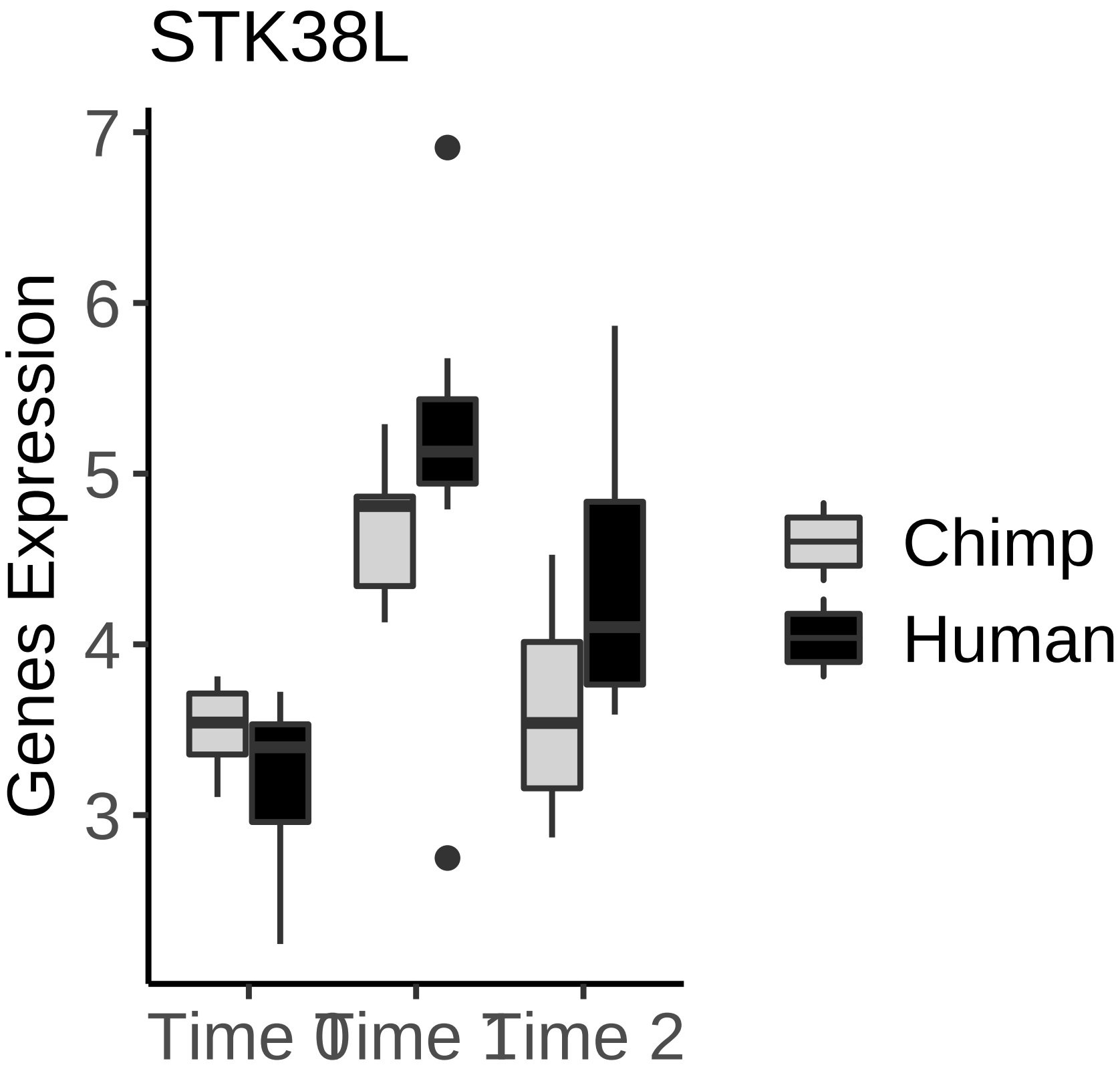
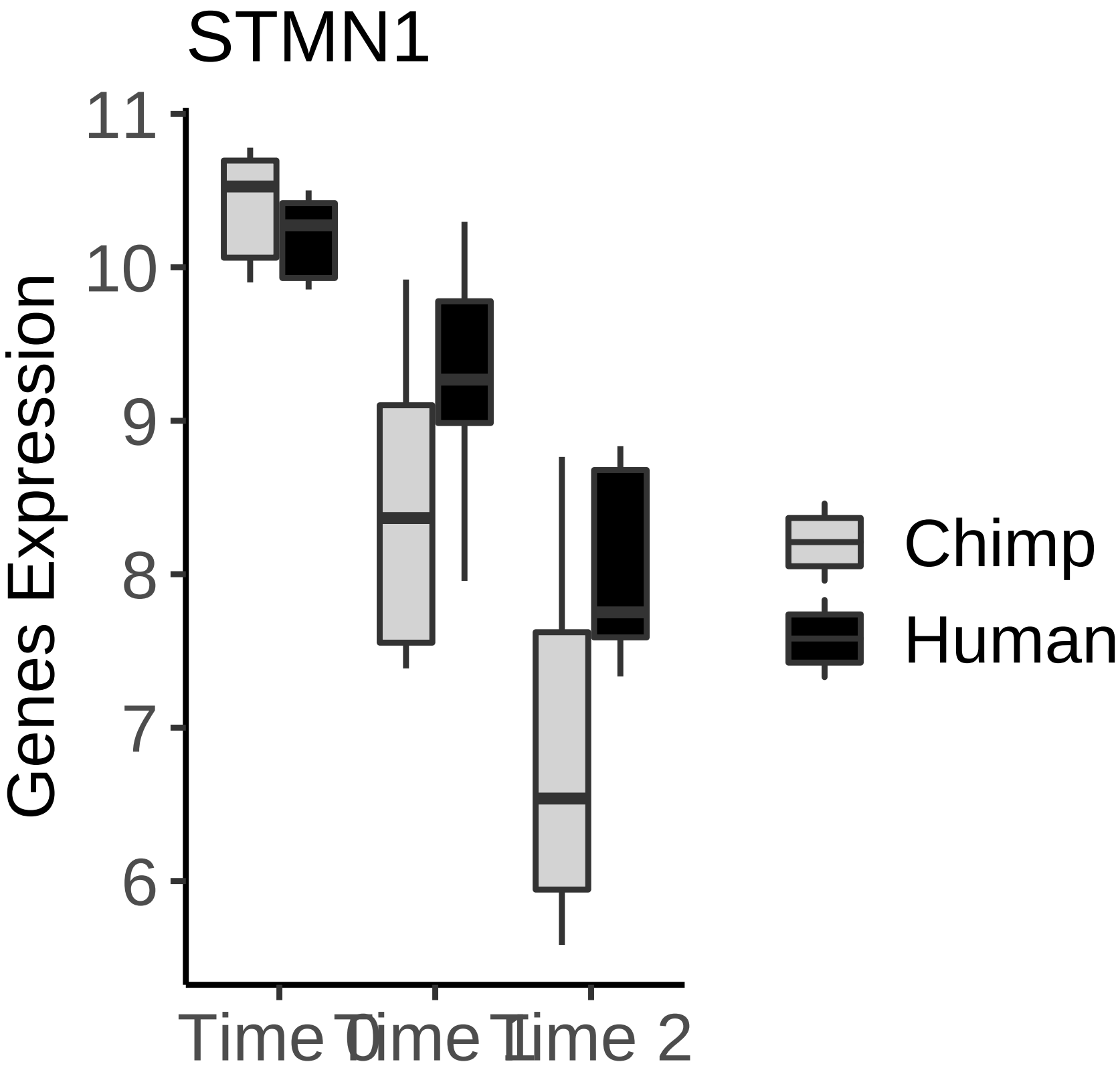
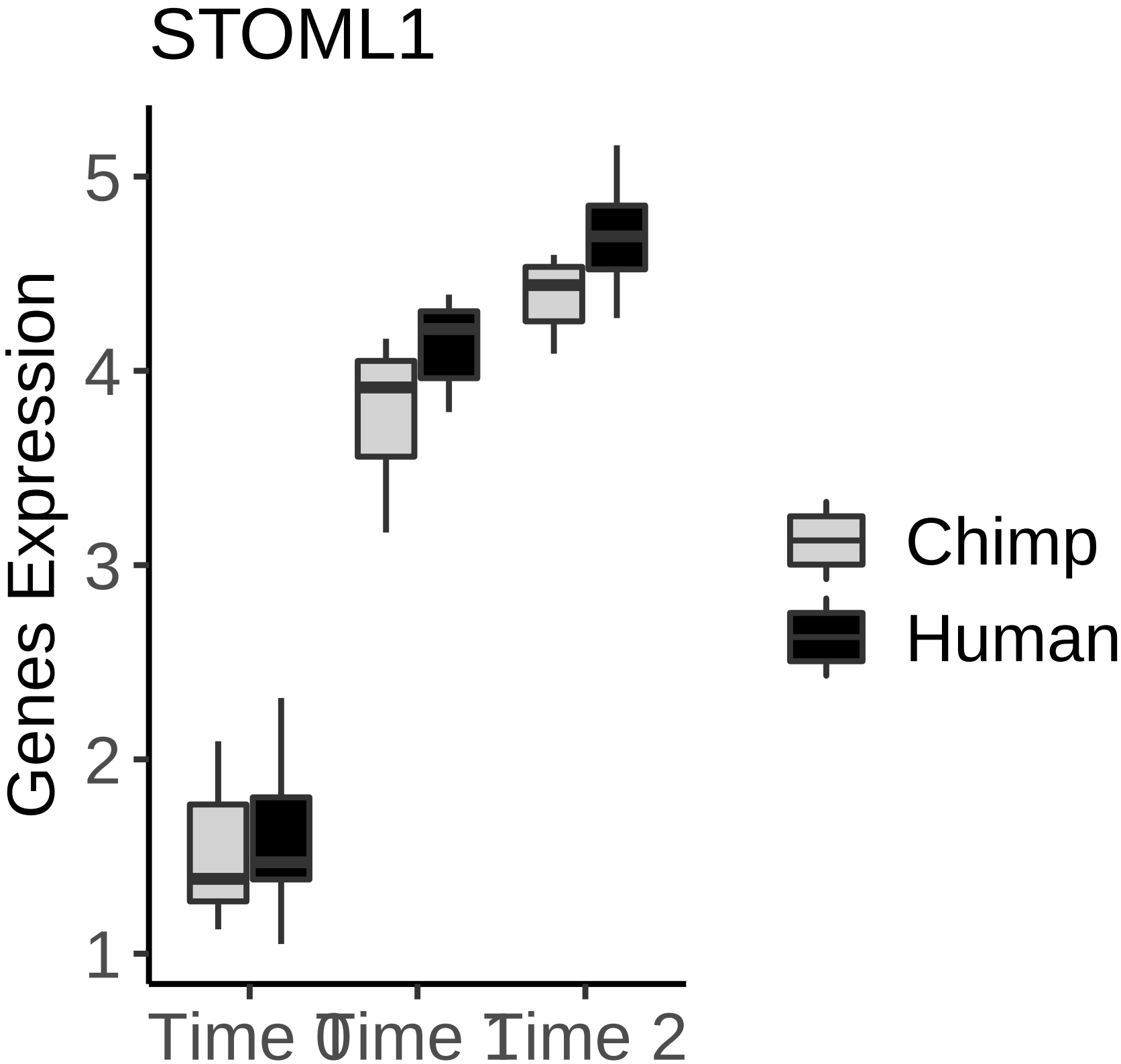
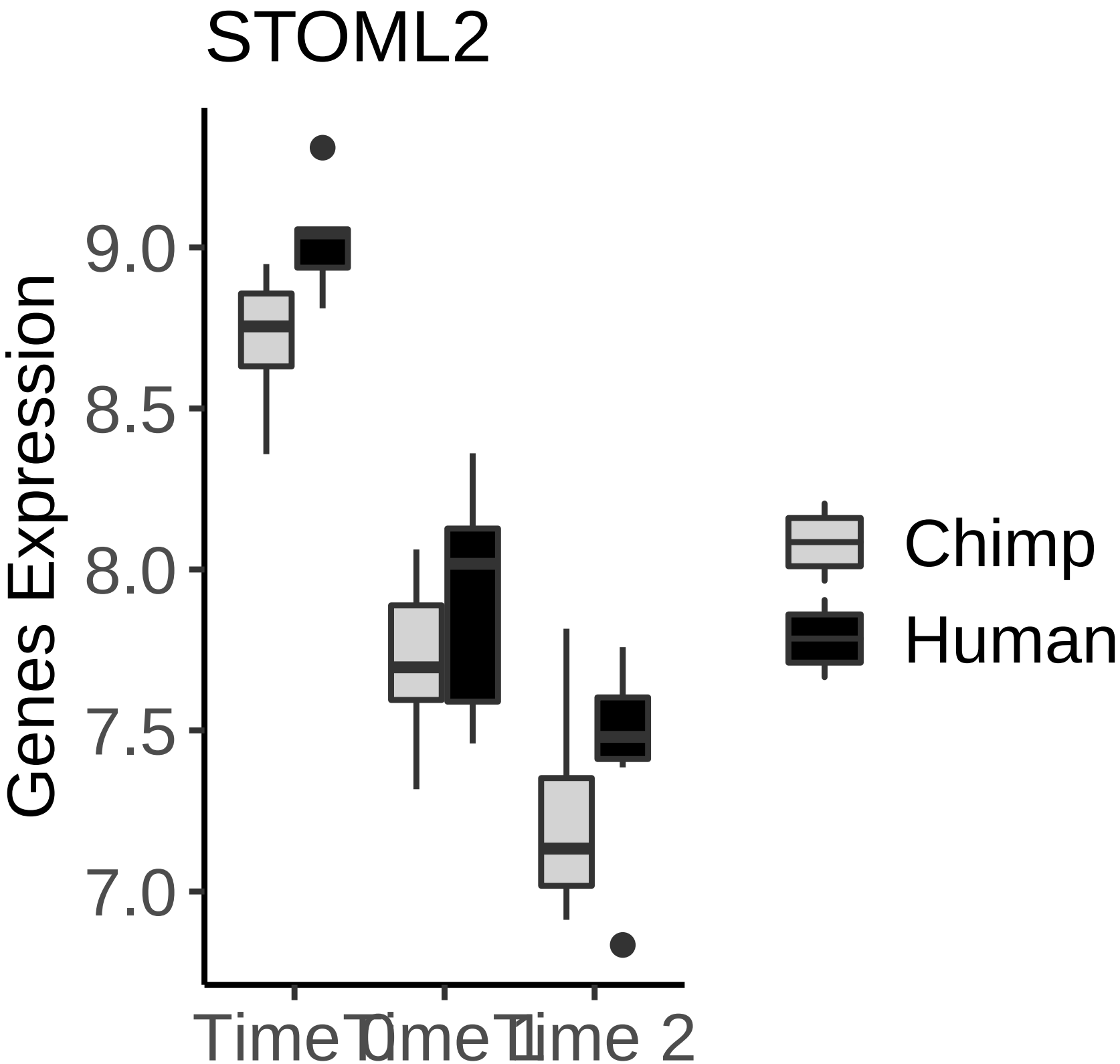

STK33
Genes Expression
5.0
2.5
0.0
−2.5
−5.0
Time 0
Time 1
Time 2
Chimp
Human


STK38
Genes Expression
6
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


STK38L
Genes Expression
7
6
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


STMN1
Genes Expression
11
10
9
8
7
6
Time 0
Time 1
Time 2
Chimp
Human


STOML1
Genes Expression
5
4
3
2
1
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
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7.5
7.0
Time 0
Time 1
Time 2
Chimp
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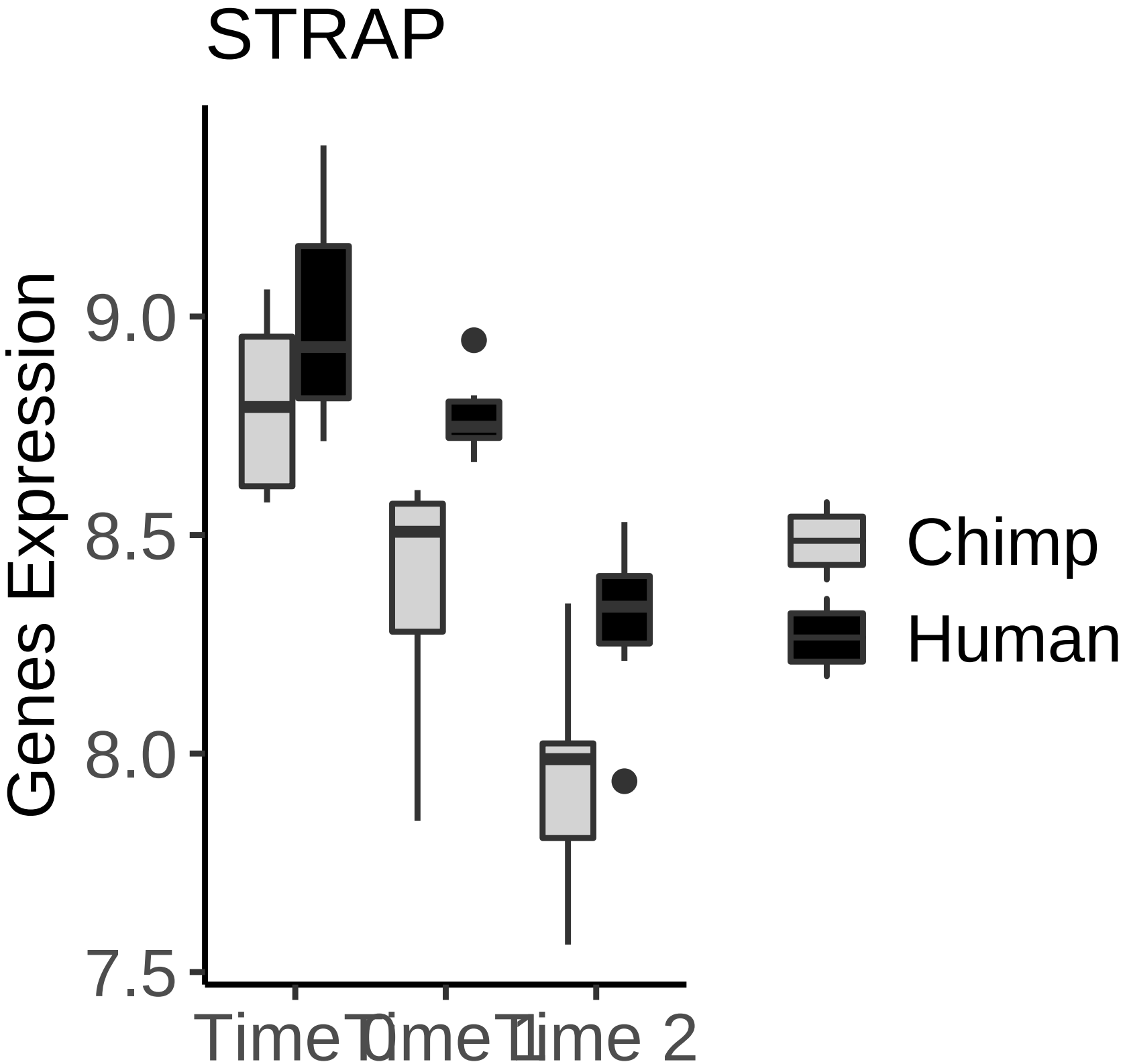
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Time 1
Time 2
Chimp
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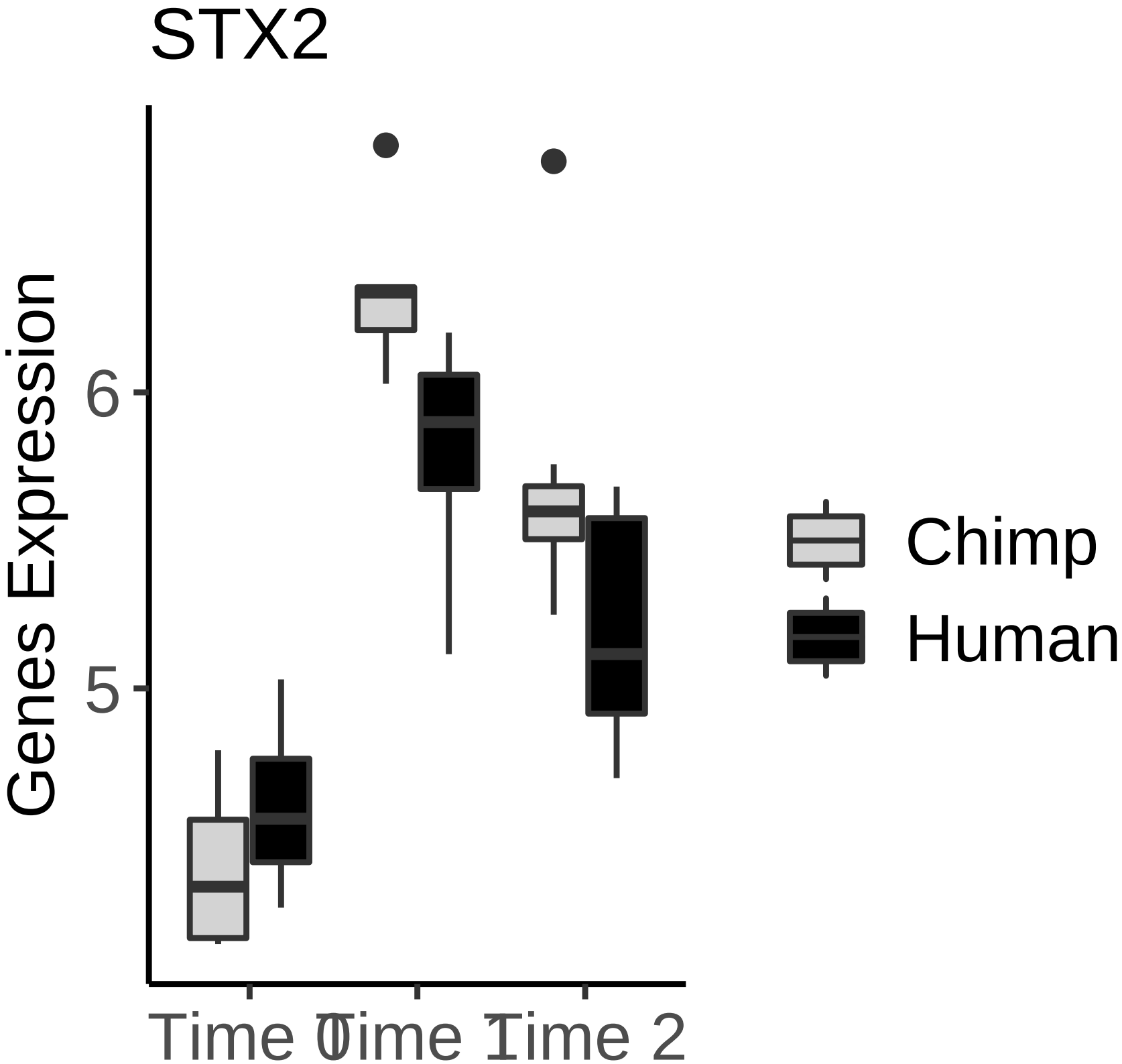
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Time 2
Chimp
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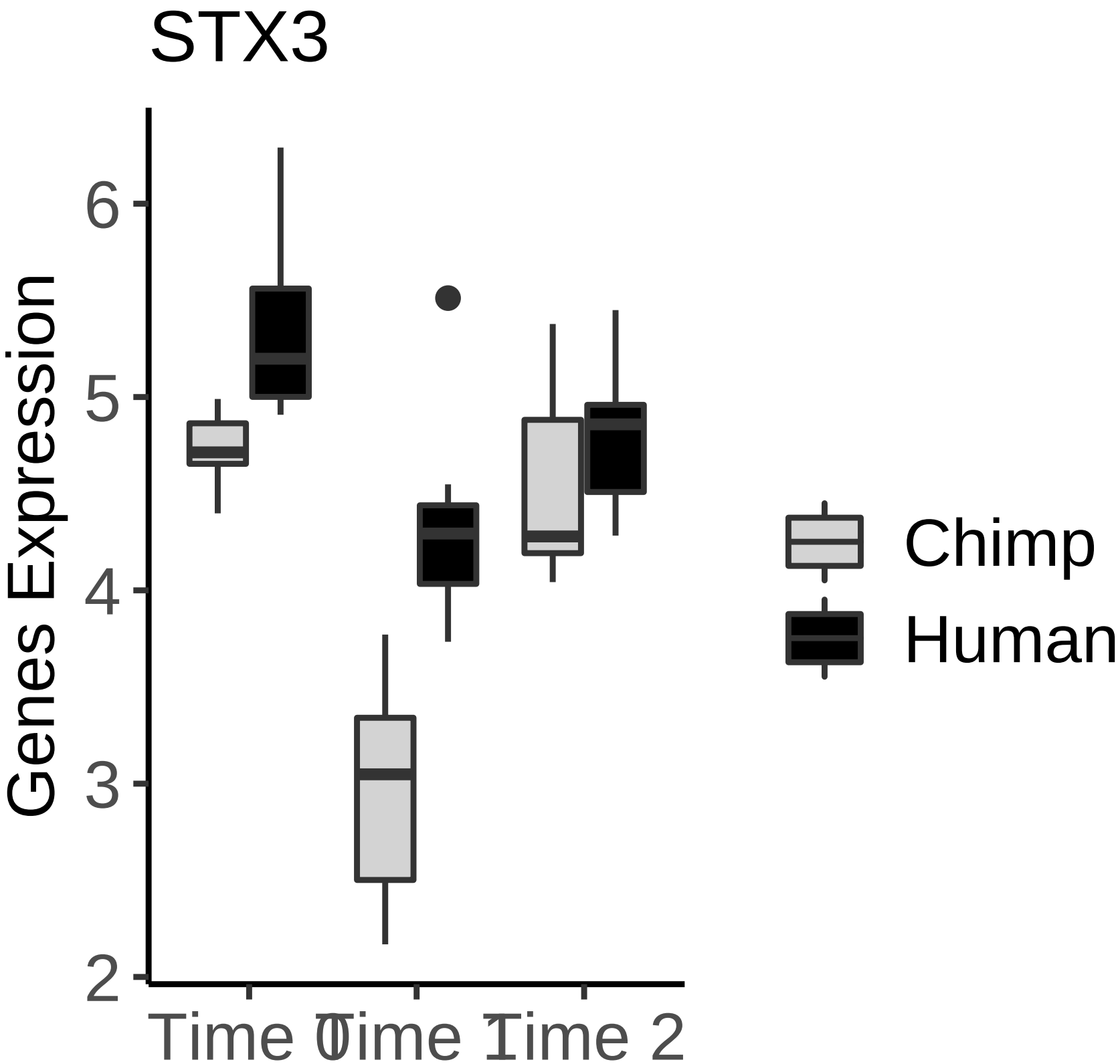
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Genes Expression
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5
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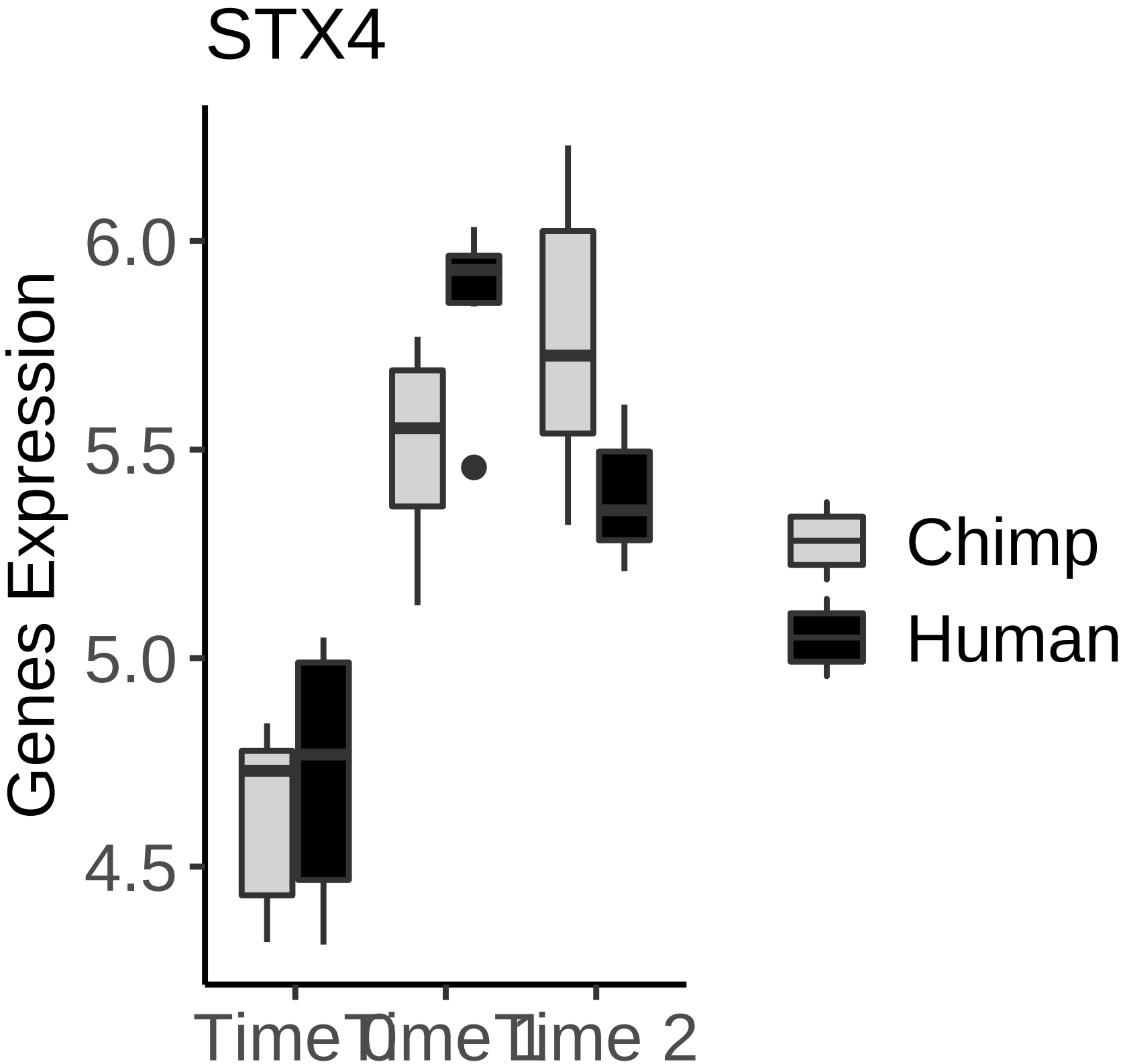
3
2
Time 0
Time 1
Time 2
Chimp
Human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4.5
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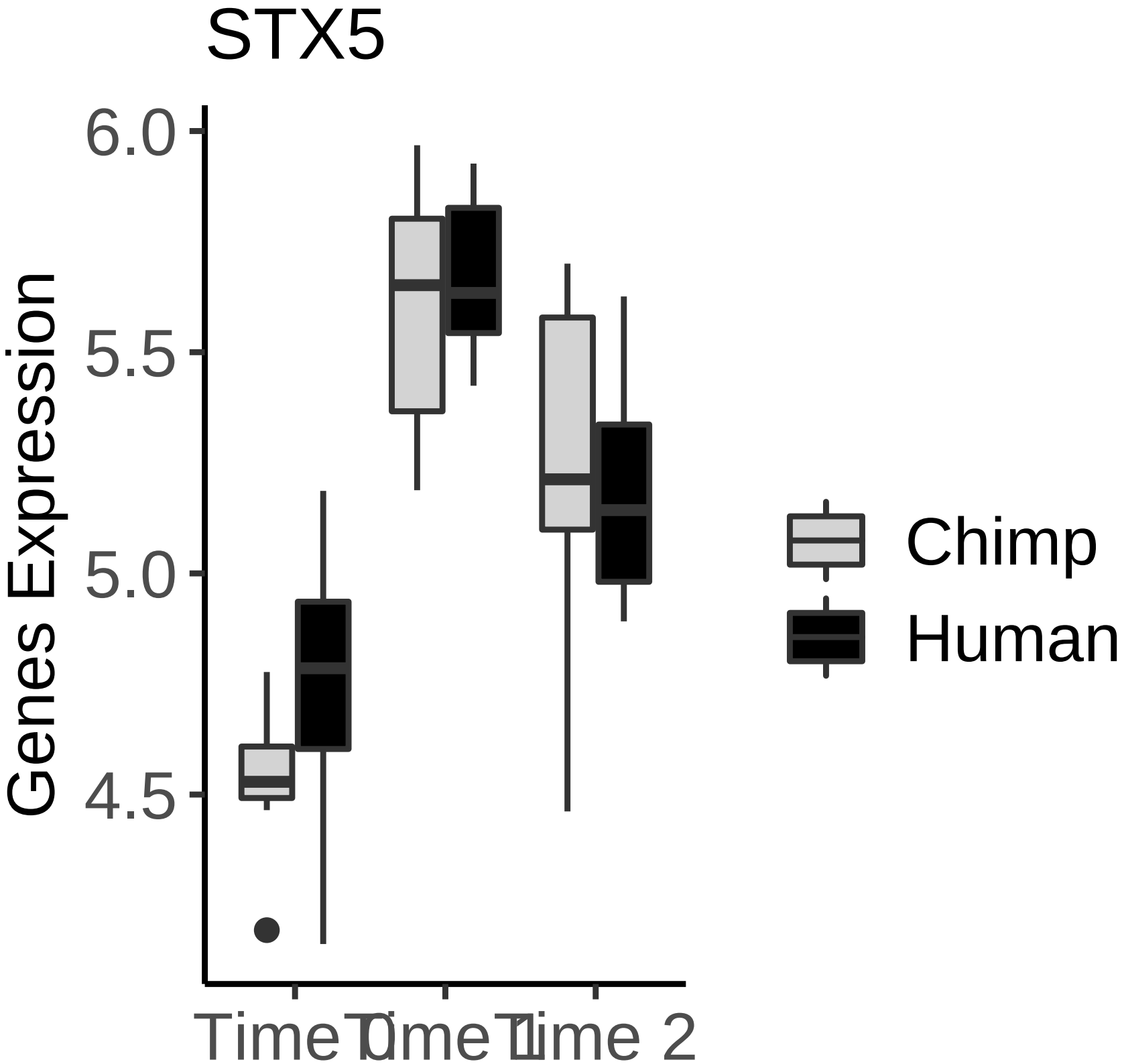
Time 2
Chimp
Human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4.5
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Time 2
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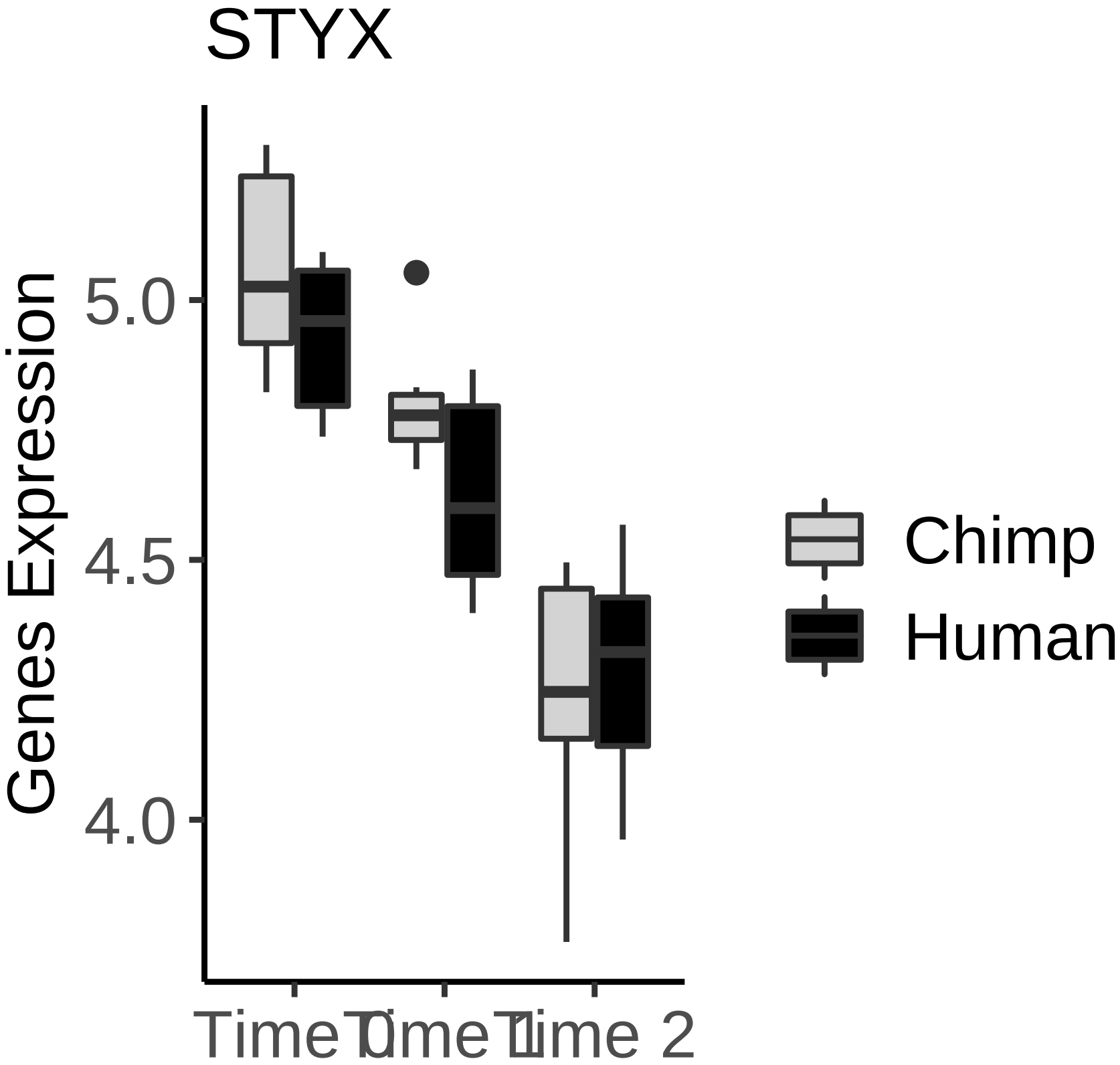
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Chimp
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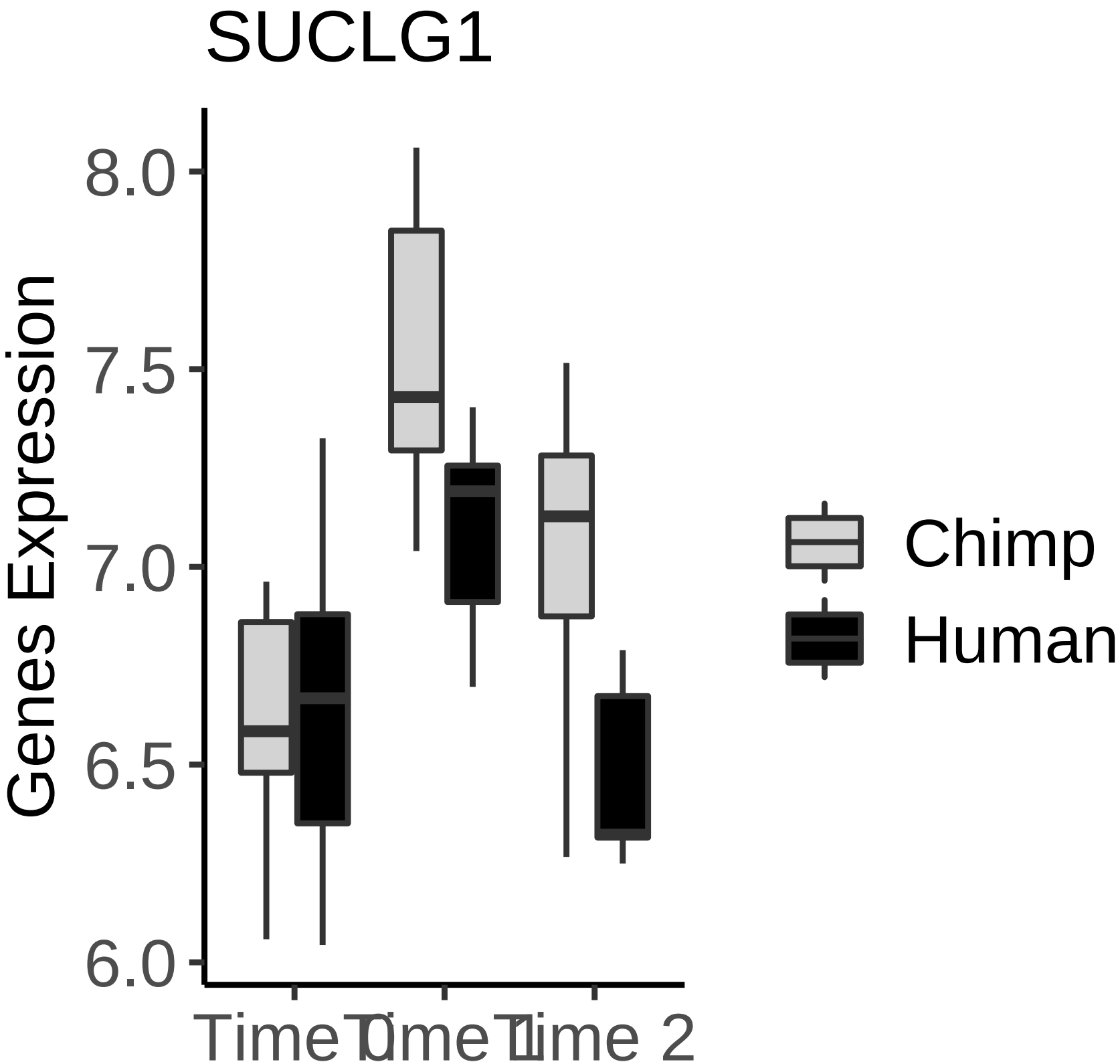
SUCLG1
Genes Expression
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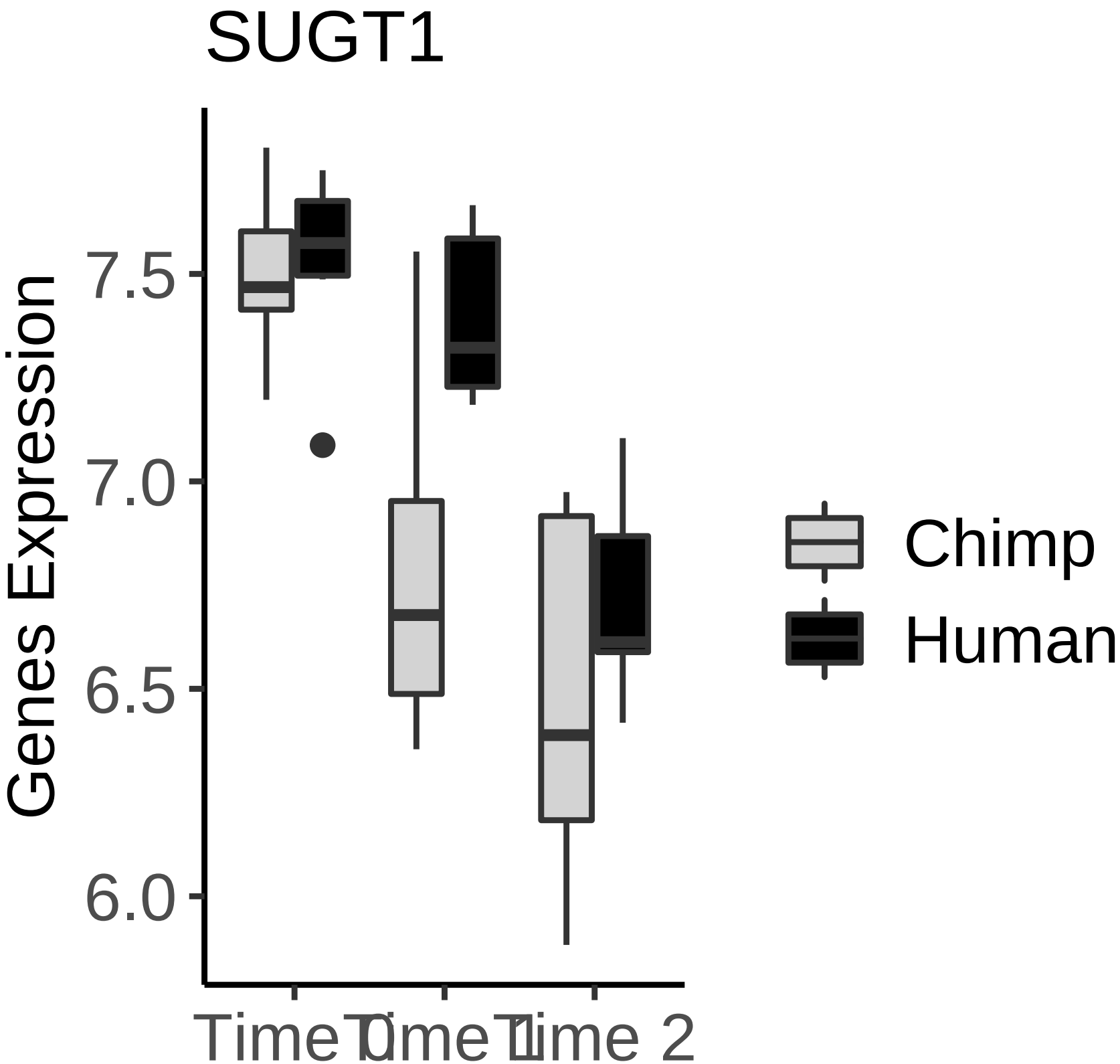
6.5
6.0
Time 0
Time 1
Time 2
Chimp
Human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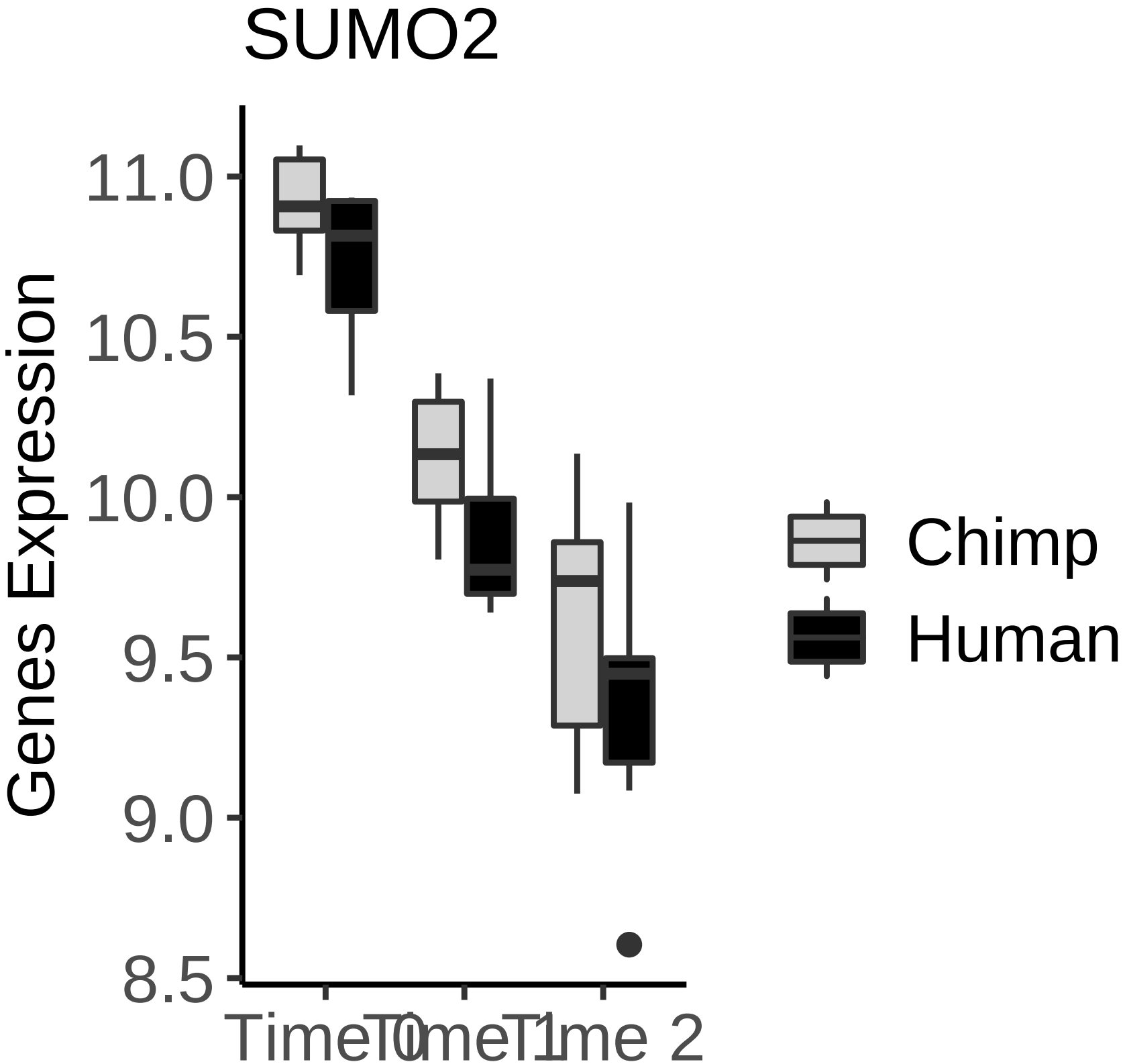
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8.5
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Time 2
Chimp
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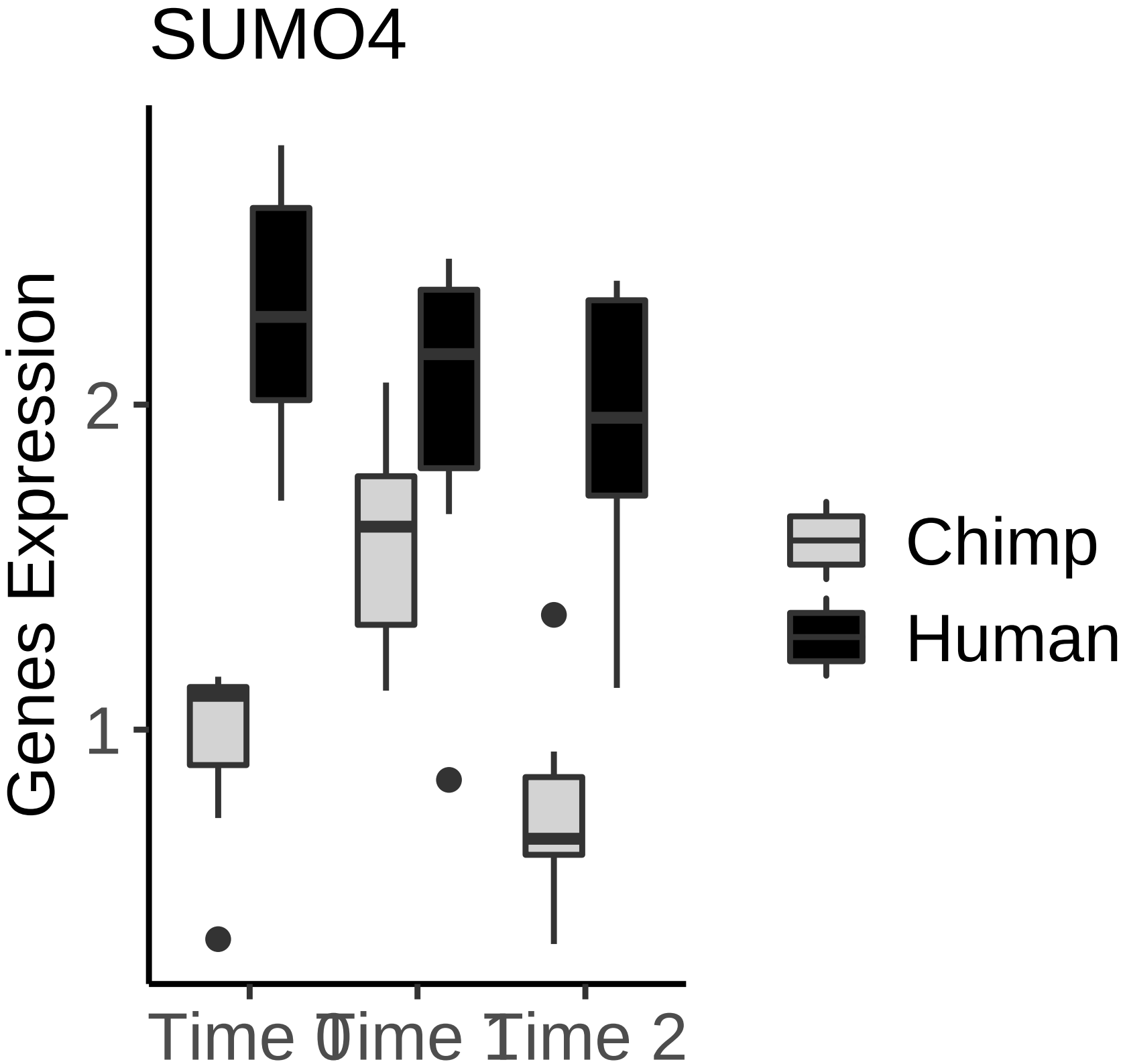
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2
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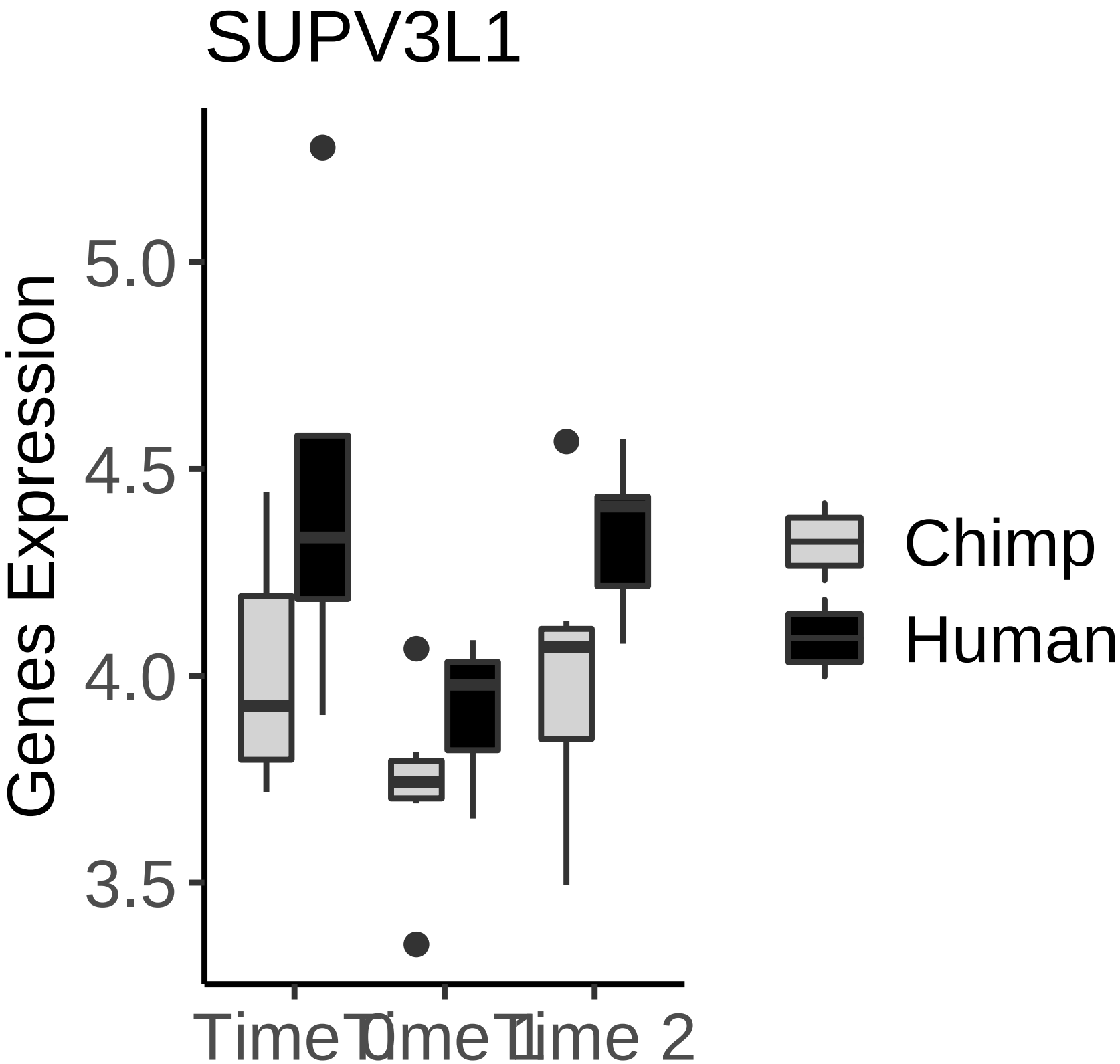
Time 2
Chimp
Human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Genes Expression
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4.5
4.0
3.5
Time 0
Time 1
Time 2
Chimp
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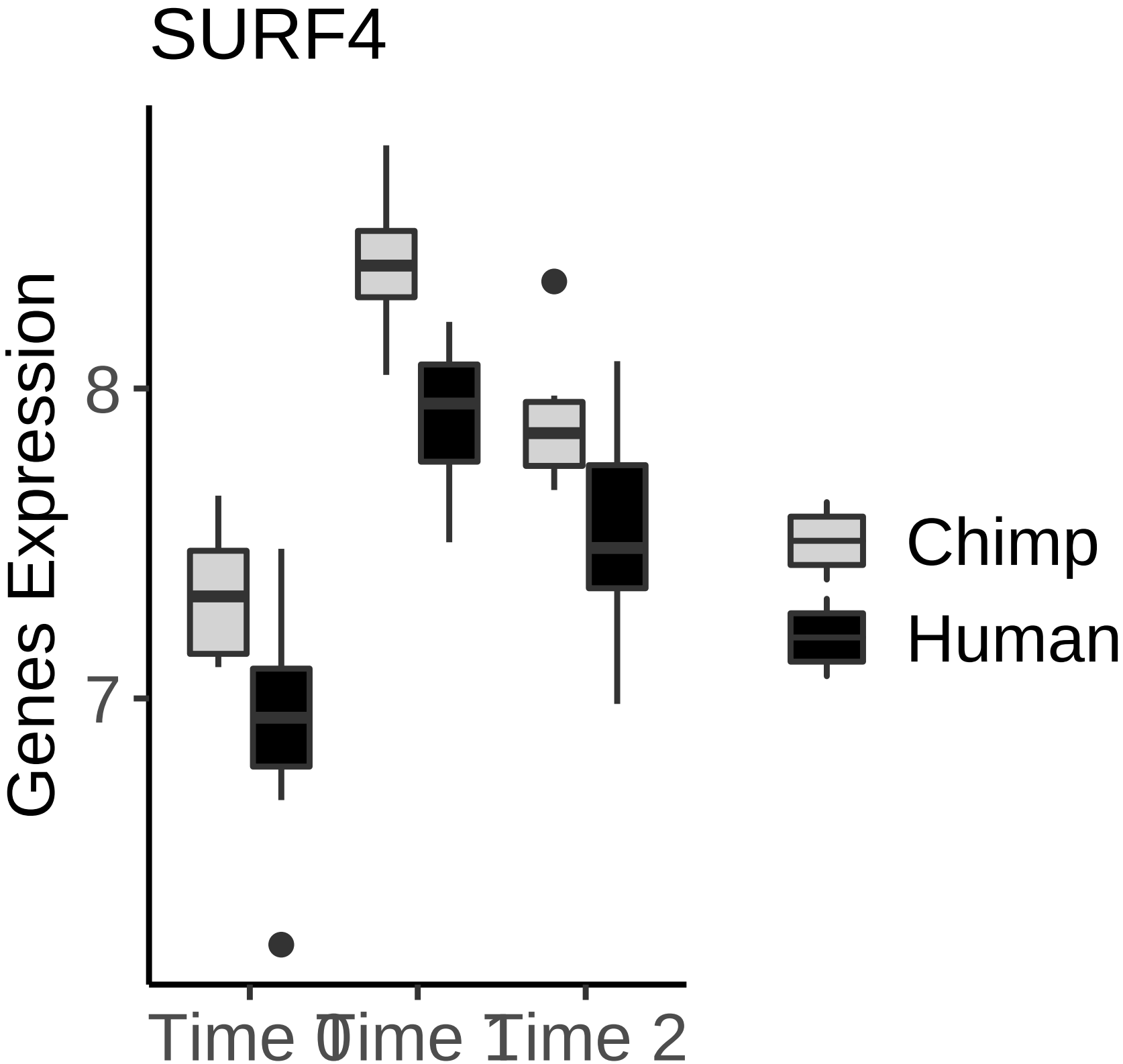
SURF4
Genes Expression
8
7
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Time 1
Time 2
Chimp
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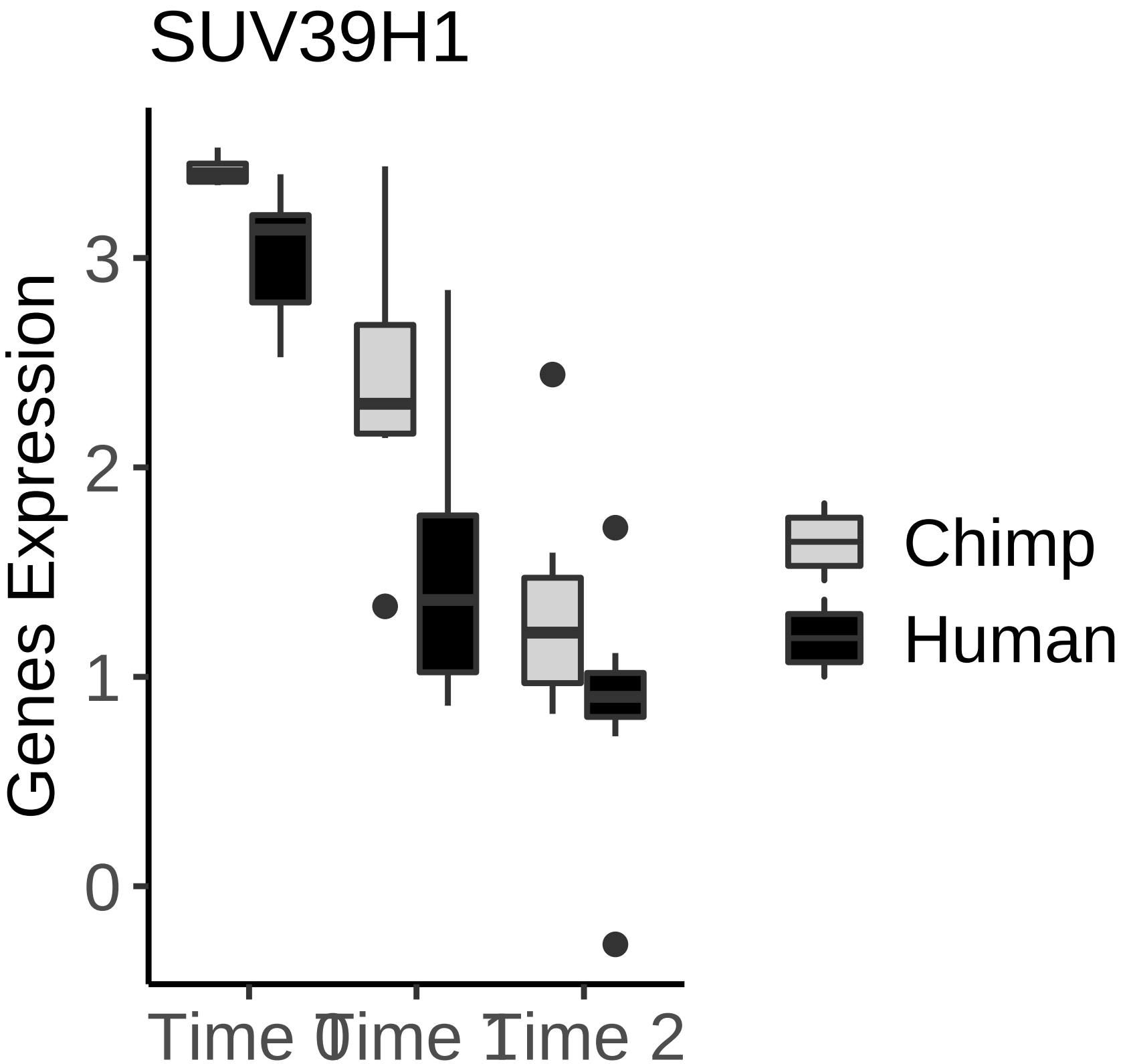
SUV39H1
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3
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Time 2
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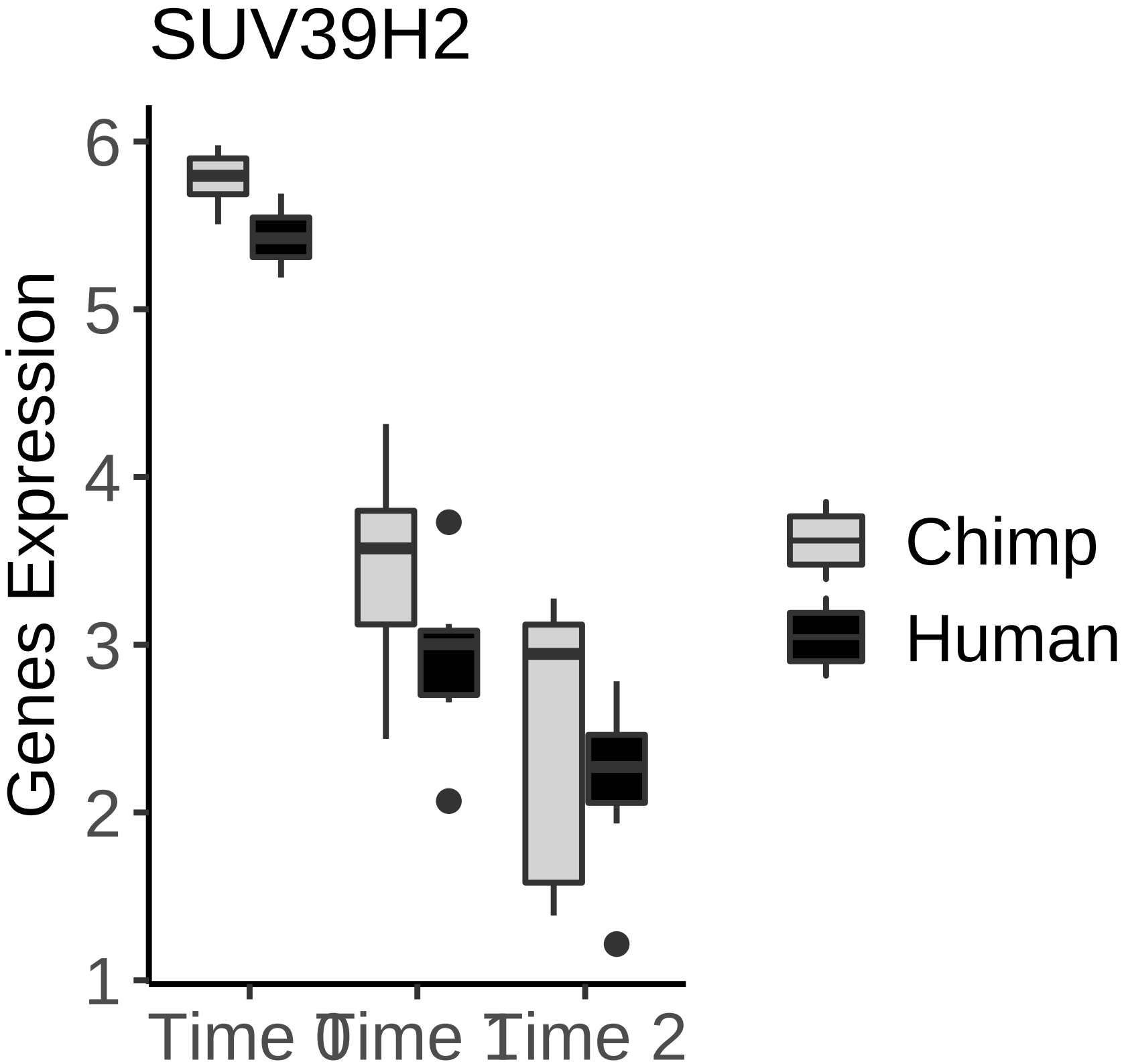
SUV39H2
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2
1
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Time 2
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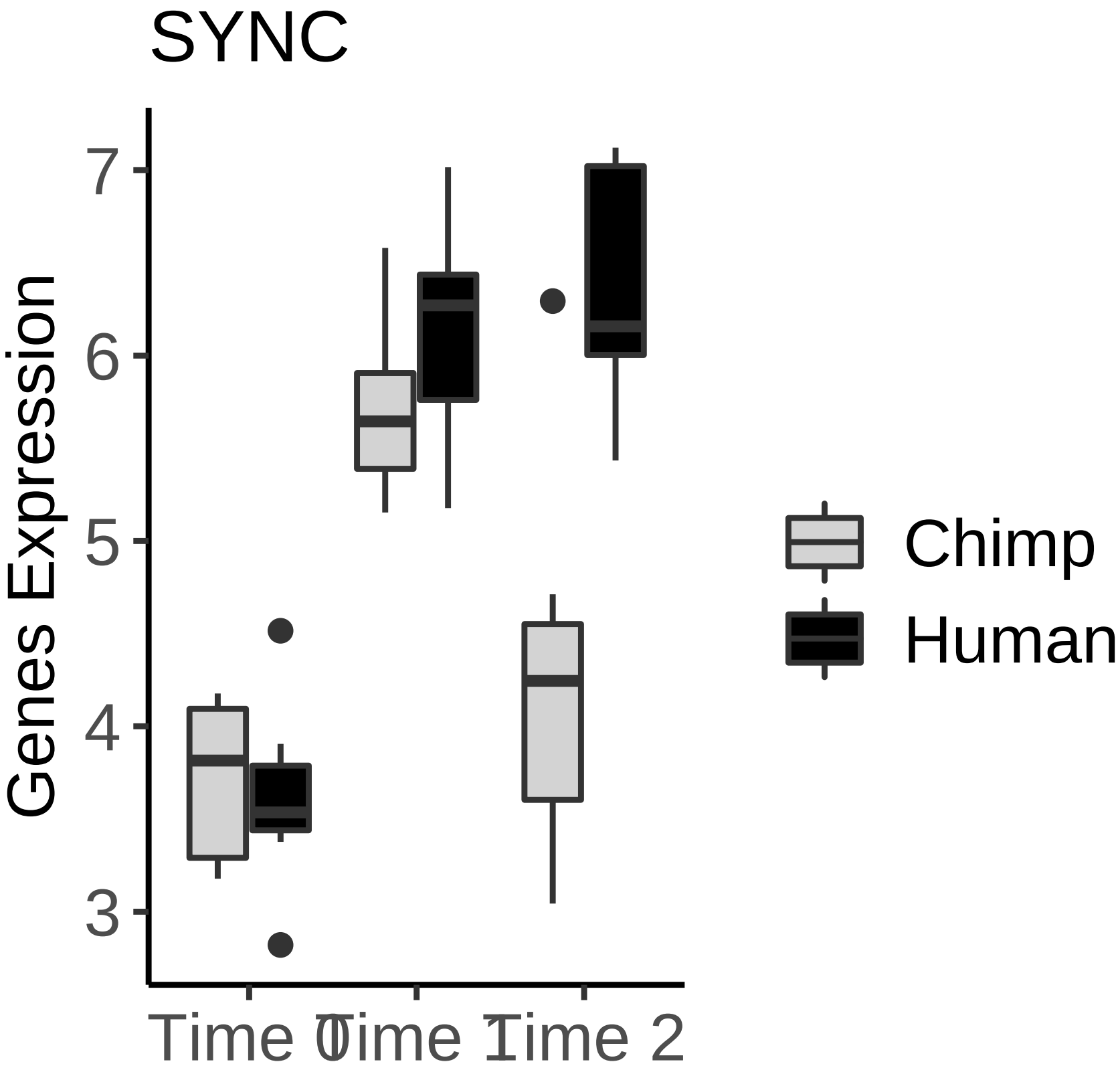
SYNC
Genes Expression
7
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4
3
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Time 1
Time 2
Chimp
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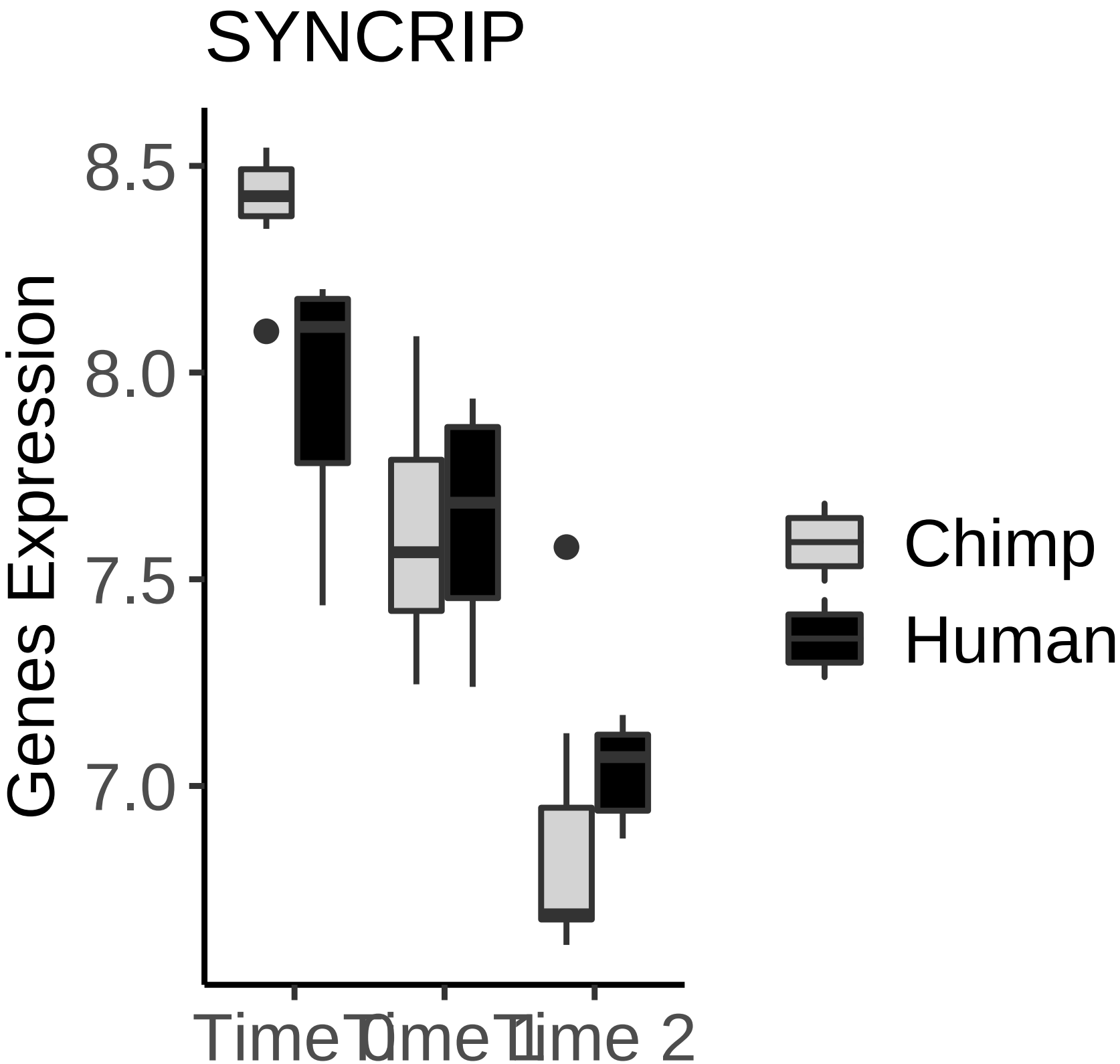
SYNCRIP
Genes Expression
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Time 2
Chimp
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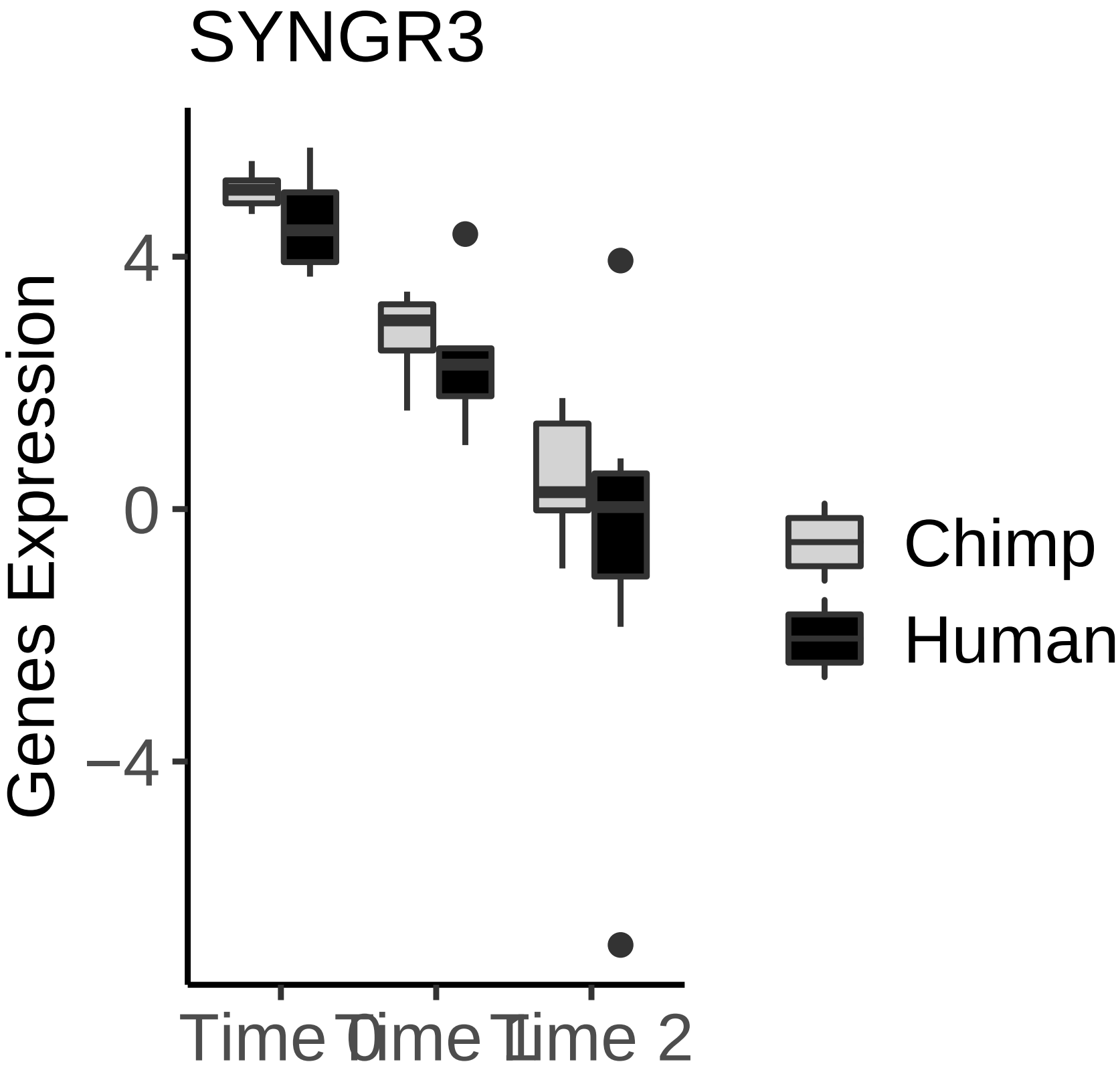
SYNGR3
Genes Expression
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Chimp
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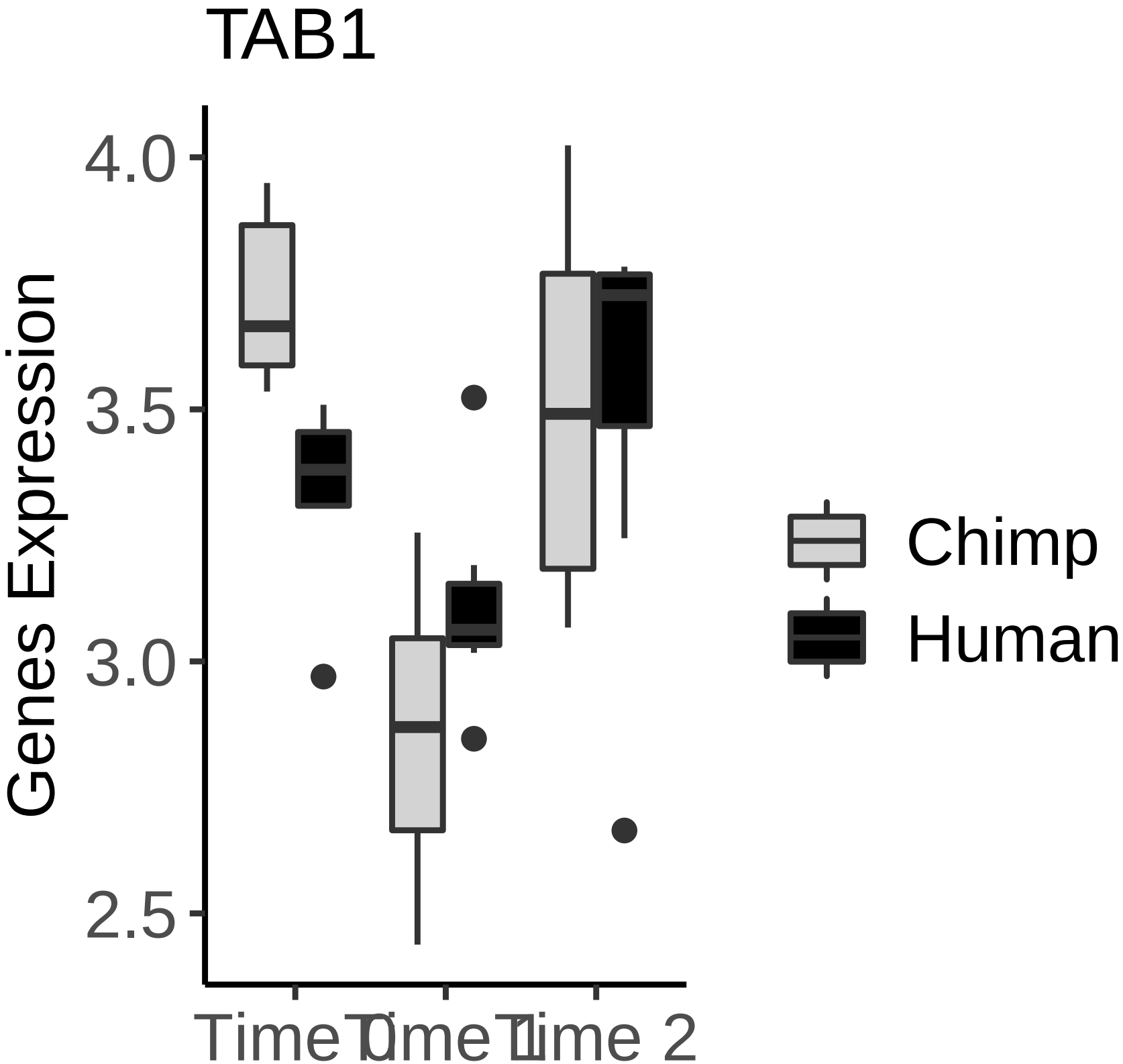
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Genes Expression
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3.0
2.5
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Time 1
Time 2
Chimp
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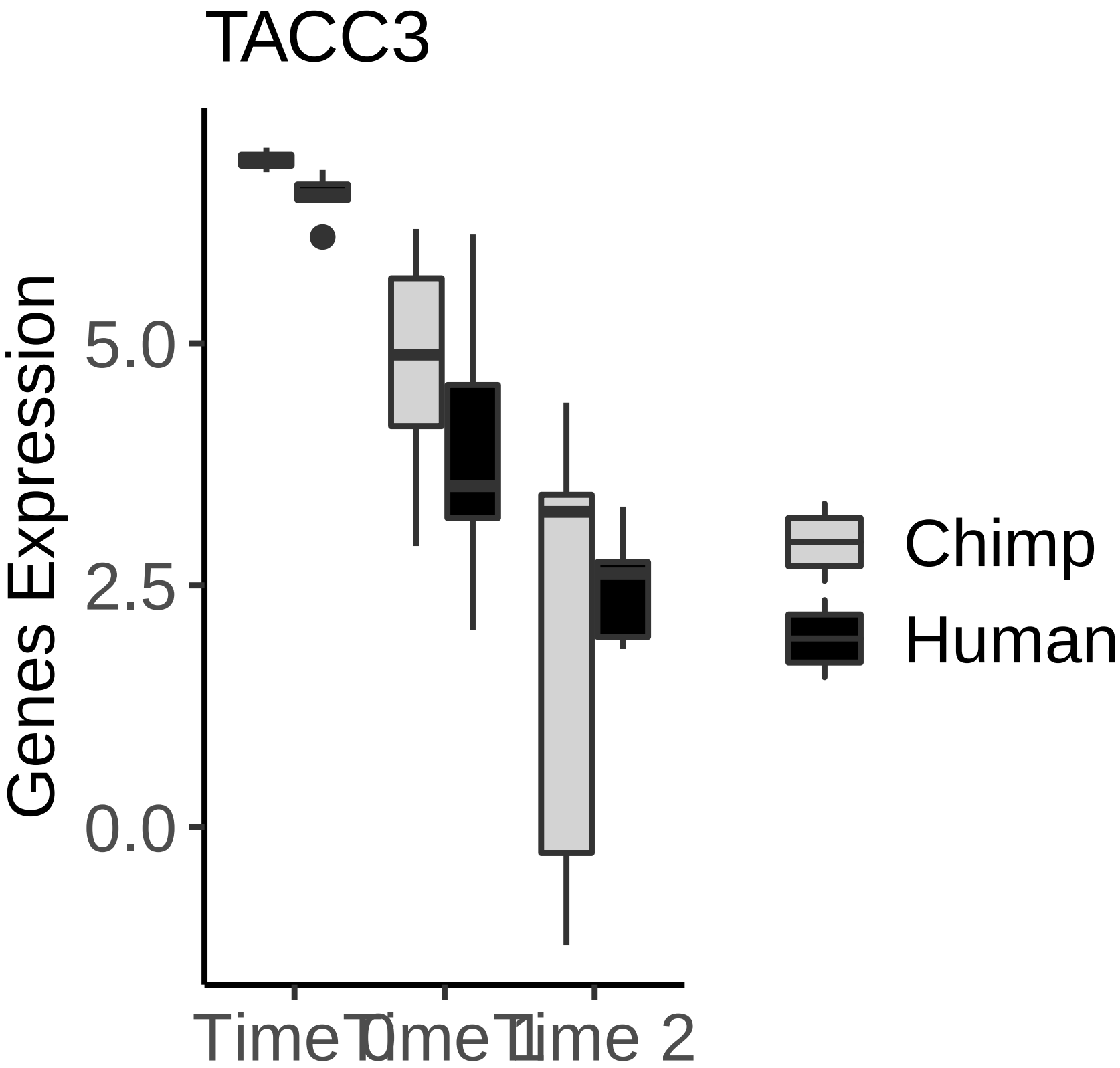
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Time 2
Chimp
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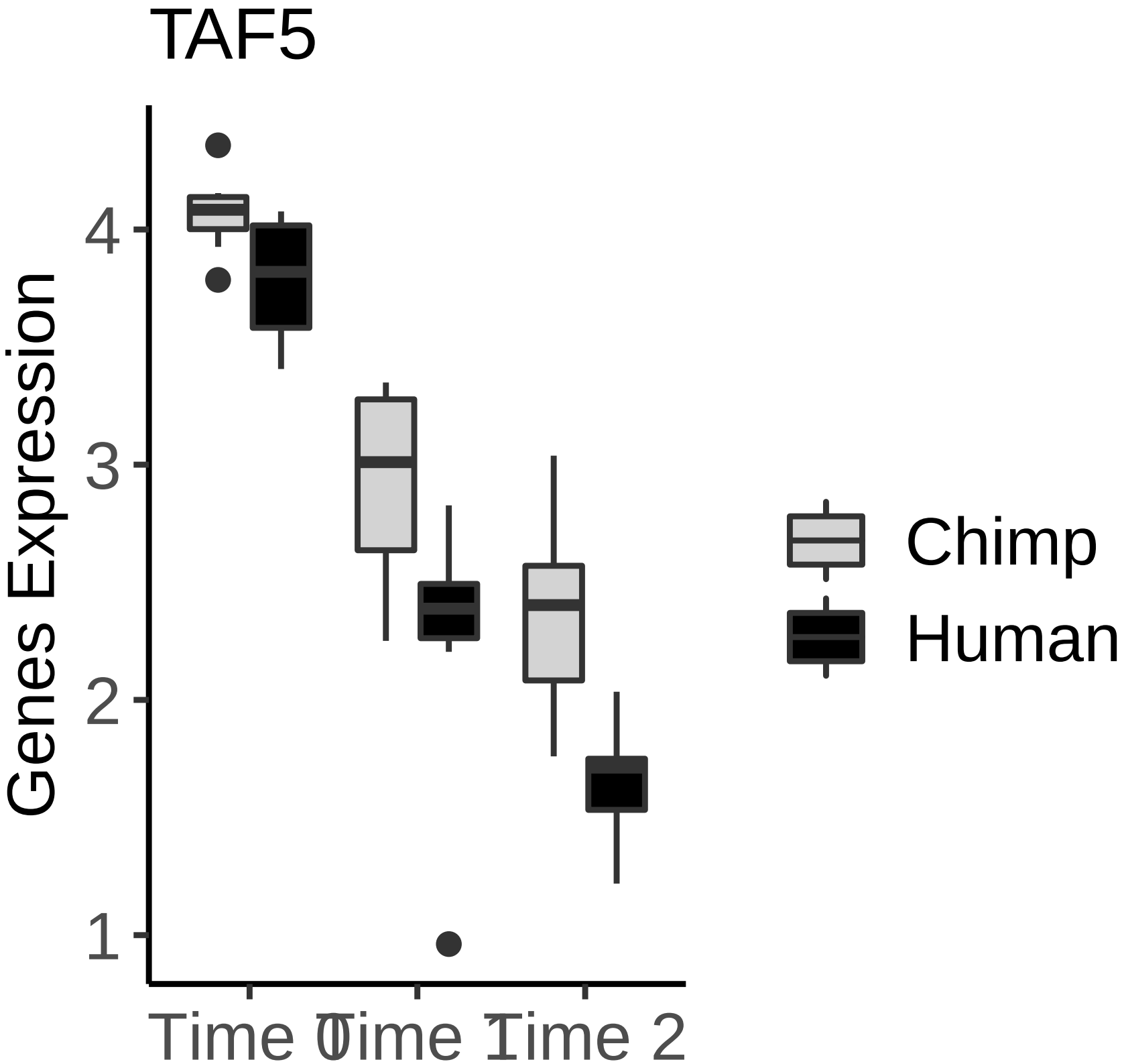
TAF5
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2
1
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Time 1
Time 2
Chimp
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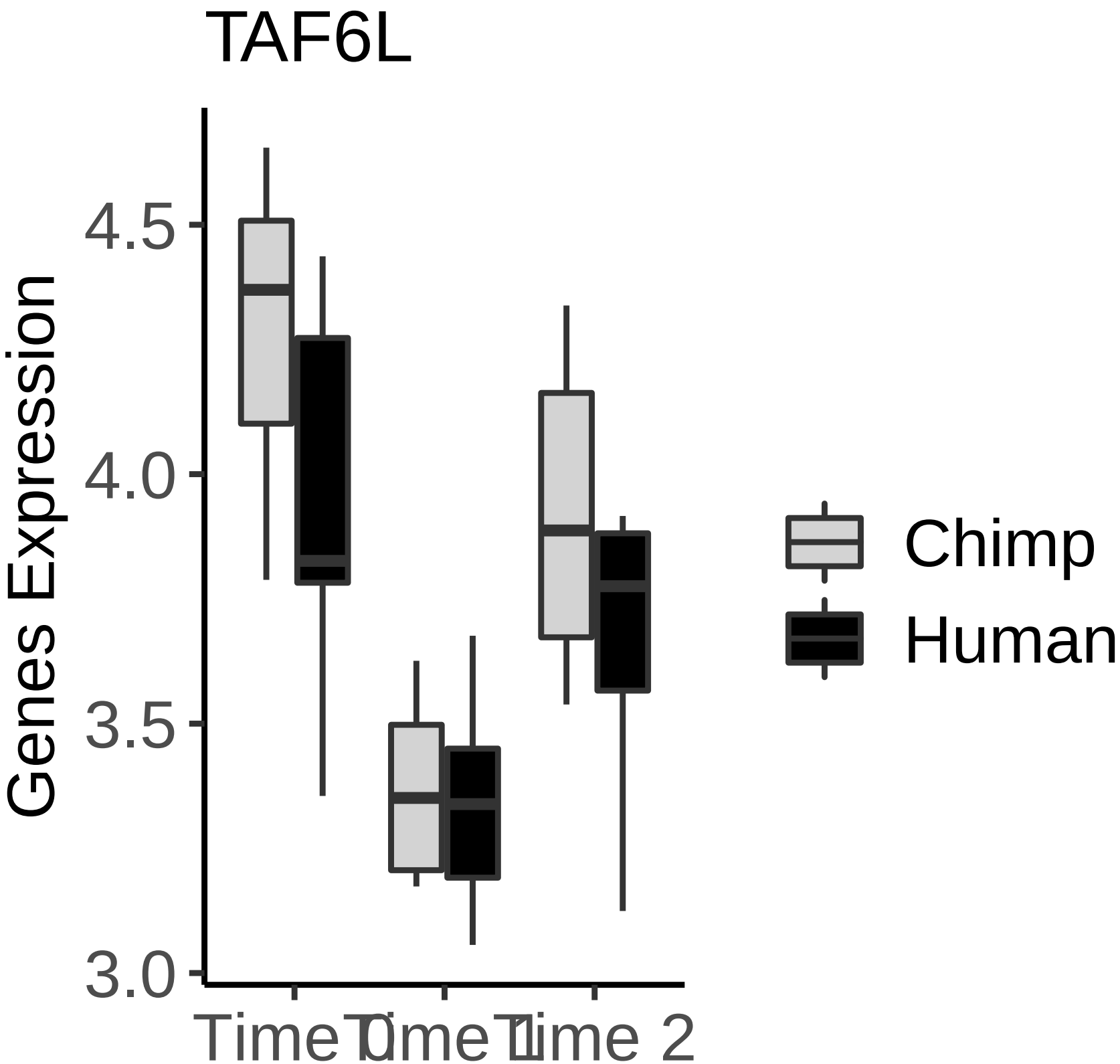
TAF6L
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3.0
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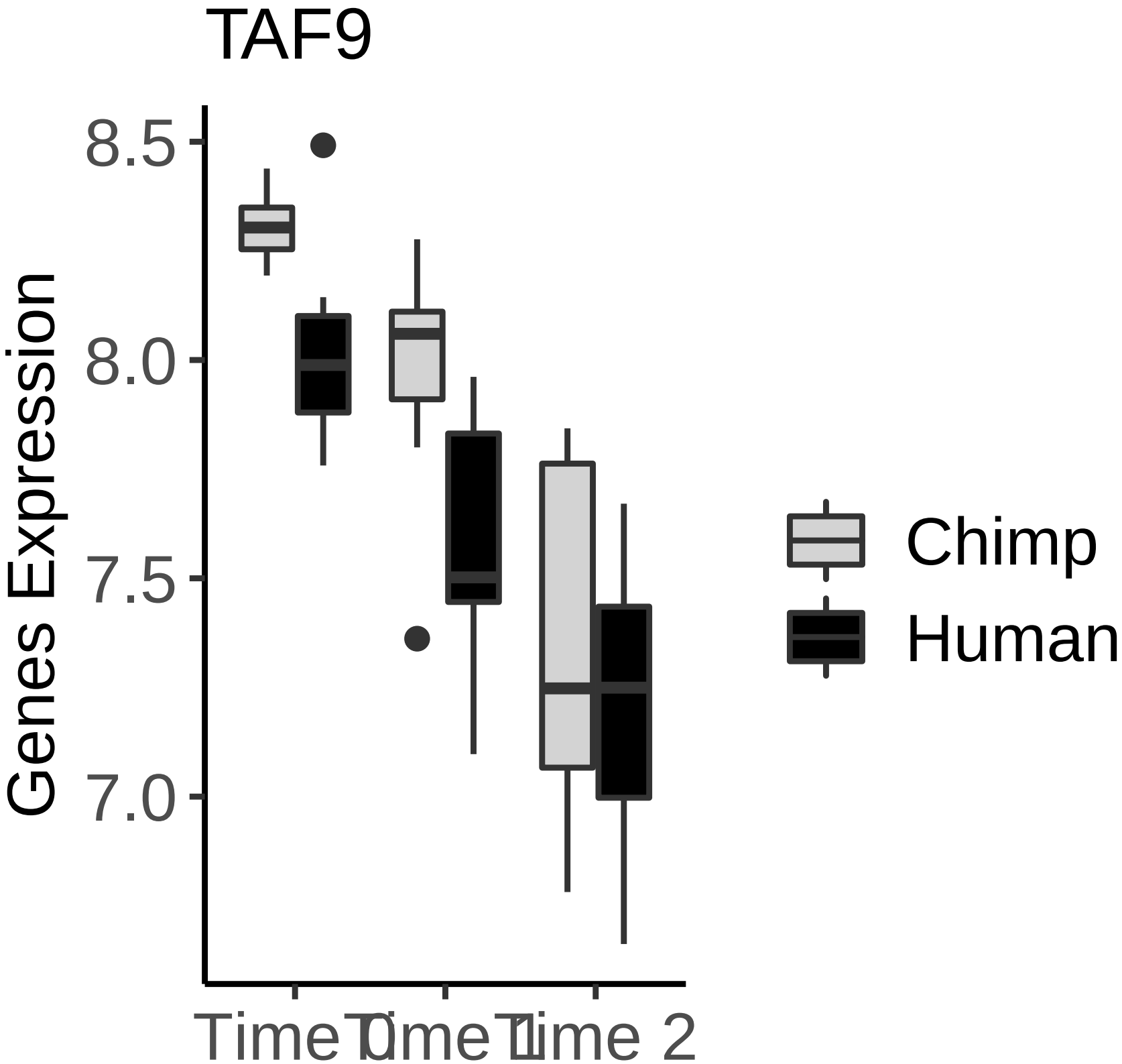
TAF9
Genes Expression
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7.0
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Chimp
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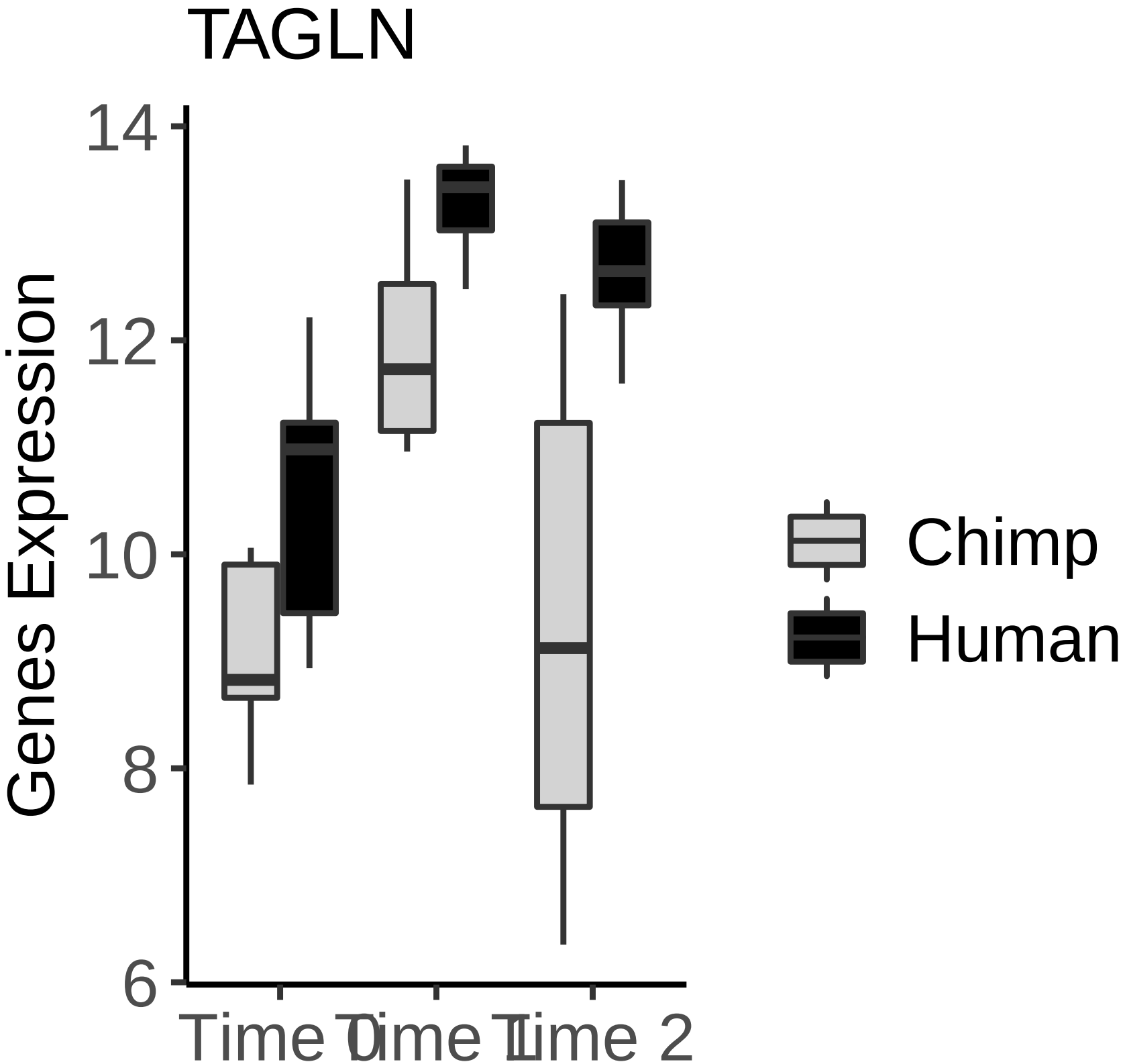
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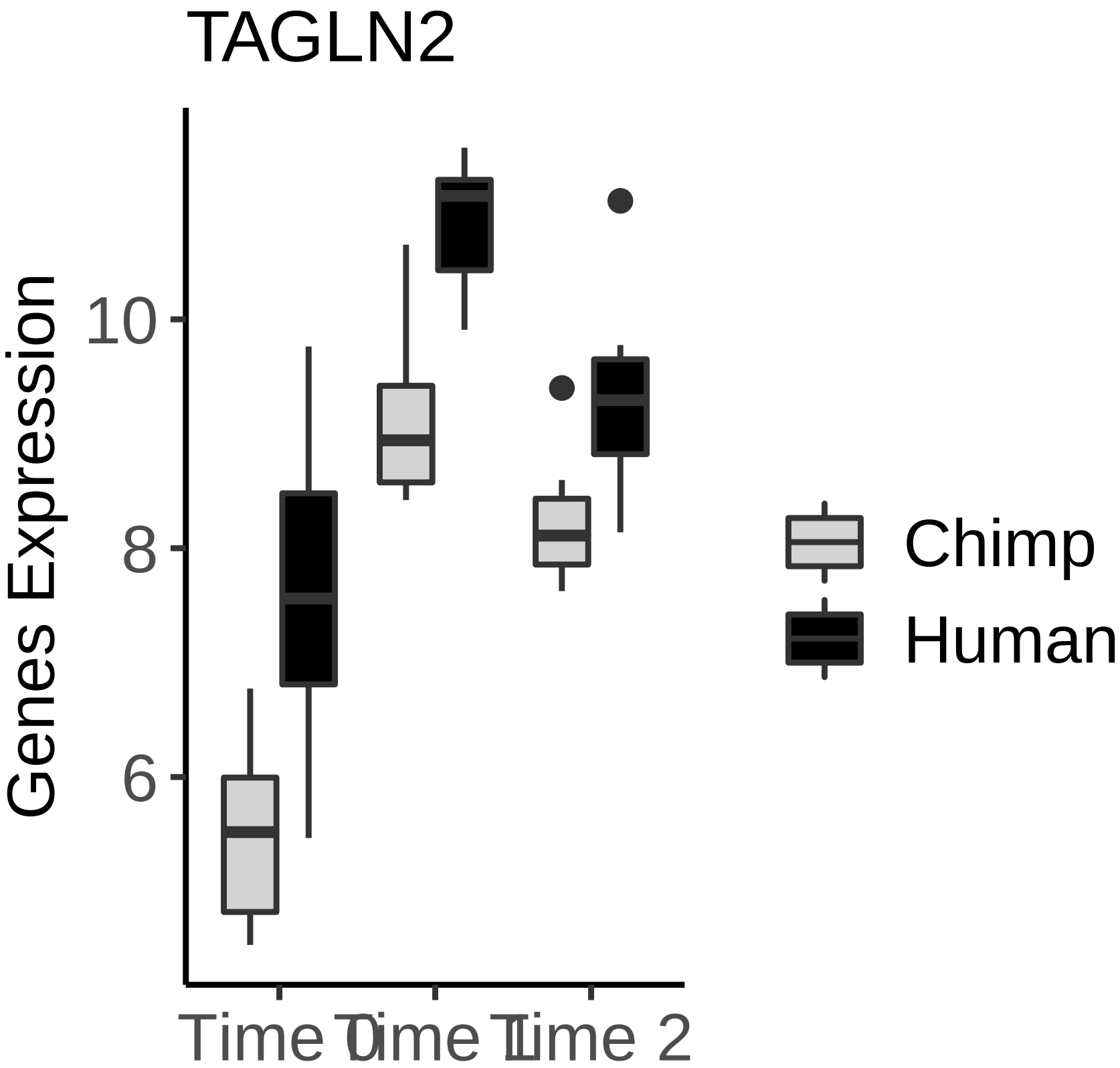
TAGLN2
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Time 2
Chimp
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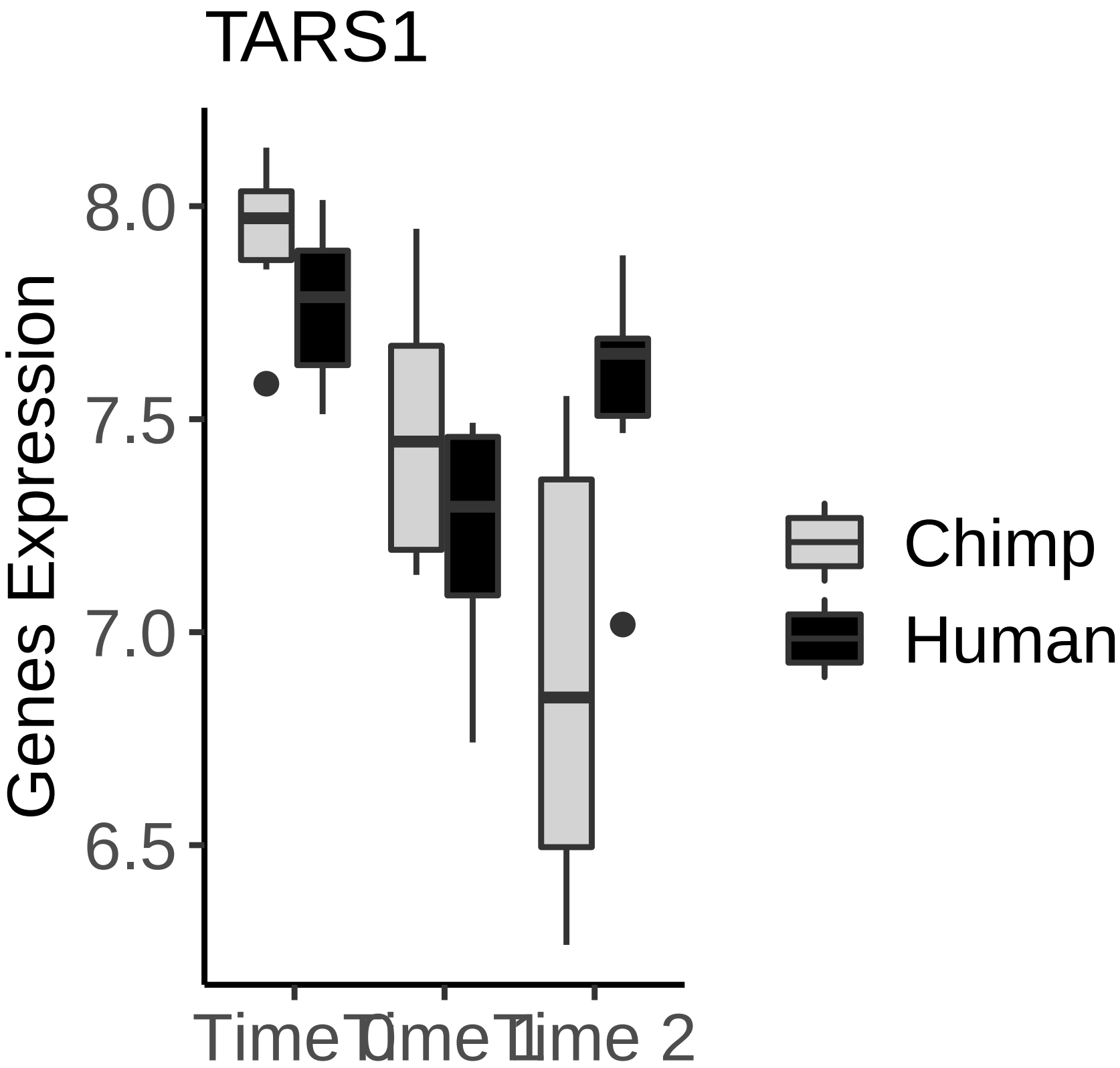
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Genes Expression
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Time 1
Time 2
Chimp
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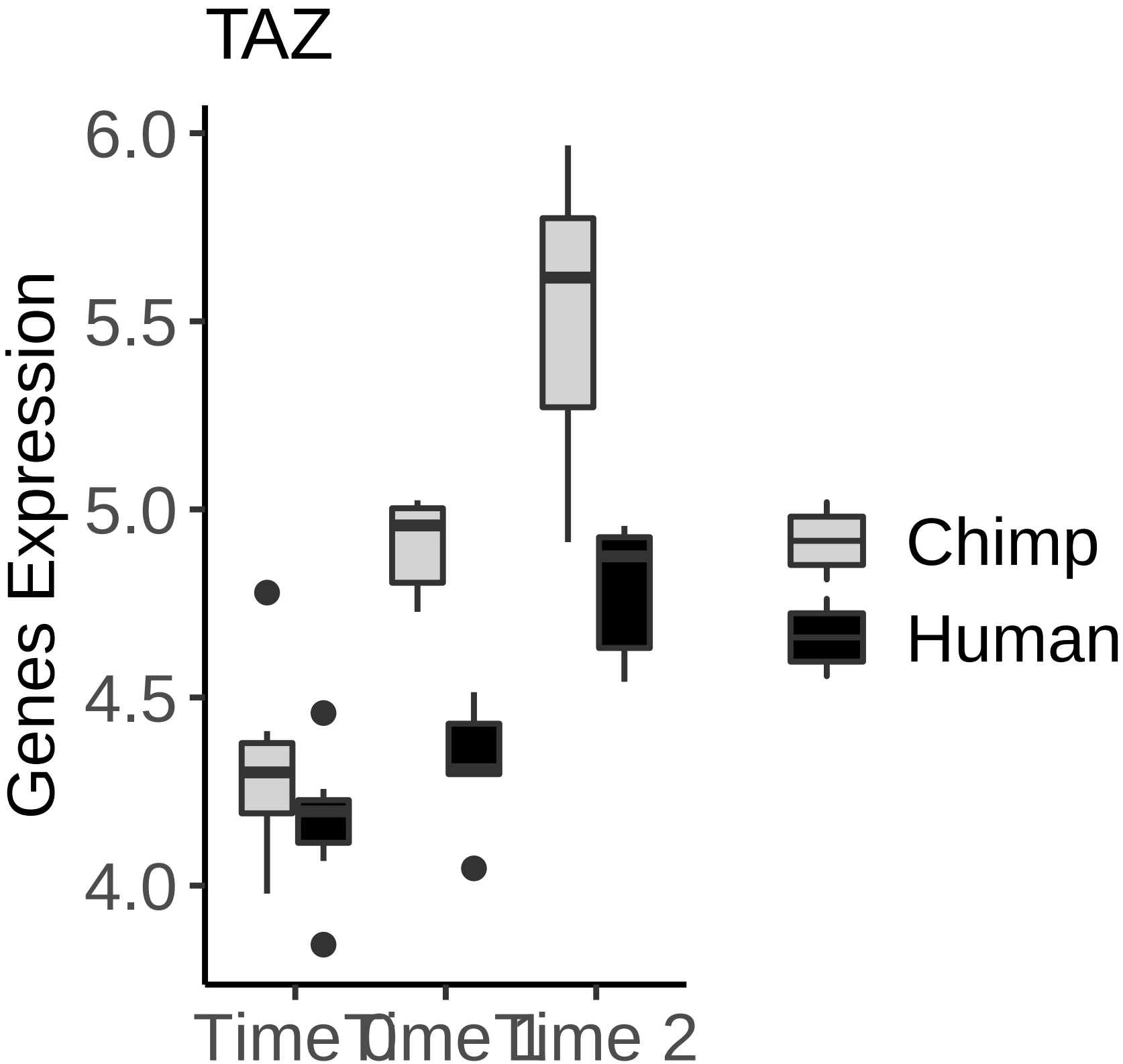
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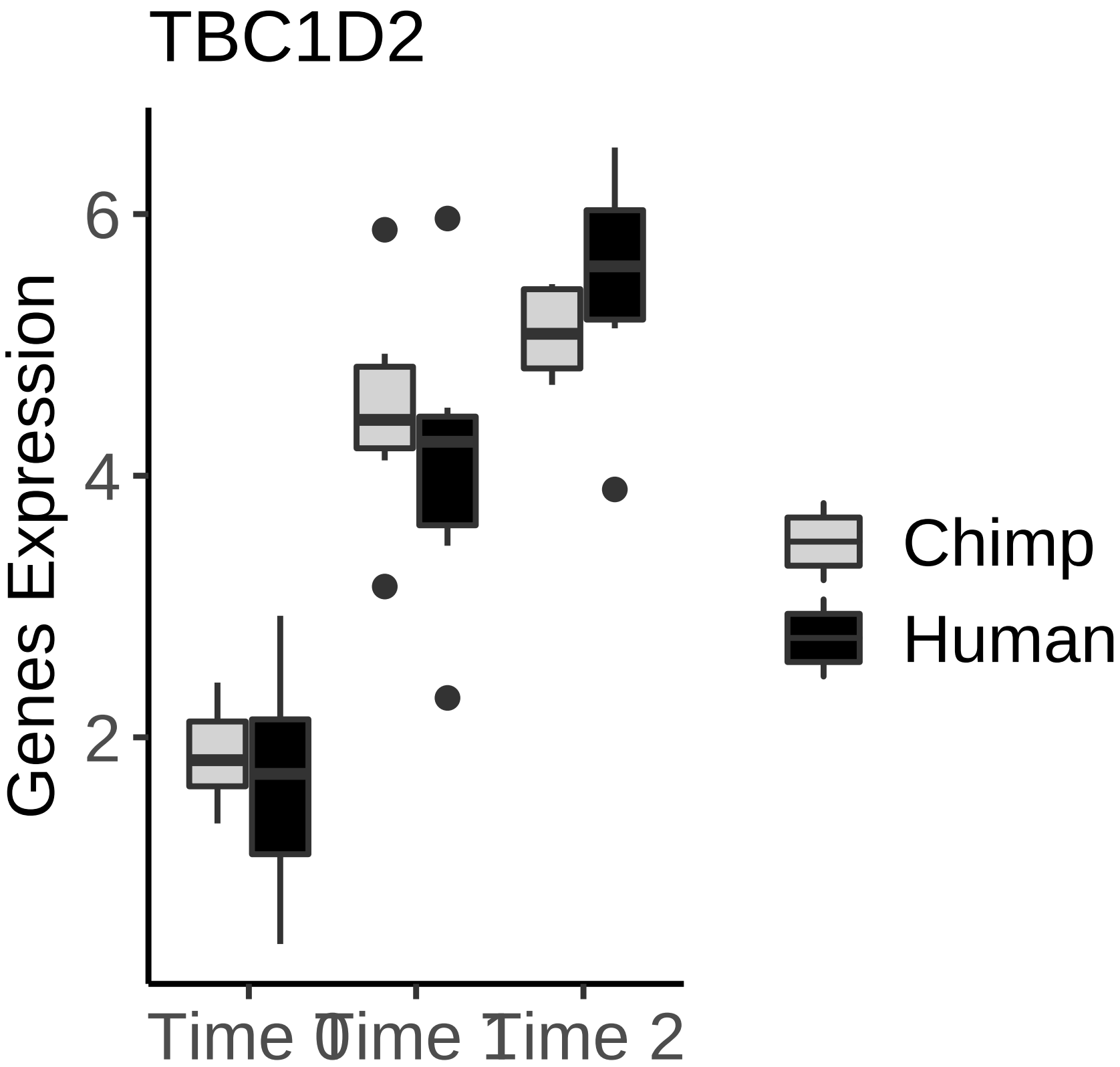
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Time 2
Chimp
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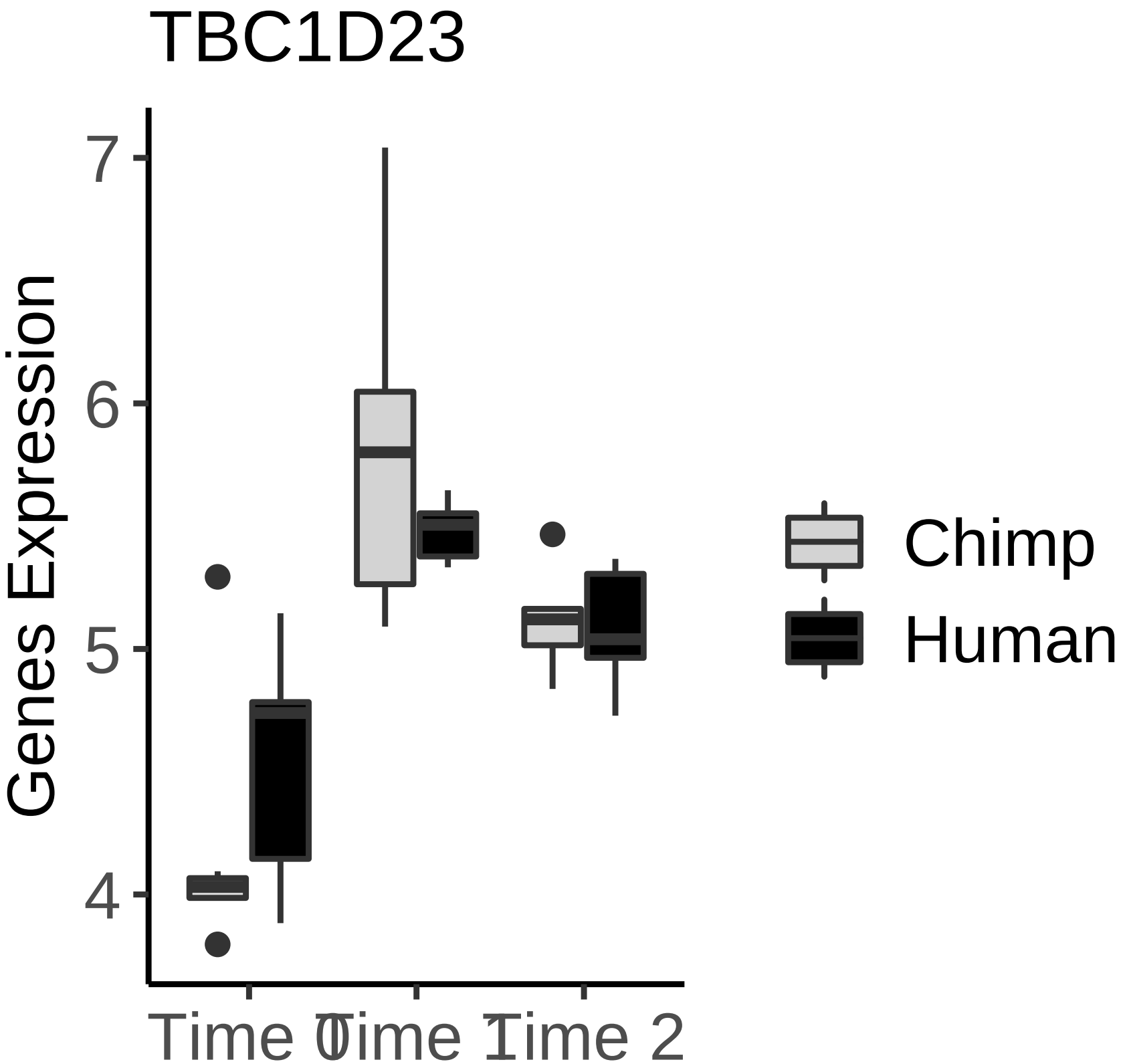
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Chimp
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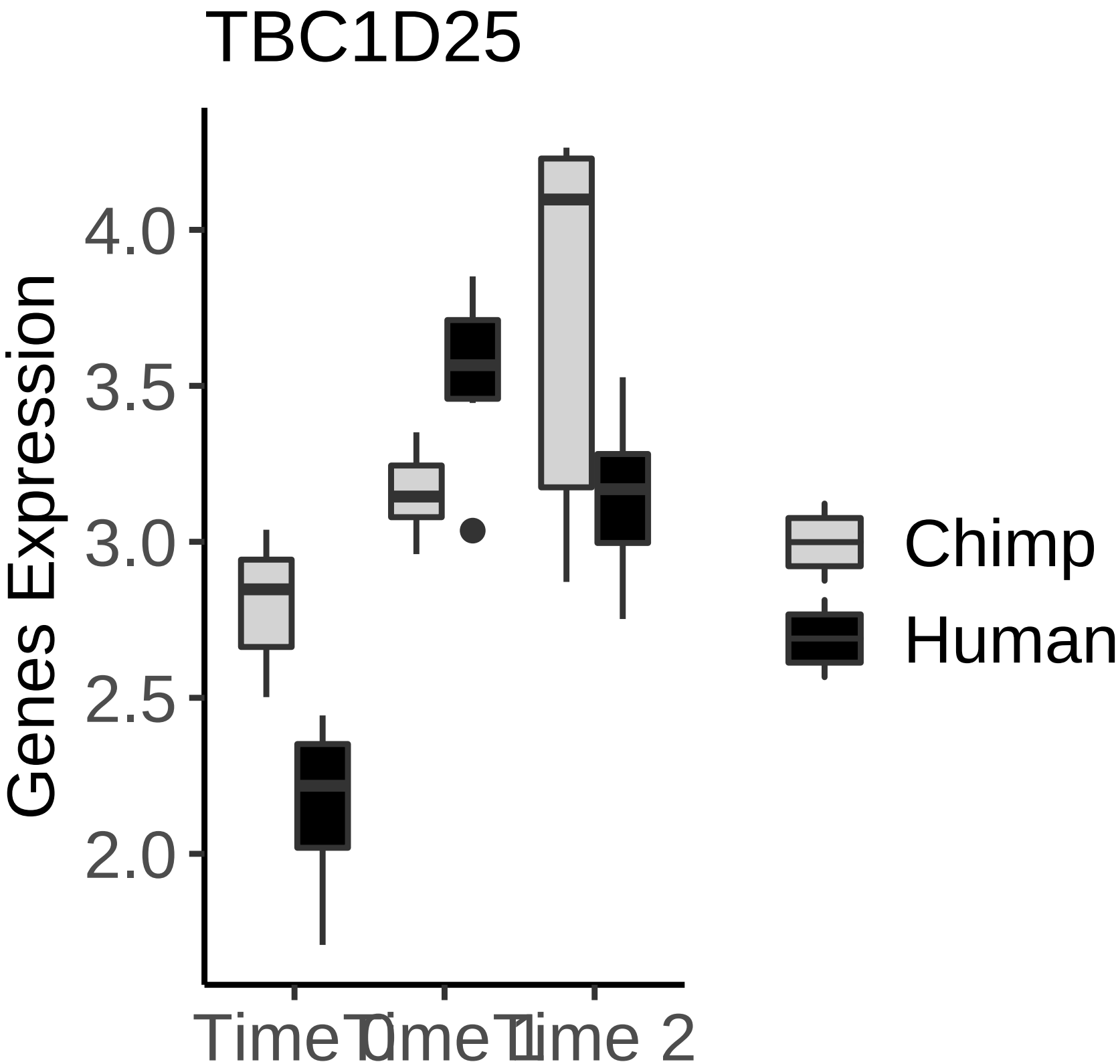
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2.5
2.0
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Time 2
Chimp
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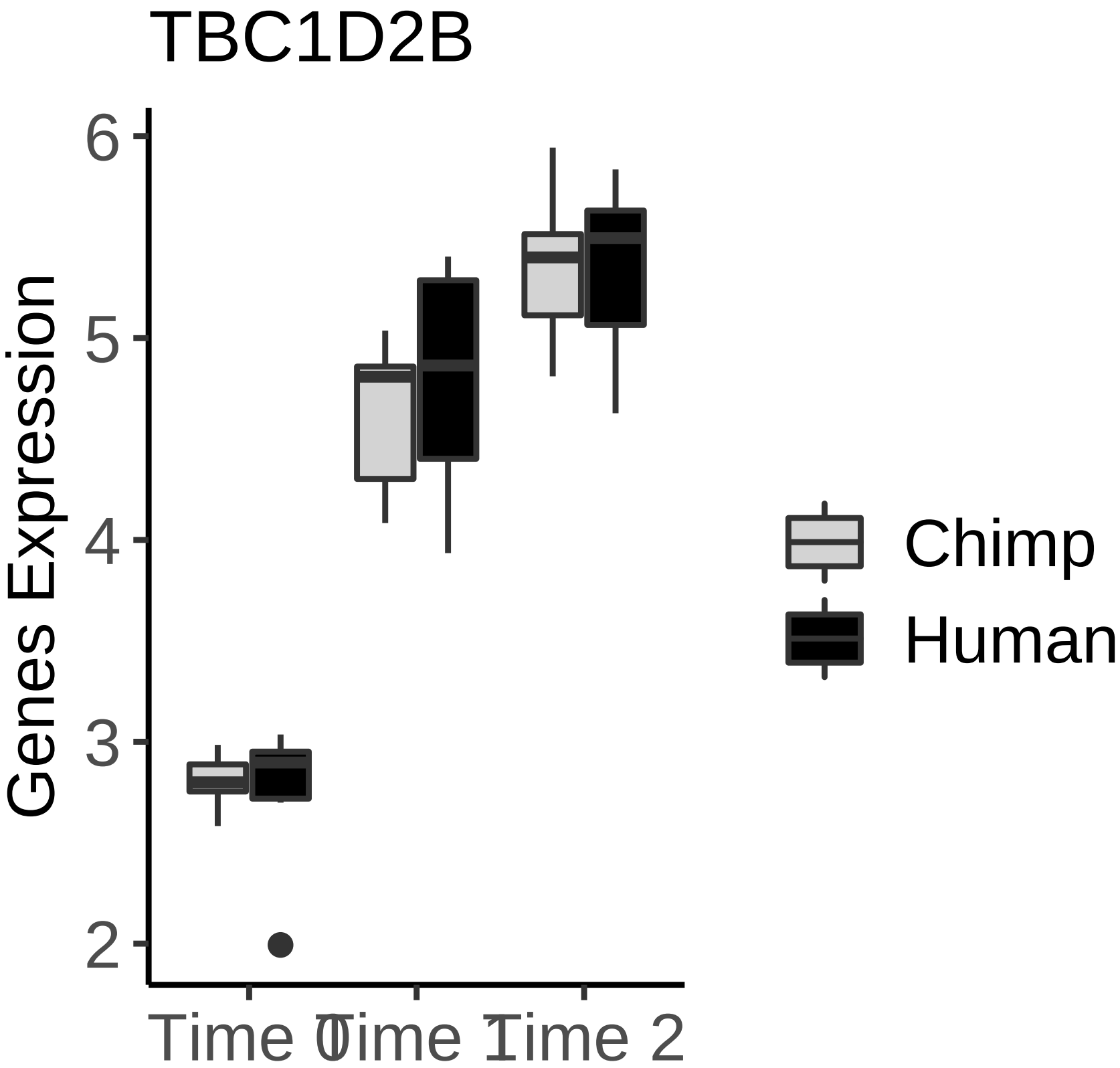
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Time 2
Chimp
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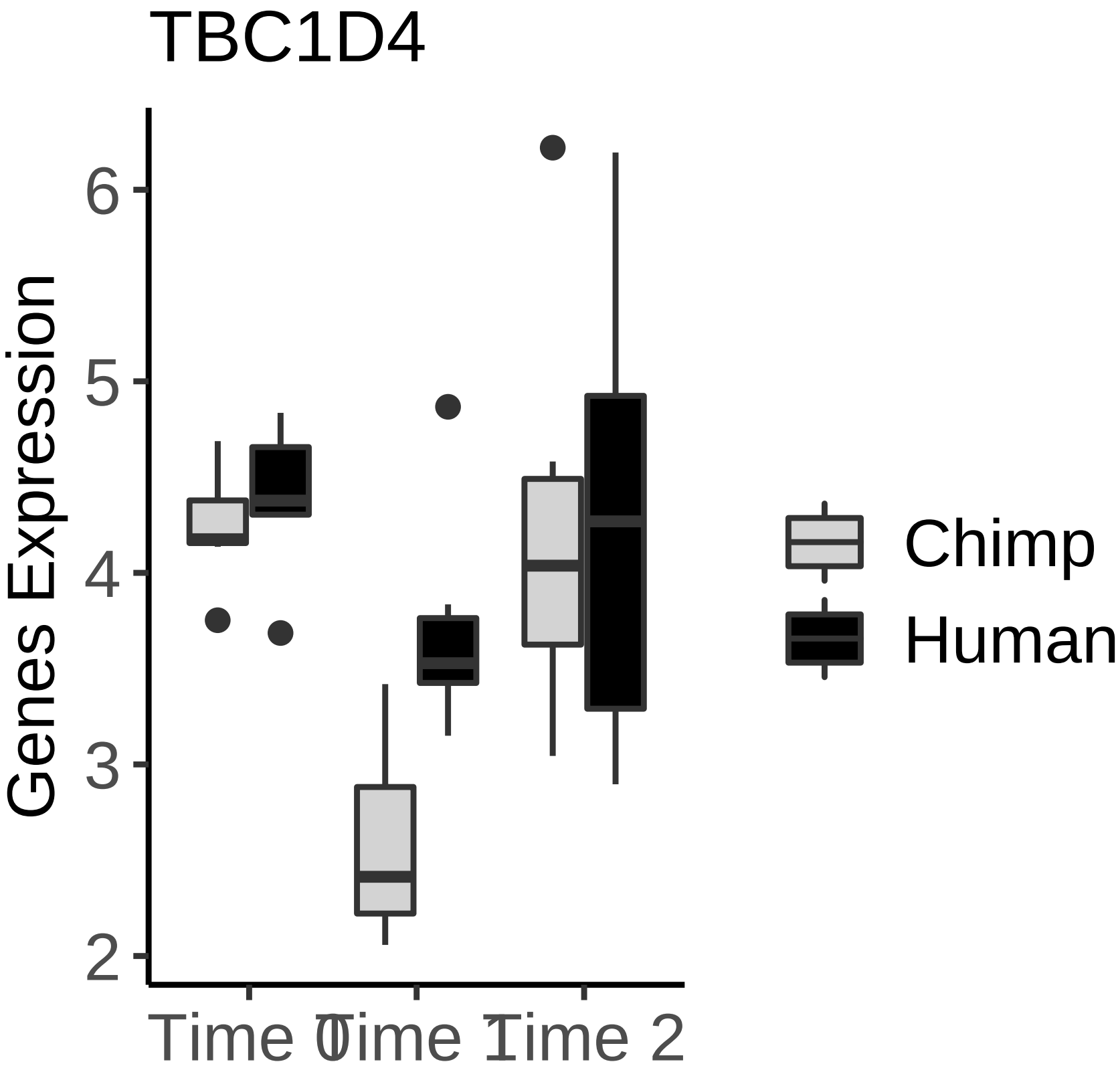
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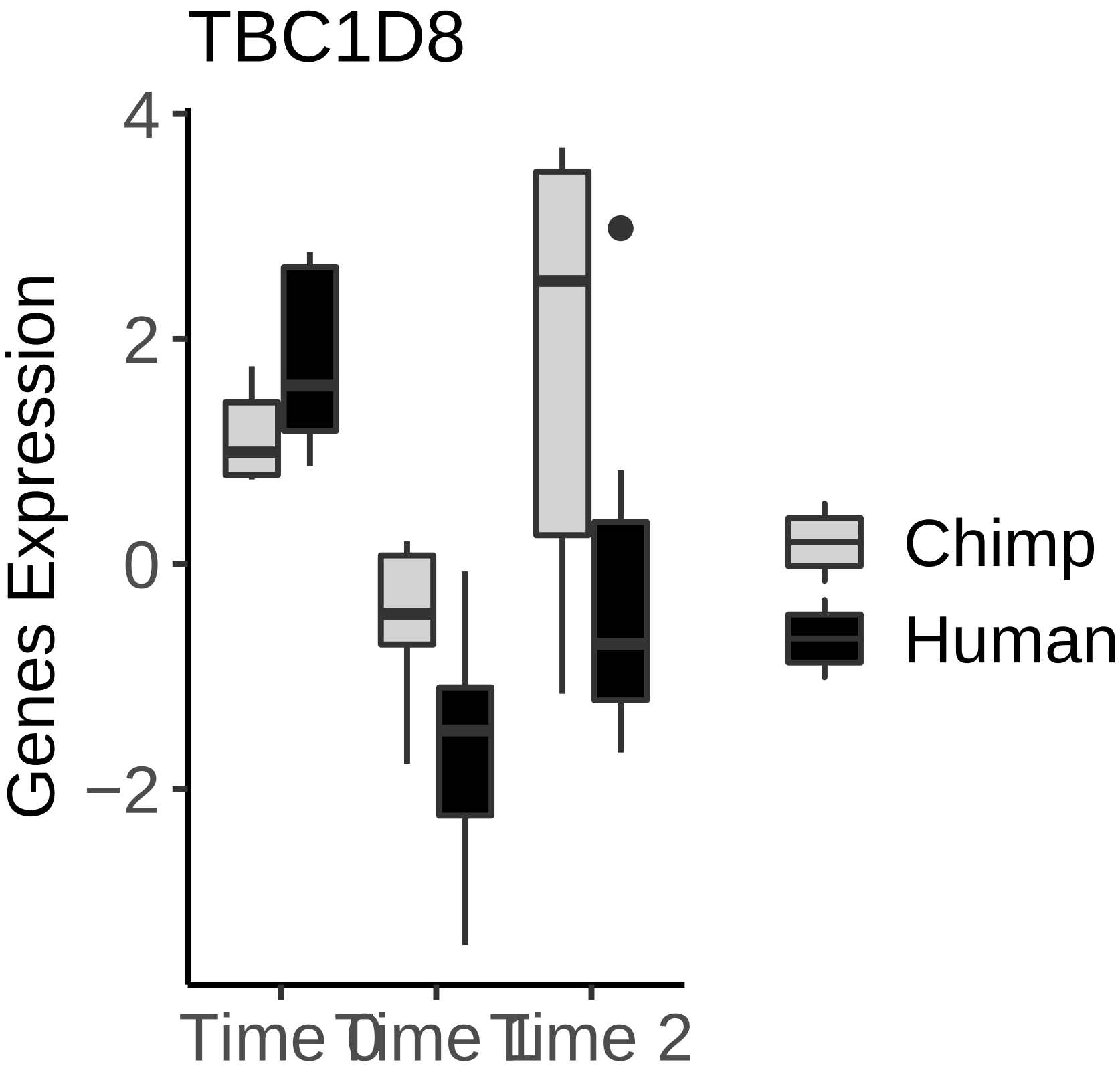
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Time 2
Chimp
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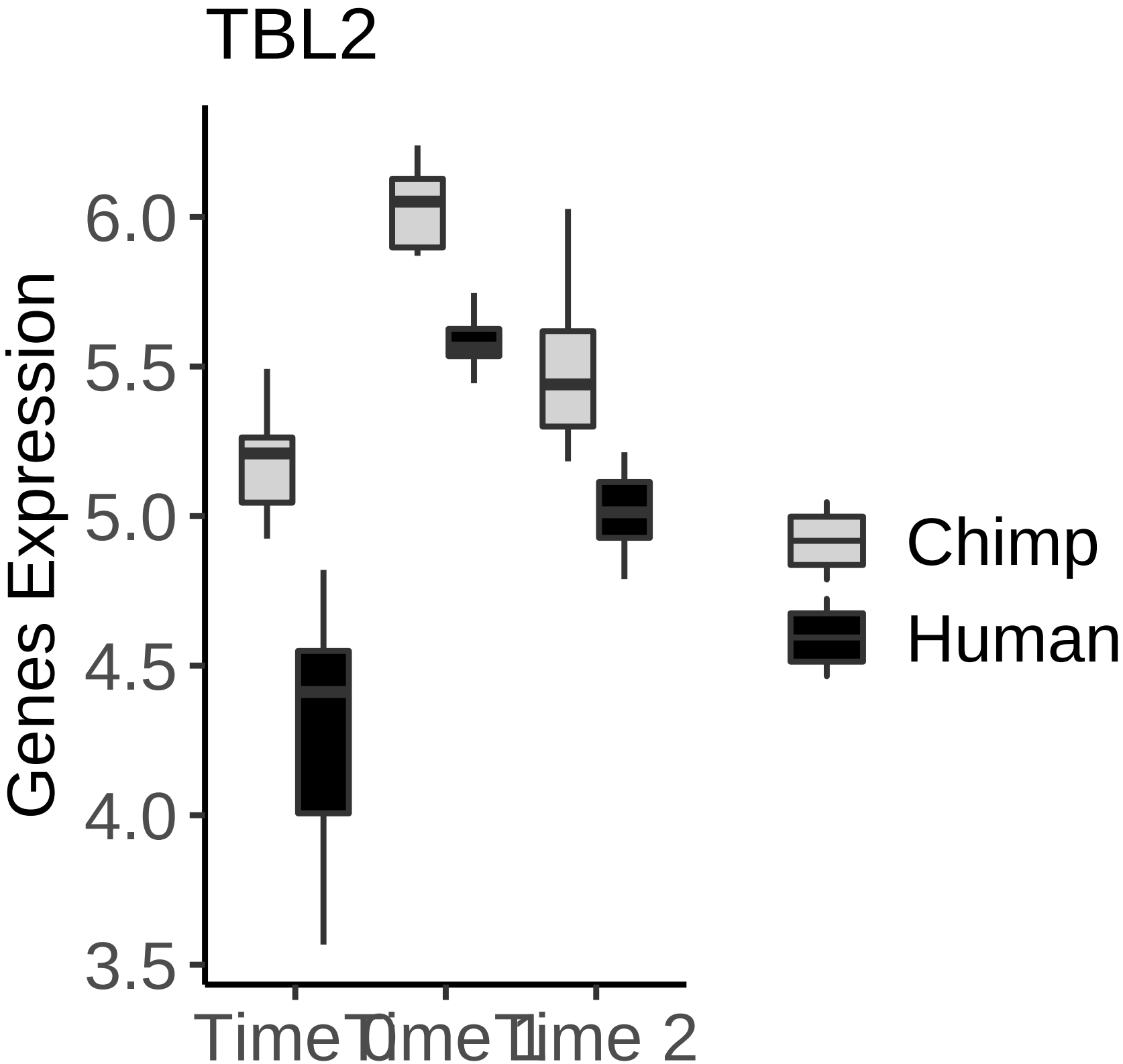
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3.5
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Time 2
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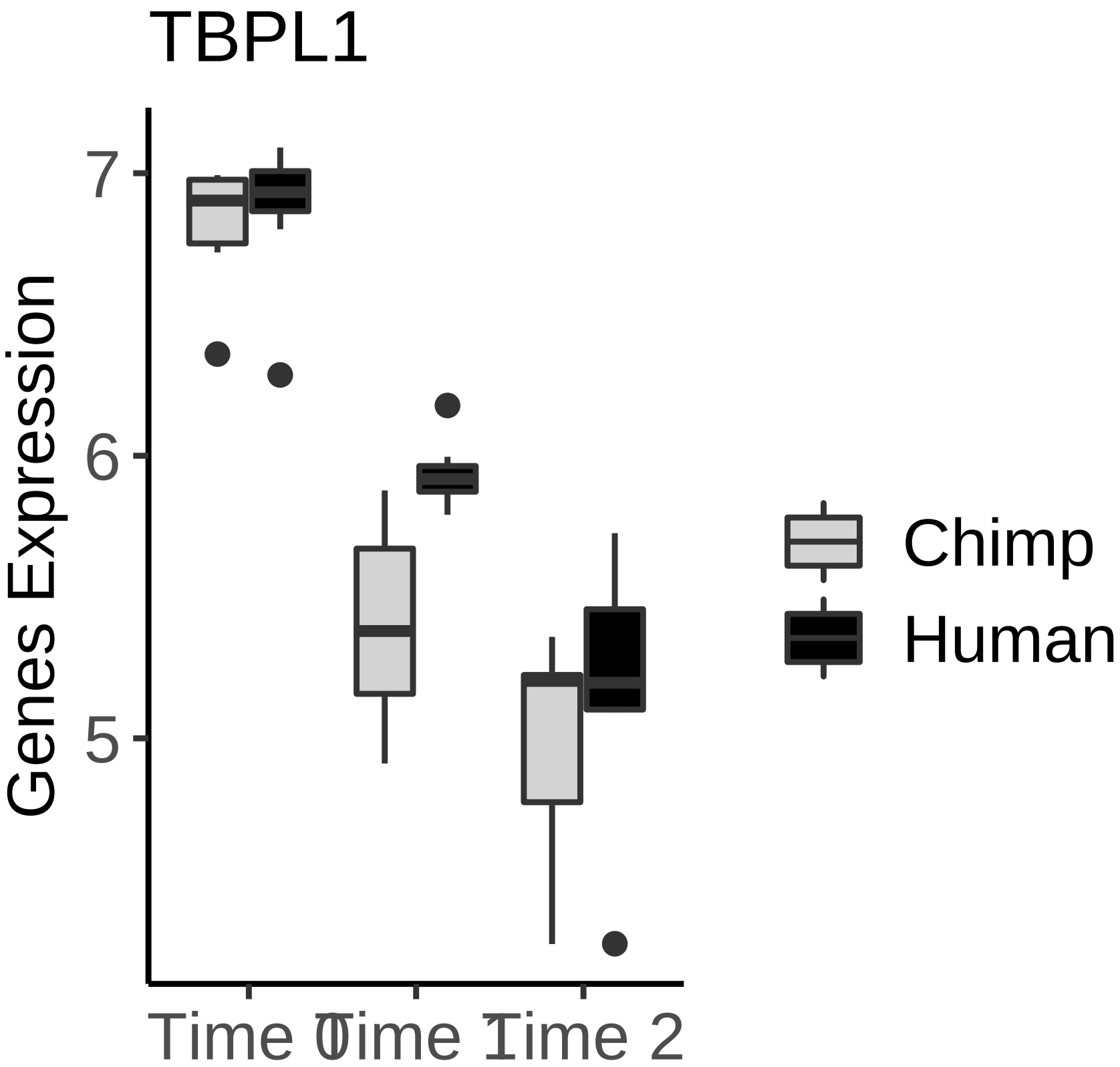
TBPL1
Genes Expression
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5
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Time 1
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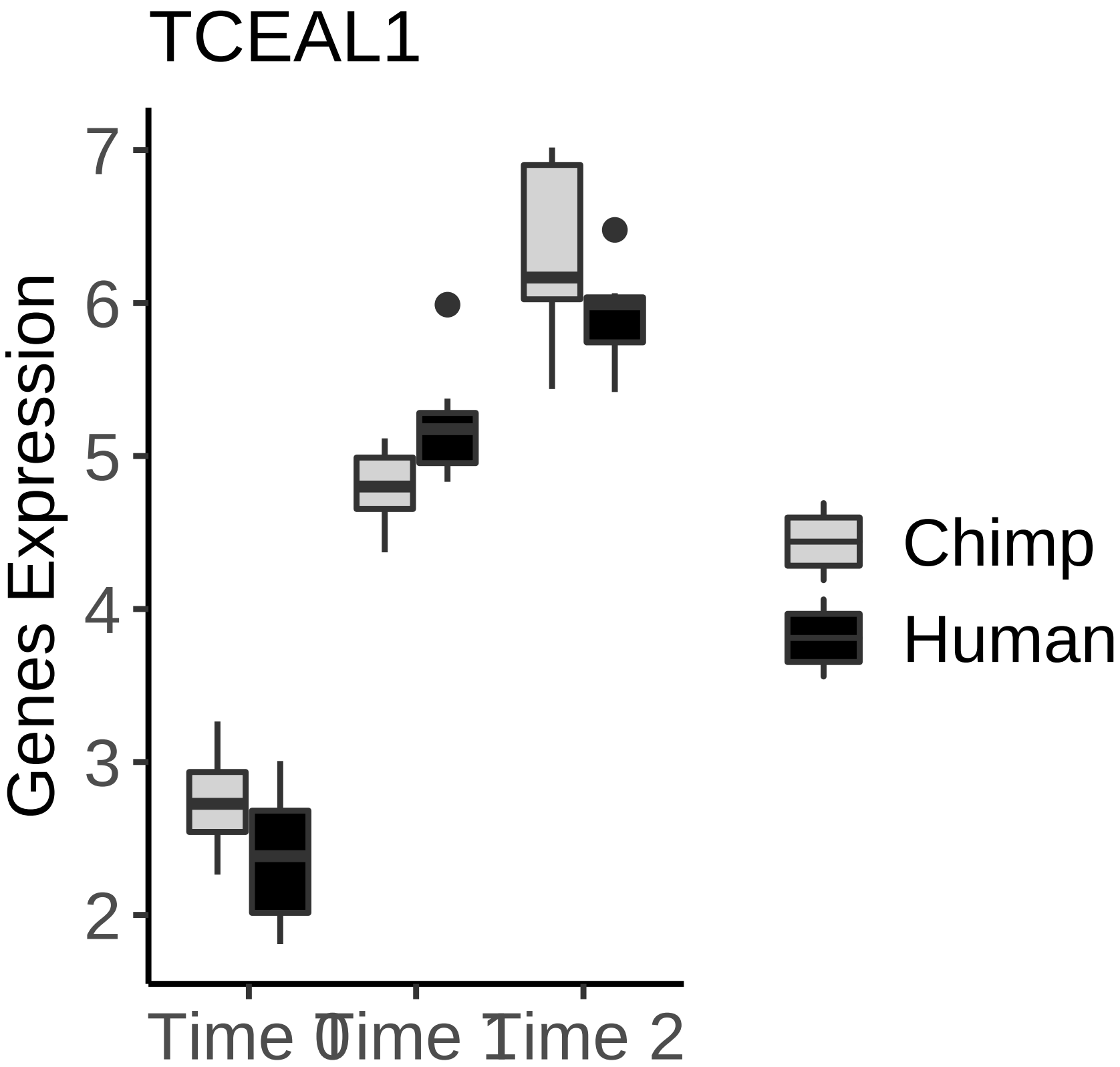
TCEAL1
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2
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Time 1
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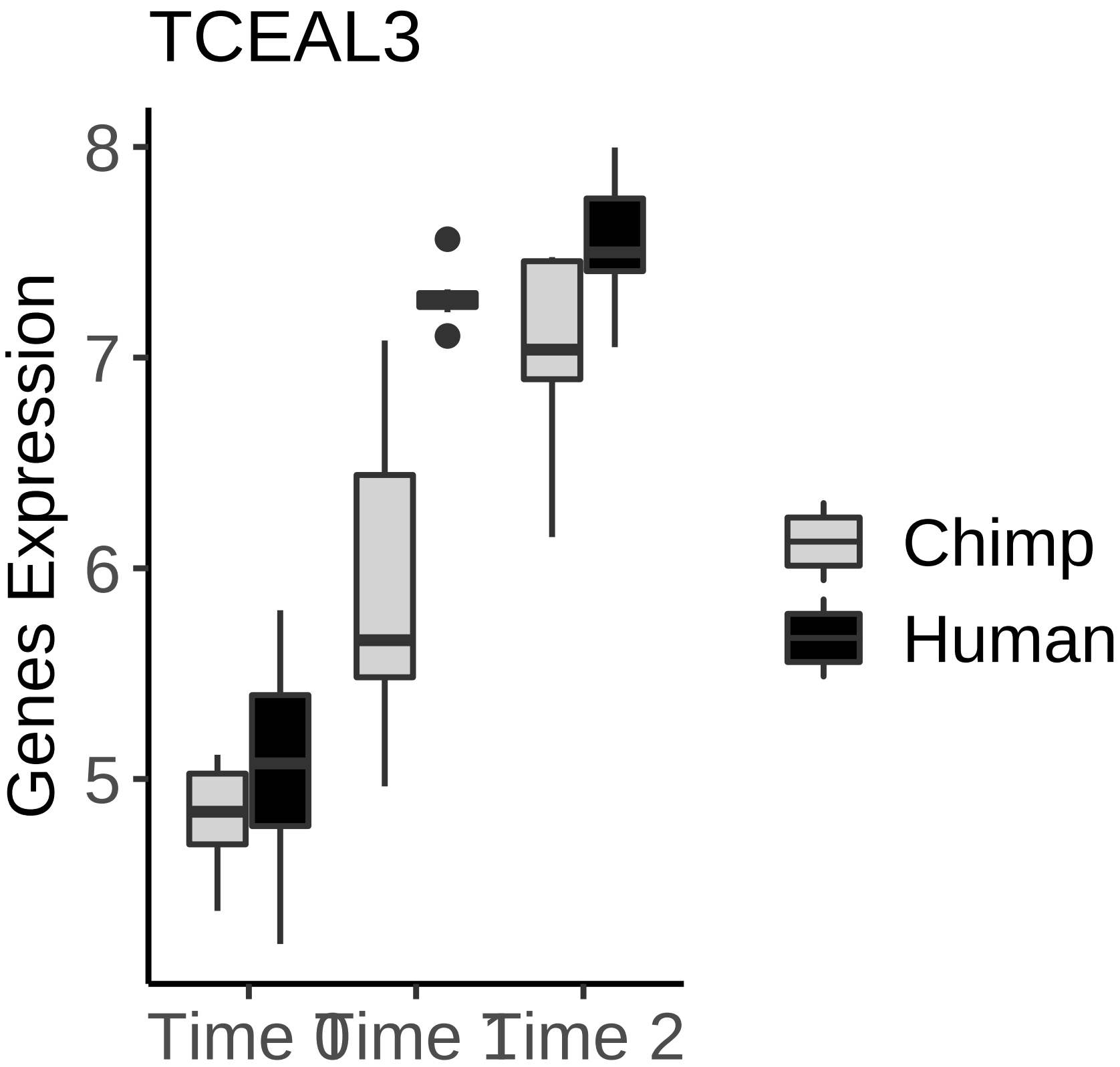
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Time 1
Time 2
Chimp
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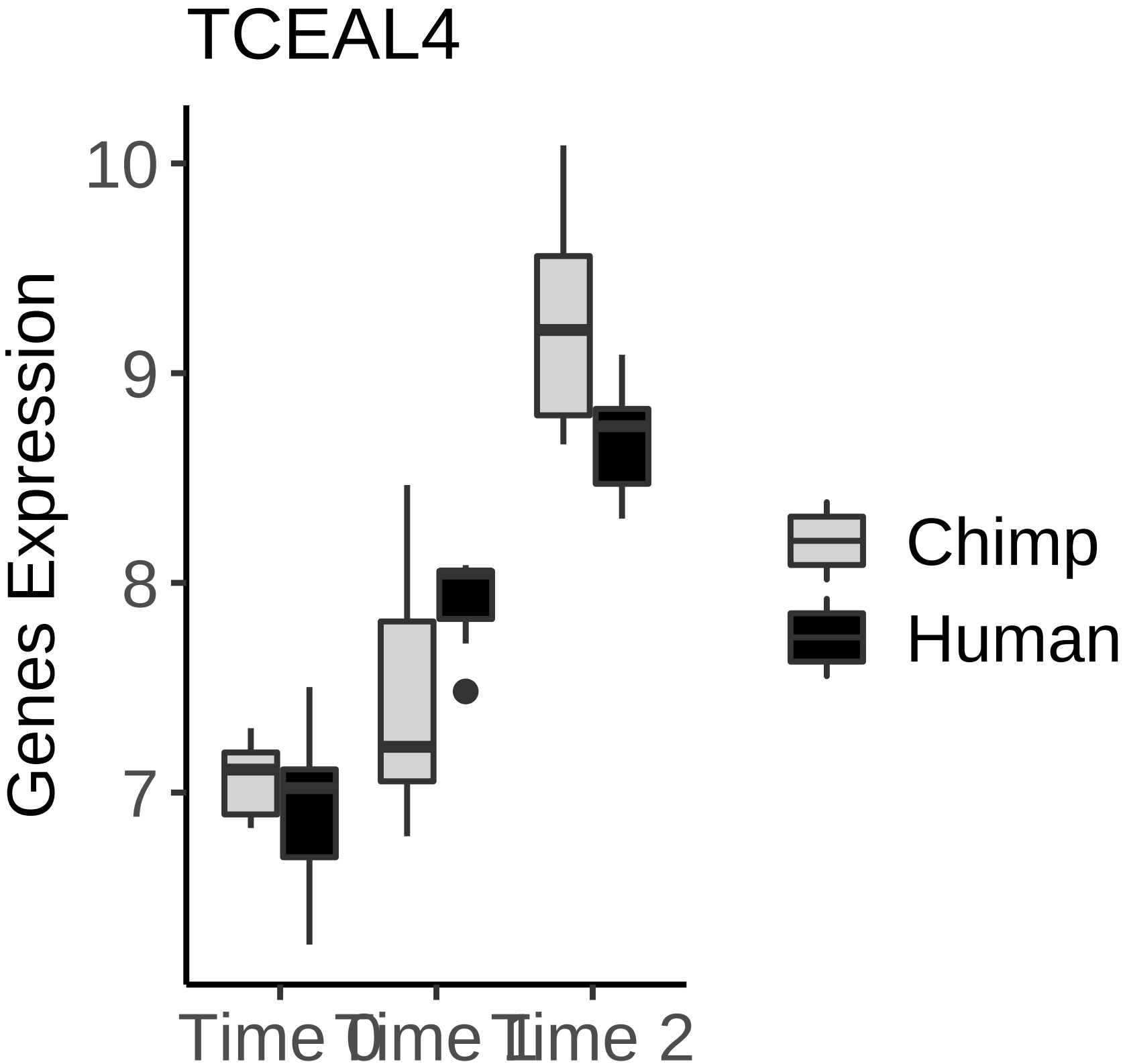
TCEAL4
Genes Expression
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7
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Time 1
Time 2
Chimp
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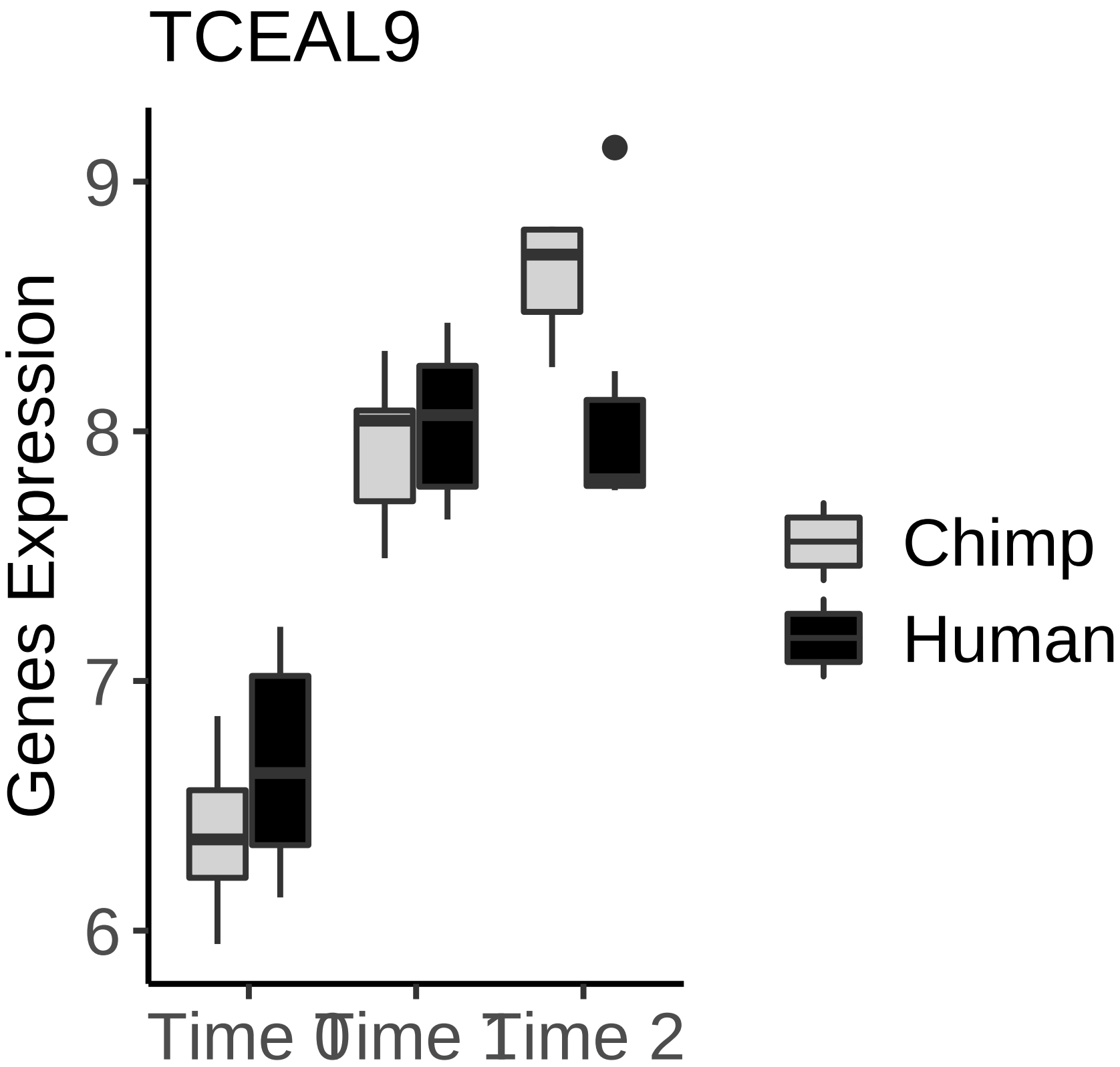
TCEAL9
Genes Expression
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8
7
6
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Time 2
Chimp
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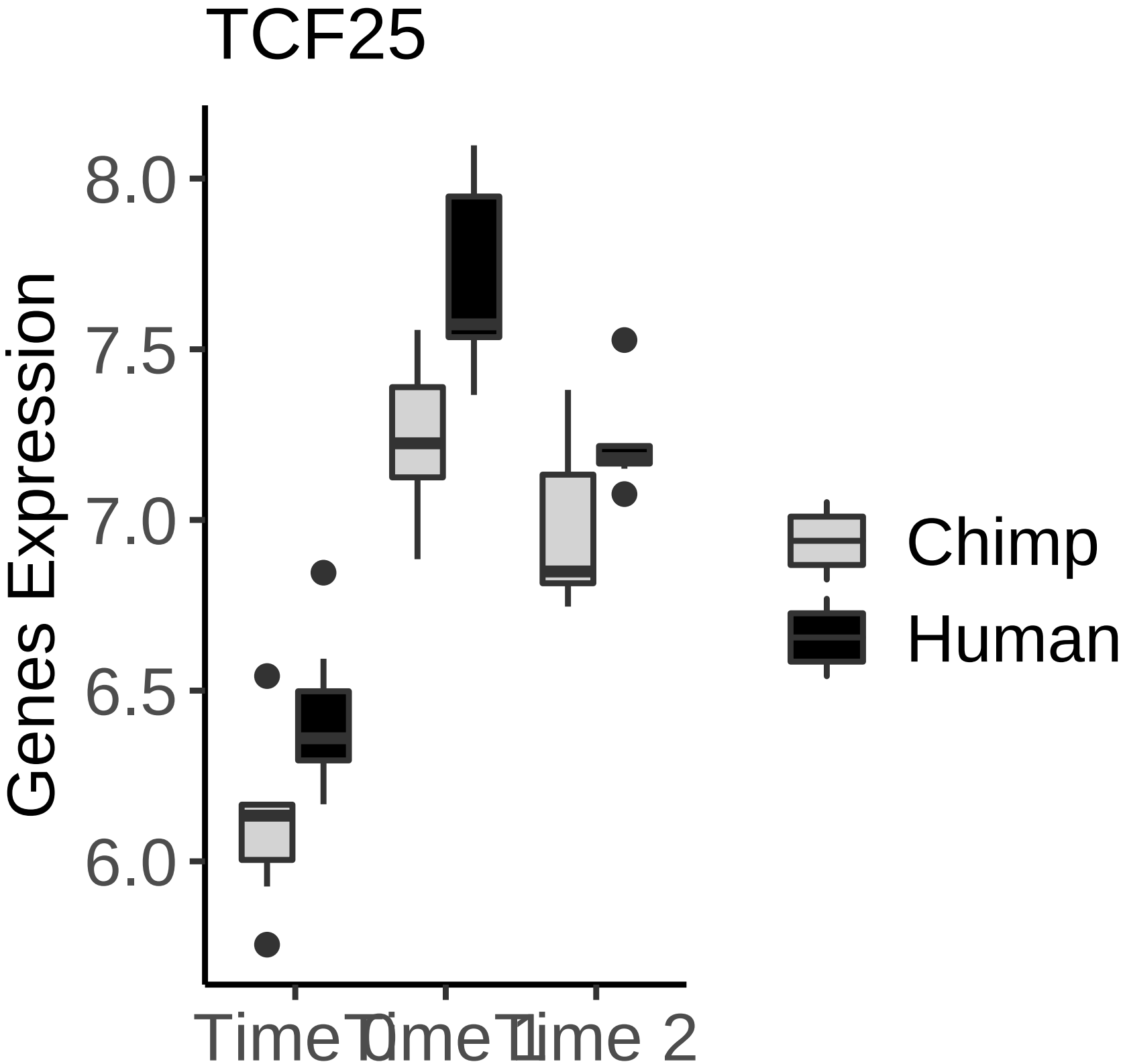
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6.0
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Chimp
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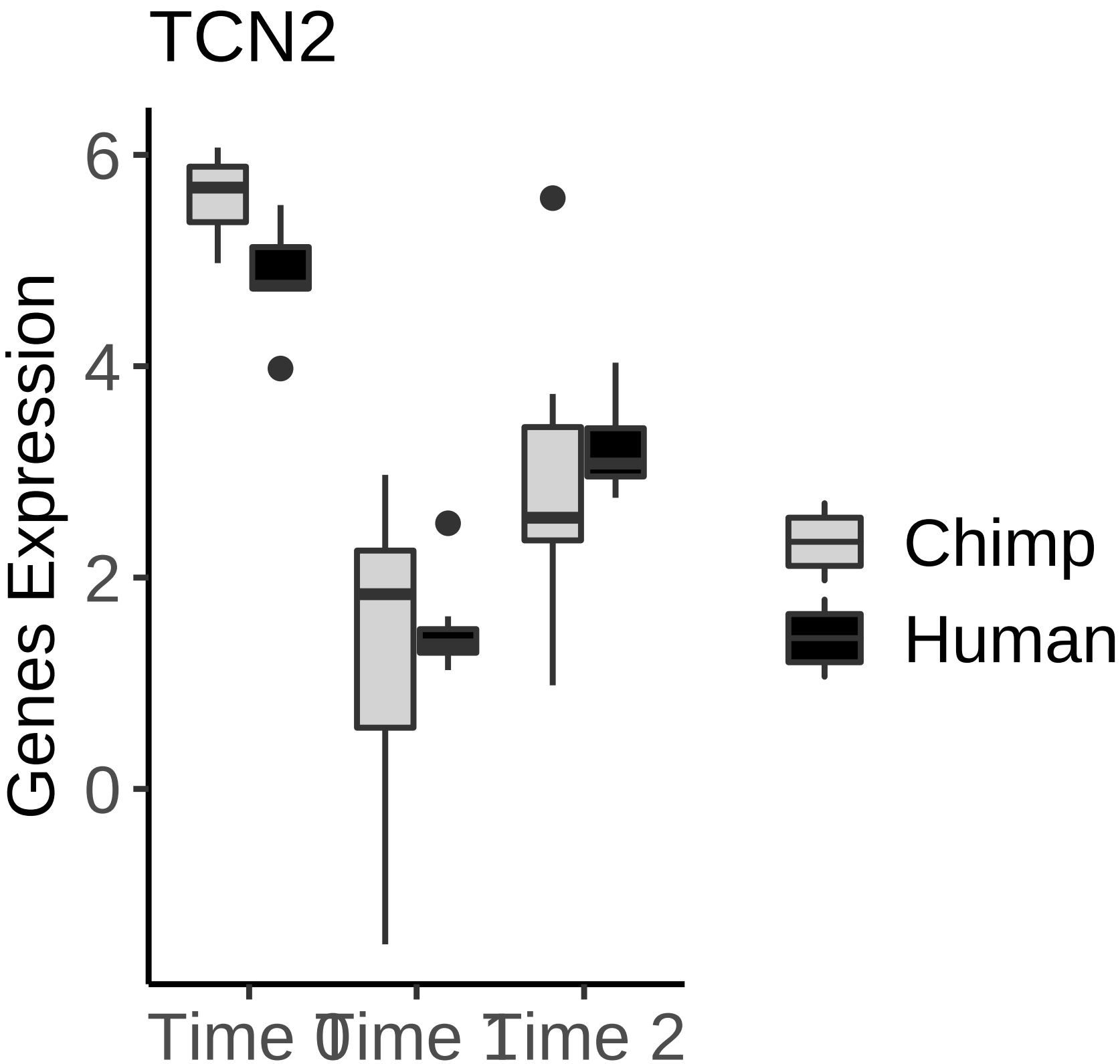
TCN2
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2
0
Time 0
Time 1
Time 2
Chimp
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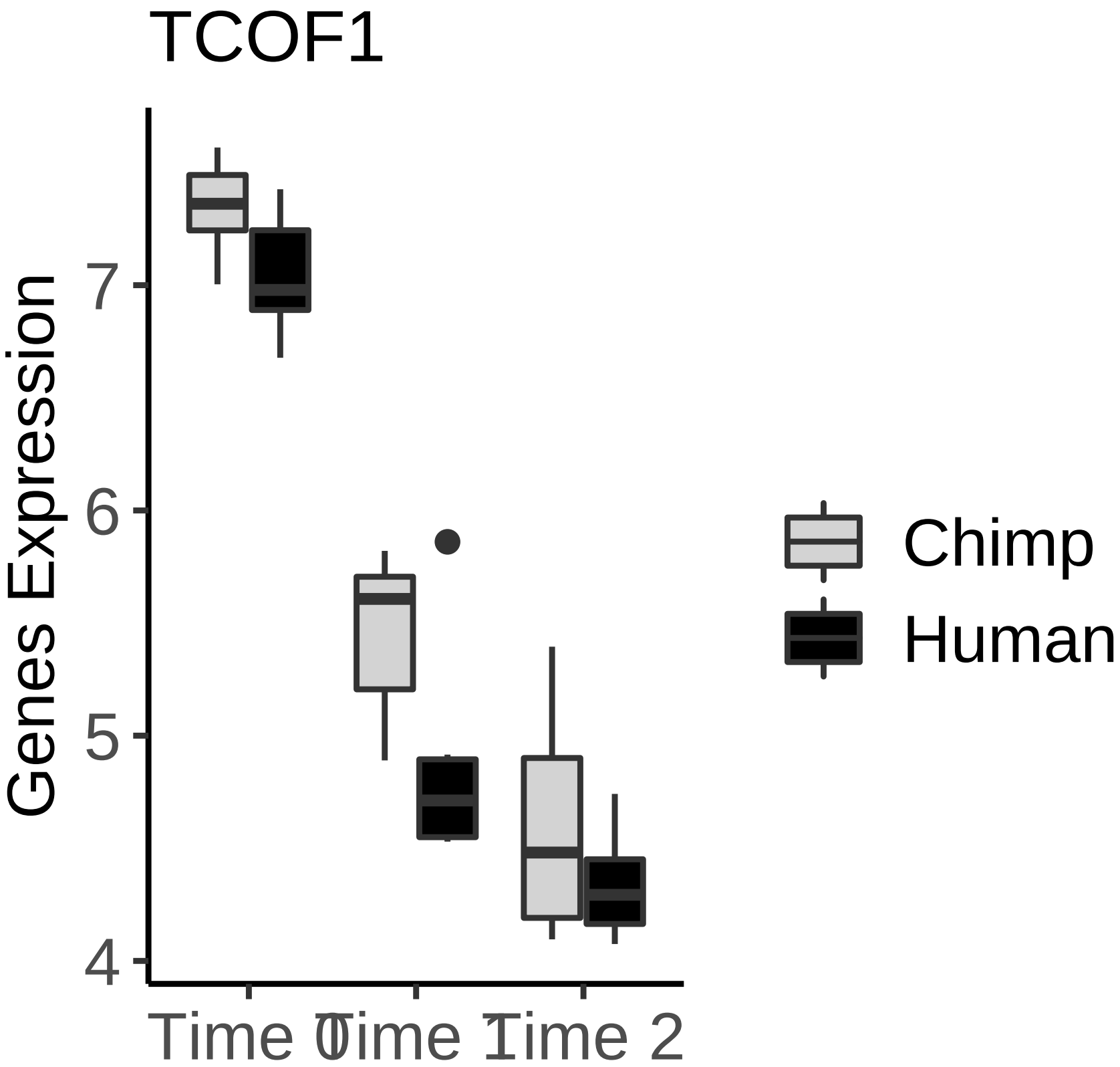
TCOF1
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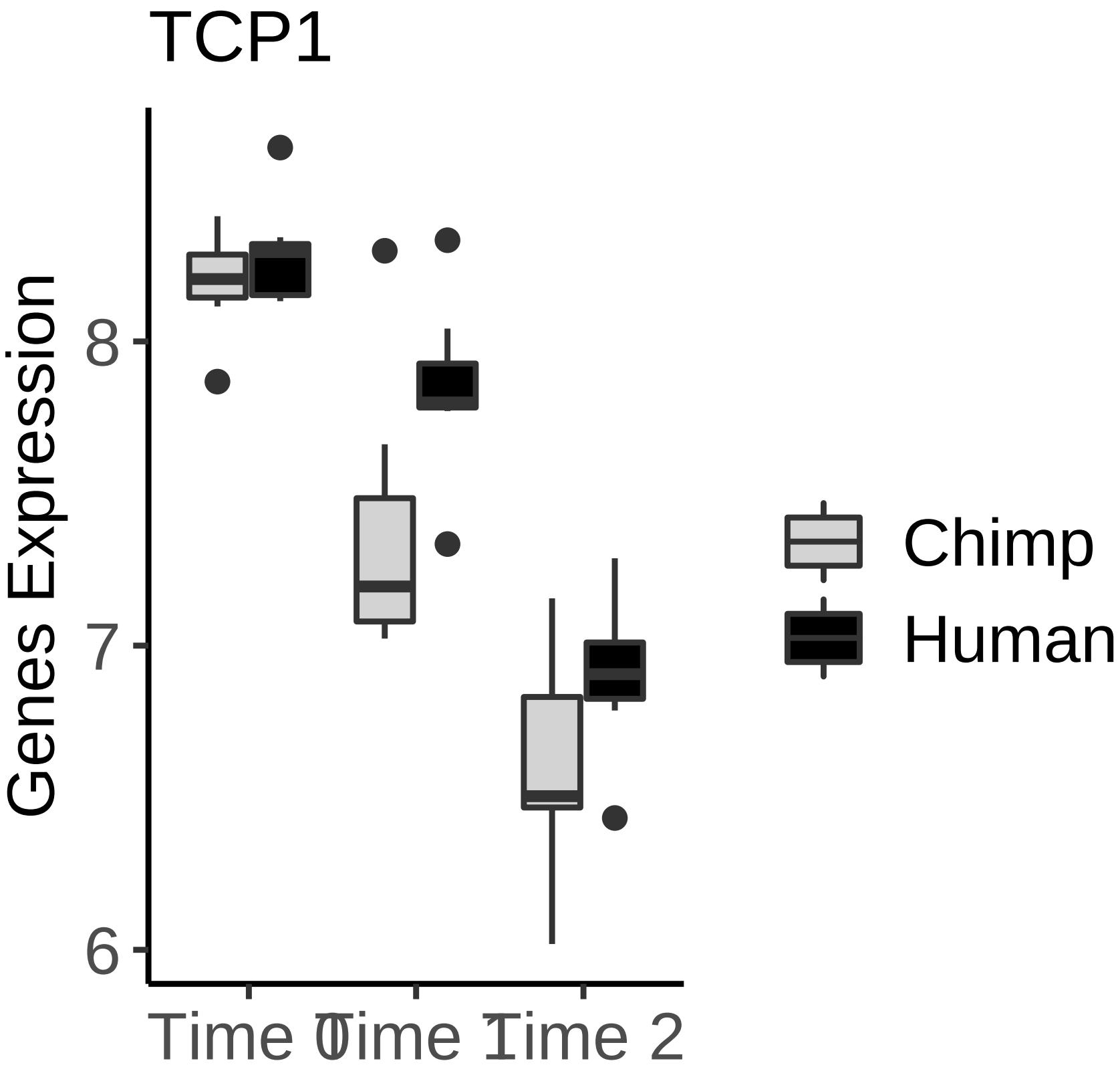
5
4
Time 0
Time 1
Time 2
Chimp
Human


TCP1
Genes Expression
8
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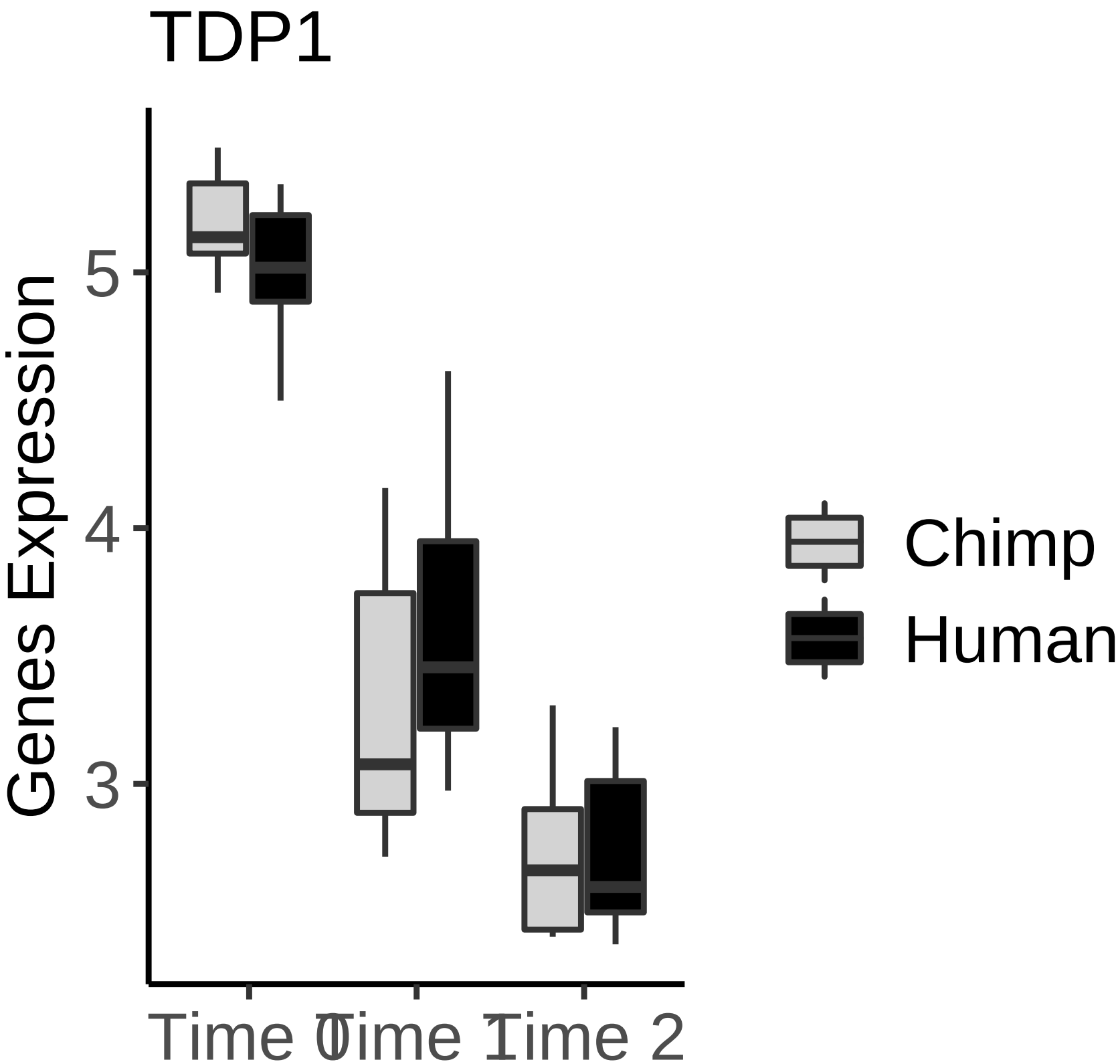
Time 1
Time 2
Chimp
Human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Genes Expression
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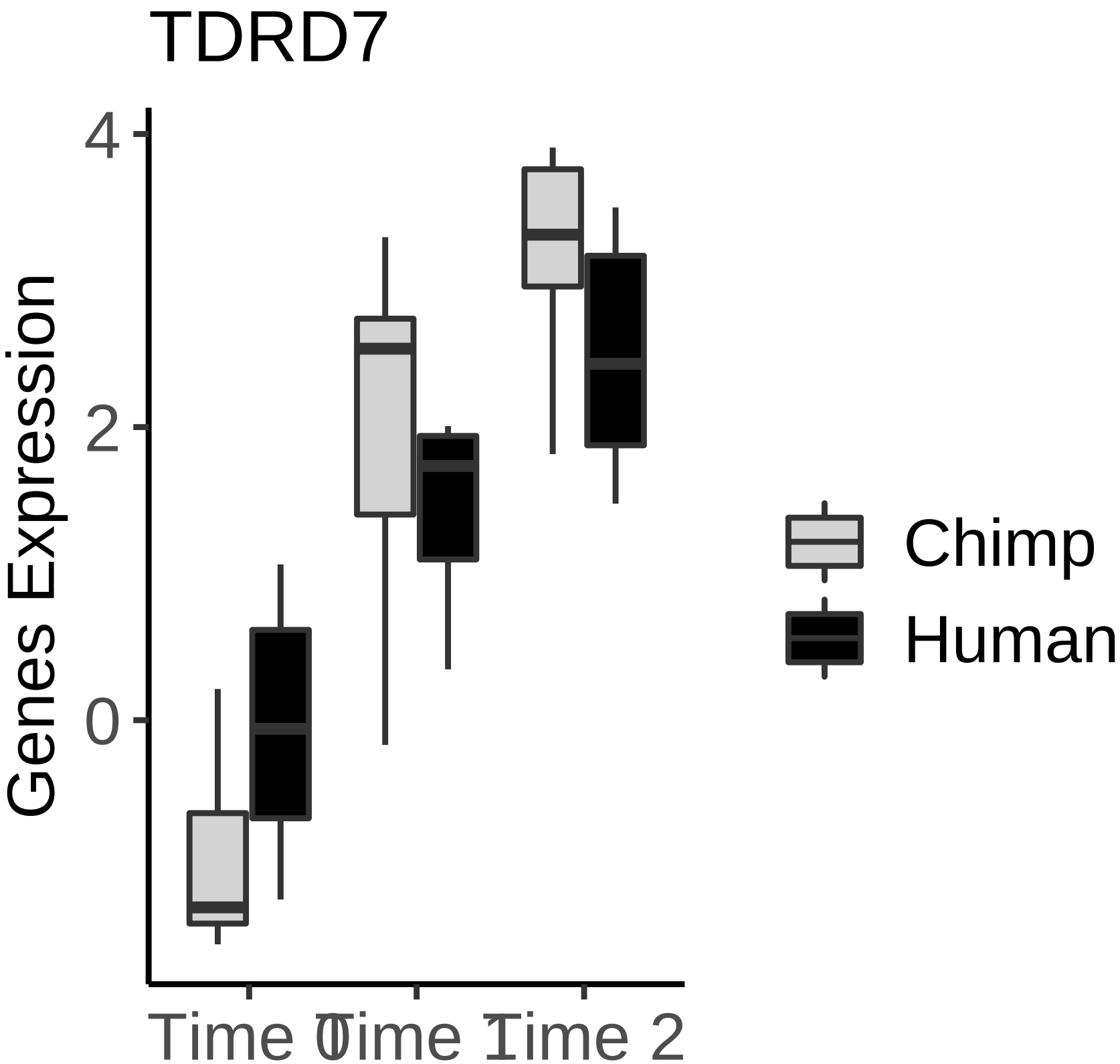
Time 1
Time 2
Chimp
Human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Time 1
Time 2
Chimp
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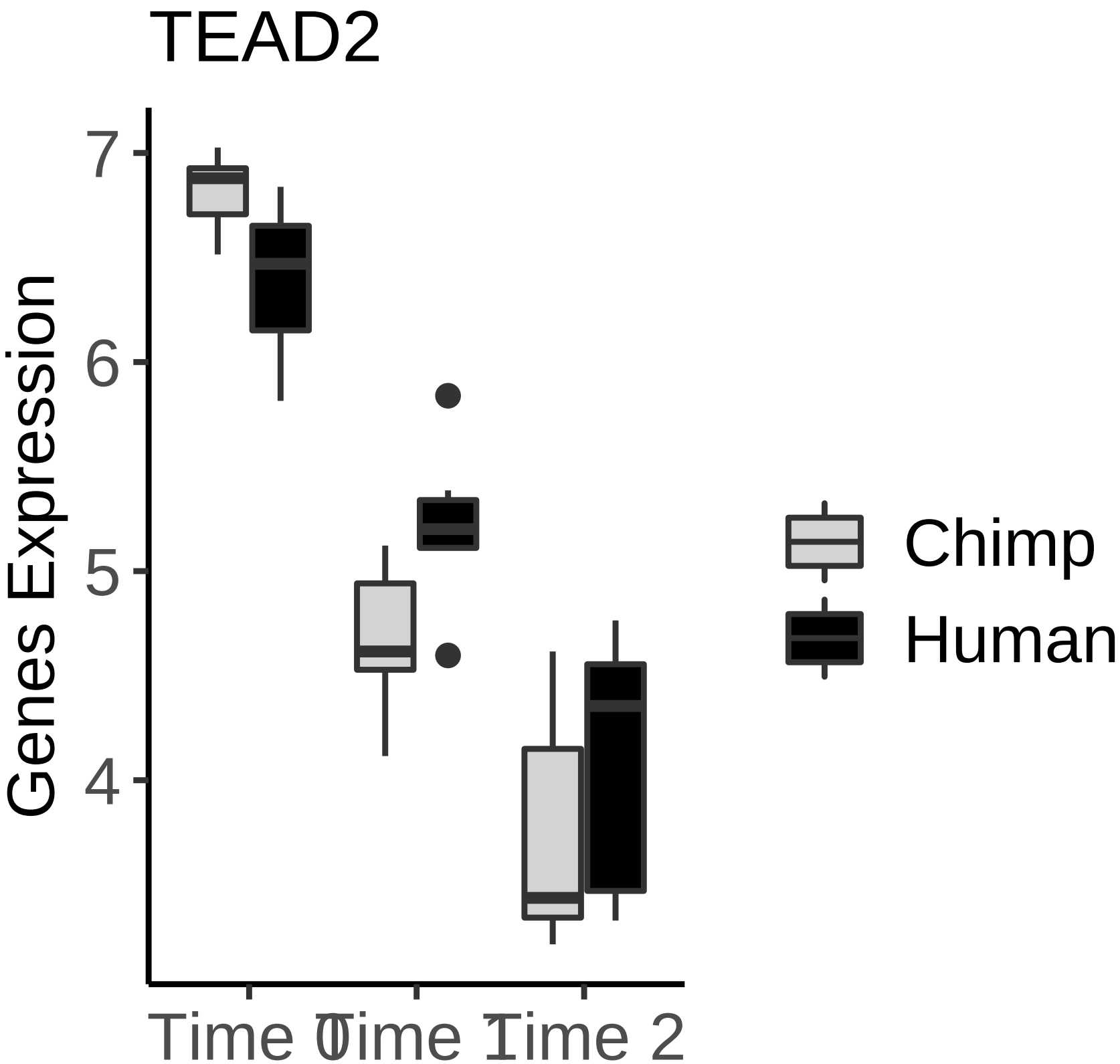
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Genes Expression
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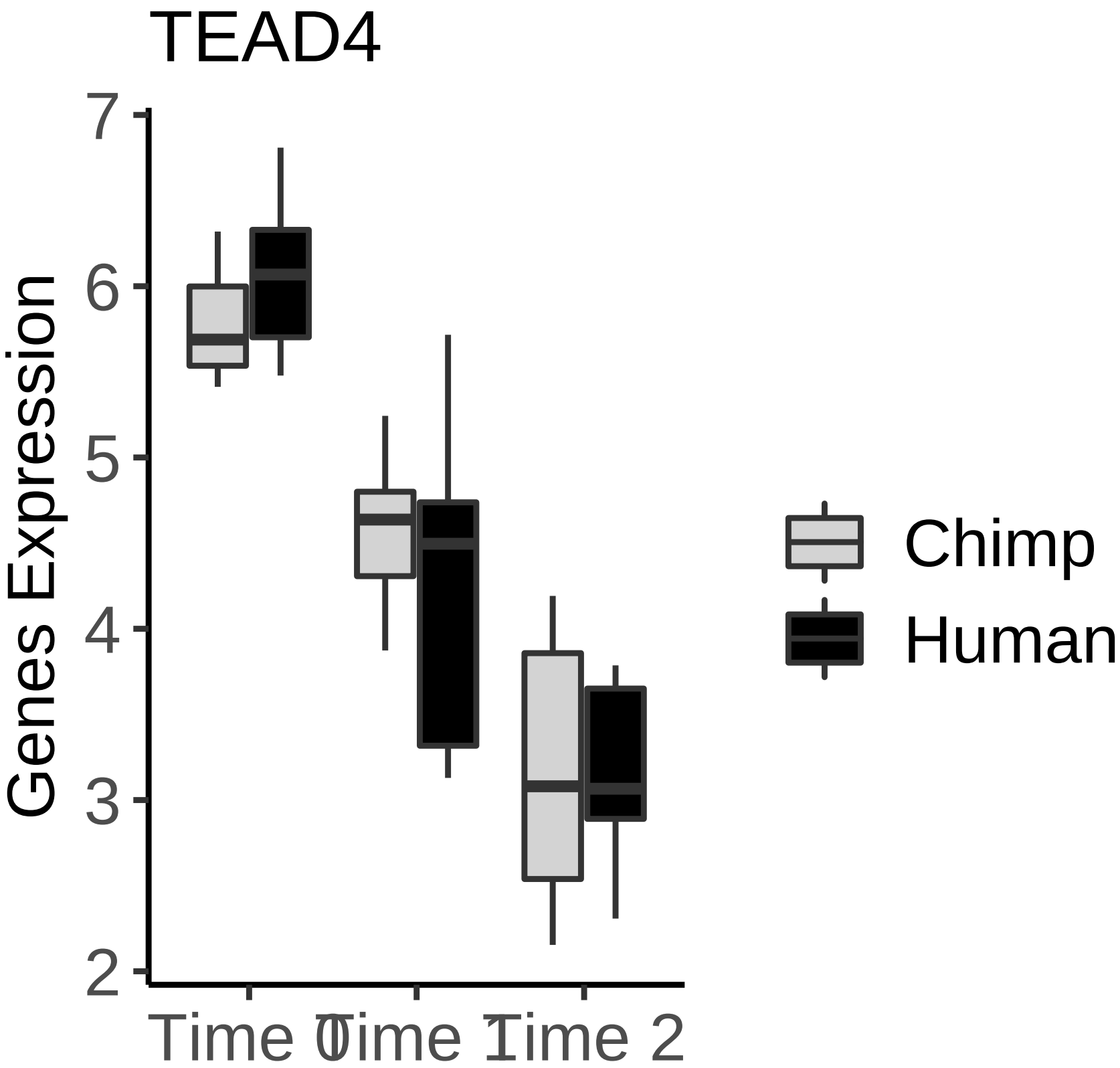
5
4
Time 0
Time 1
Time 2
Chimp
Human


TEAD4
Genes Expression
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6
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2
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Time 1
Time 2
Chimp
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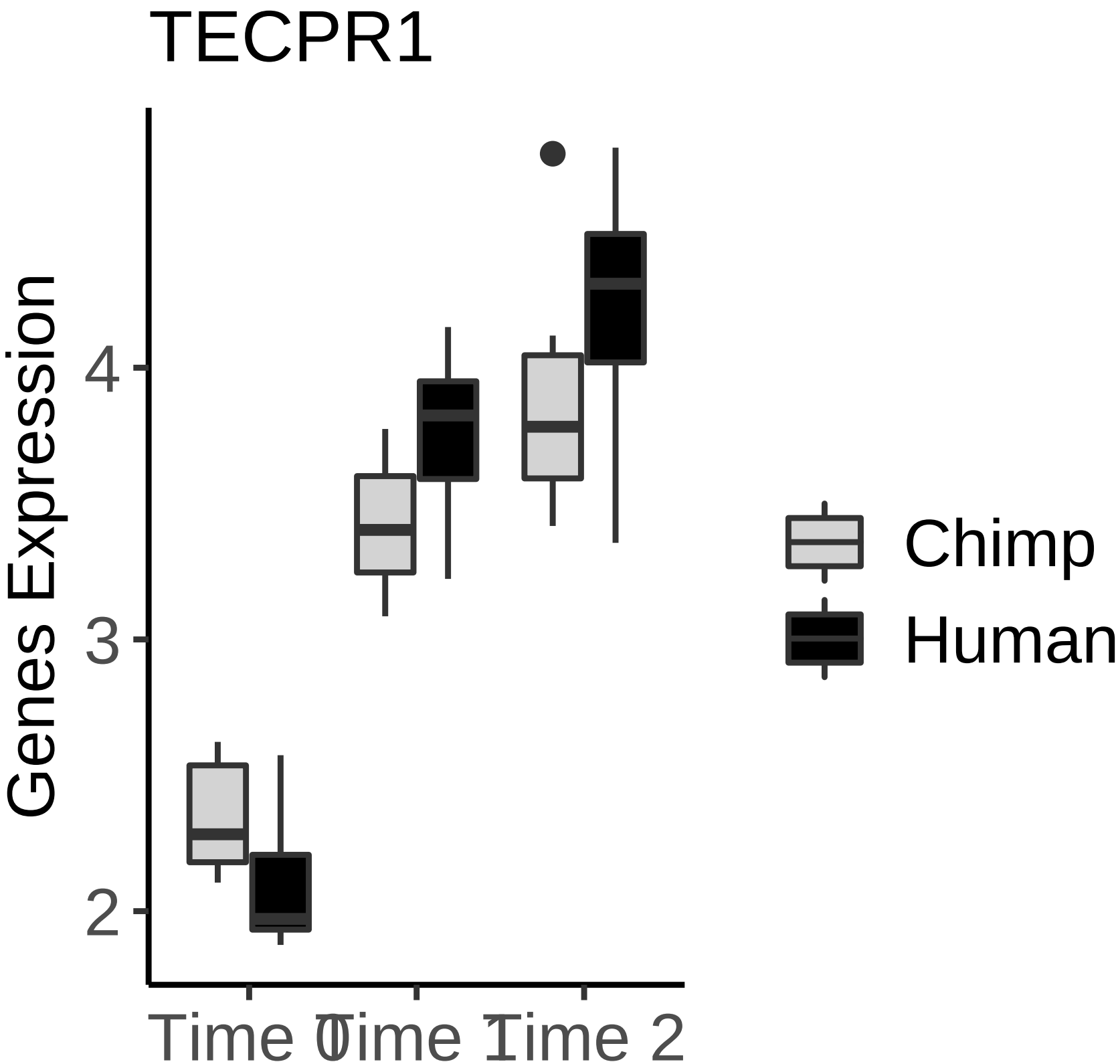
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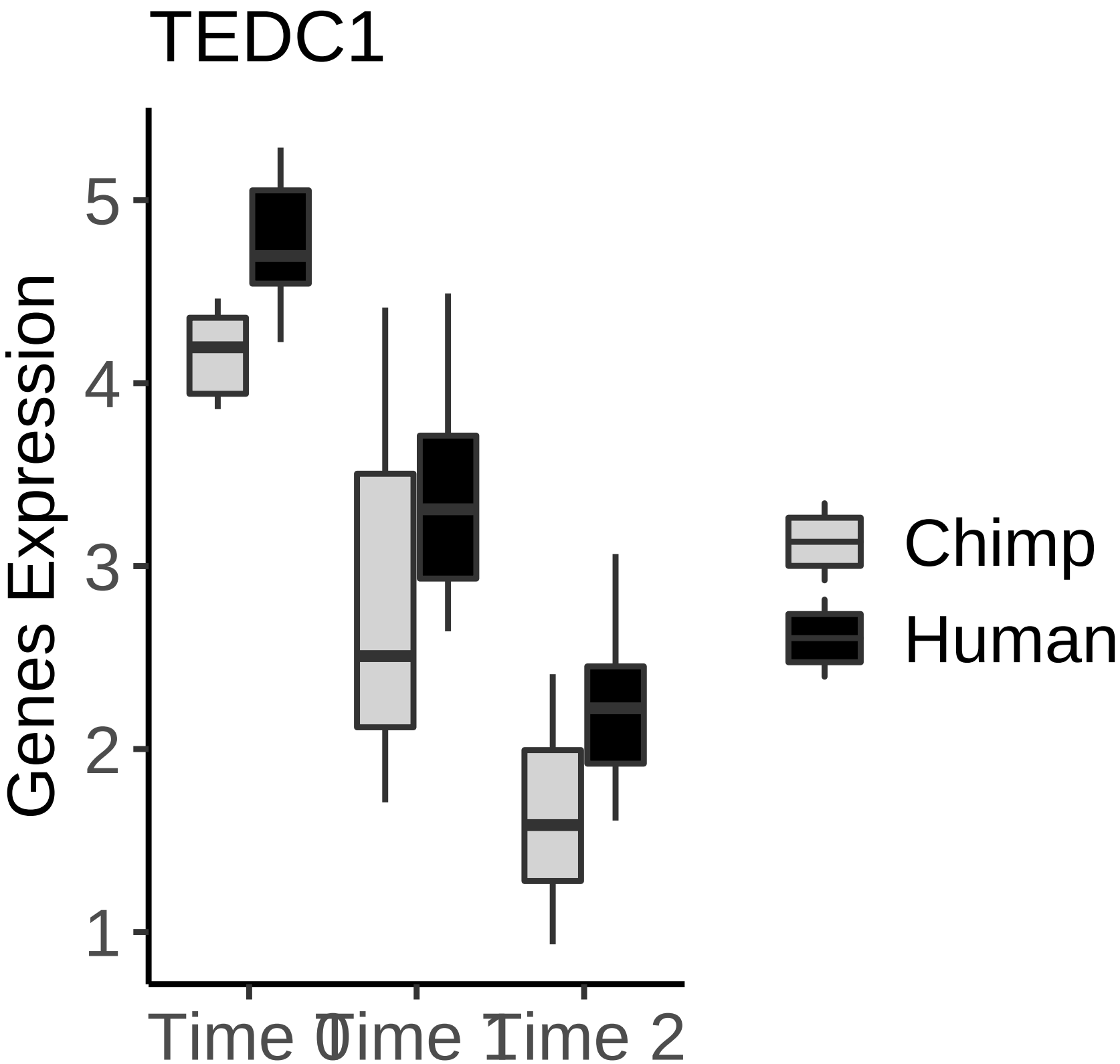
Genes Expression
4
3
2
Time 0
Time 1
Time 2
Chimp
Human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Time 2
Chimp
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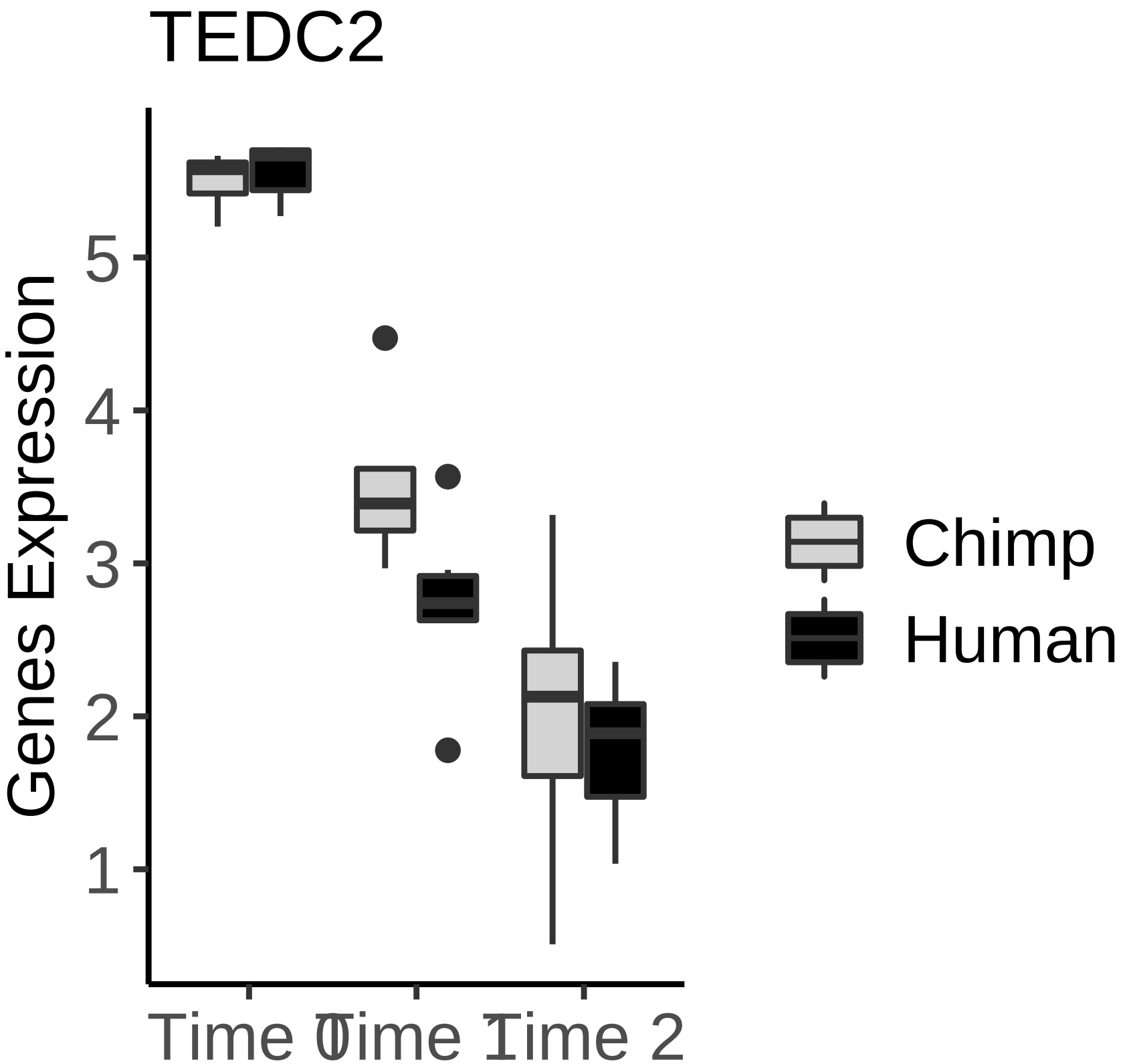
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Genes Expression
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Time 1
Time 2
Chimp
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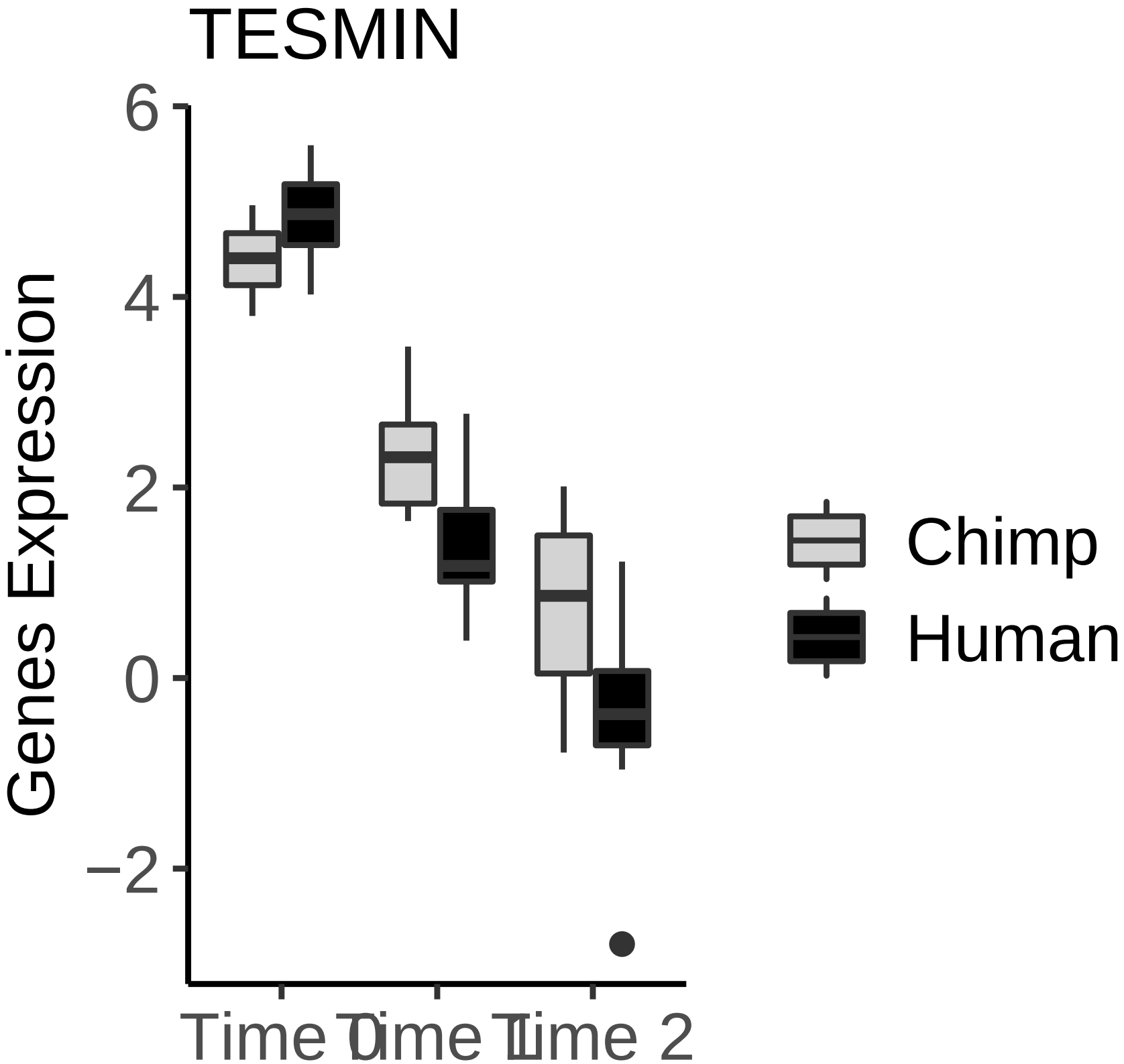
TESMIN
Genes Expression
6
4
2
0
−2
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Time 1
Time 2
Chimp
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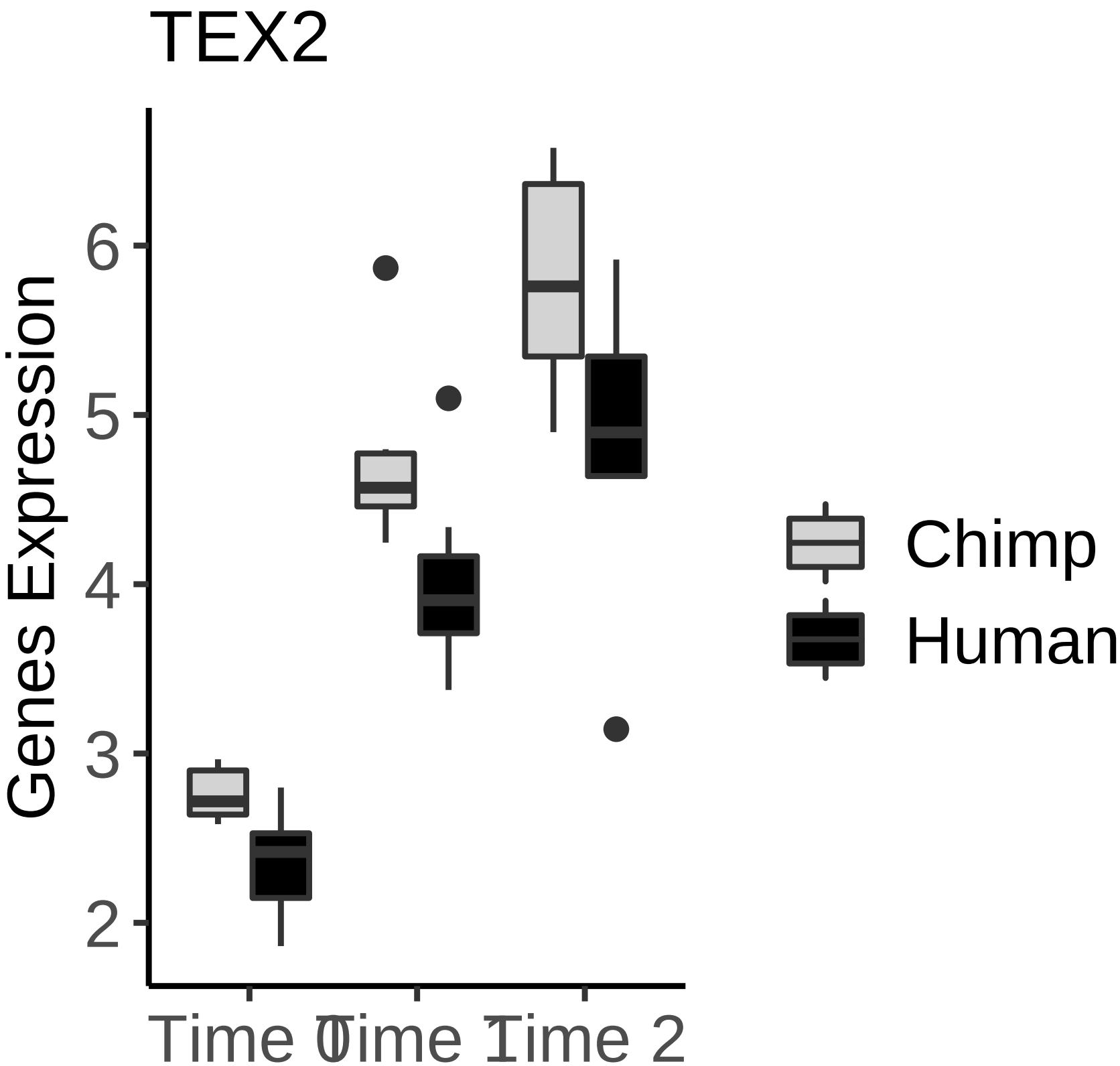
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2
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Time 2
Chimp
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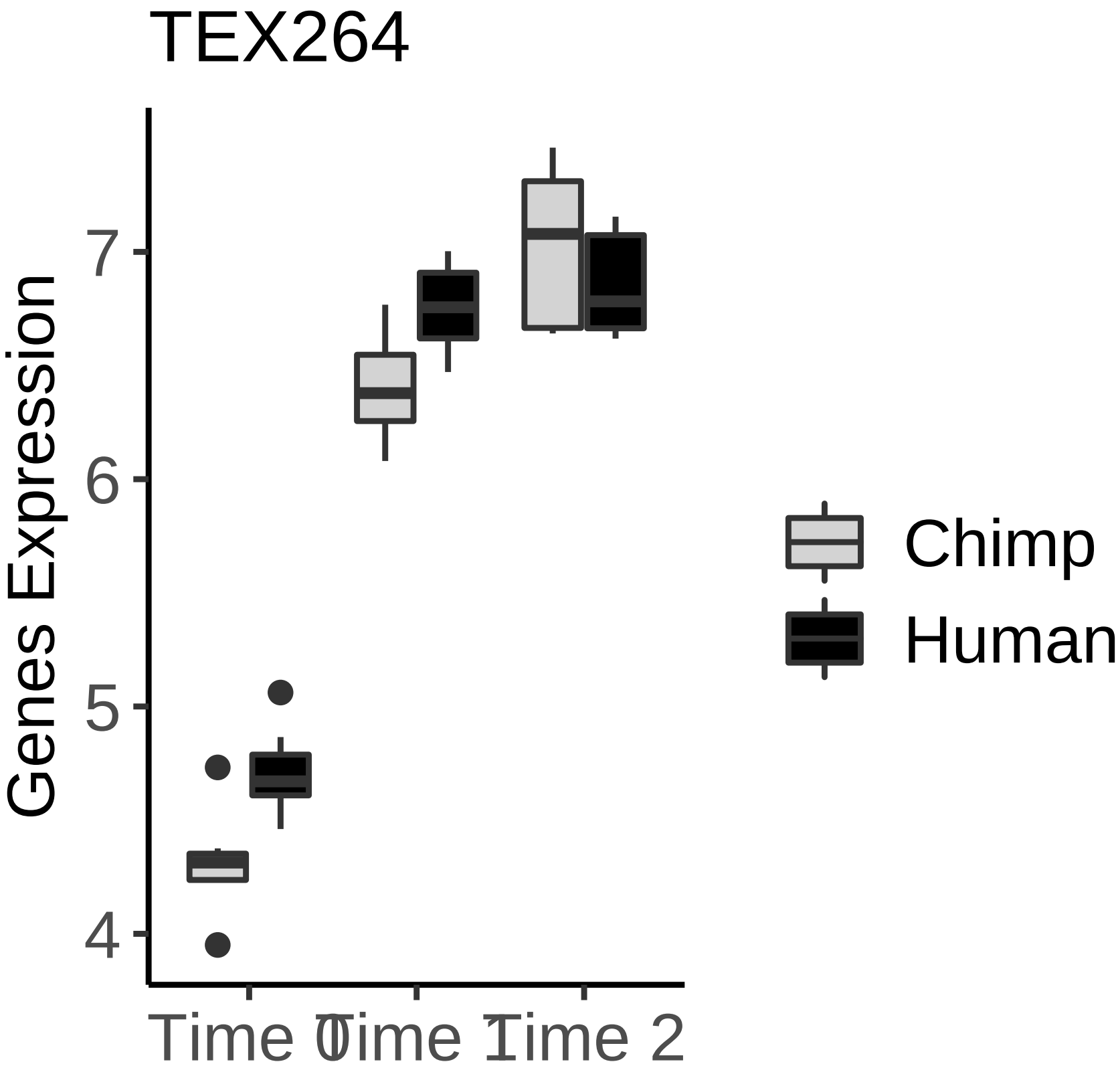
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Genes Expression
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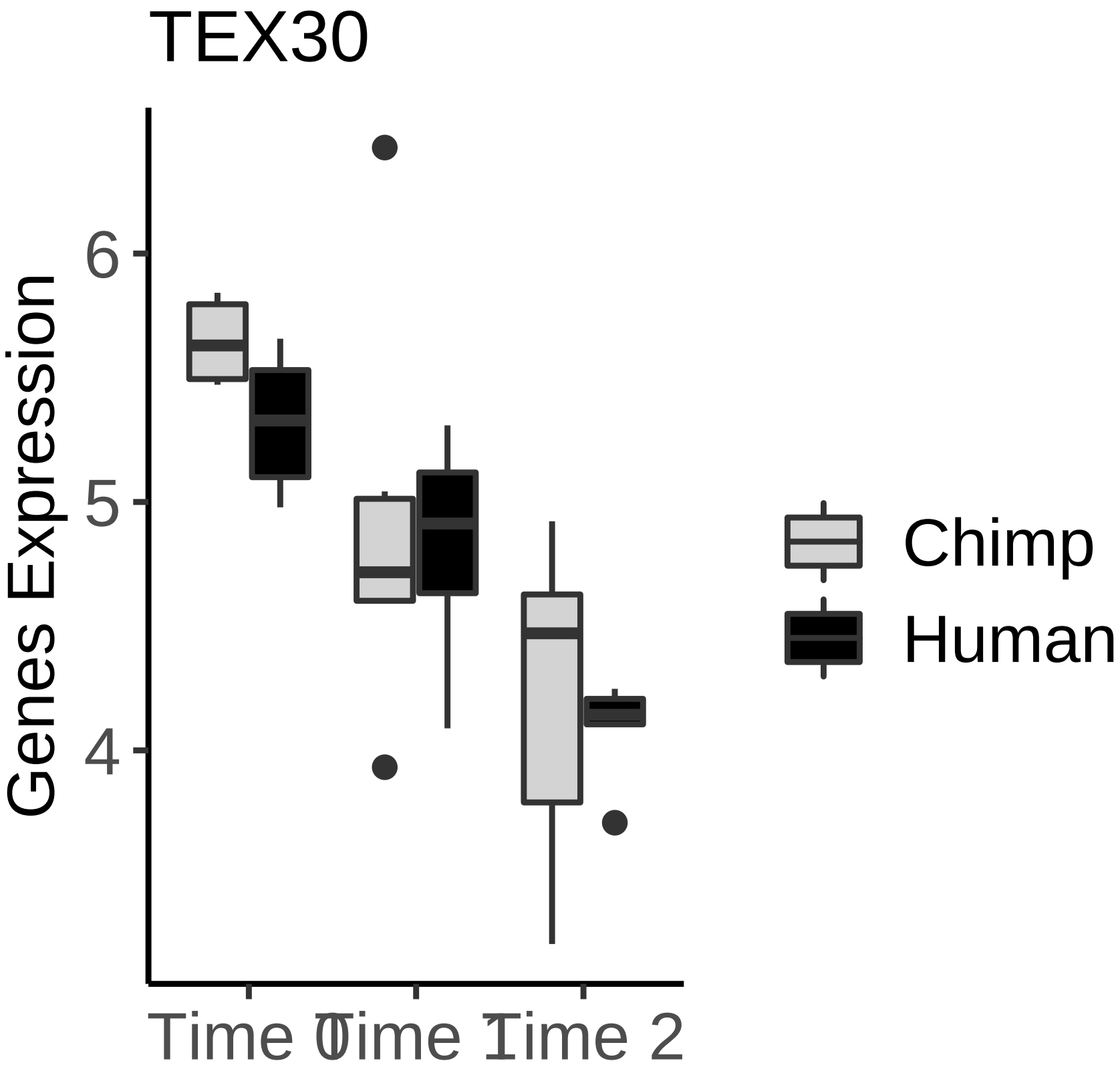
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
6
5
4
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Time 1
Time 2
Chimp
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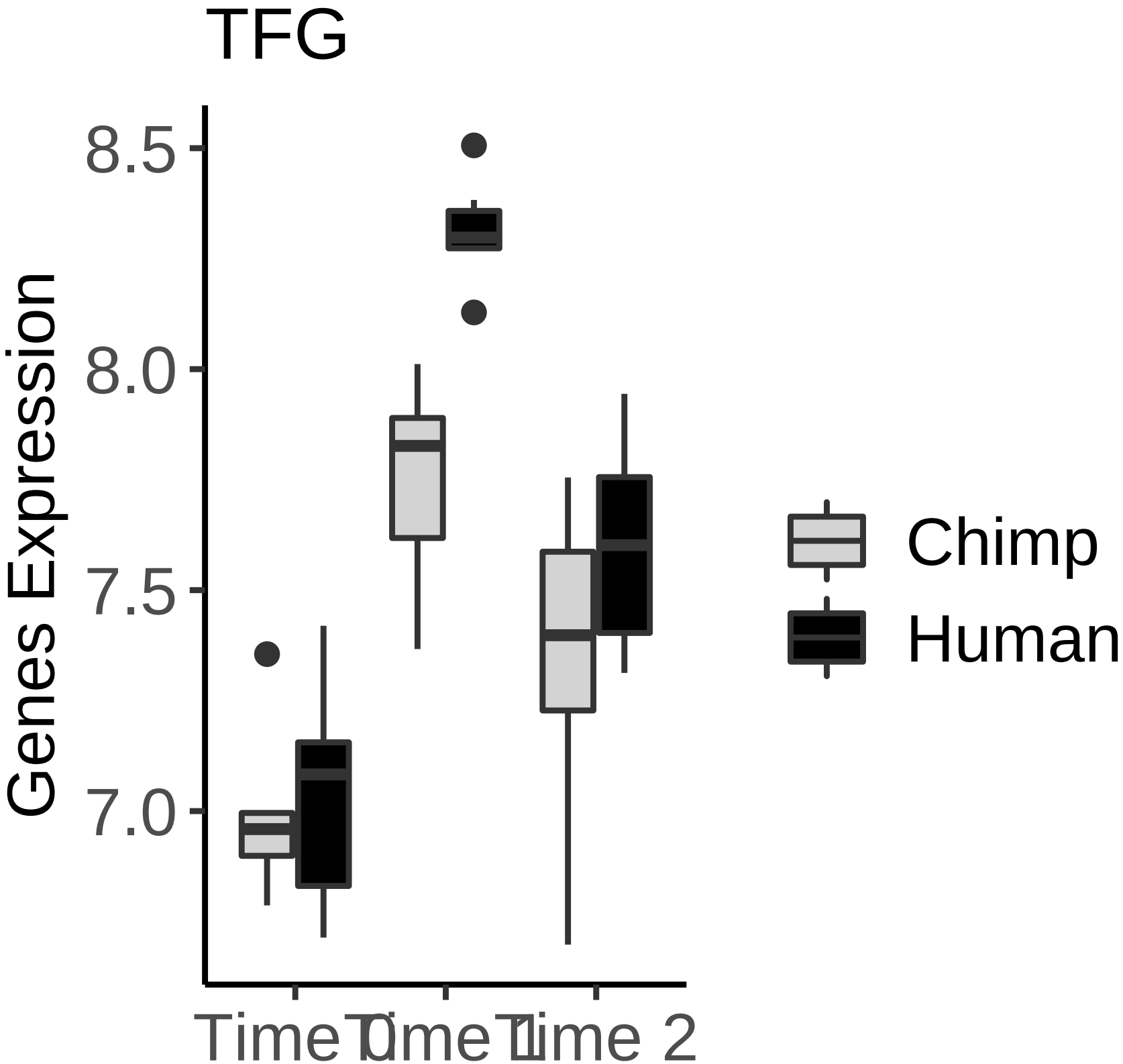
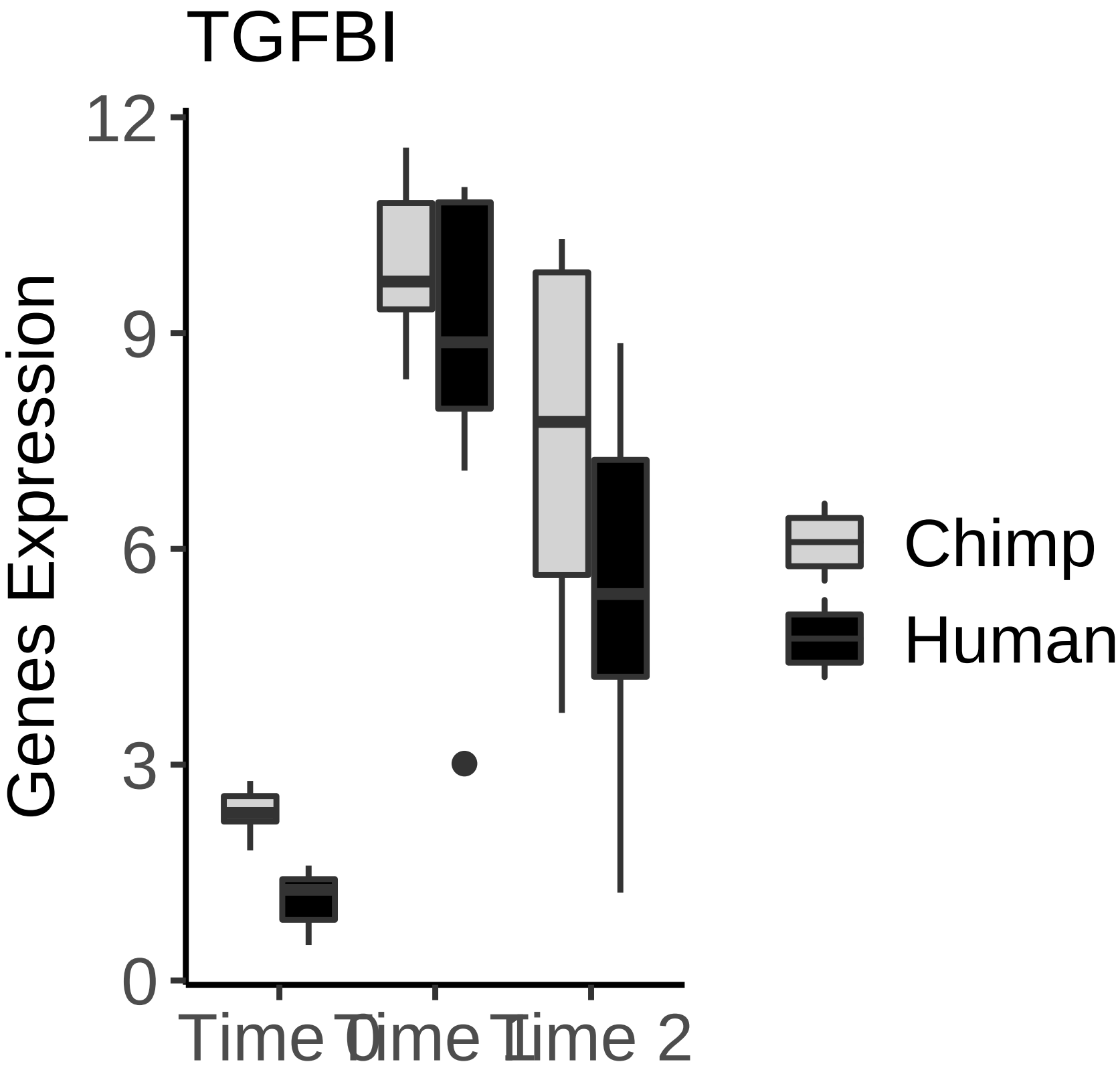

TFG
Genes Expression
8.5
8.0
7.5
7.0
Time 0
Time 1
Time 2
Chimp
Human


TGFBI
Genes Expression
12
9
6
3
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Time 0
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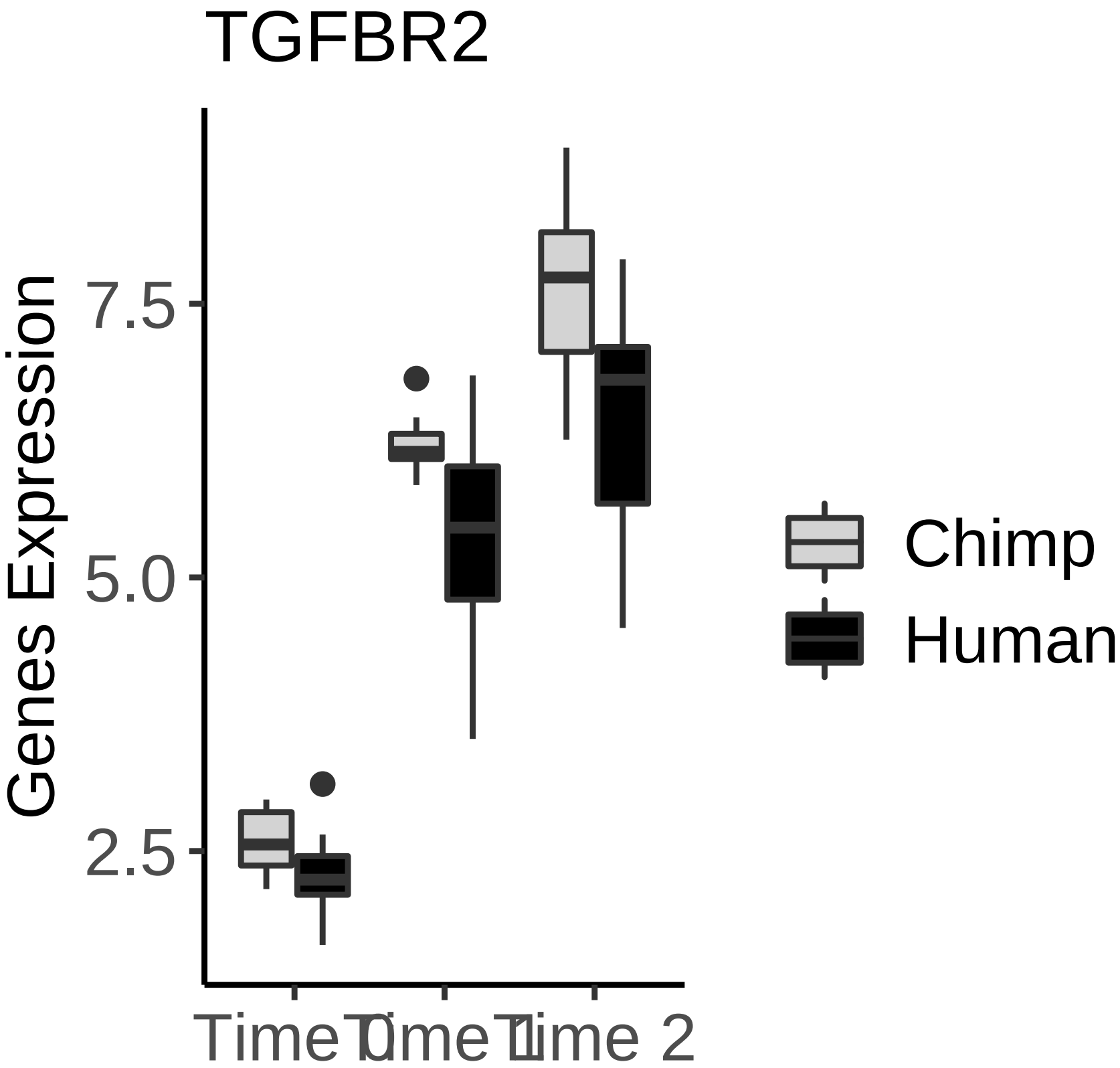
Time 2
Chimp
Human


TGFBR2
Genes Expression
7.5
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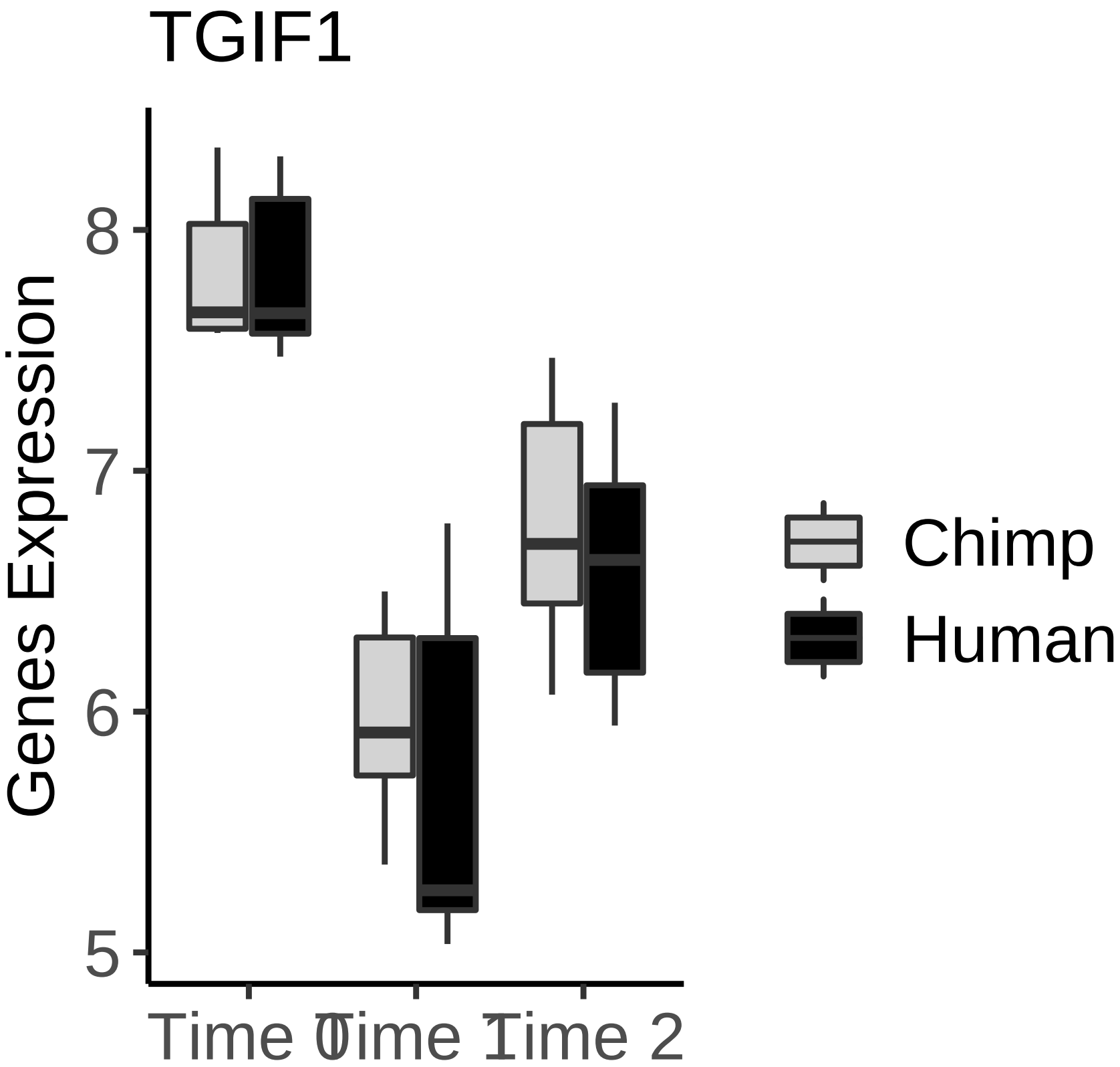
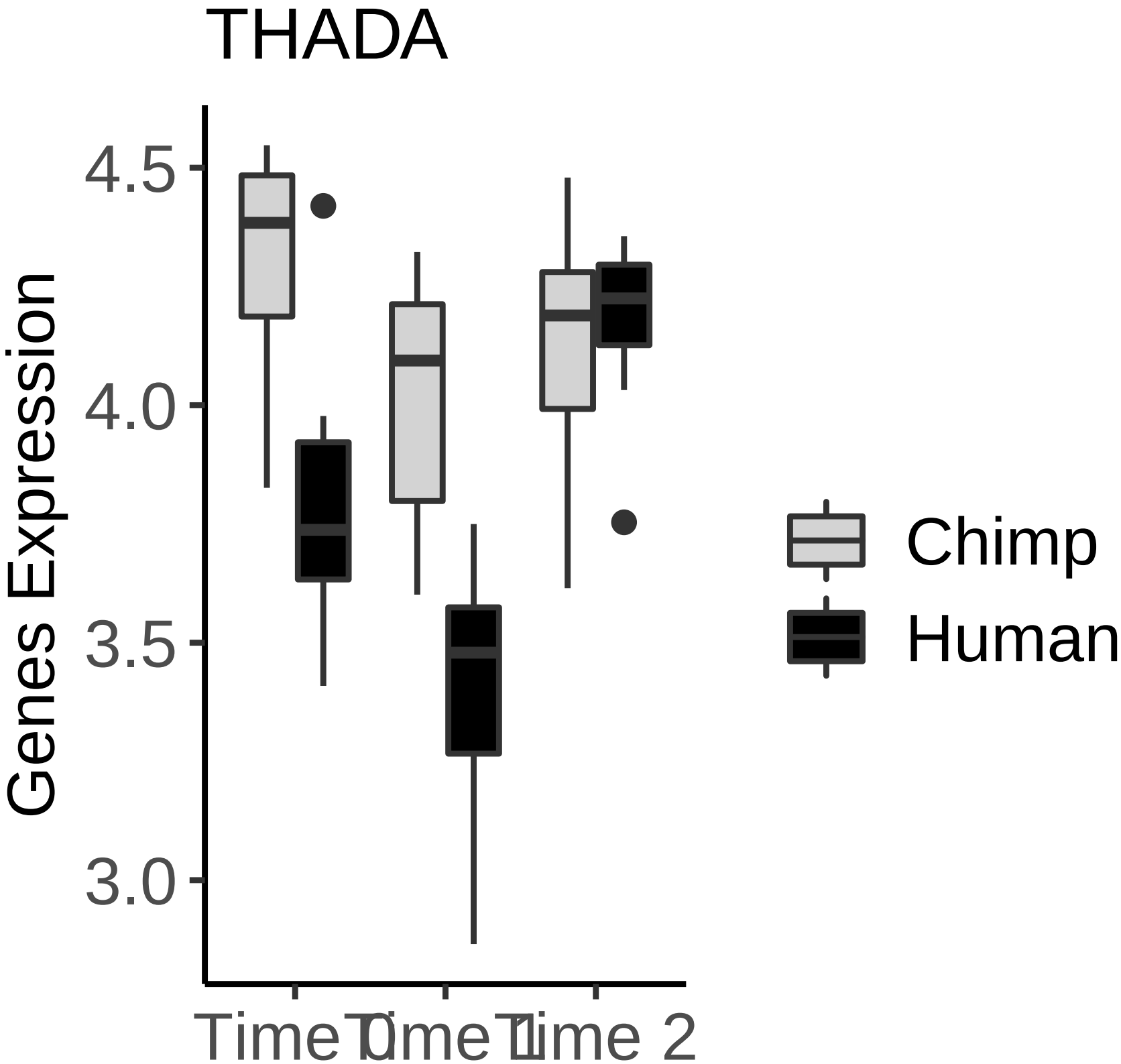
2.5
Time 0
Time 1
Time 2
Chimp
Human


TGIF1
Genes Expression
8
7
6
5
Time 0
Time 1
Time 2
Chimp
Human


THADA
Genes Expression
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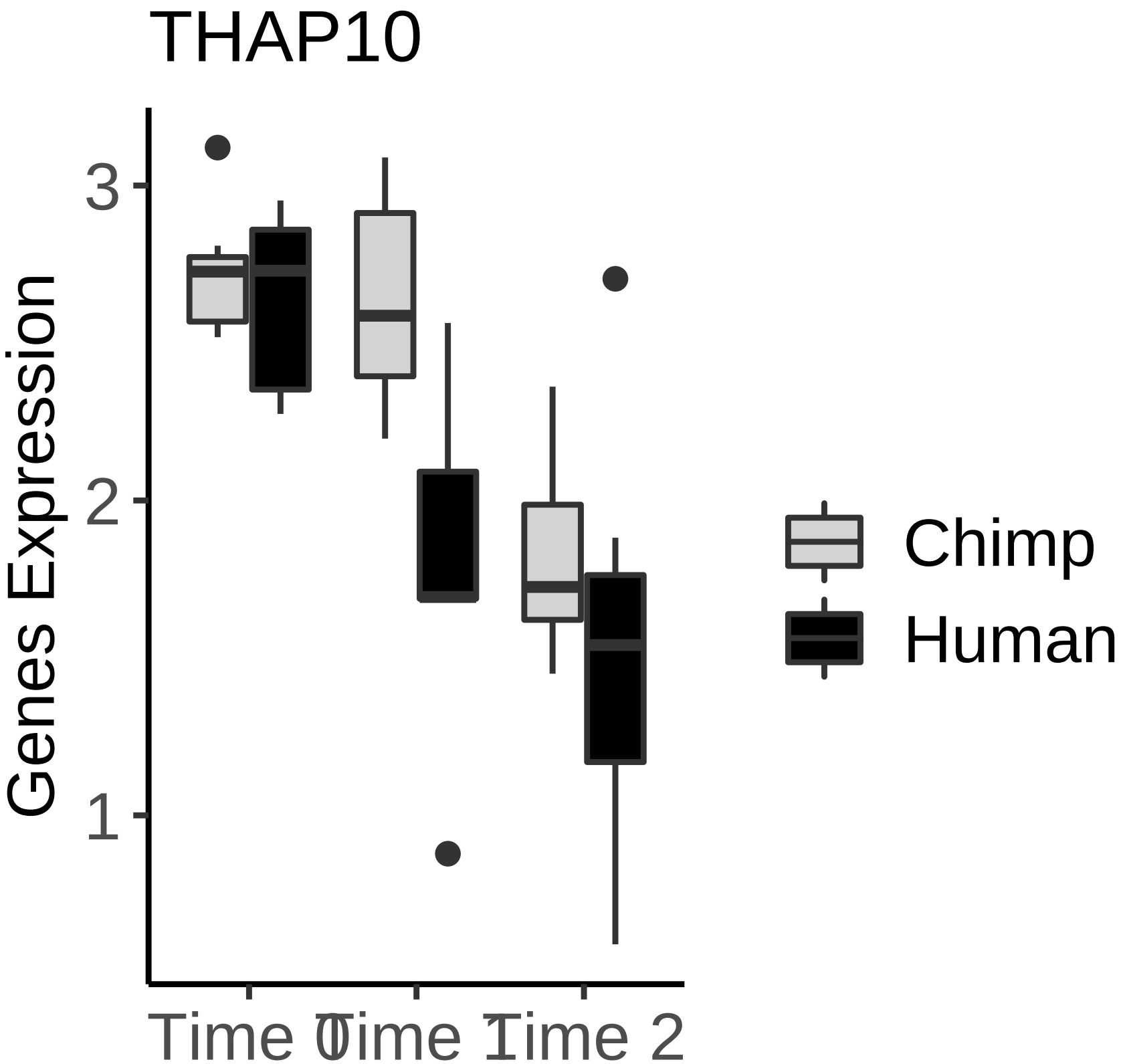
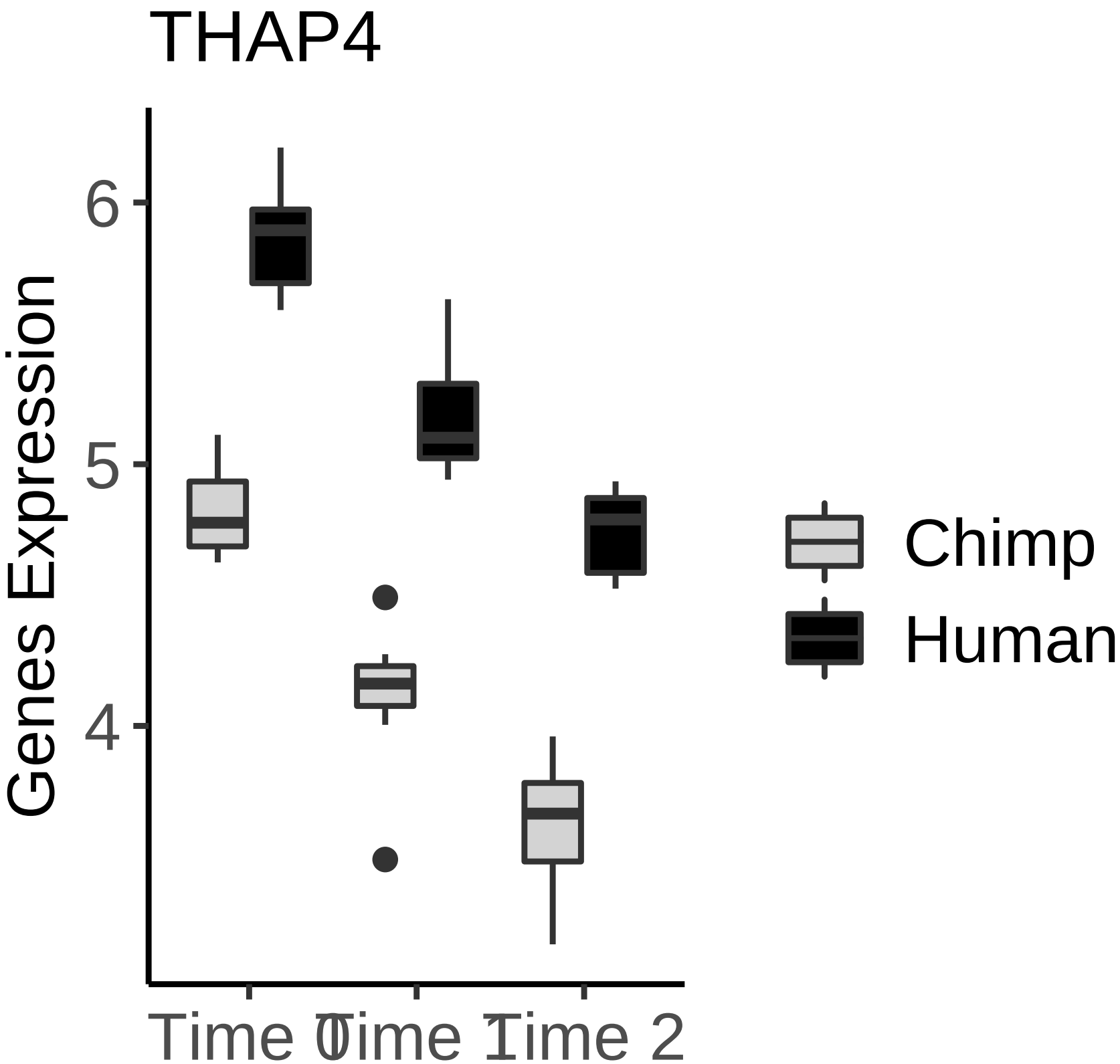
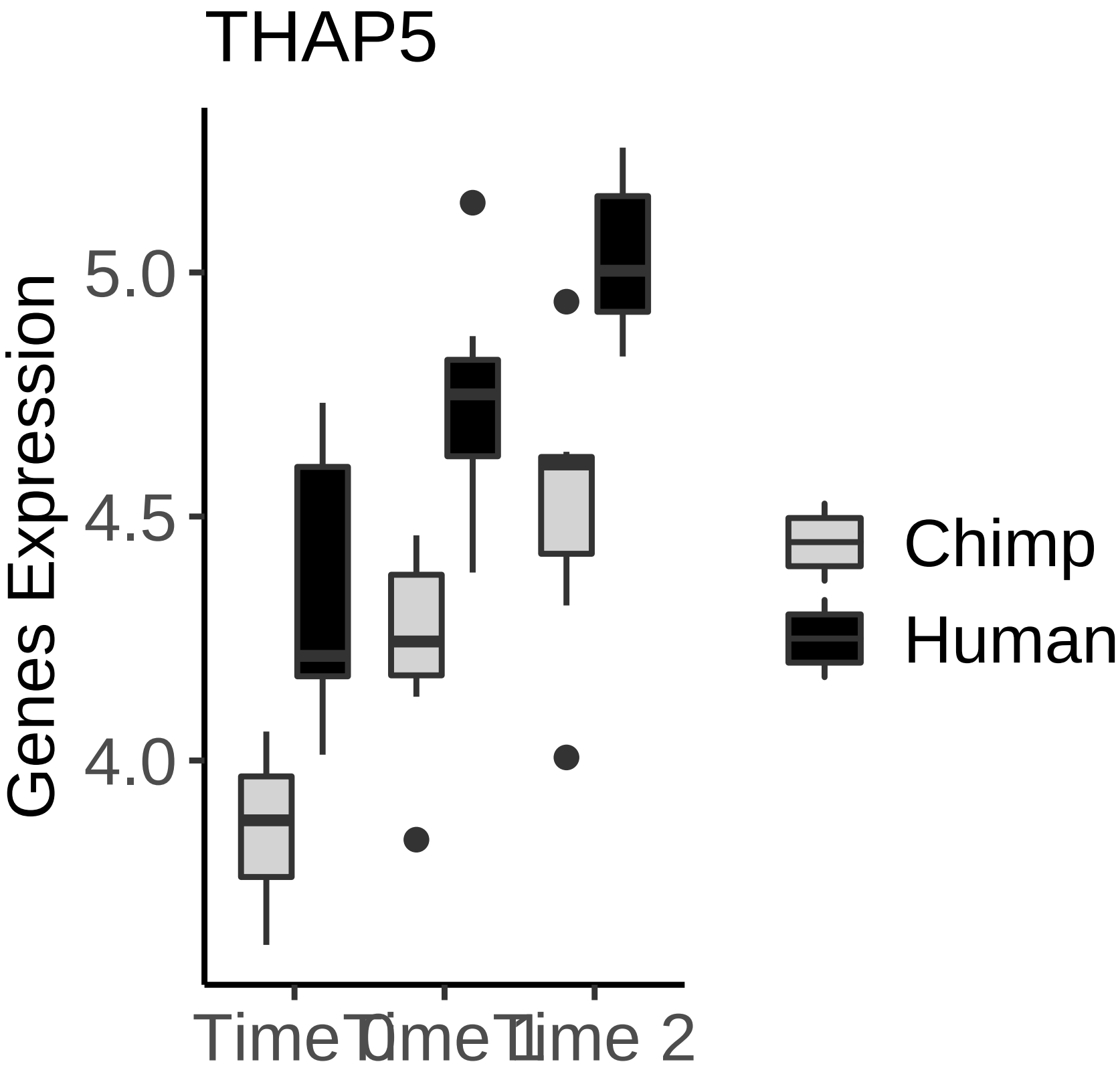
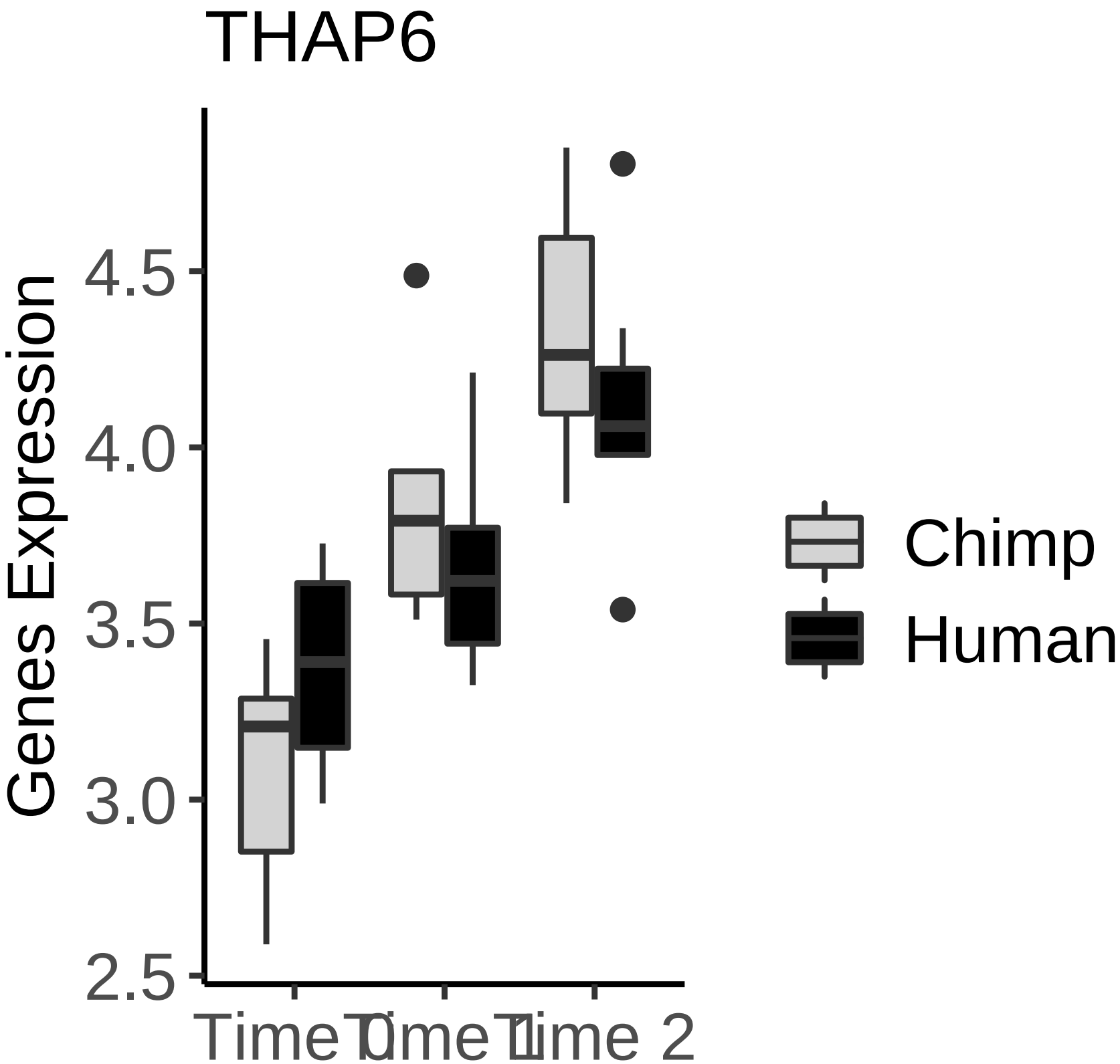
3.5
3.0
Time 0
Time 1
Time 2
Chimp
Human


THAP10
Genes Expression
3
2
1
Time 0
Time 1
Time 2
Chimp
Human


THAP4
Genes Expression
6
5
4
Time 0
Time 1
Time 2
Chimp
Human


THAP5
Genes Expression
5.0
4.5
4.0
Time 0
Time 1
Time 2
Chimp
Human


THAP6
Genes Expression
4.5
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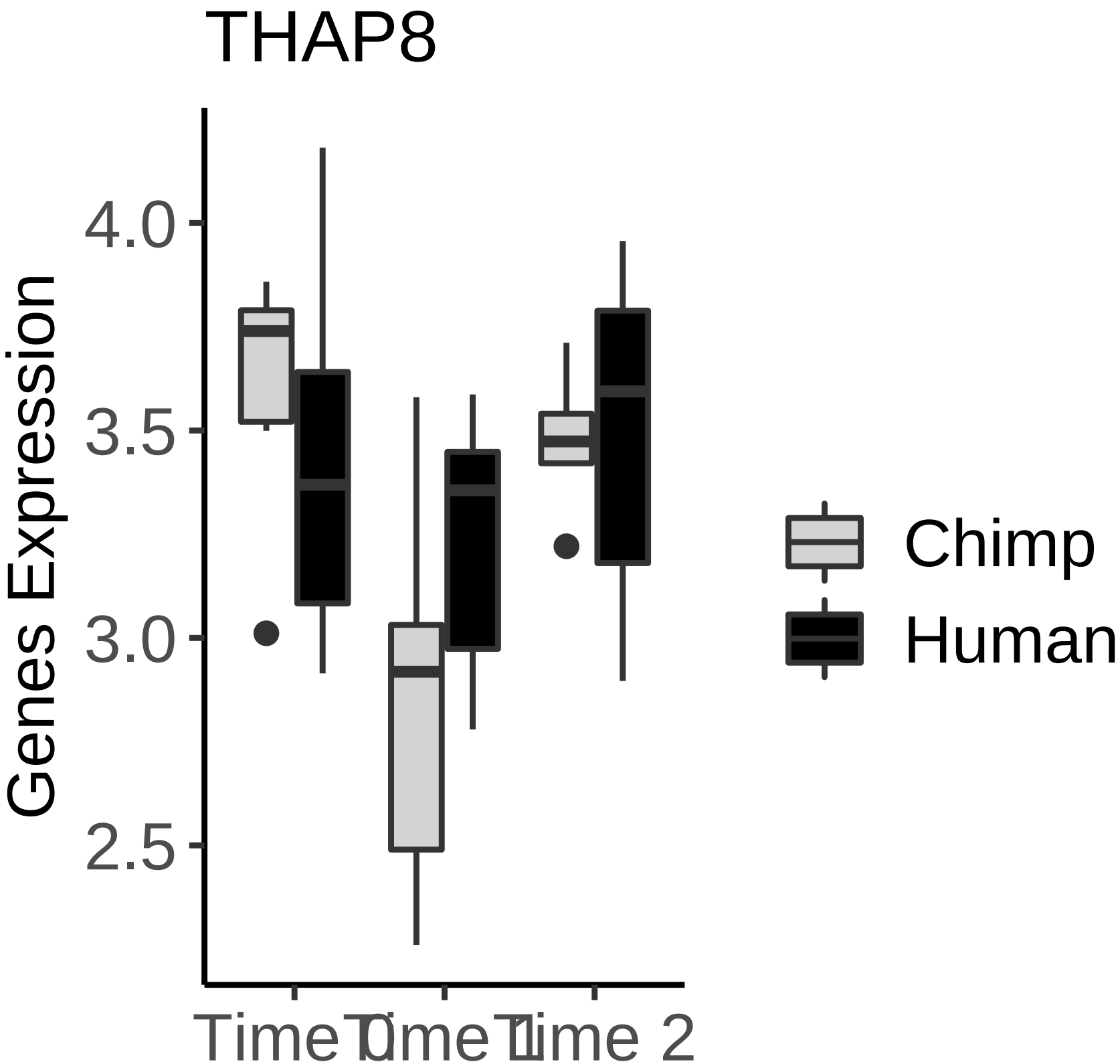
3.5
3.0
2.5
Time 0
Time 1
Time 2
Chimp
Human


THAP8
Genes Expression
4.0
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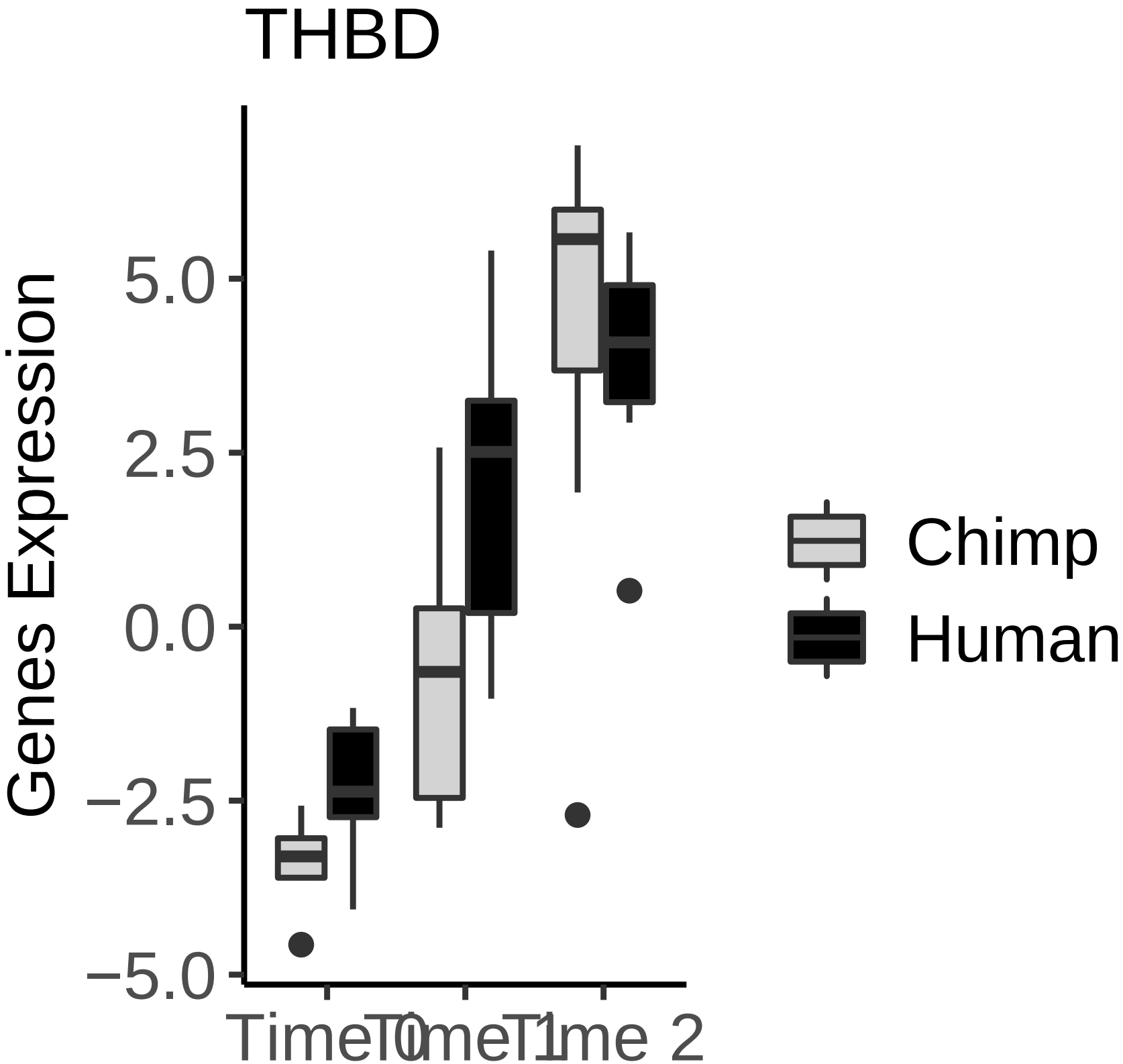
3.0
2.5
Time 0
Time 1
Time 2
Chimp
Human


THBD
Genes Expression
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0.0
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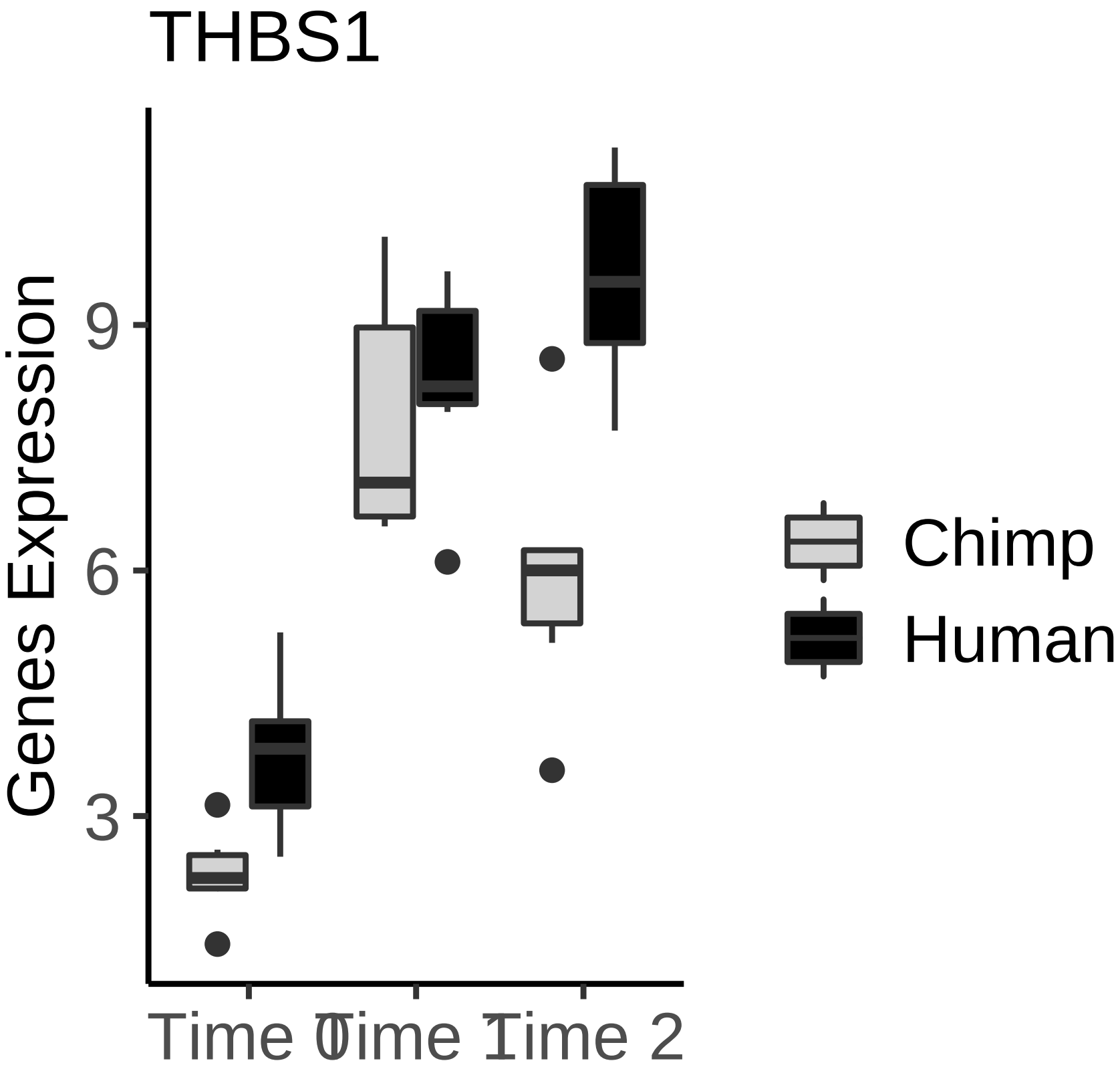
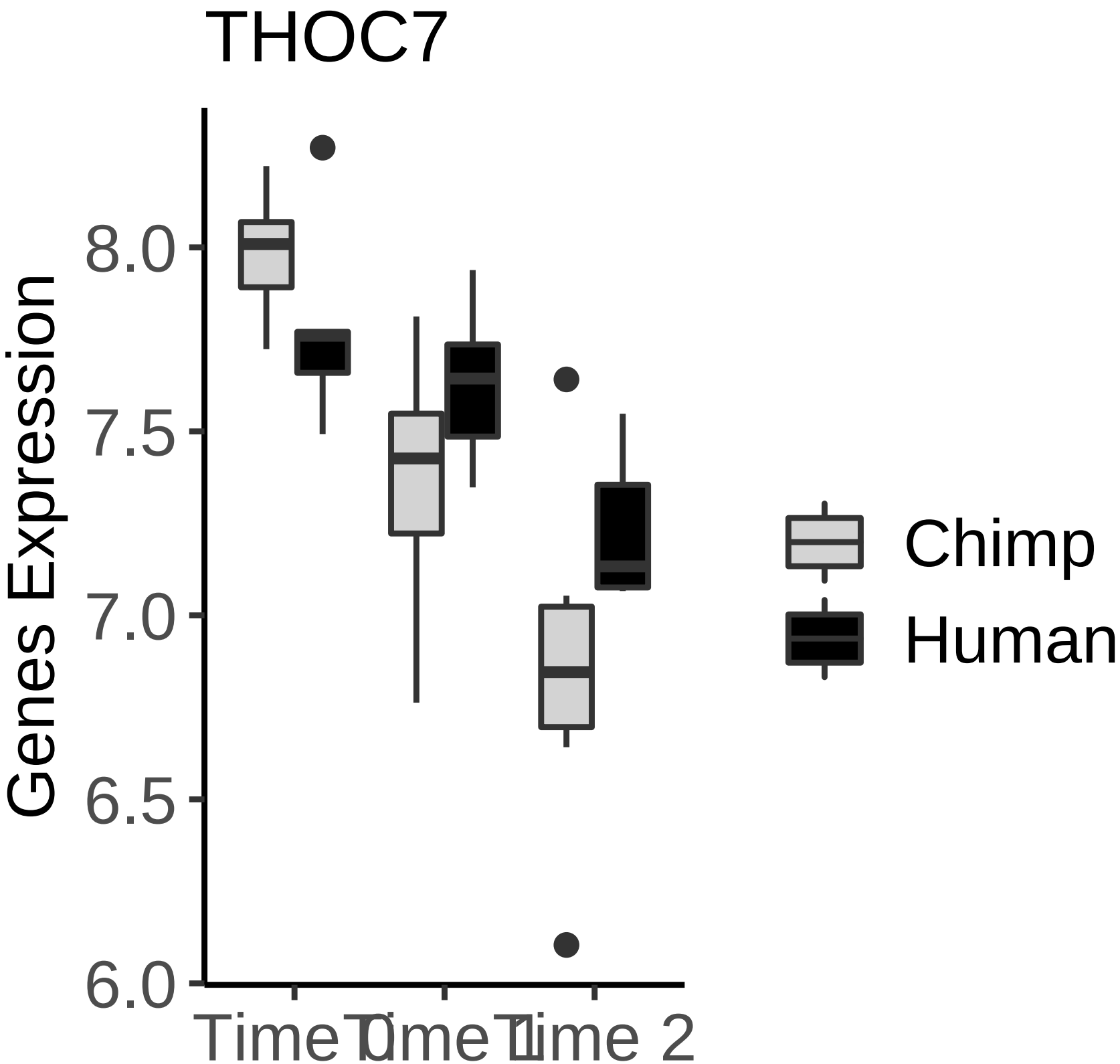
−5.0
Time 0
Time 1
Time 2
Chimp
Human


THBS1
Genes Expression
9
6
3
Time 0
Time 1
Time 2
Chimp
Human


THOC7
Genes Expression
8.0
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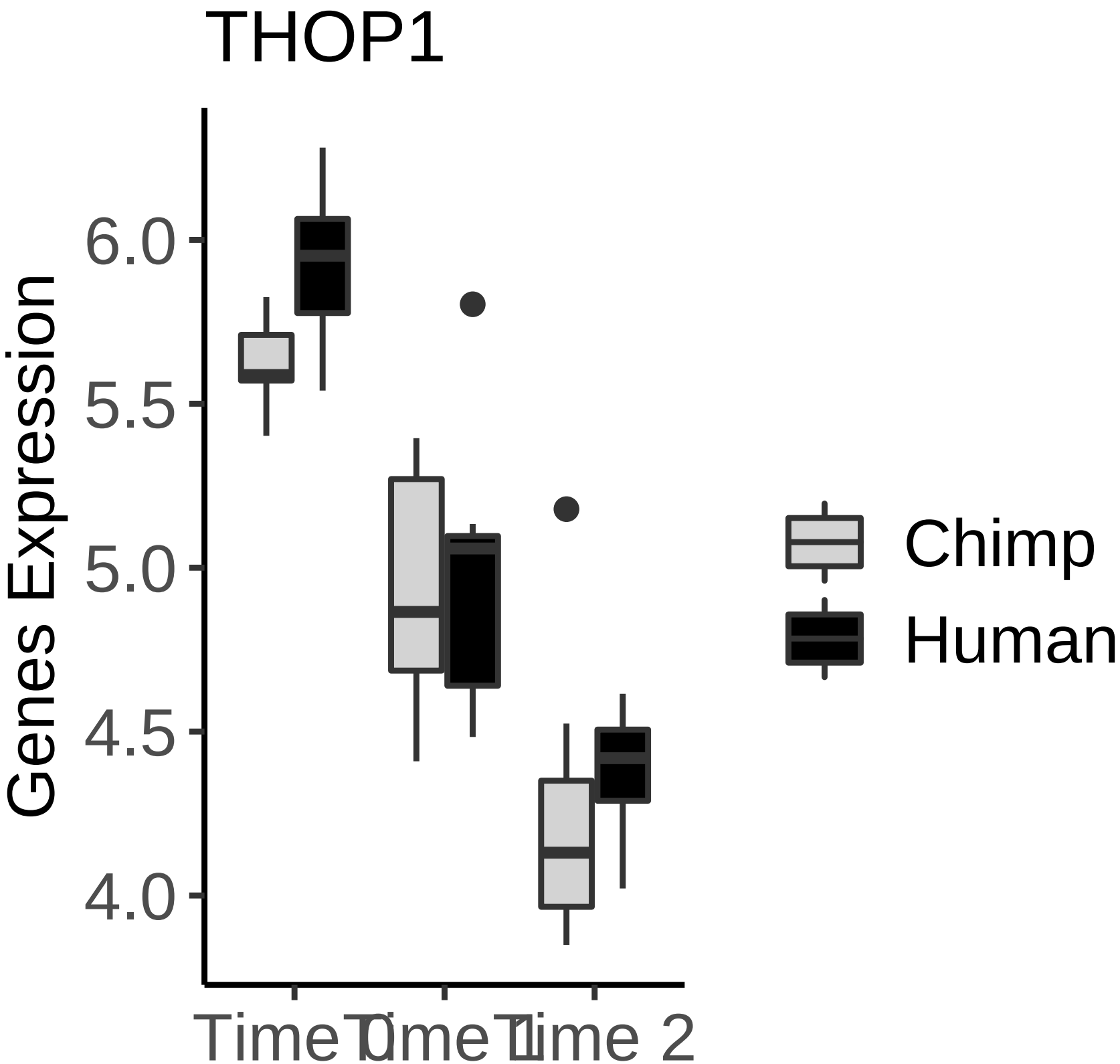
6.5
6.0
Time 0
Time 1
Time 2
Chimp
Human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4.5
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Time 1
Time 2
Chimp
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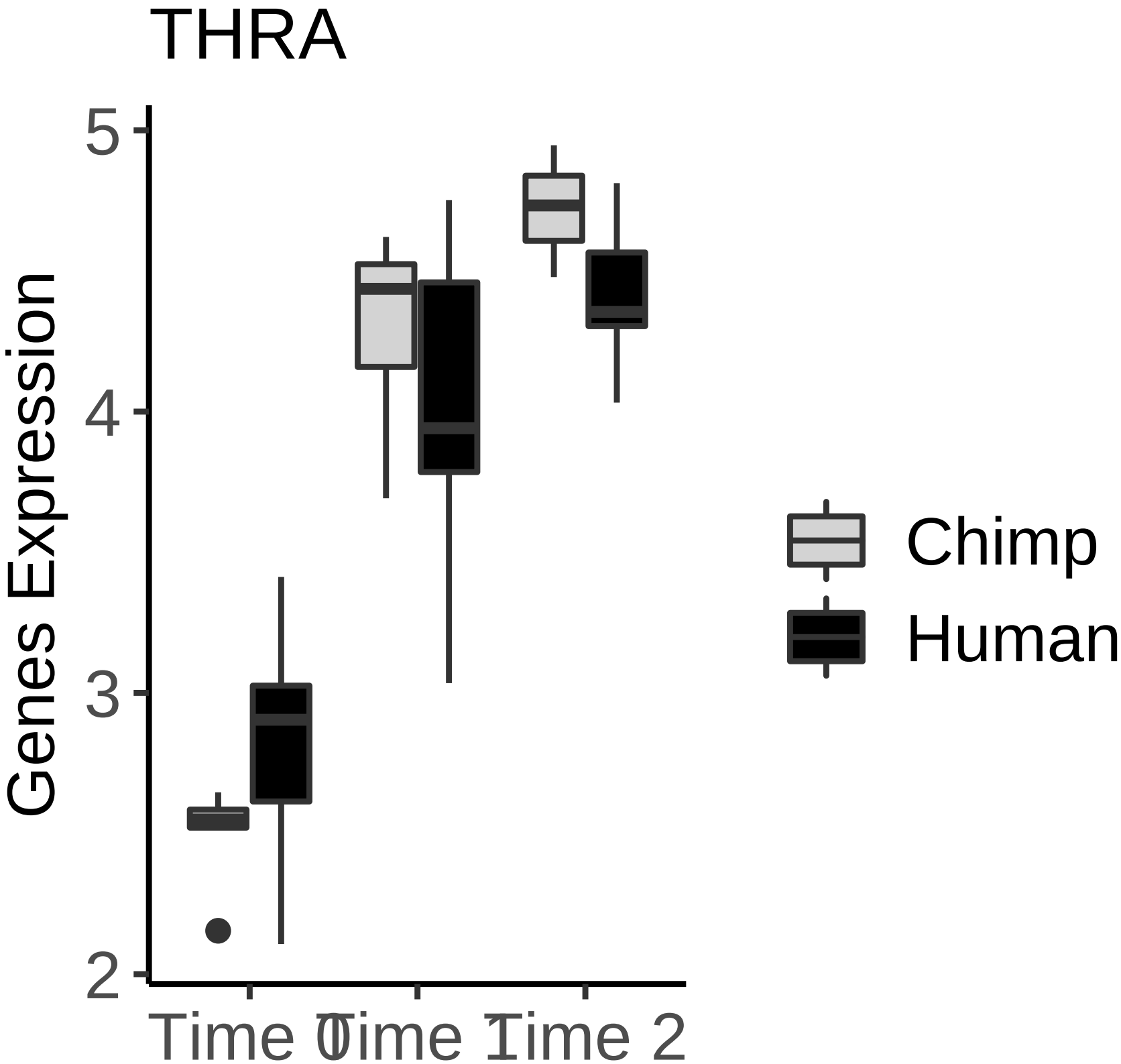
THRA
Genes Expression
5
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3
2
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Time 1
Time 2
Chimp
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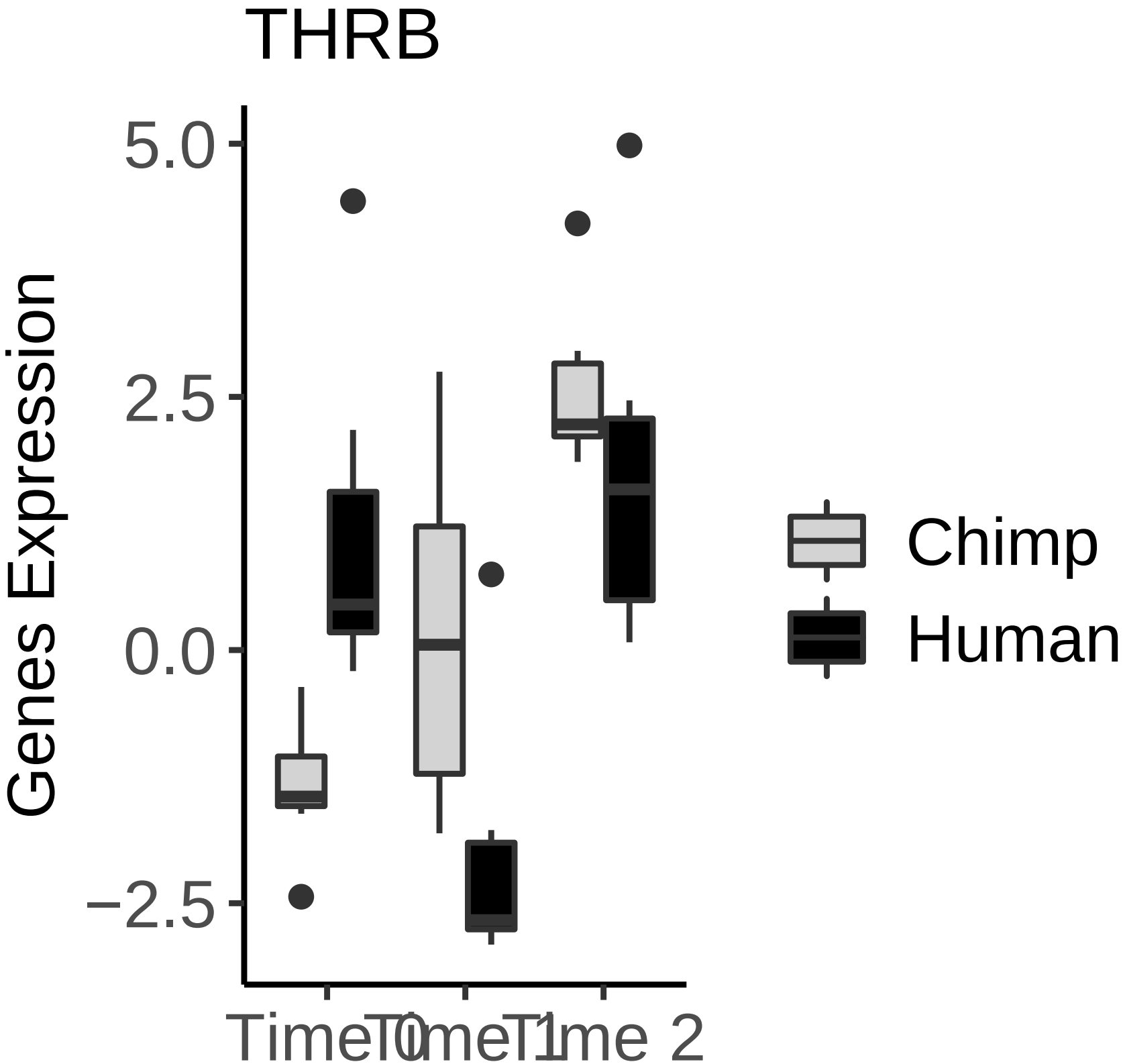
THRB
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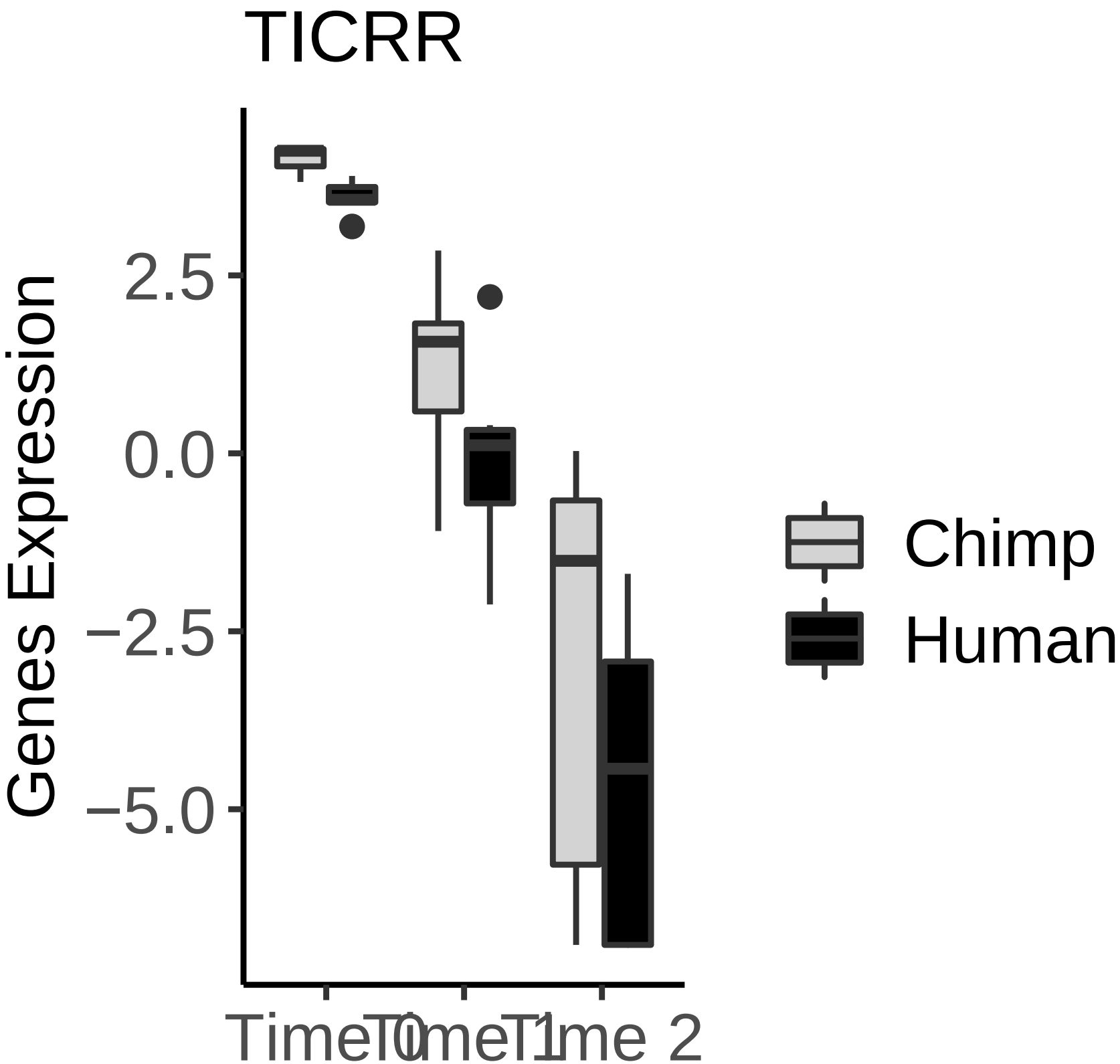
Time 0
Time 1
Time 2
Chimp
Human


TICRR
Genes Expression
2.5
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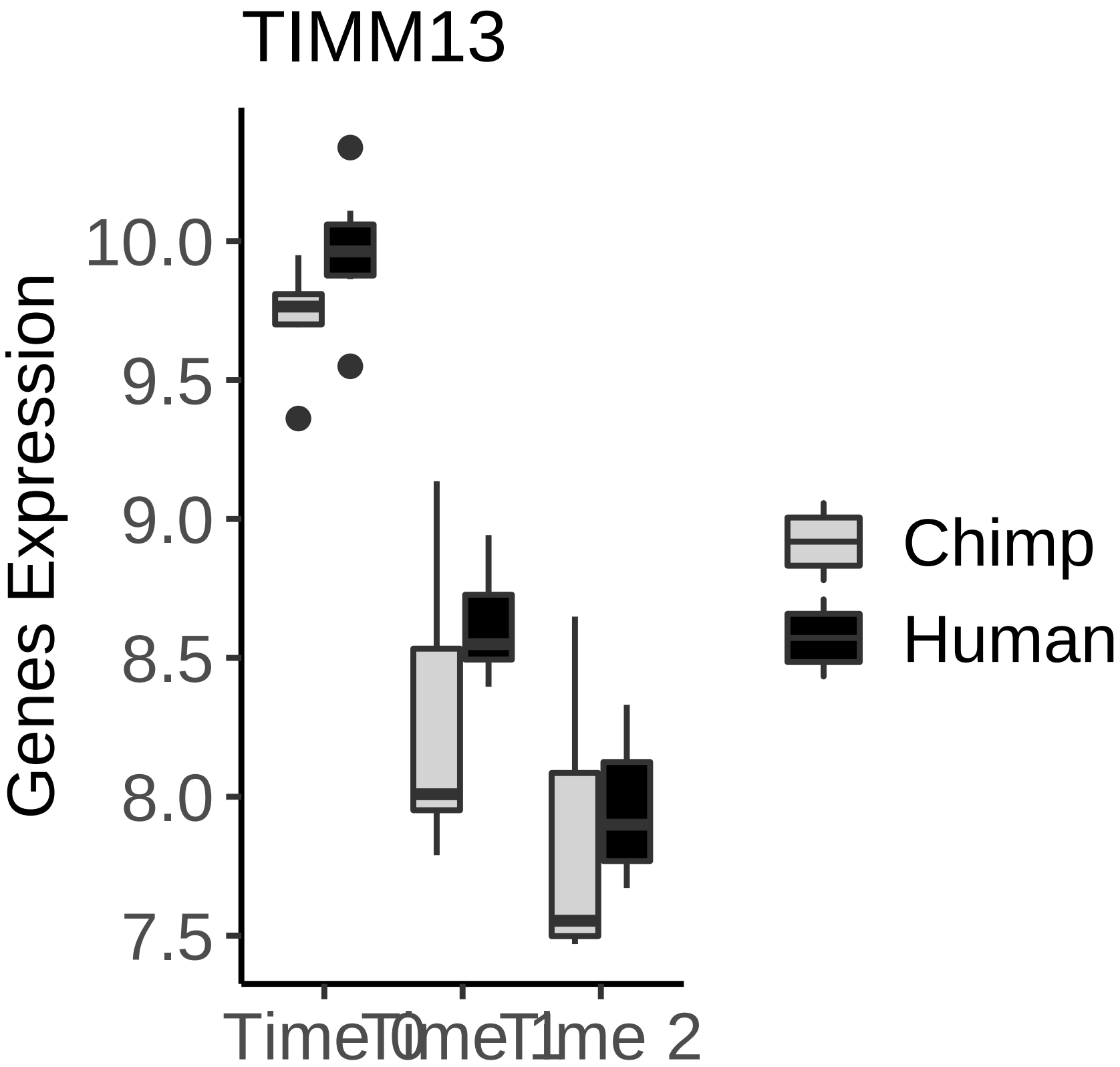
−5.0
Time 0
Time 1
Time 2
Chimp
Human


TIMM13
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9.0
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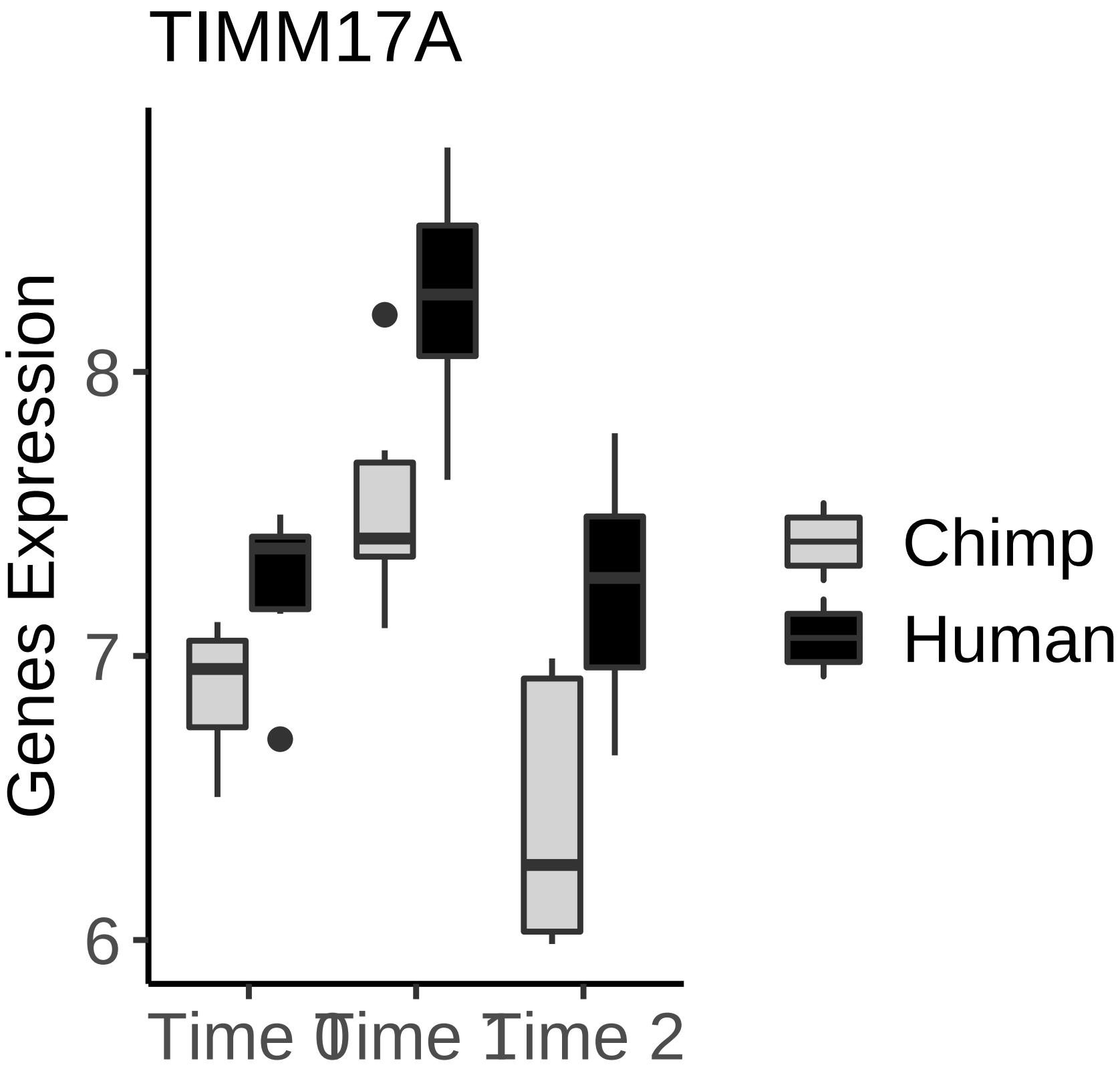
8.0
7.5
Time 0
Time 1
Time 2
Chimp
Human


TIMM17A
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7
6
Time 0
Time 1
Time 2
Chimp
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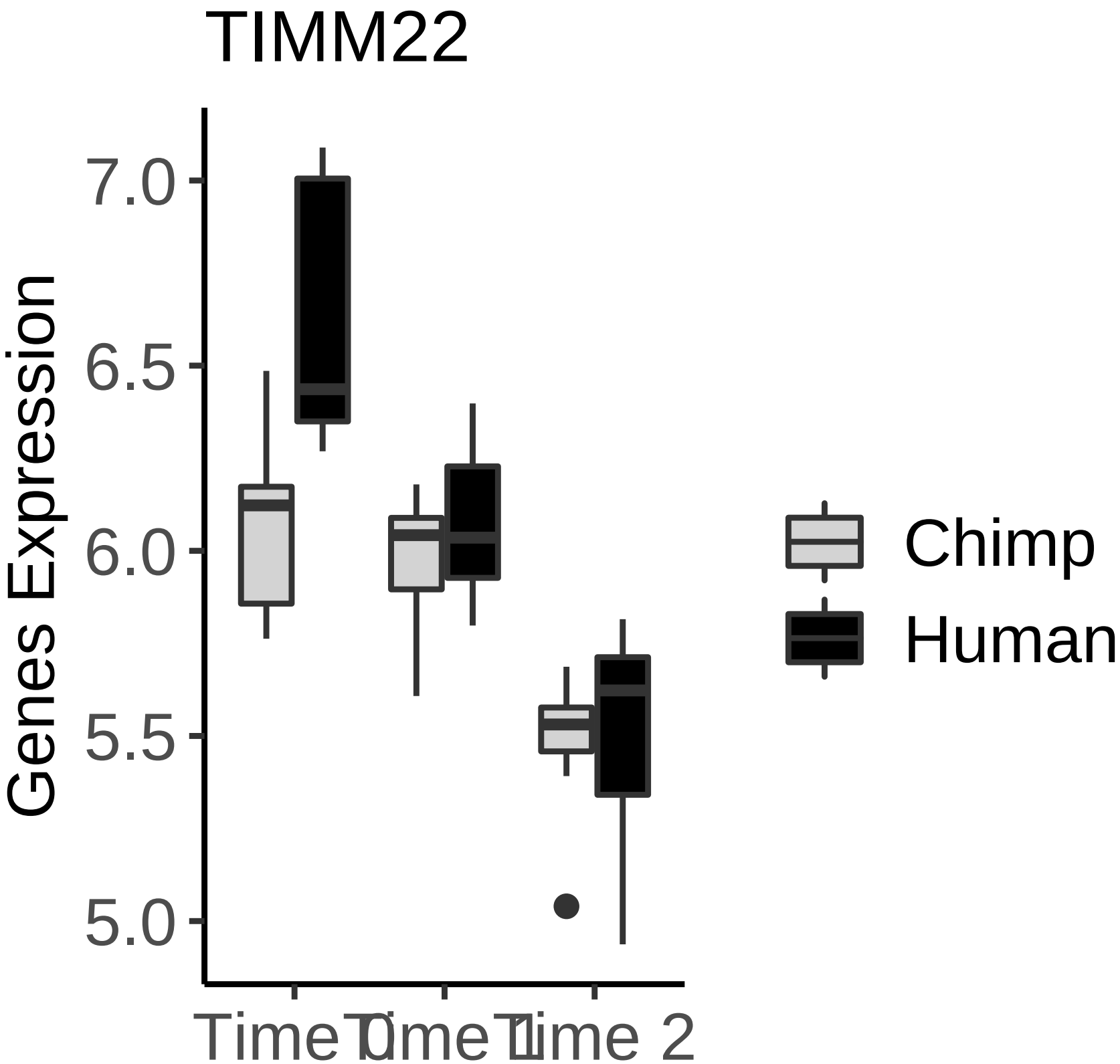
TIMM22
Genes Expression
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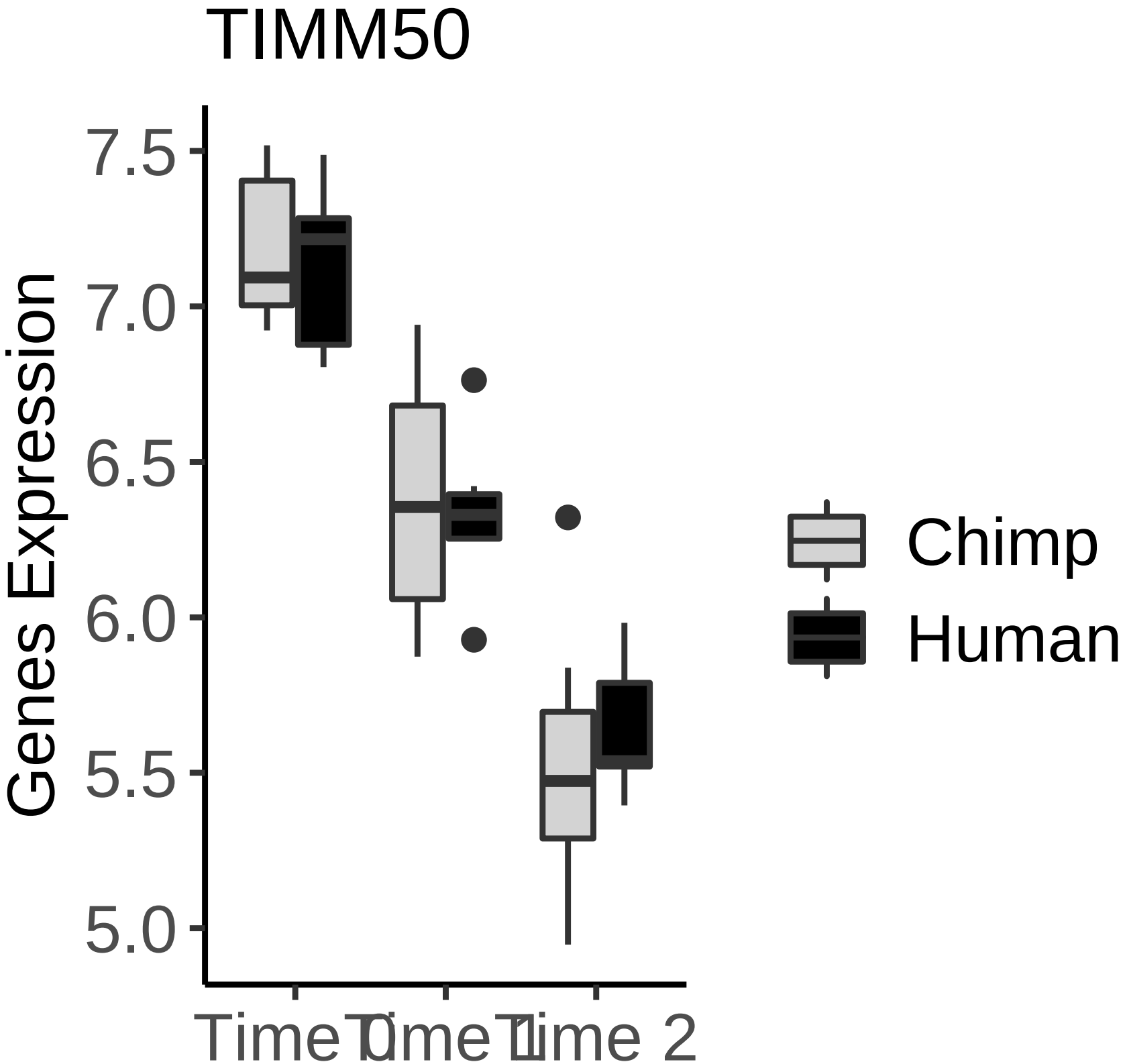
5.0
Time 0
Time 1
Time 2
Chimp
Human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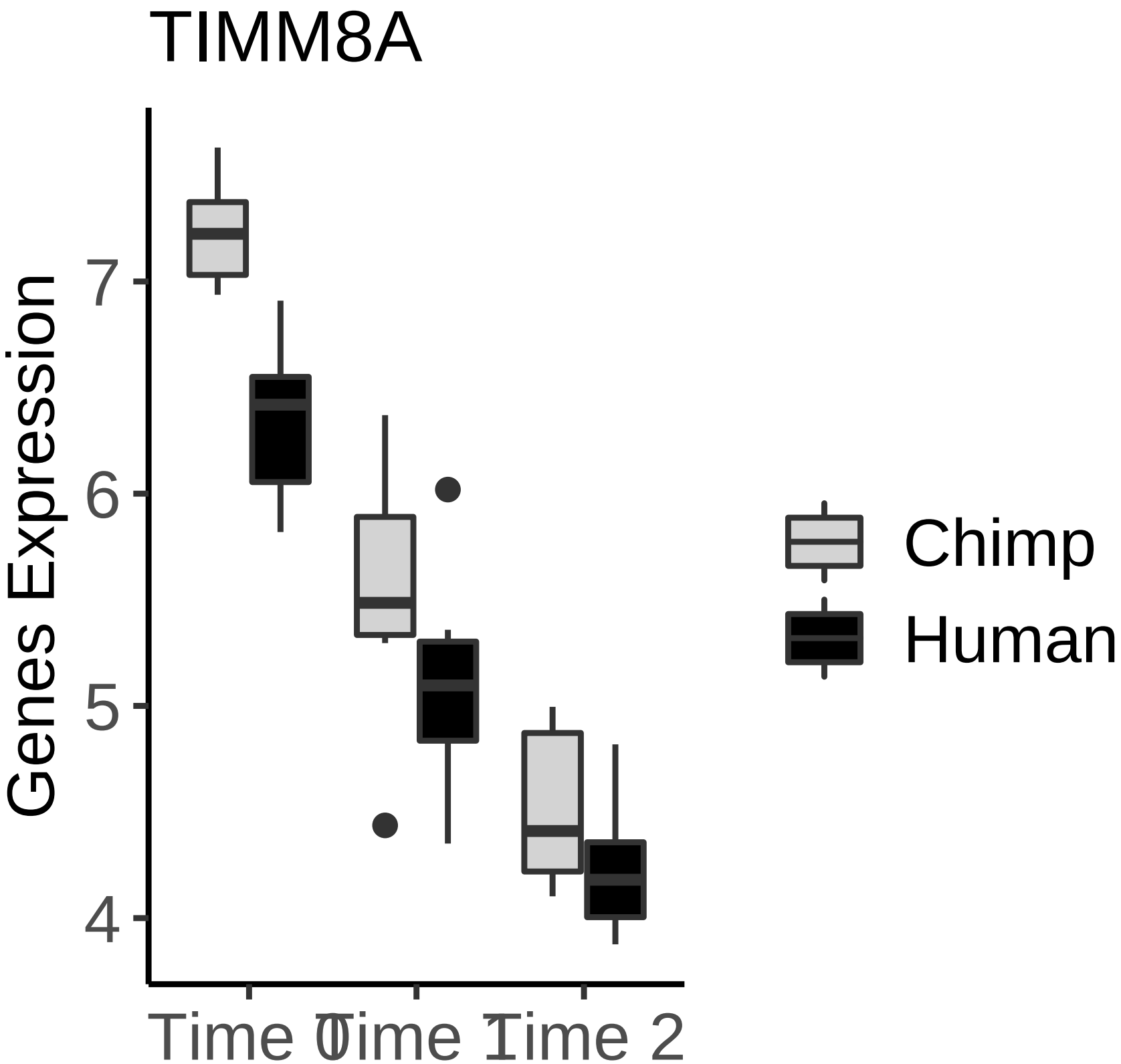
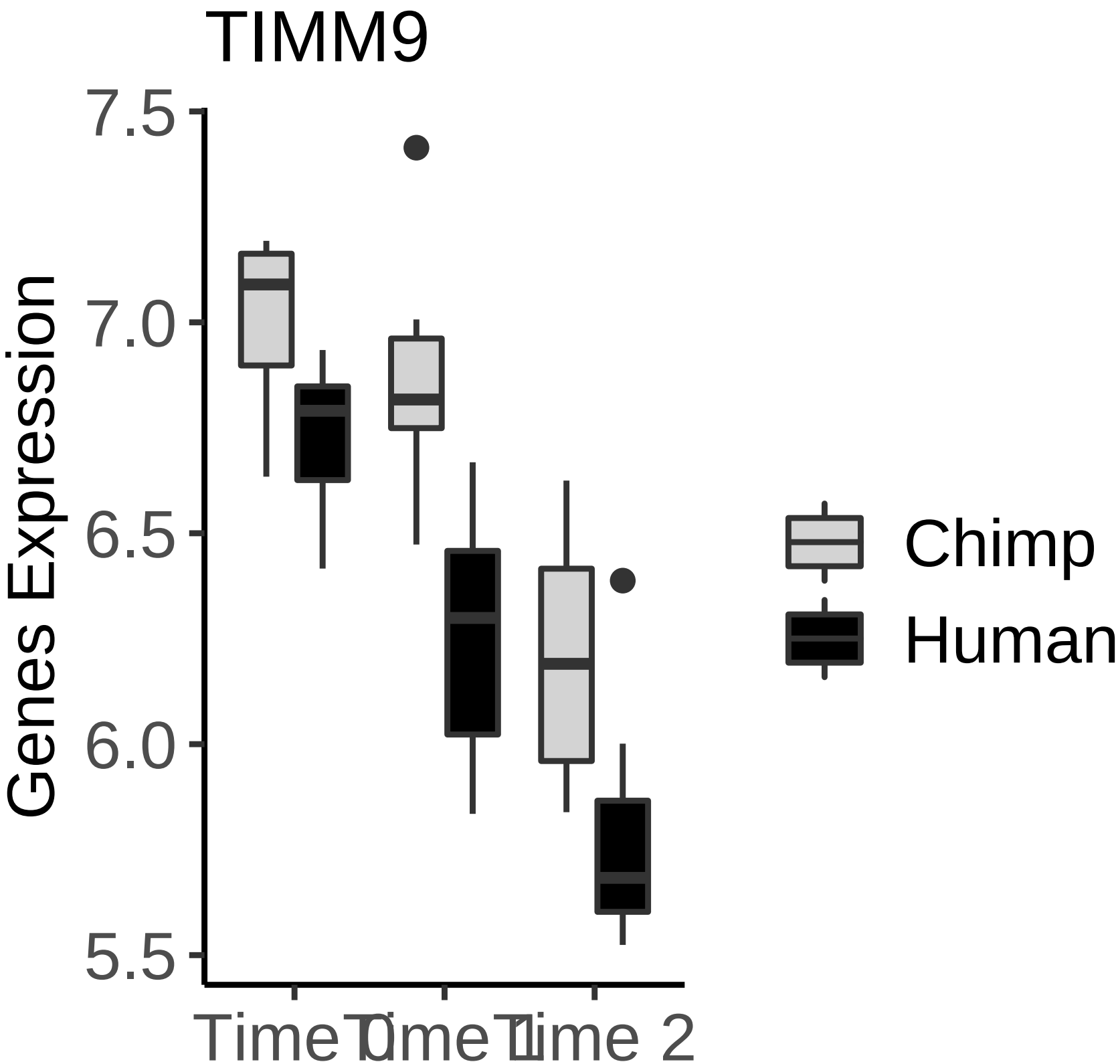
5.5
5.0
Time 0
Time 1
Time 2
Chimp
Human


TIMM8A
Genes Expression
7
6
5
4
Time 0
Time 1
Time 2
Chimp
Human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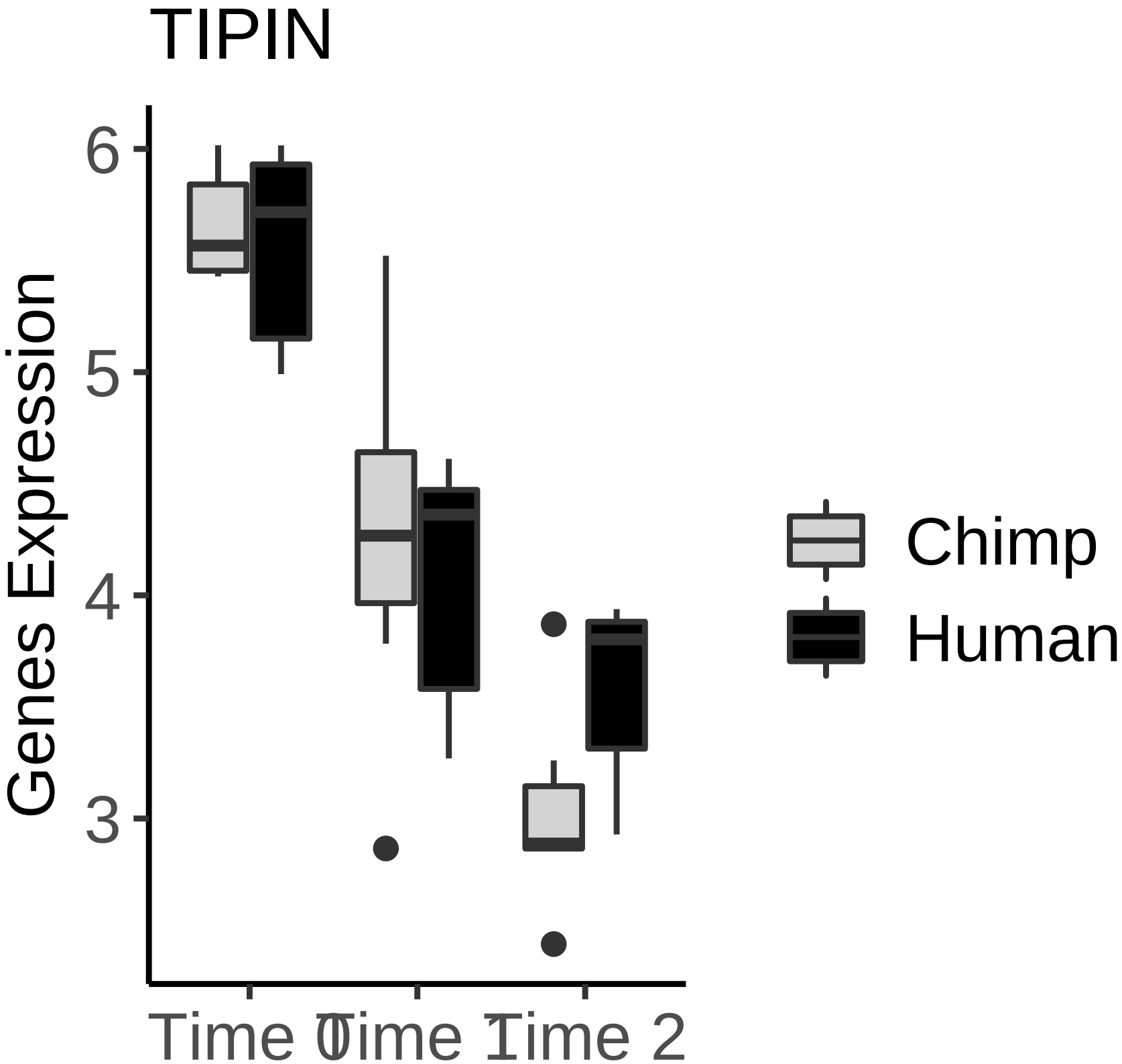
5.5
Time 0
Time 1
Time 2
Chimp
Human


TIPIN
Genes Expression
6
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4
3
Time 0
Time 1
Time 2
Chimp
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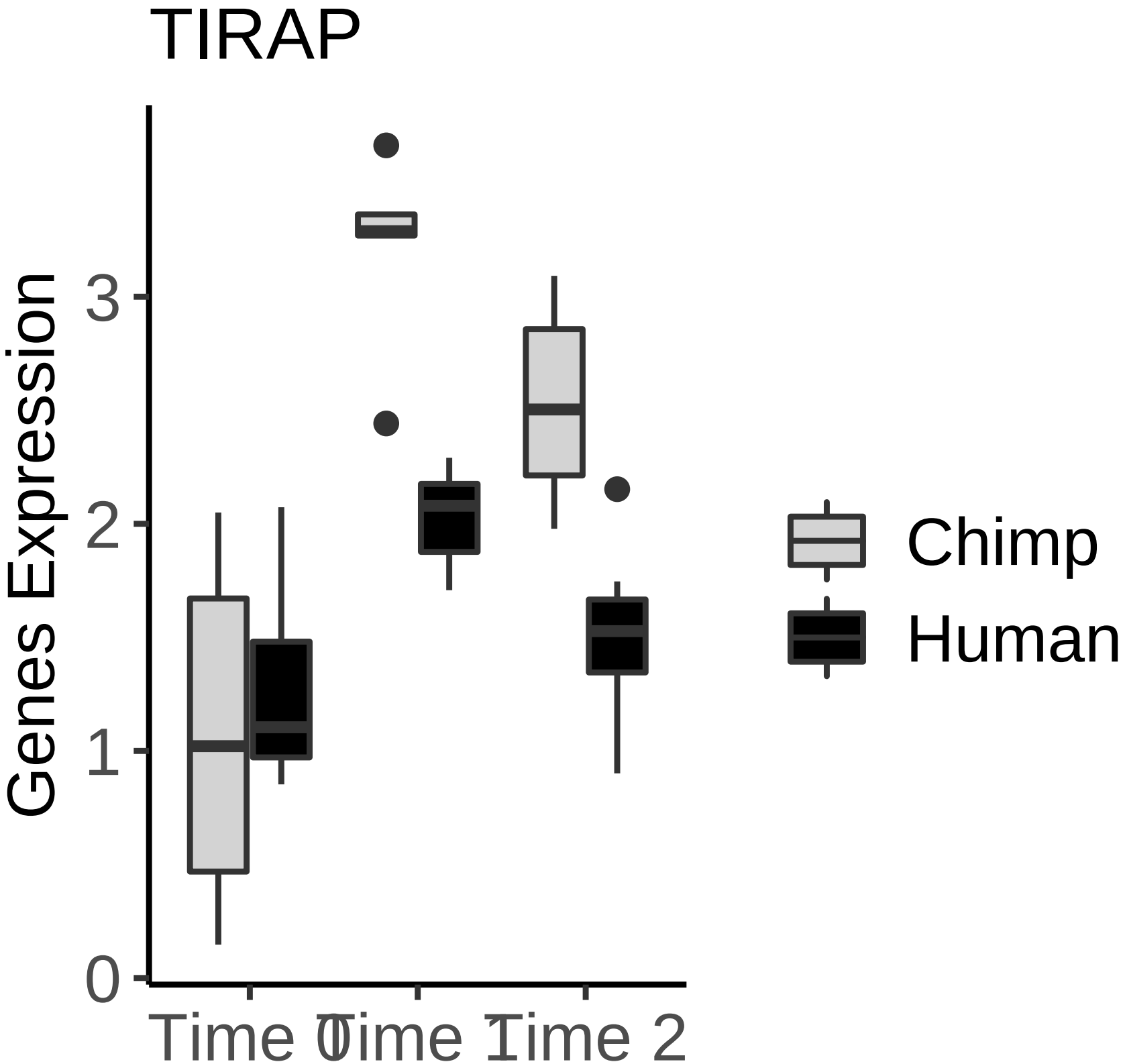
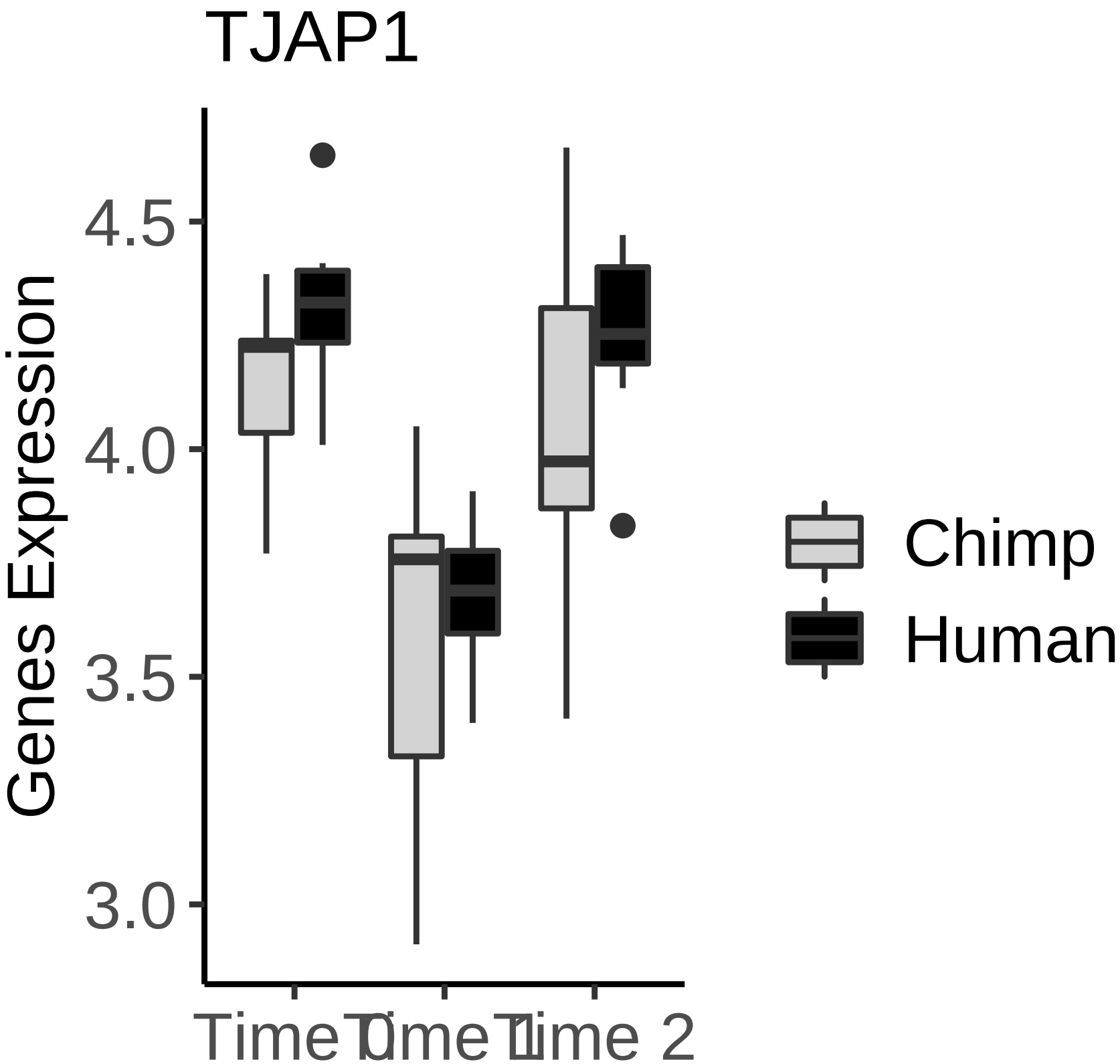

TIRAP
Genes Expression
0
1
2
3
Time 0
Time 1
Time 2
Chimp
Human


TJAP1
Genes Expression
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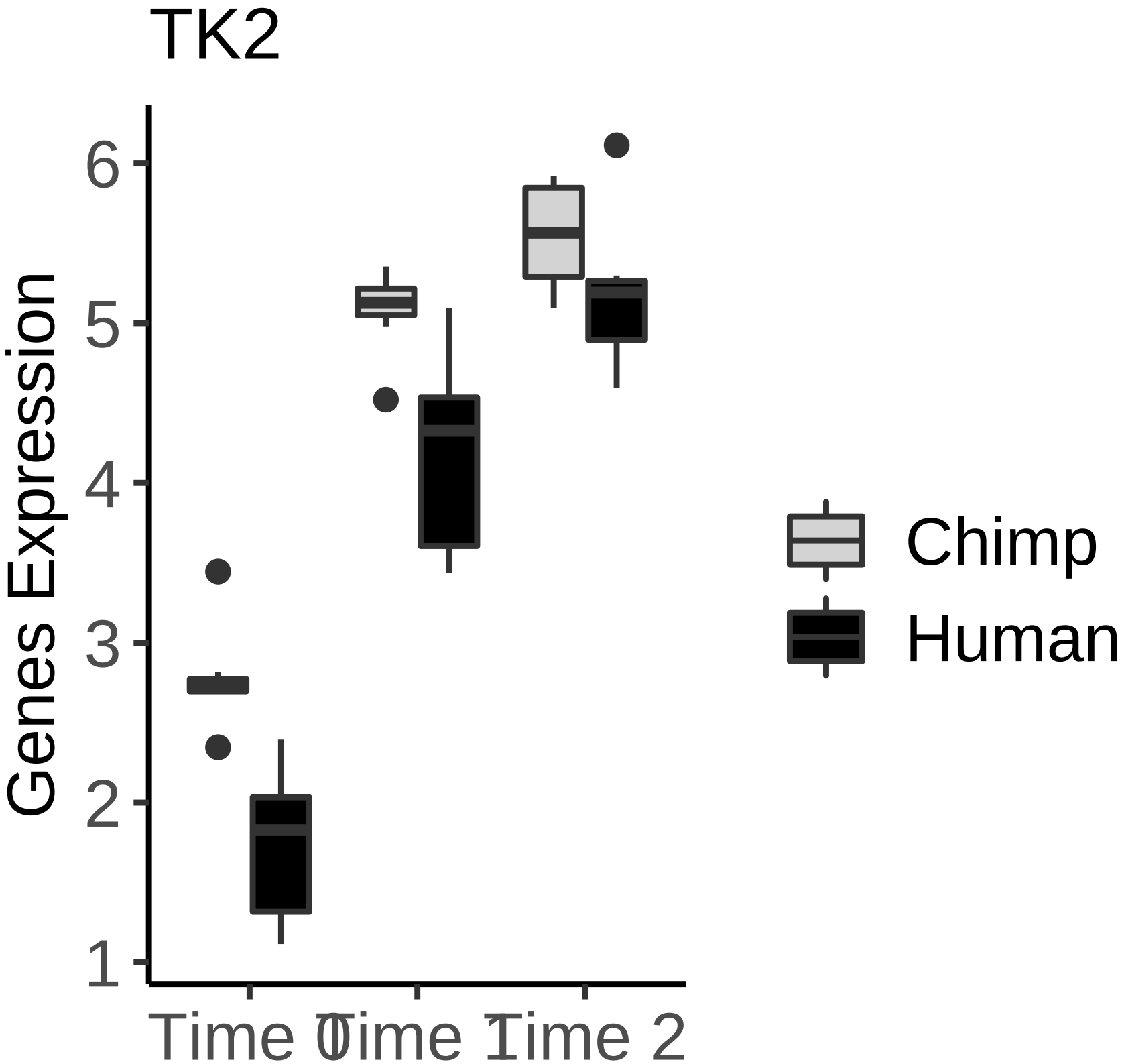
3.5
3.0
Time 0
Time 1
Time 2
Chimp
Human


TK2
Genes Expression
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4
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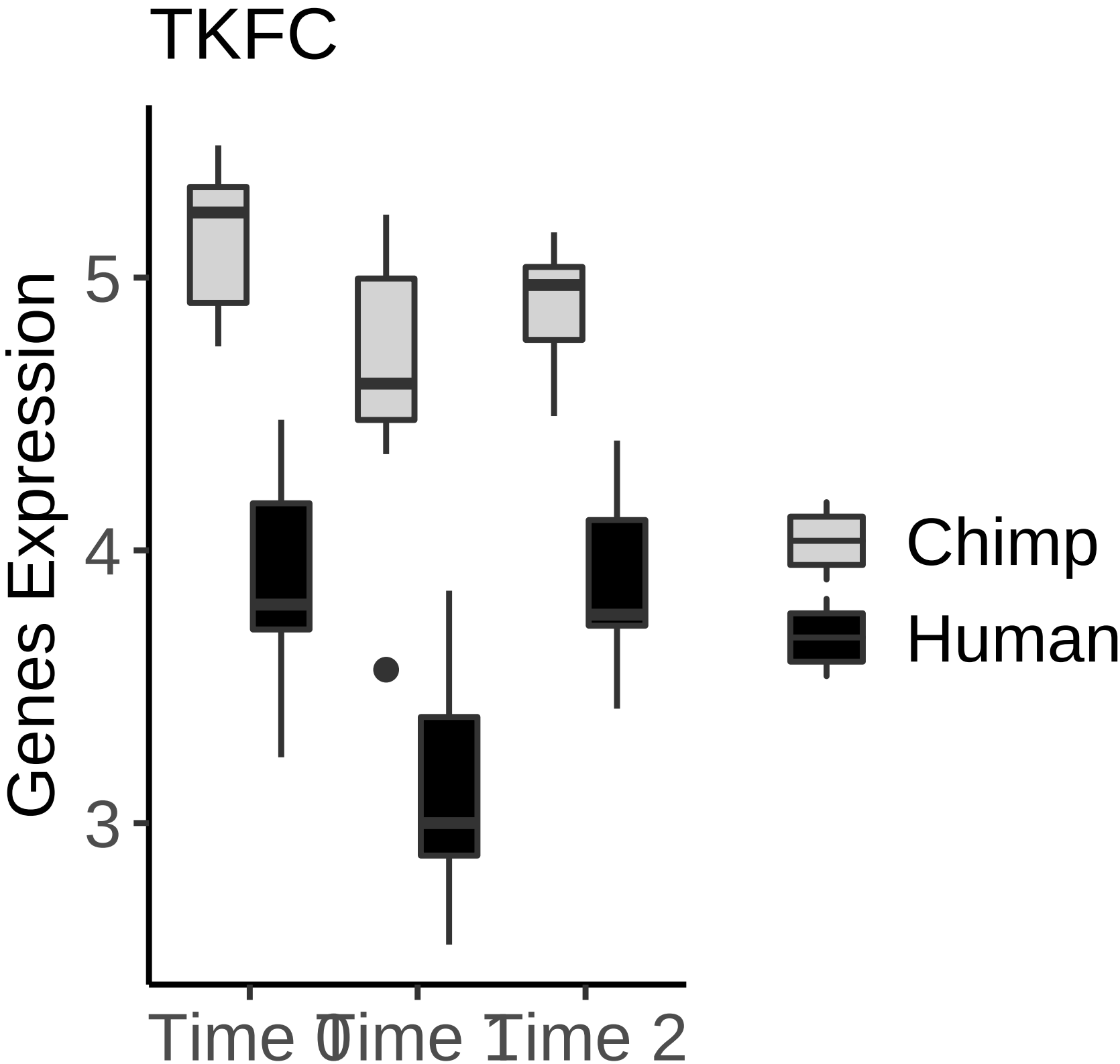
2
1
Time 0
Time 1
Time 2
Chimp
Human


TKFC
Genes Expression
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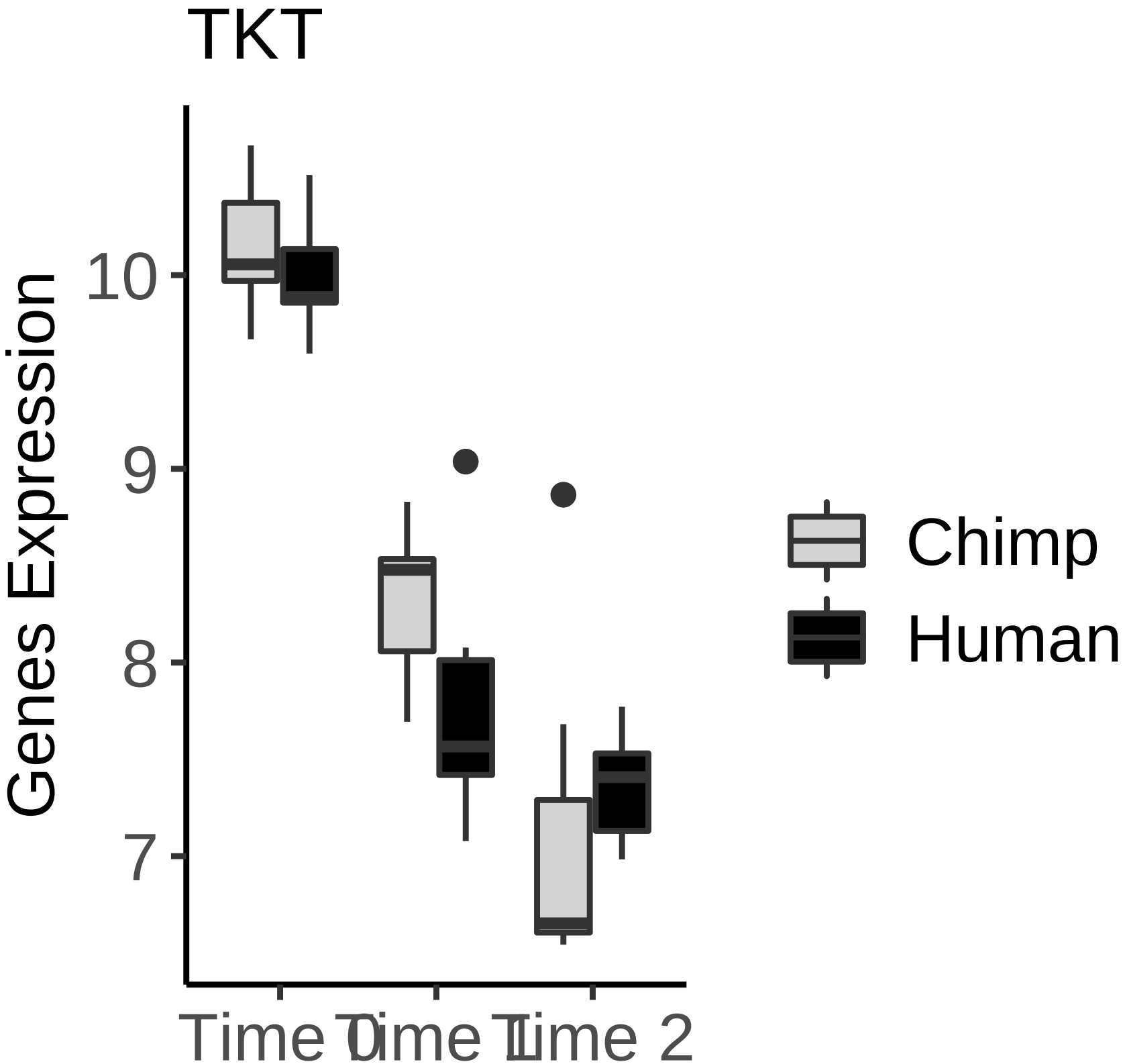
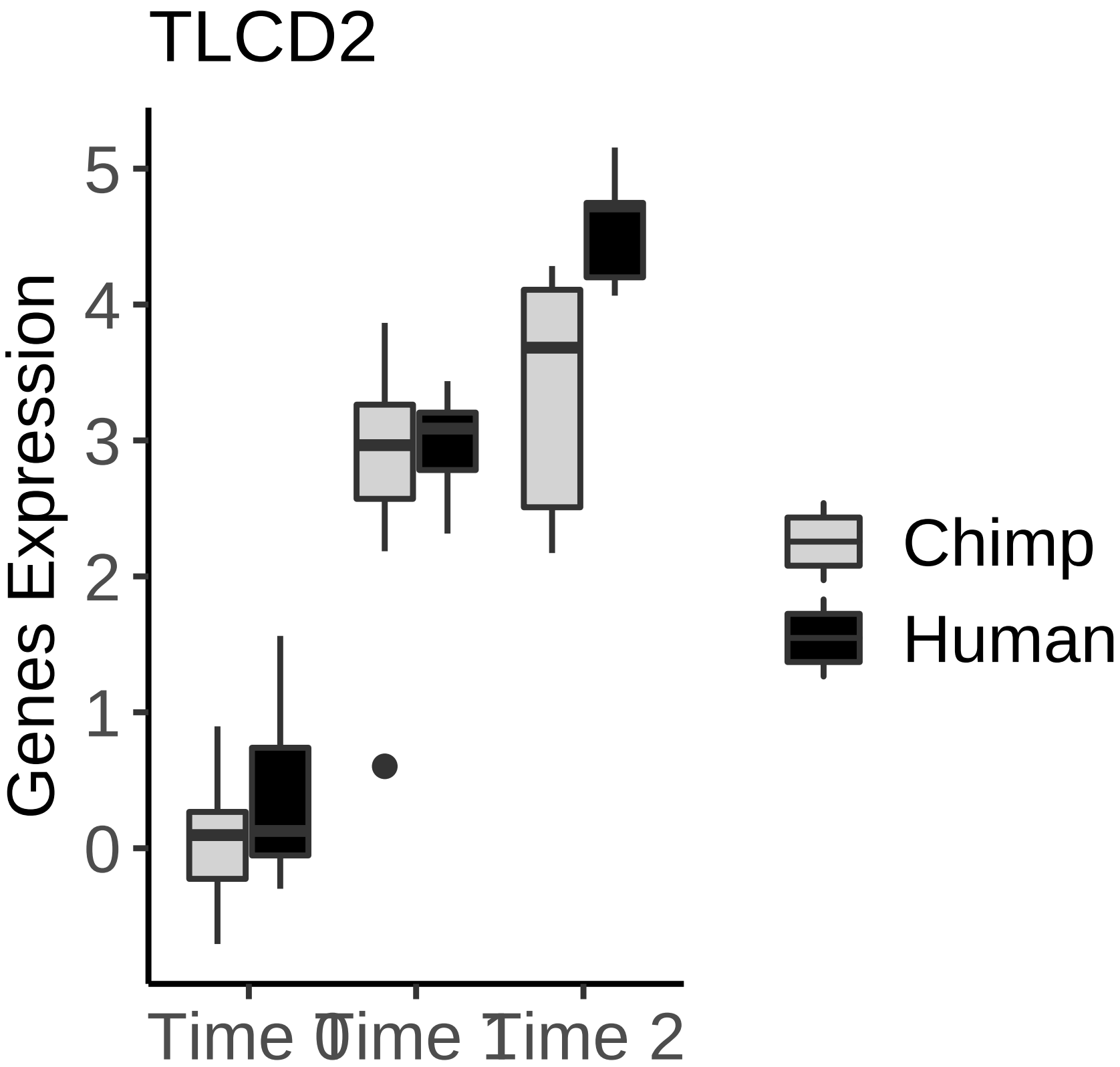
Time 0
Time 1
Time 2
Chimp
Human


TKT
Genes Expression
10
9
8
7
Time 0
Time 1
Time 2
Chimp
Human


TLCD2
Genes Expression
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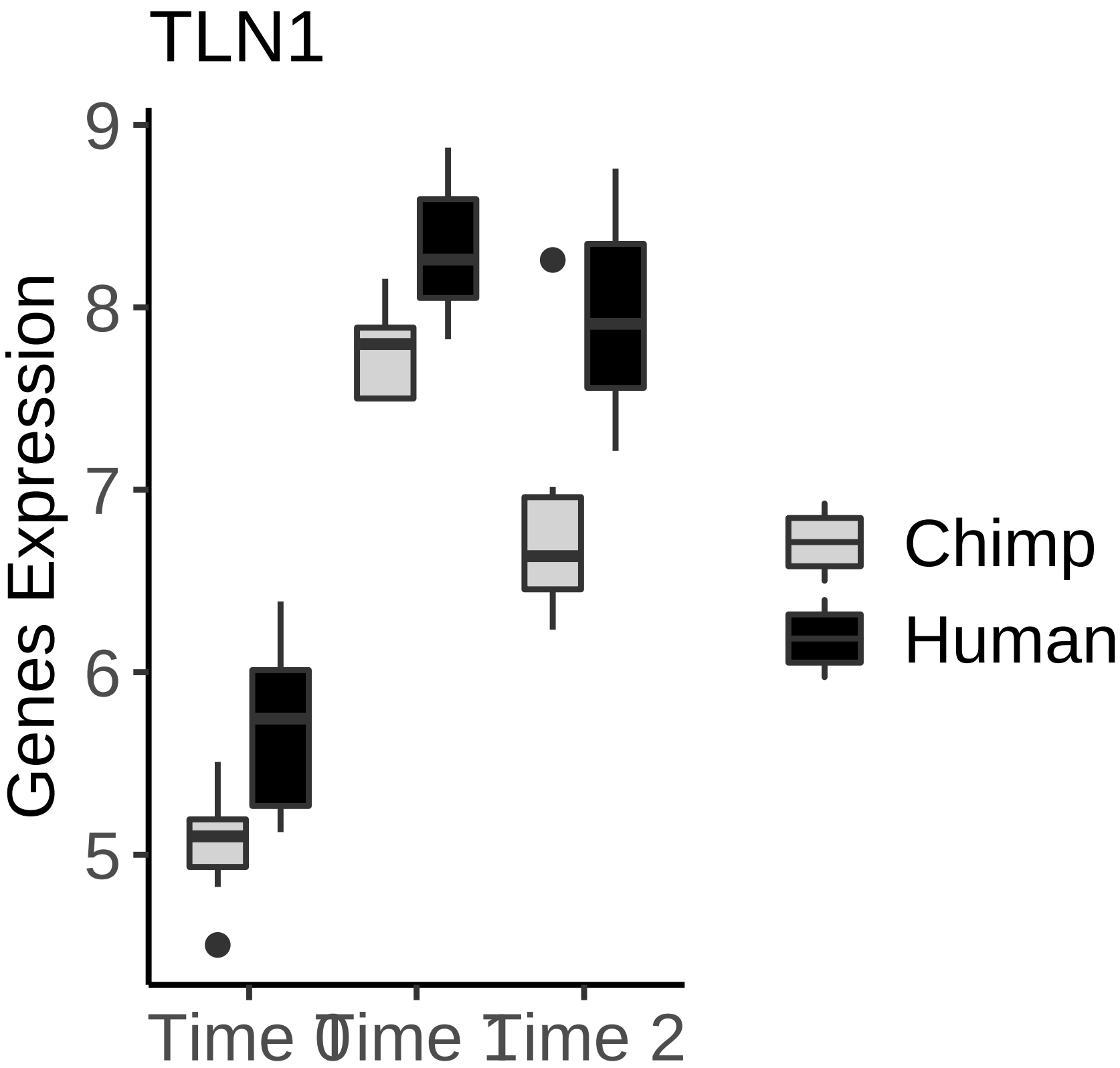
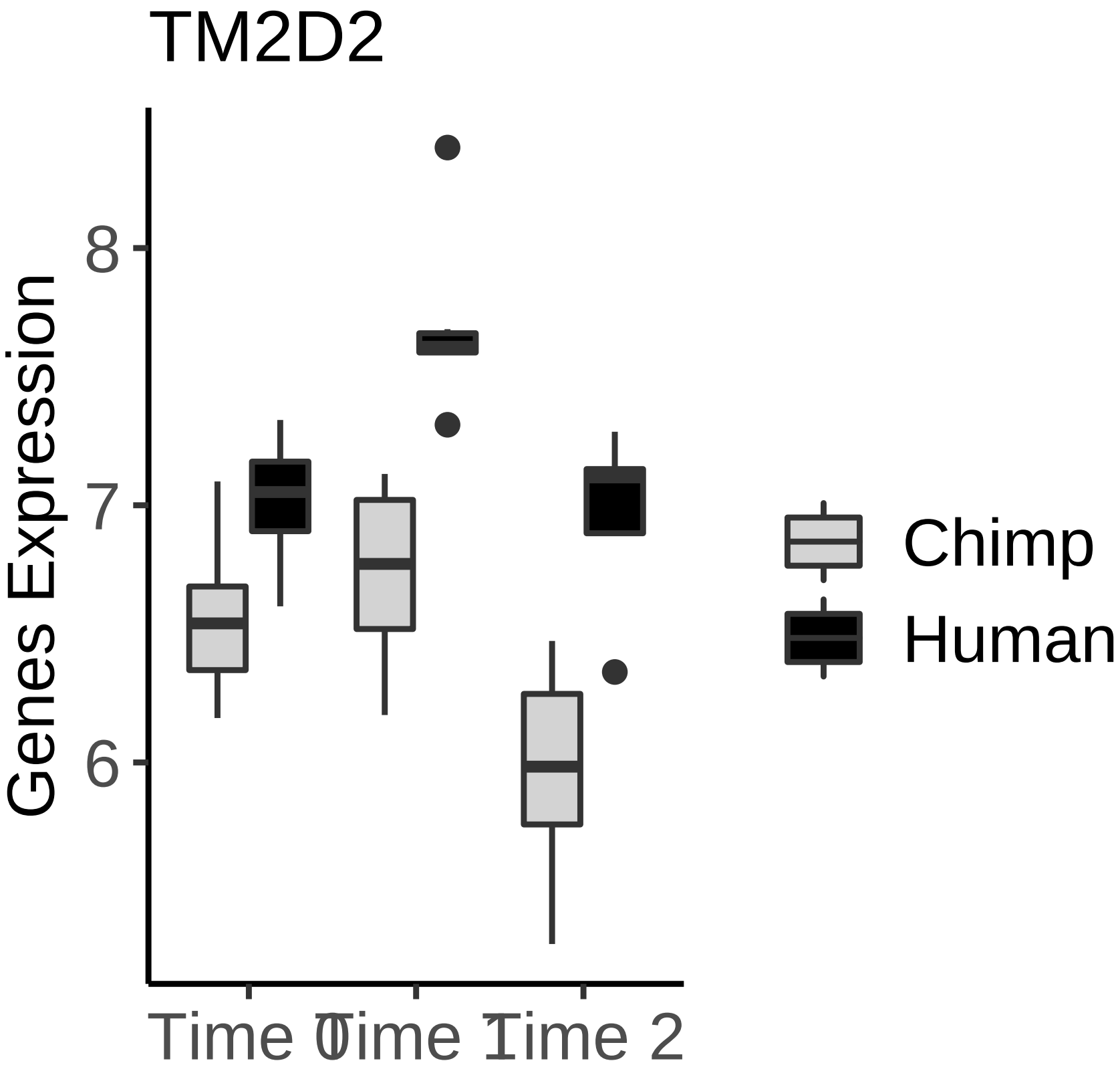
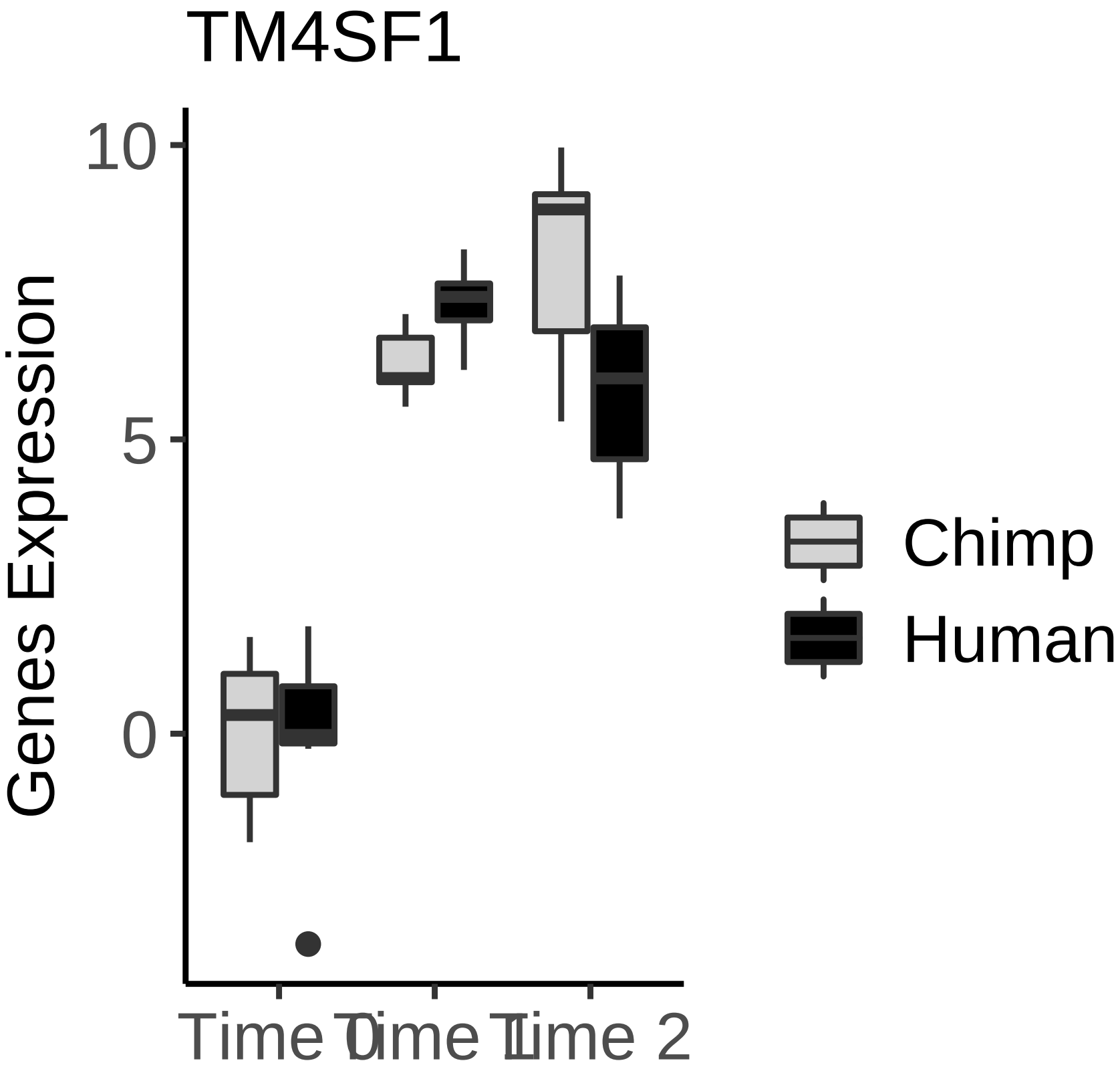
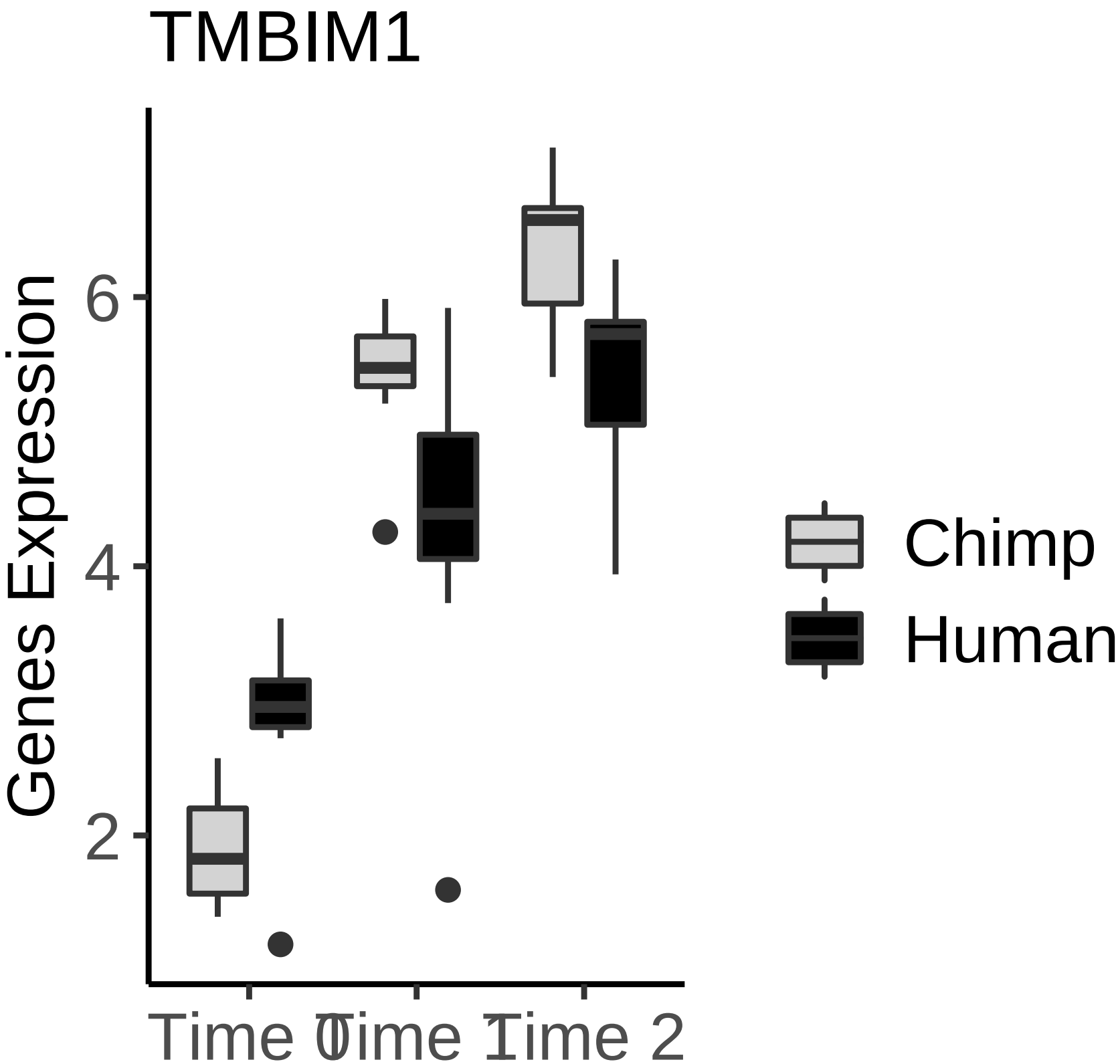
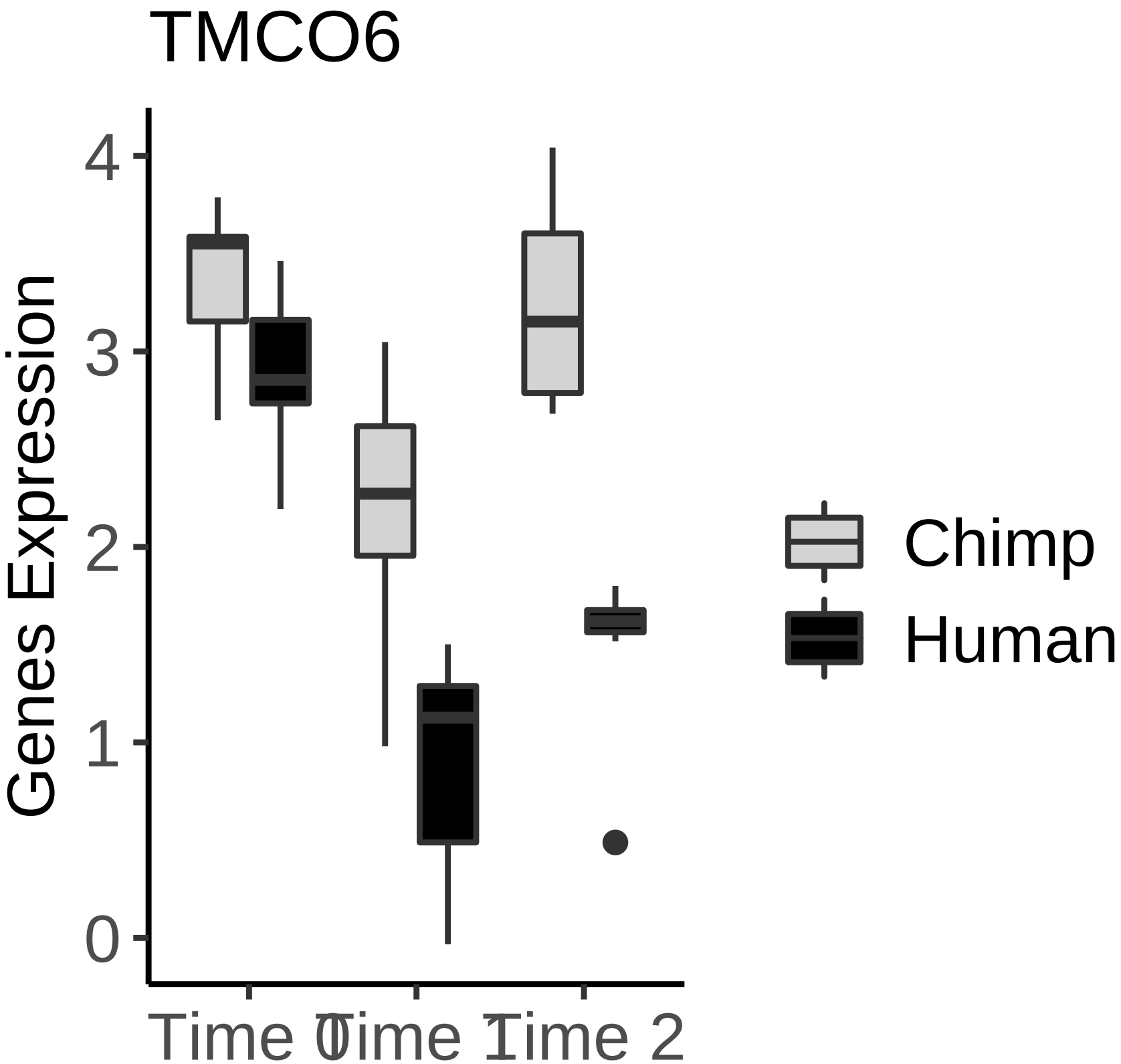
4
3
2
1
0
Time 0
Time 1
Time 2
Chimp
Human

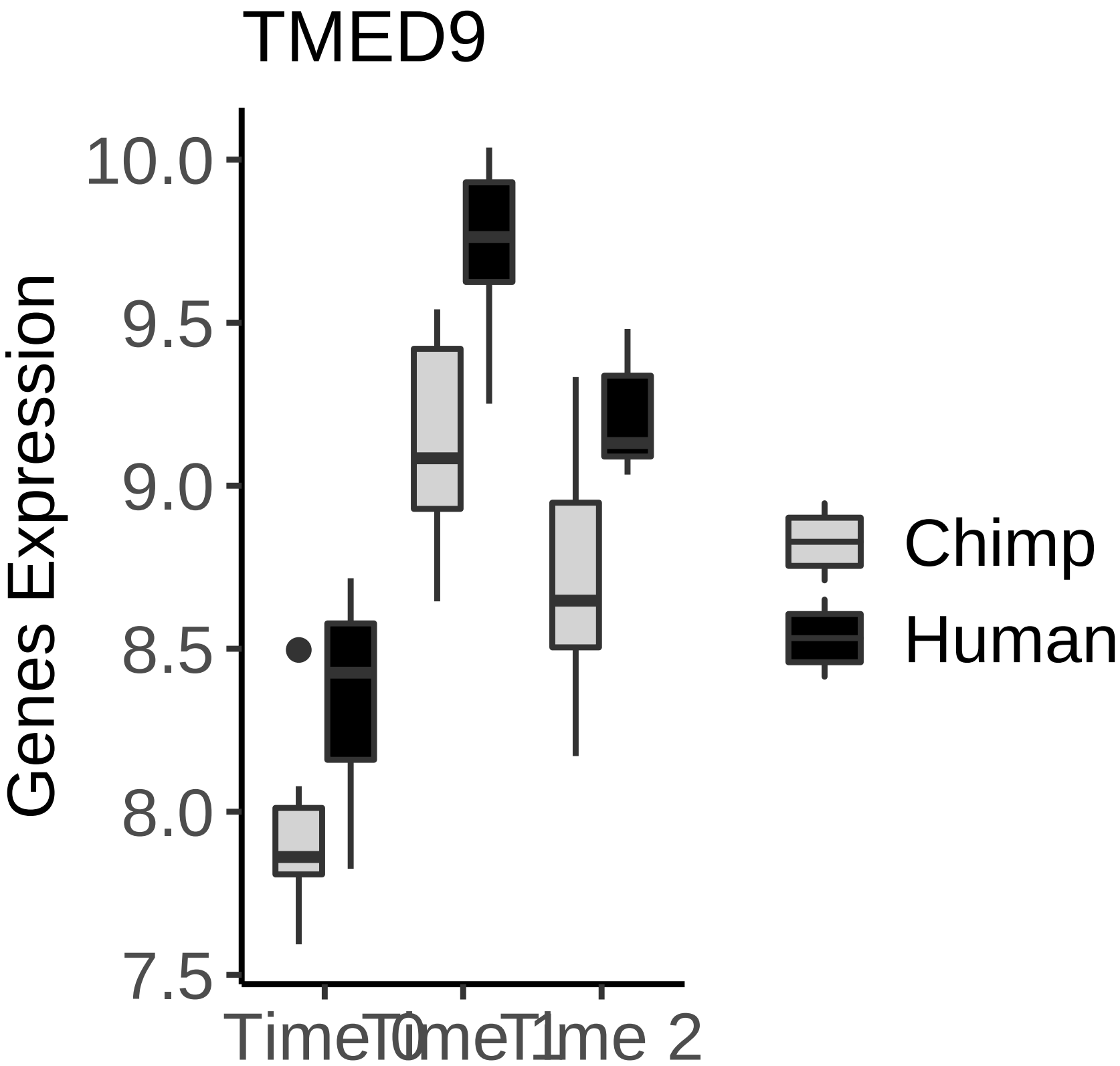

TLN1
Genes Expression
9
8
7
6
5
Time 0
Time 1
Time 2
Chimp
Human

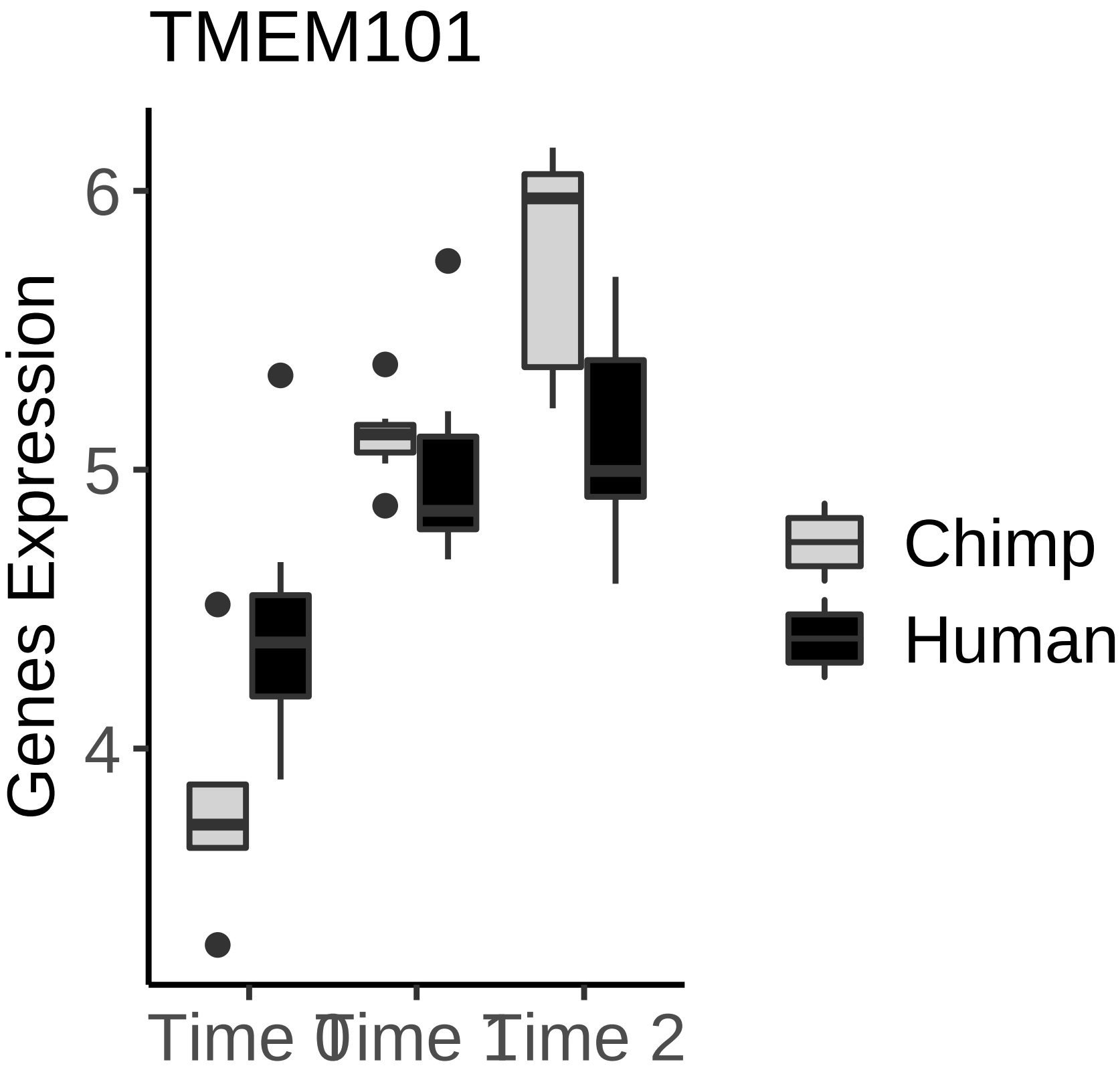

TM2D2
Genes Expression
8
7
6
Time 0
Time 1
Time 2
Chimp
Human

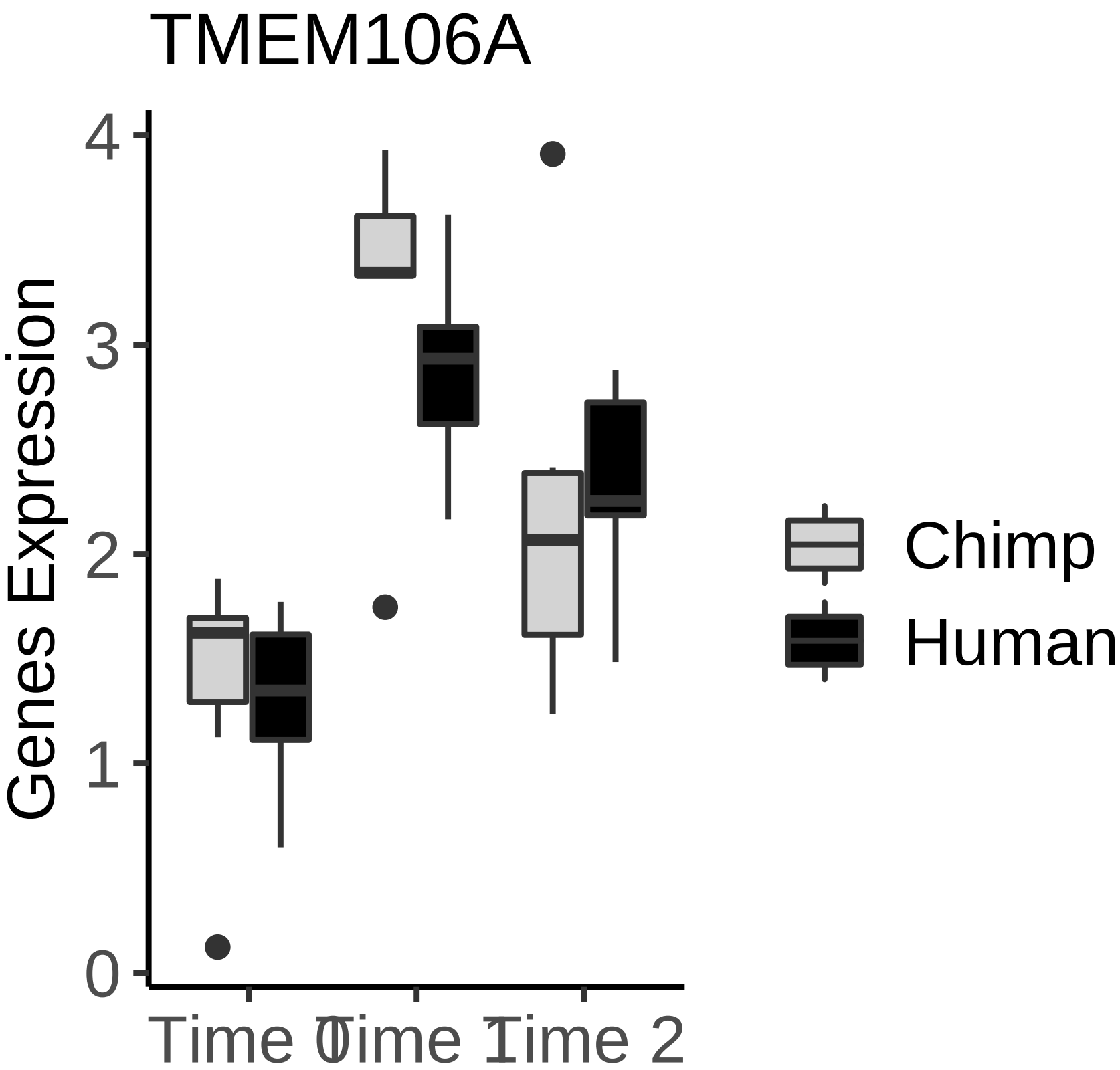

TM4SF1
Genes Expression
10
5
0
Time 0
Time 1
Time 2
Chimp
Human

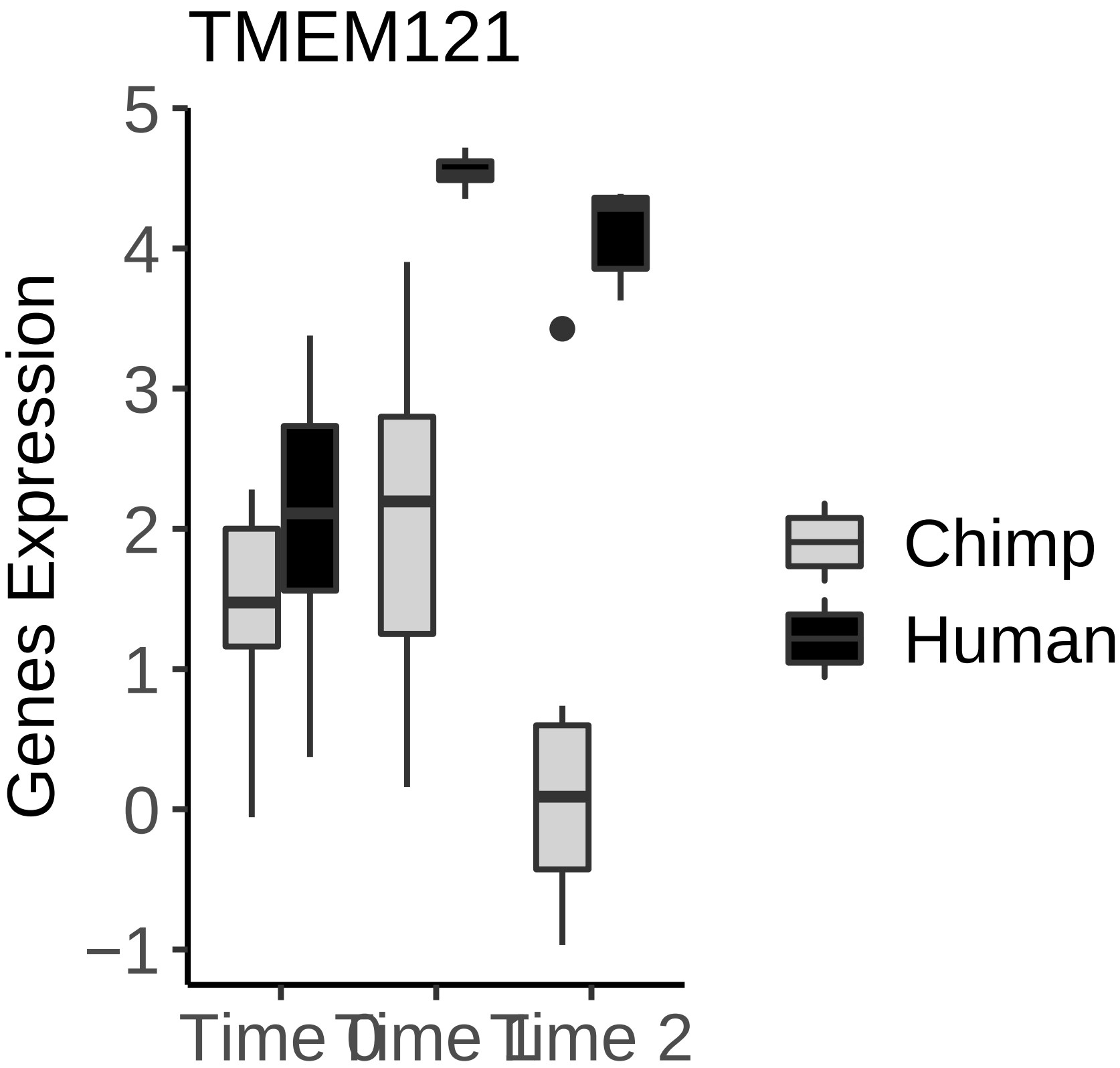

TMBIM1
Genes Expression
6
4
2
Time 0
Time 1
Time 2
Chimp
Human

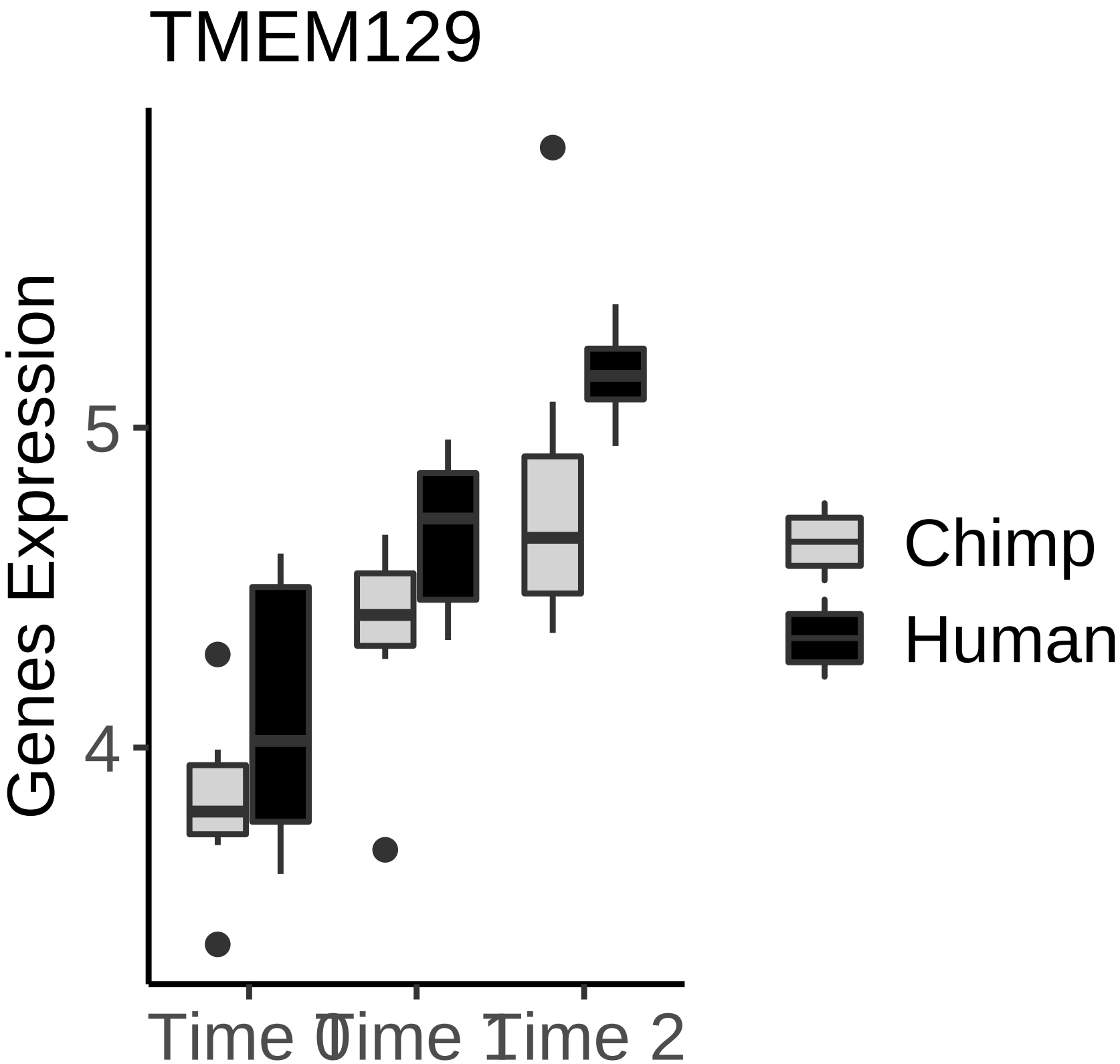

TMCO6
Genes Expression
4
3
2
1
0
Time 0
Time 1
Time 2
Chimp
Human

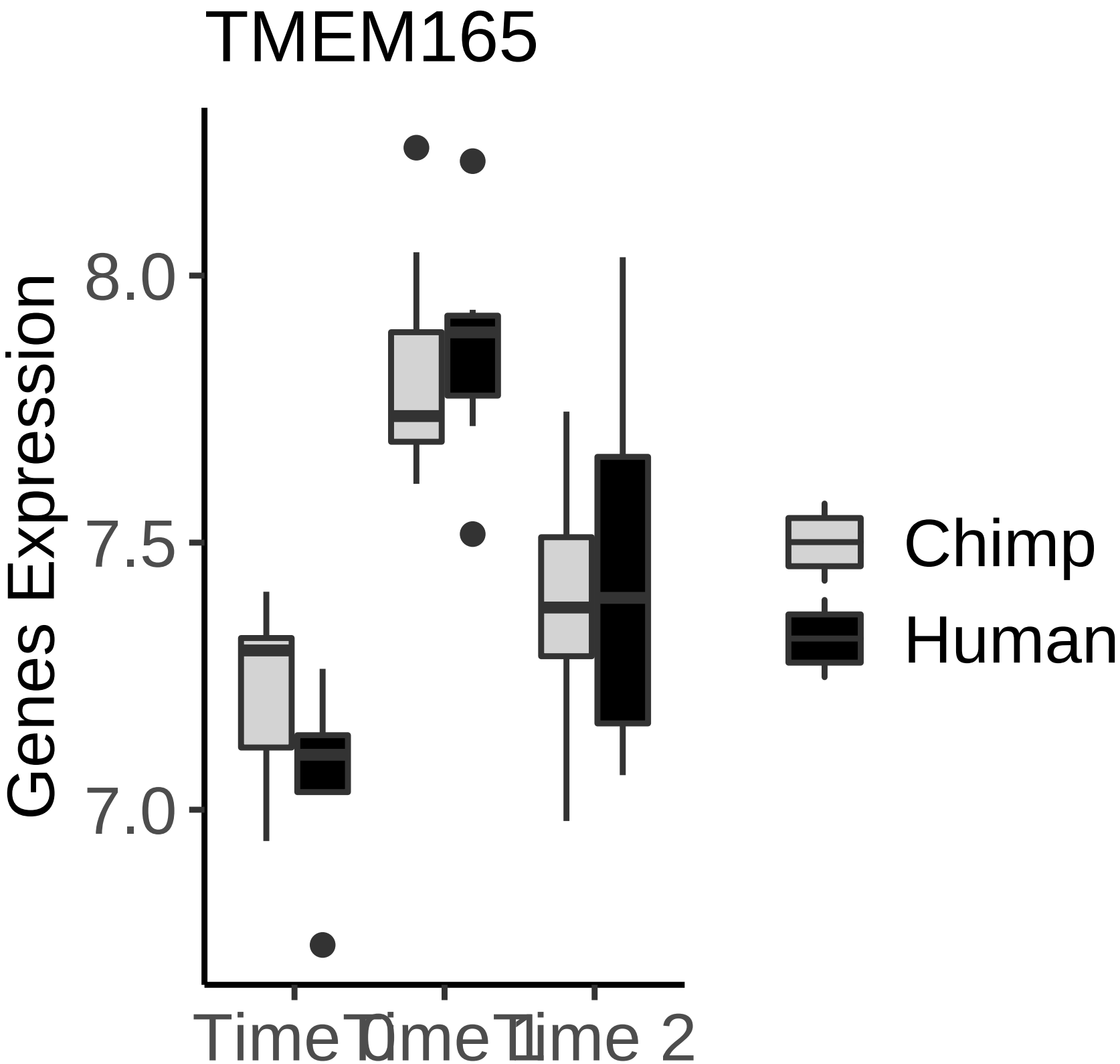

TMED9
Genes Expression
10.0
9.5
9.0
8.5
8.0
7.5
Time 0
Time 1
Time 2
Chimp
Human

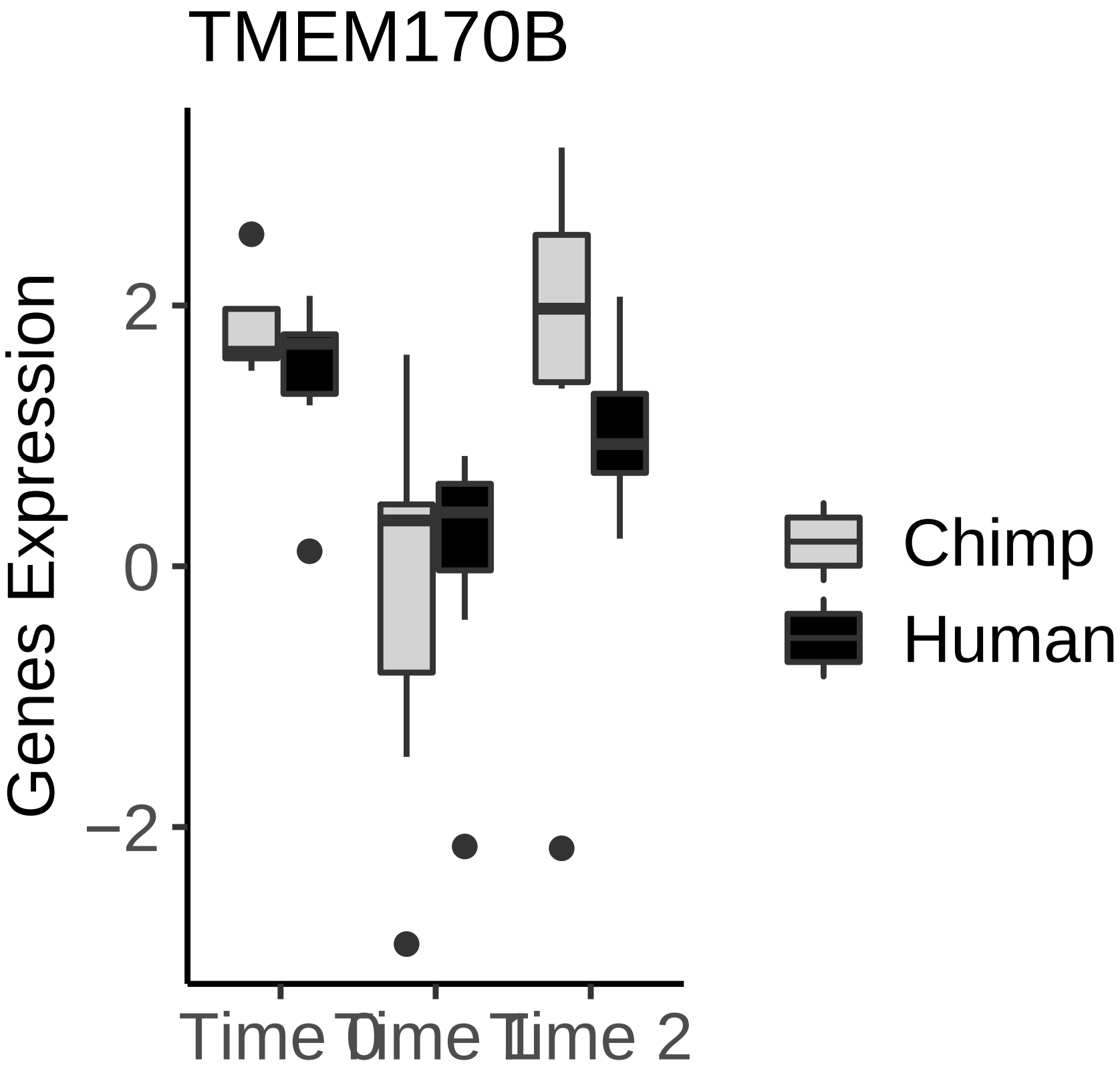

TMEM101
Genes Expression
6
5
4
Time 0
Time 1
Time 2
Chimp
Human

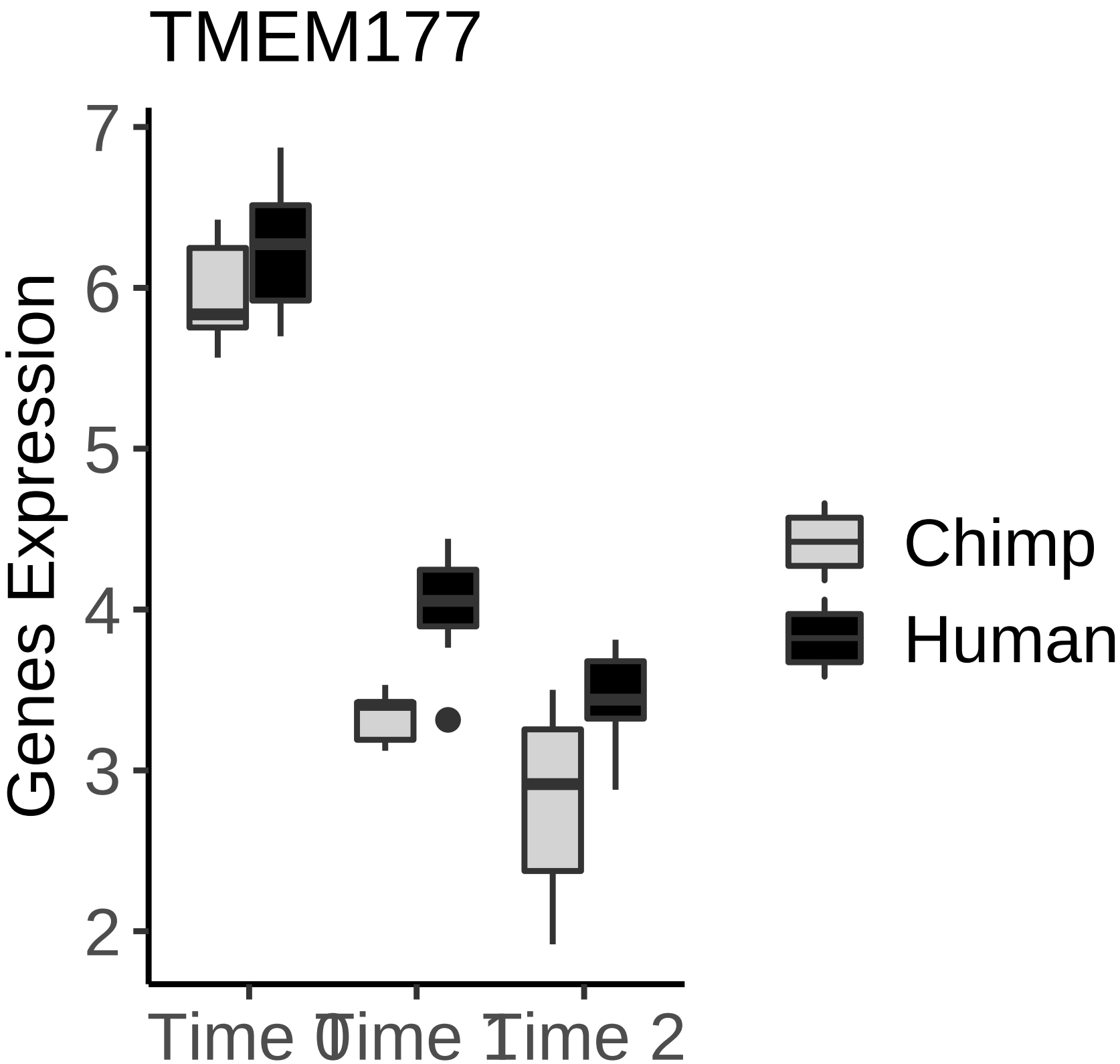

TMEM106A
Genes Expression
4
3
2
1
0
Time 0
Time 1
Time 2
Chimp
Human

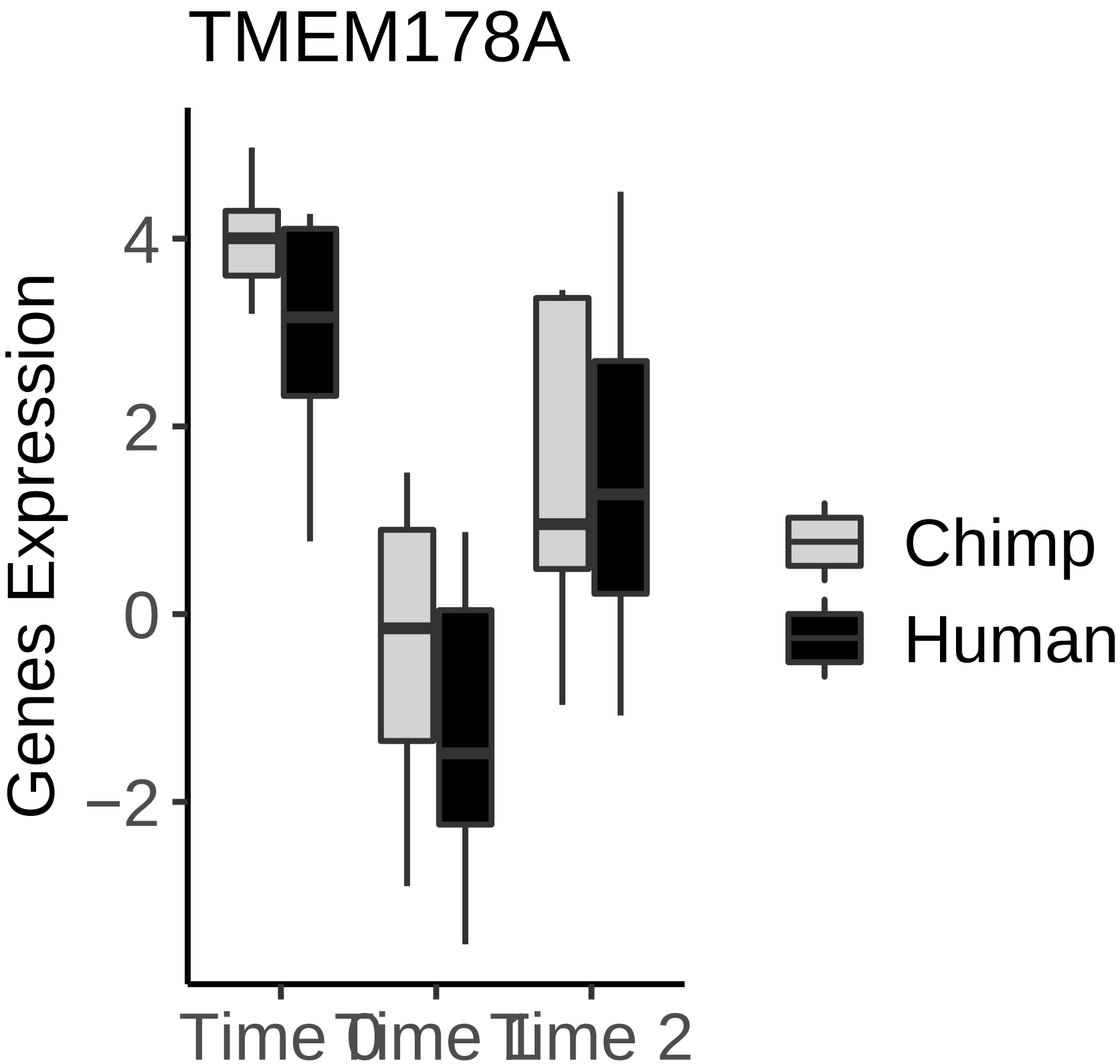

TMEM121
Genes Expression
5
4
3
2
1
0
−1
Time 0
Time 1
Time 2
Chimp
Human

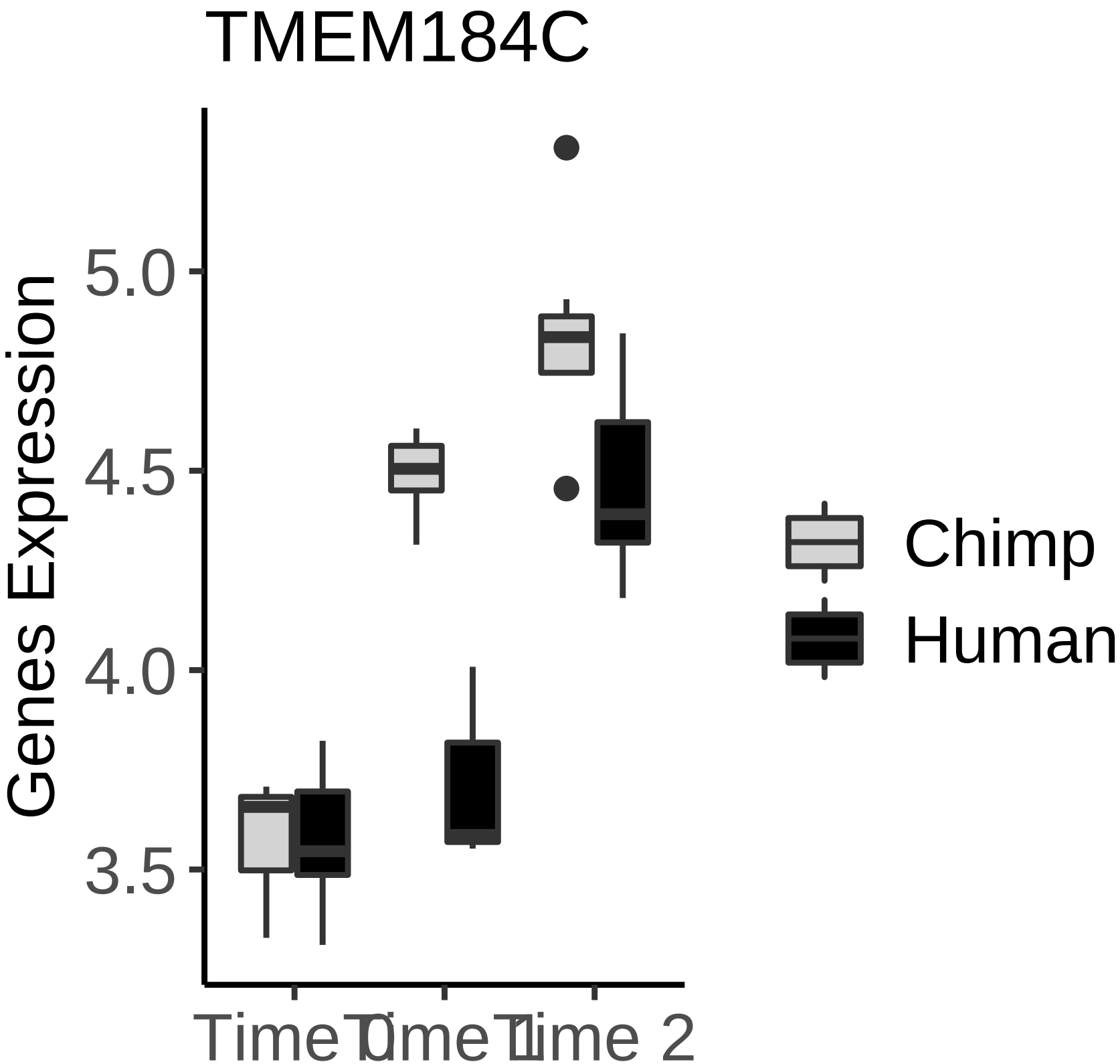

TMEM129
Genes Expression
5
4
Time 0
Time 1
Time 2
Chimp
Human

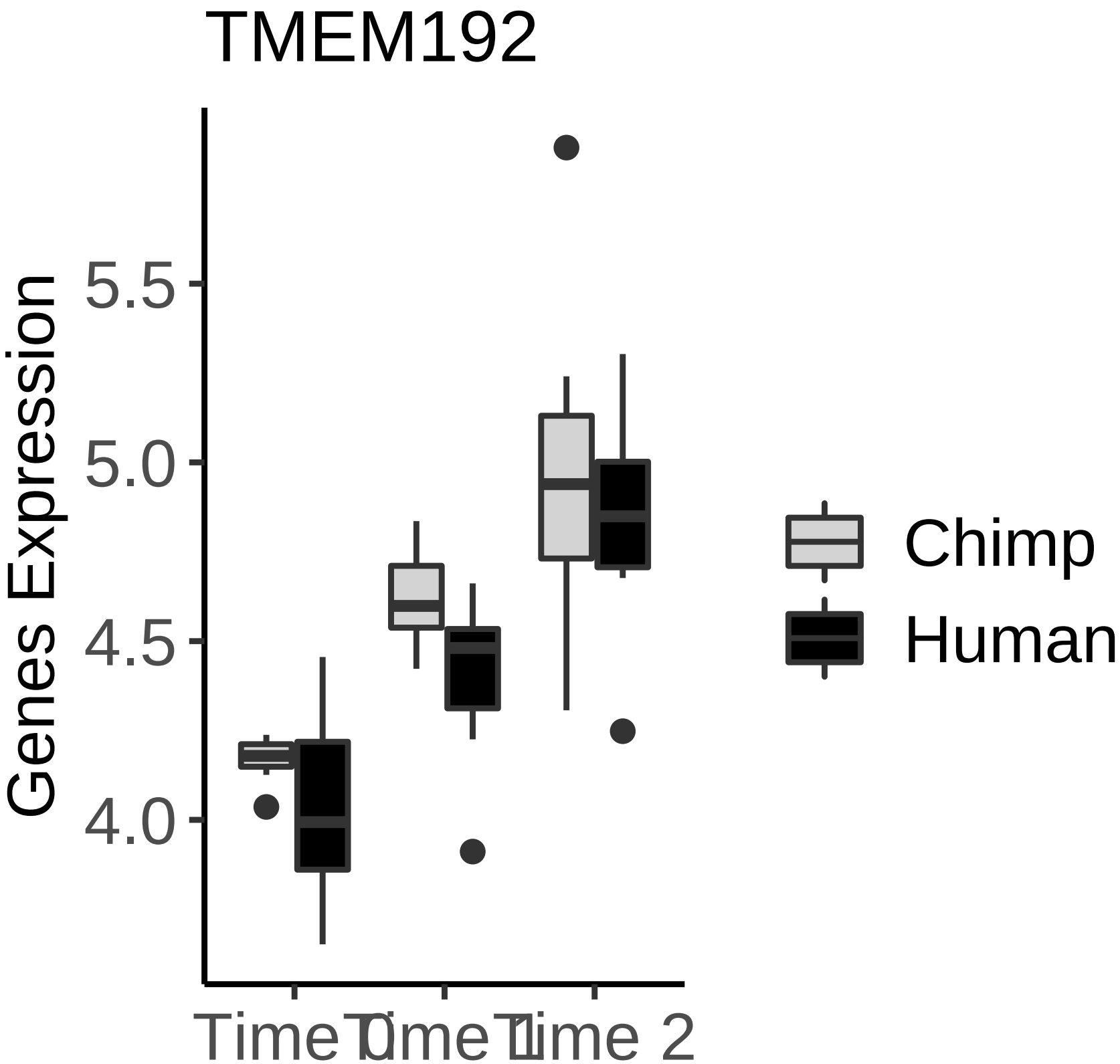

TMEM165
Genes Expression
8.0
7.5
7.0
Time 0
Time 1
Time 2
Chimp
Human

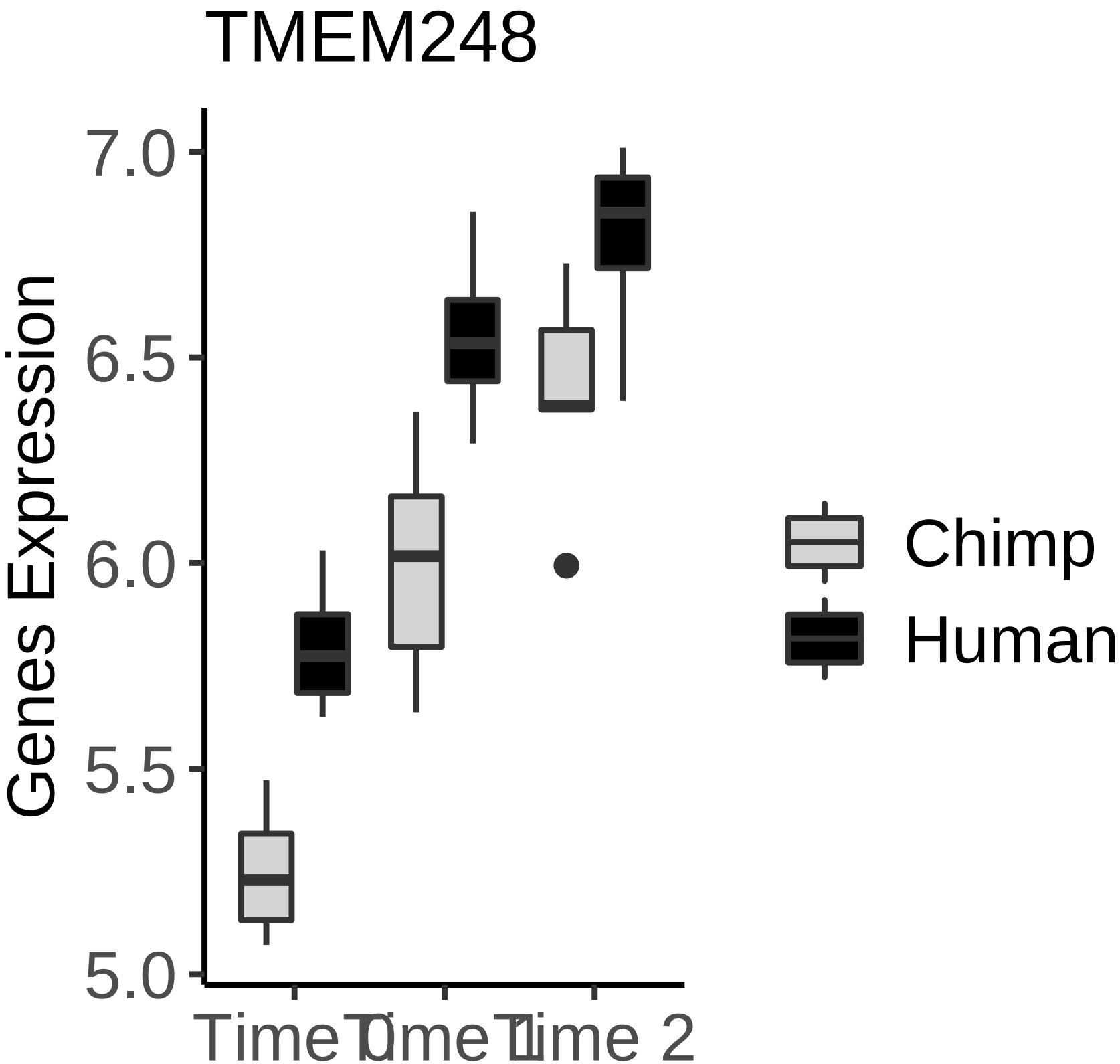

TMEM170B
Genes Expression
2
0
−2
Time 0
Time 1
Time 2
Chimp
Human

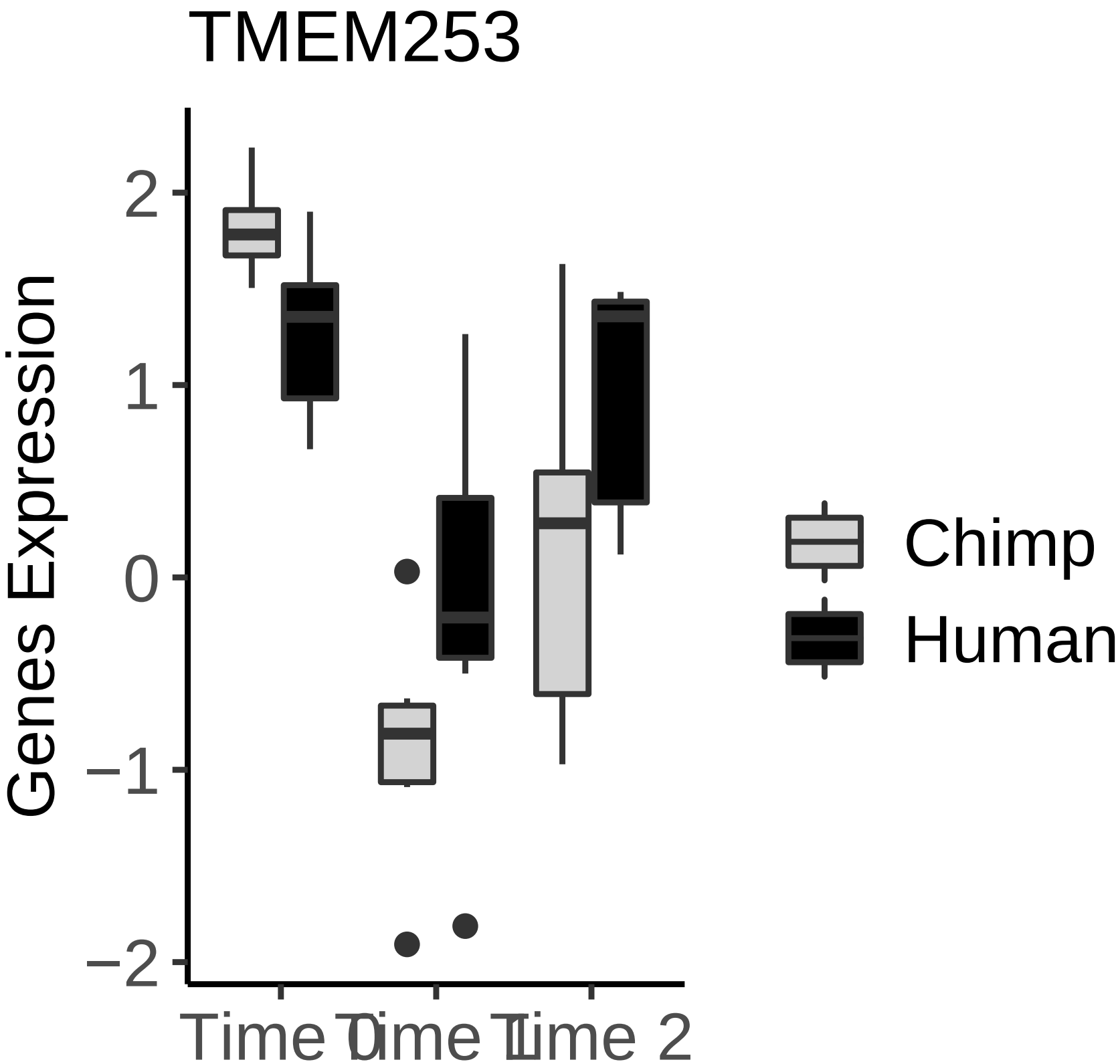

TMEM177
Genes Expression
7
6
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human

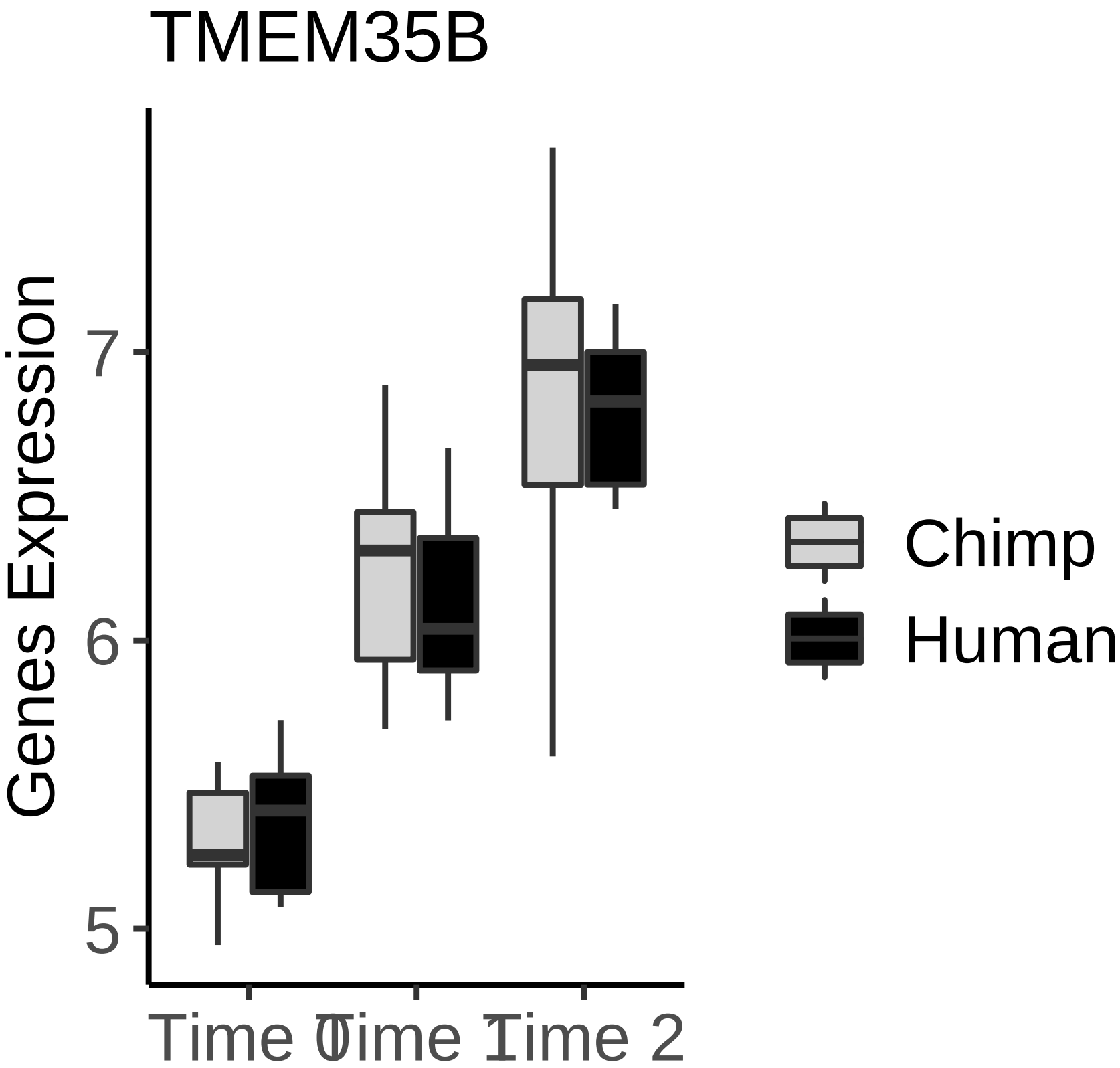

TMEM178A
Genes Expression
4
2
0
−2
Time 0
Time 1
Time 2
Chimp
Human

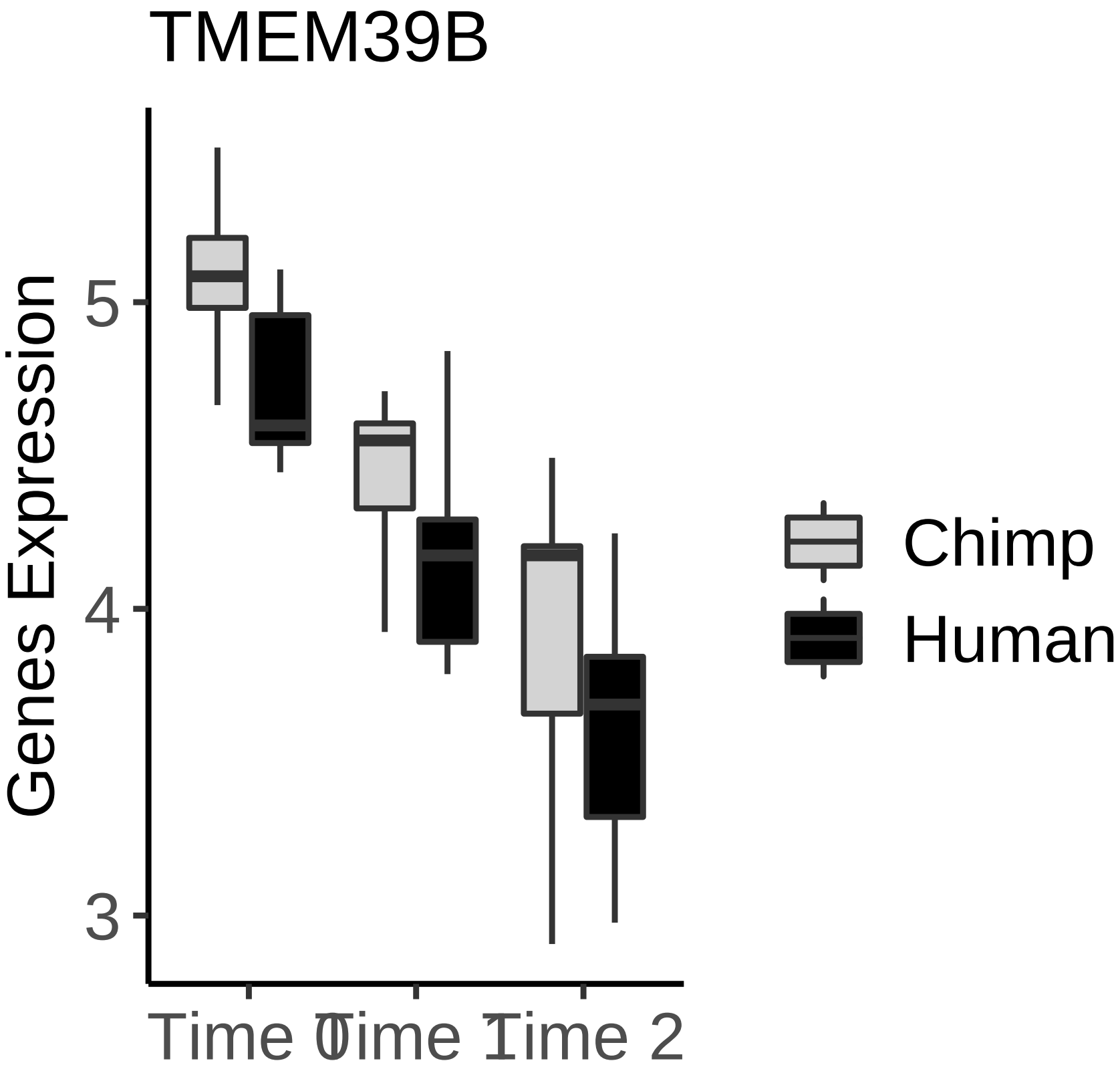

TMEM184C
Genes Expression
5.0
4.5
4.0
3.5
Time 0
Time 1
Time 2
Chimp
Human

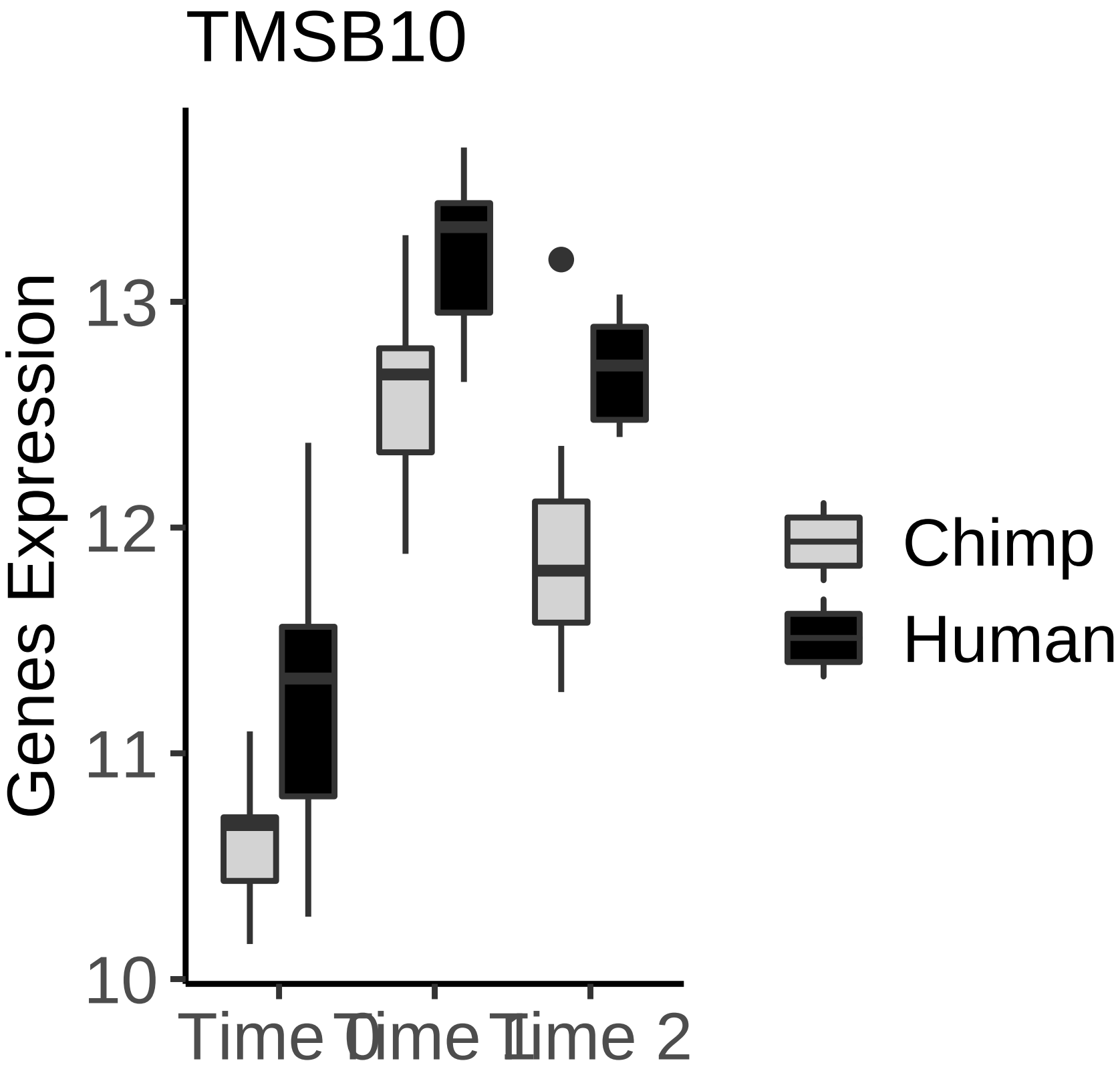

TMEM192
Genes Expression
5.5
5.0
4.5
4.0
Time 0
Time 1
Time 2
Chimp
Human

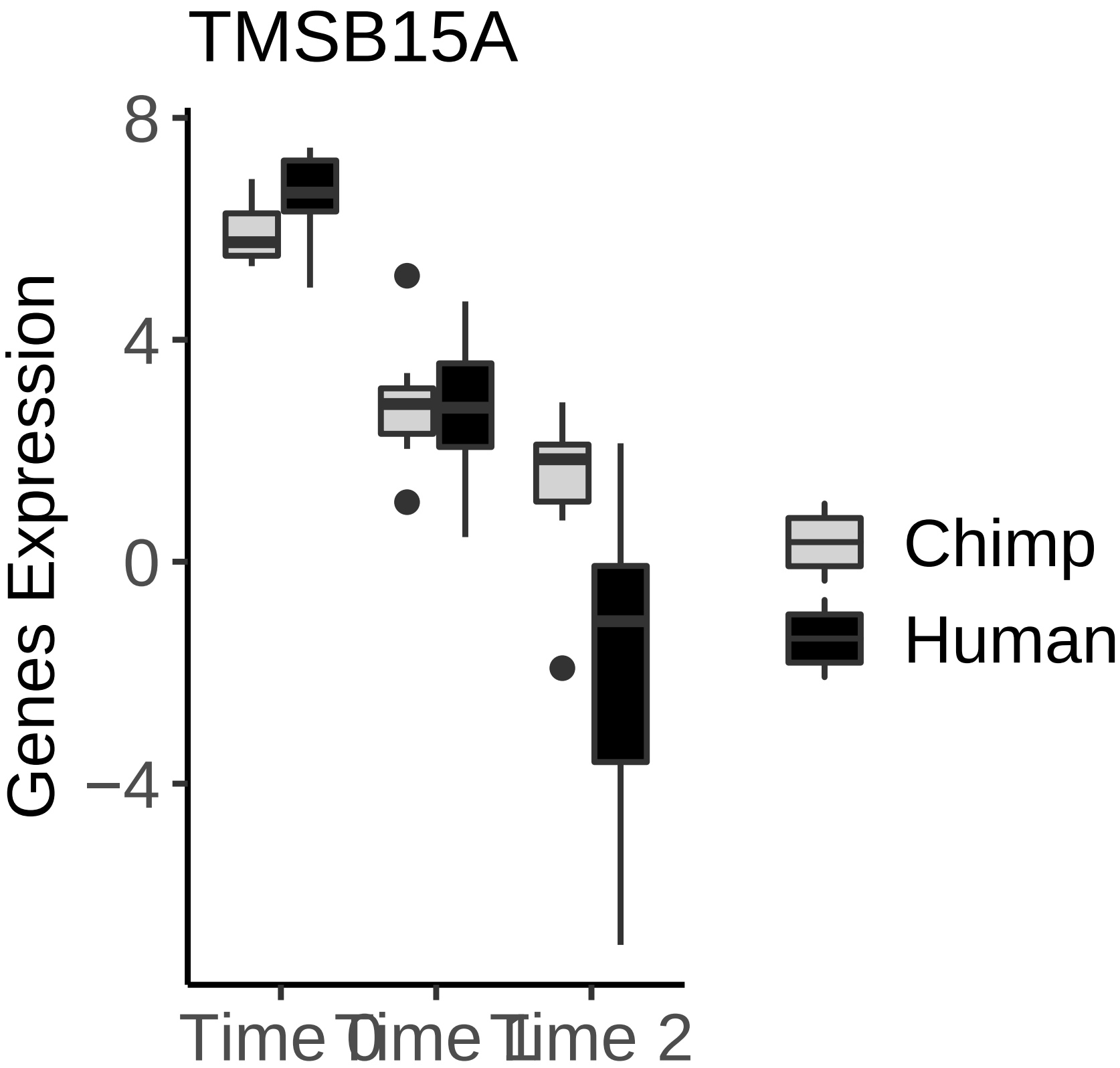

TMEM248
Genes Expression
7.0
6.5
6.0
5.5
5.0
Time 0
Time 1
Time 2
Chimp
Human

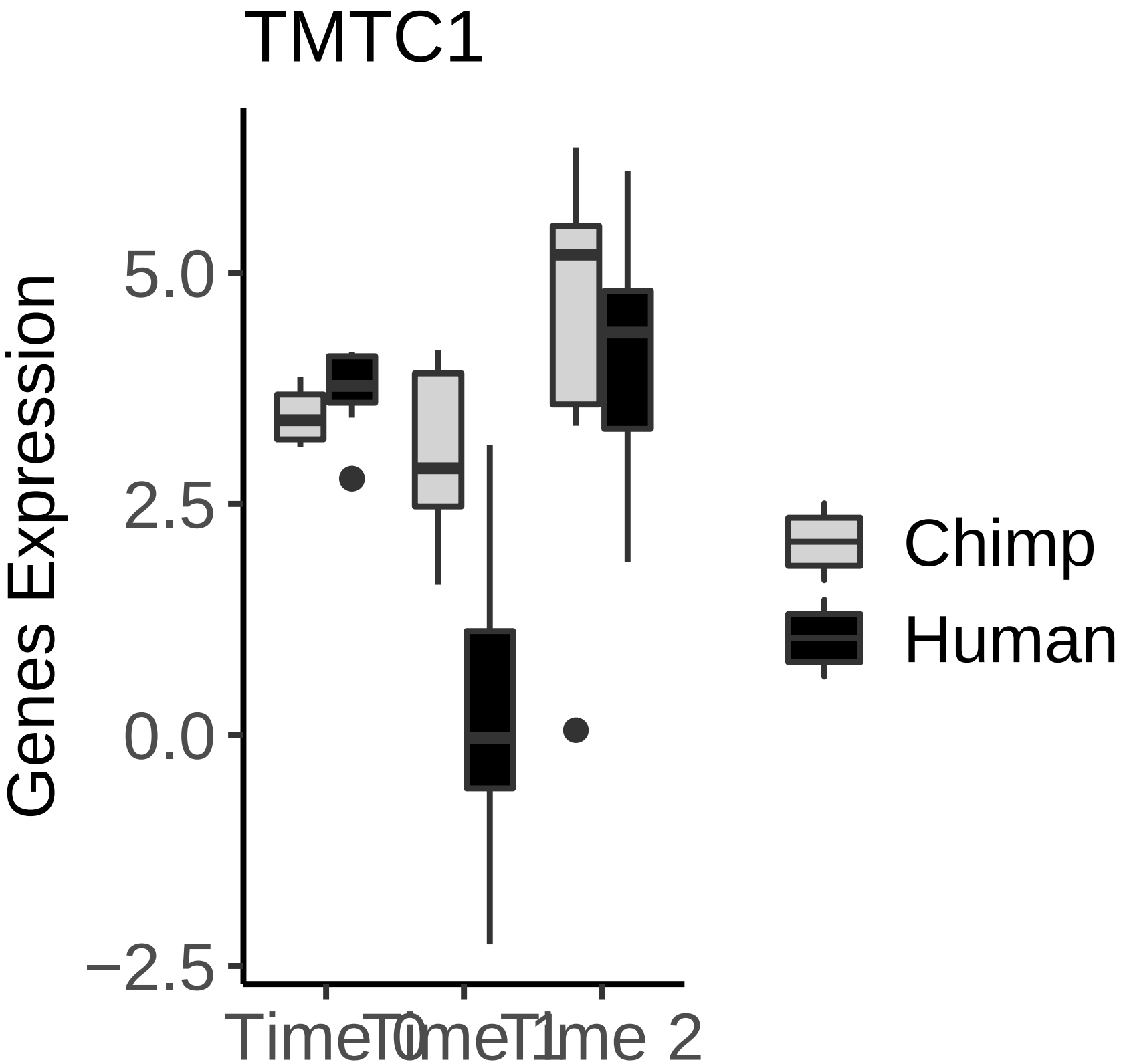

TMEM253
Genes Expression
2
1
0
−1
−2
Time 0
Time 1
Time 2
Chimp
Human

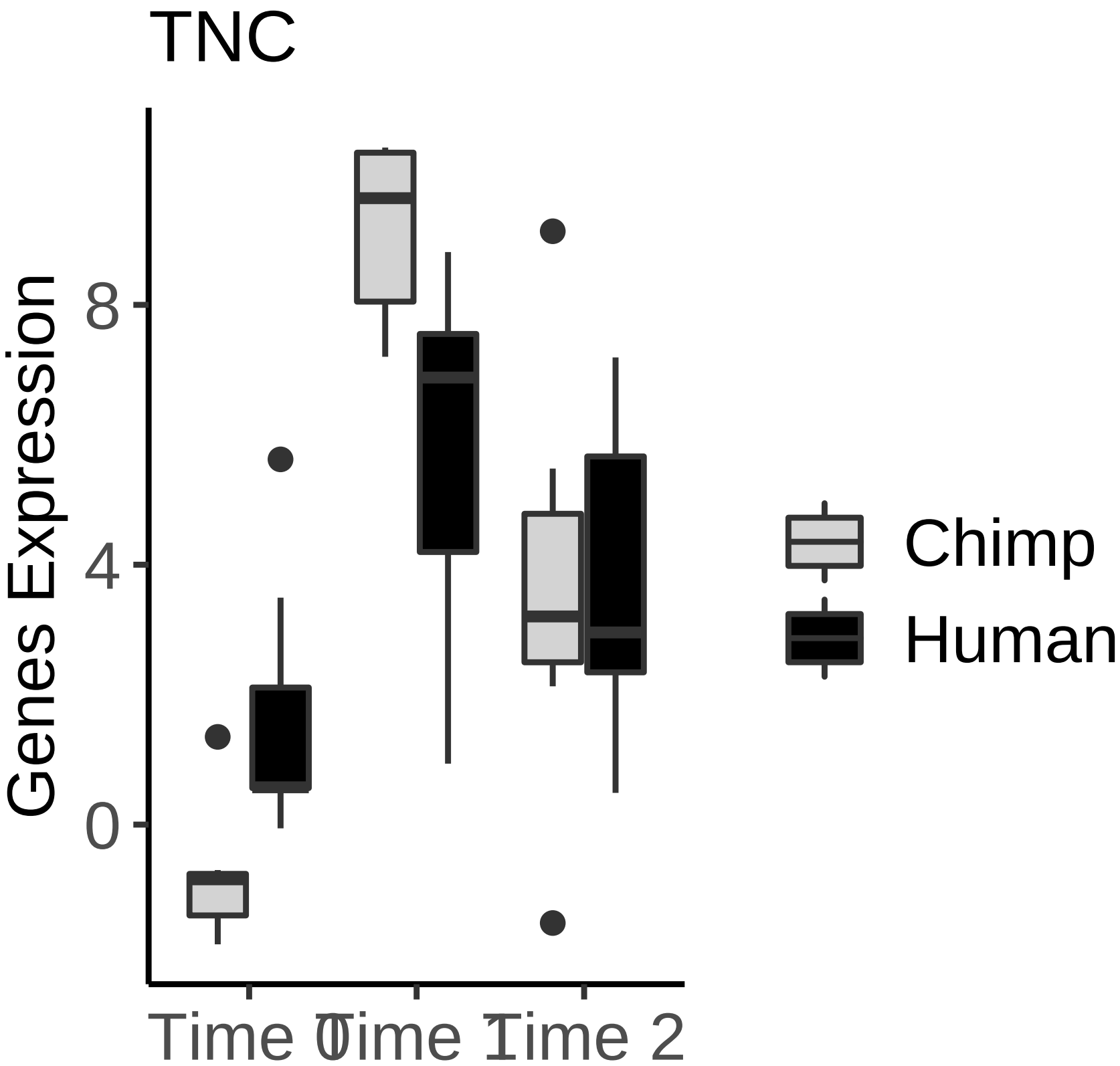

TMEM35B
Genes Expression
7
6
5
Time 0
Time 1
Time 2
Chimp
Human

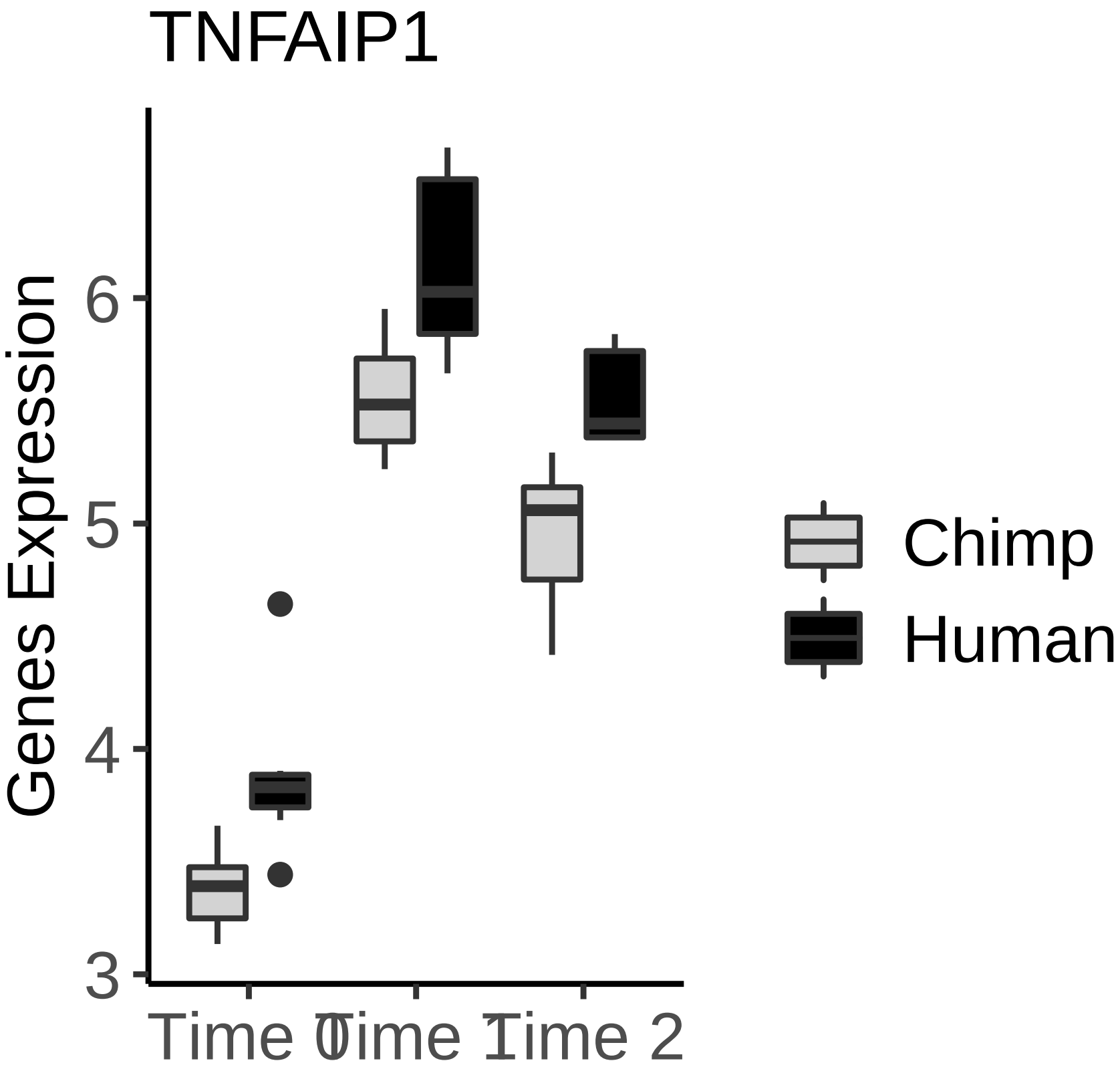

TMEM39B
Genes Expression
5
4
3
Time 0
Time 1
Time 2
Chimp
Human

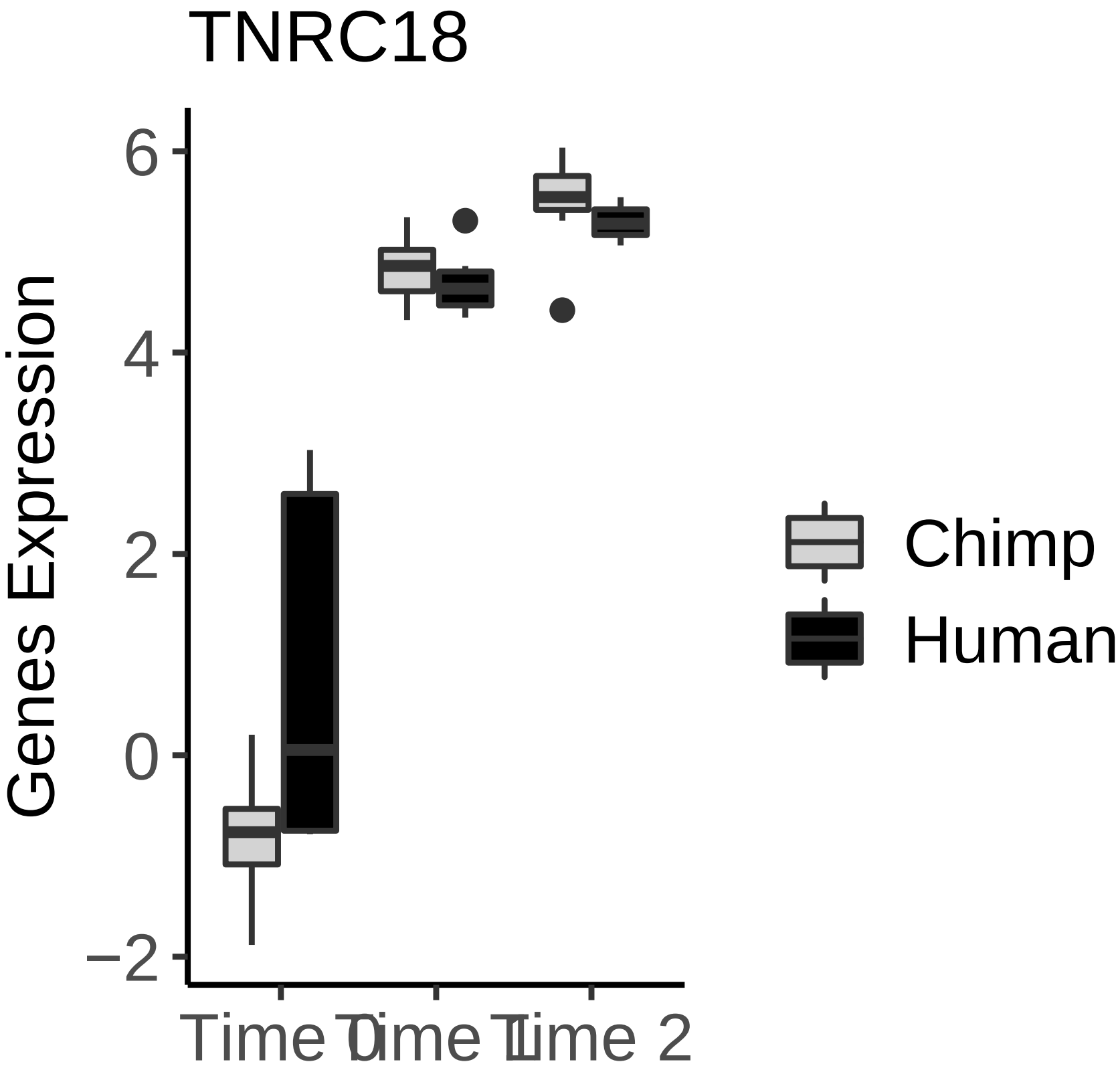

TMSB10
Genes Expression
13
12
11
10
Time 0
Time 1
Time 2
Chimp
Human

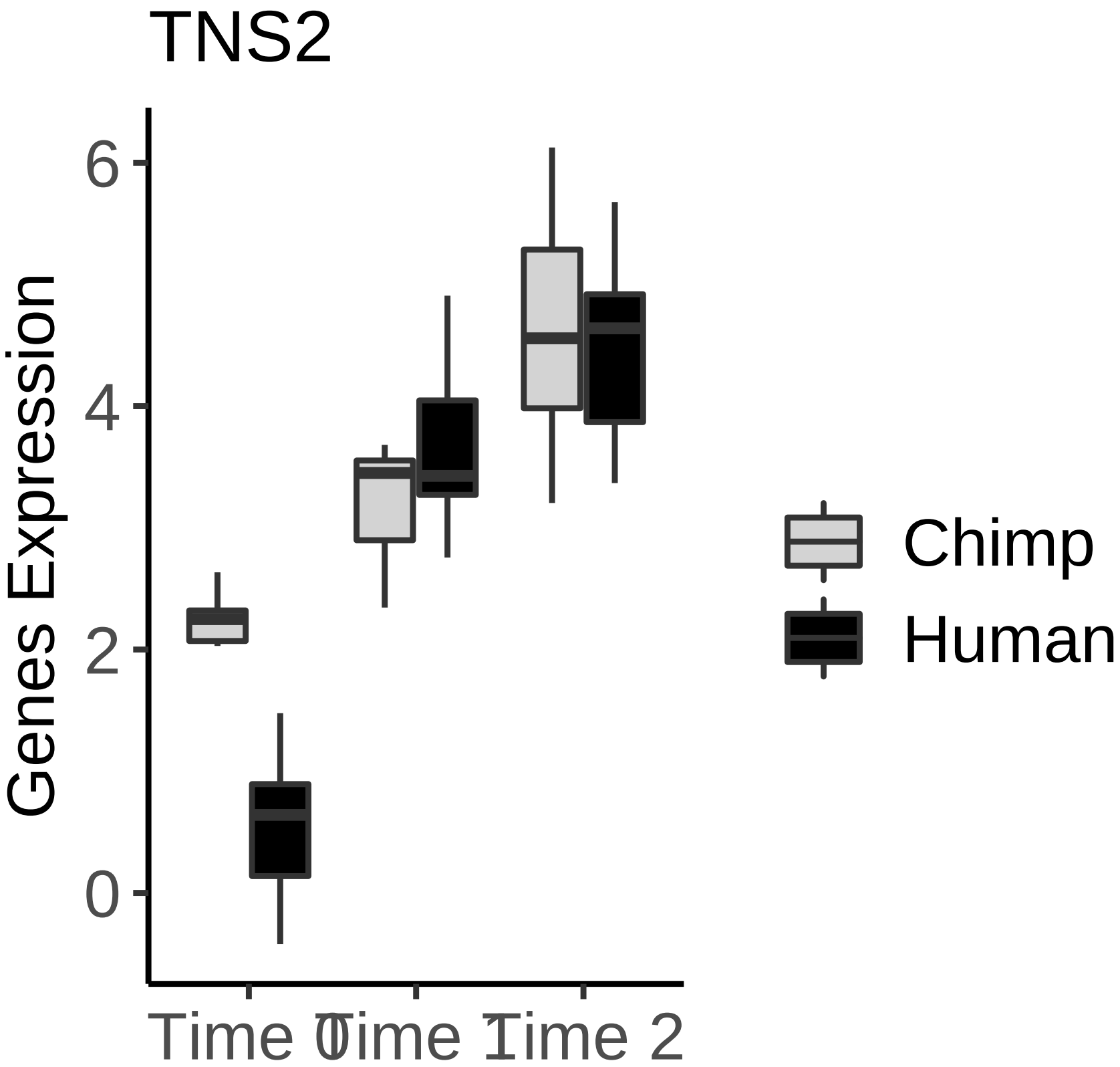

TMSB15A
Genes Expression
8
4
0
−4
Time 0
Time 1
Time 2
Chimp
Human

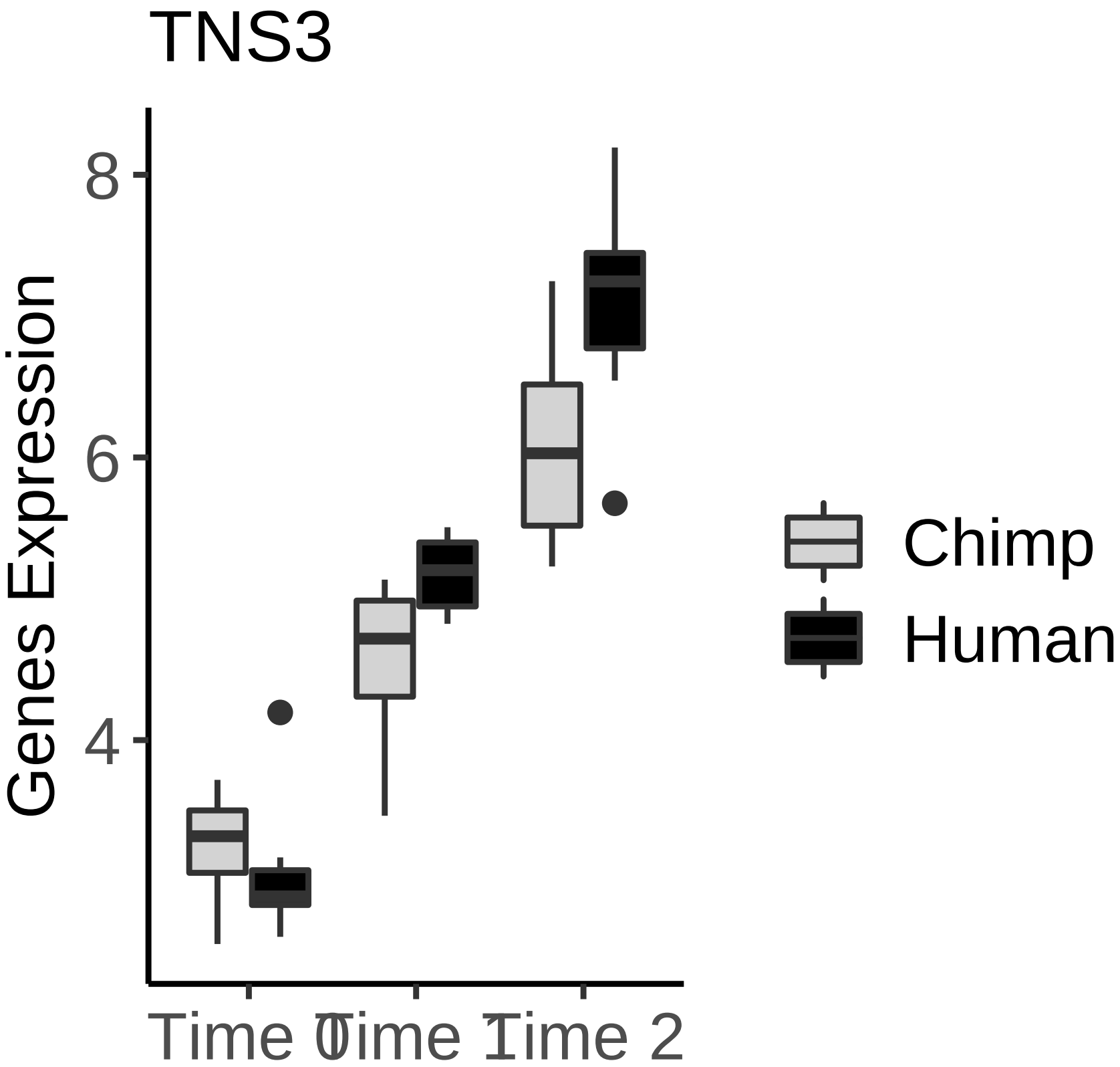

TMTC1
Genes Expression
5.0
2.5
0.0
−2.5
Time 0
Time 1
Time 2
Chimp
Human

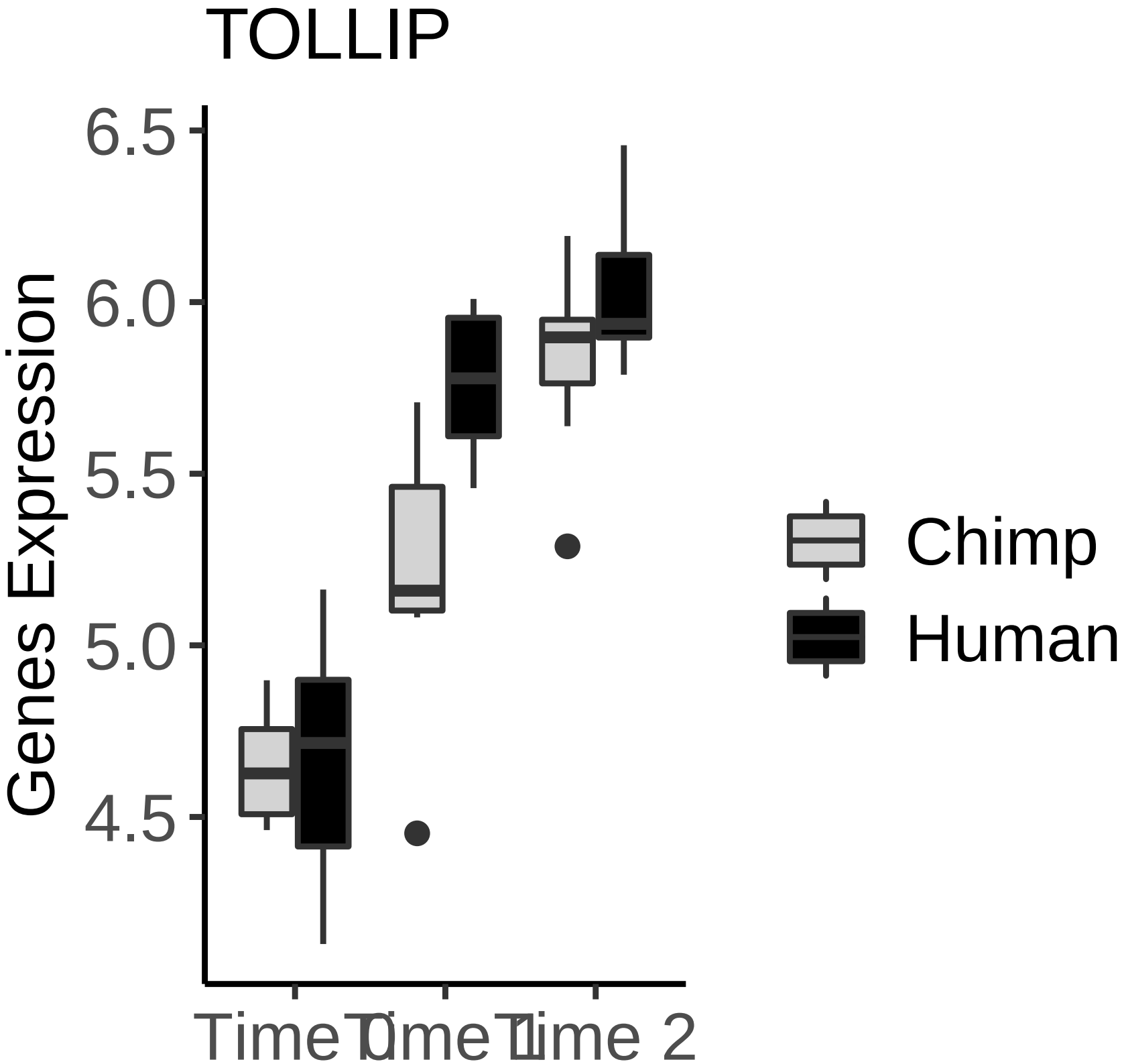

TNC
Genes Expression
8
4
0
Time 0
Time 1
Time 2
Chimp
Human

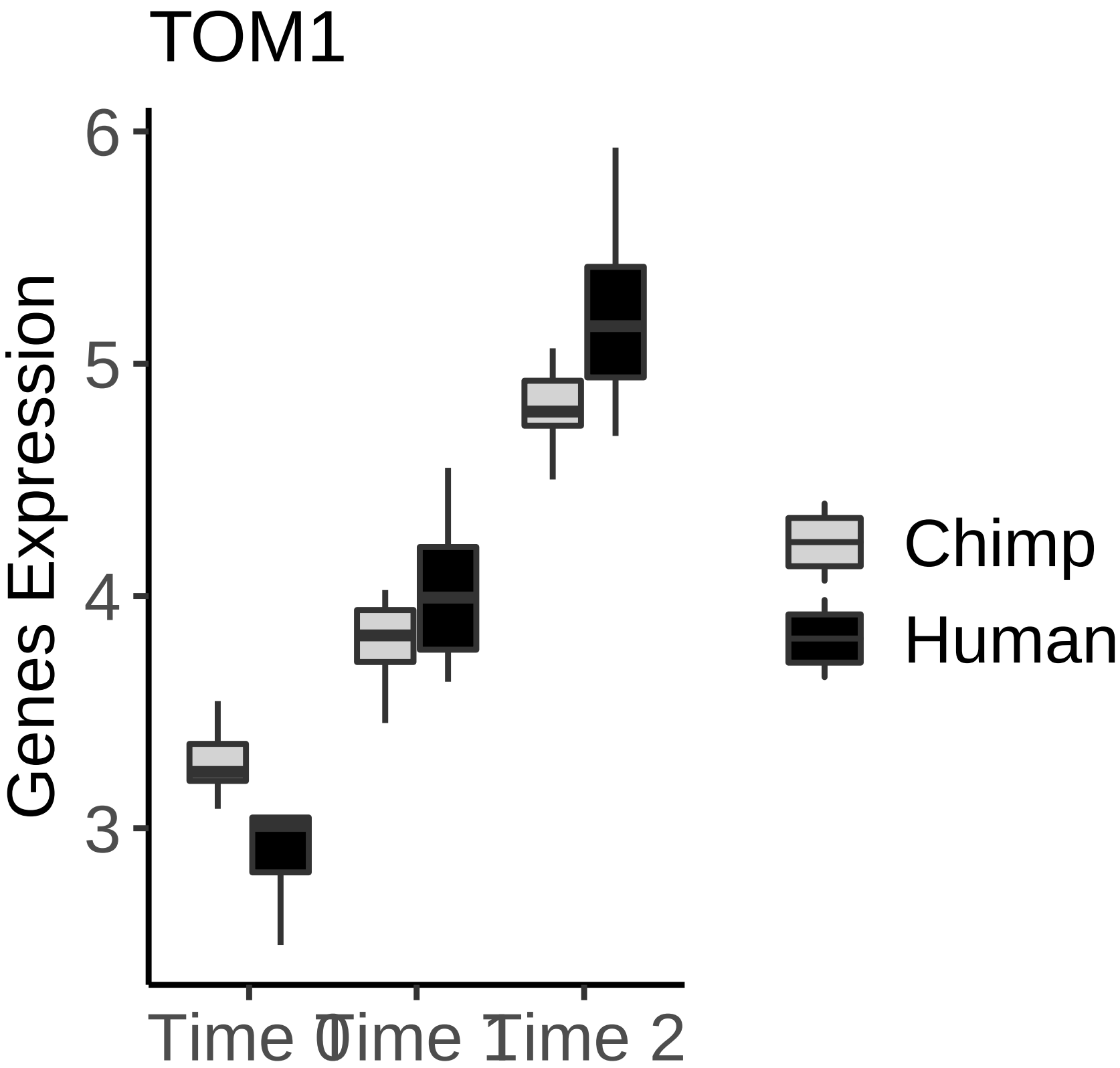

TNFAIP1
Genes Expression
6
5
4
3
Time 0
Time 1
Time 2
Chimp
Human

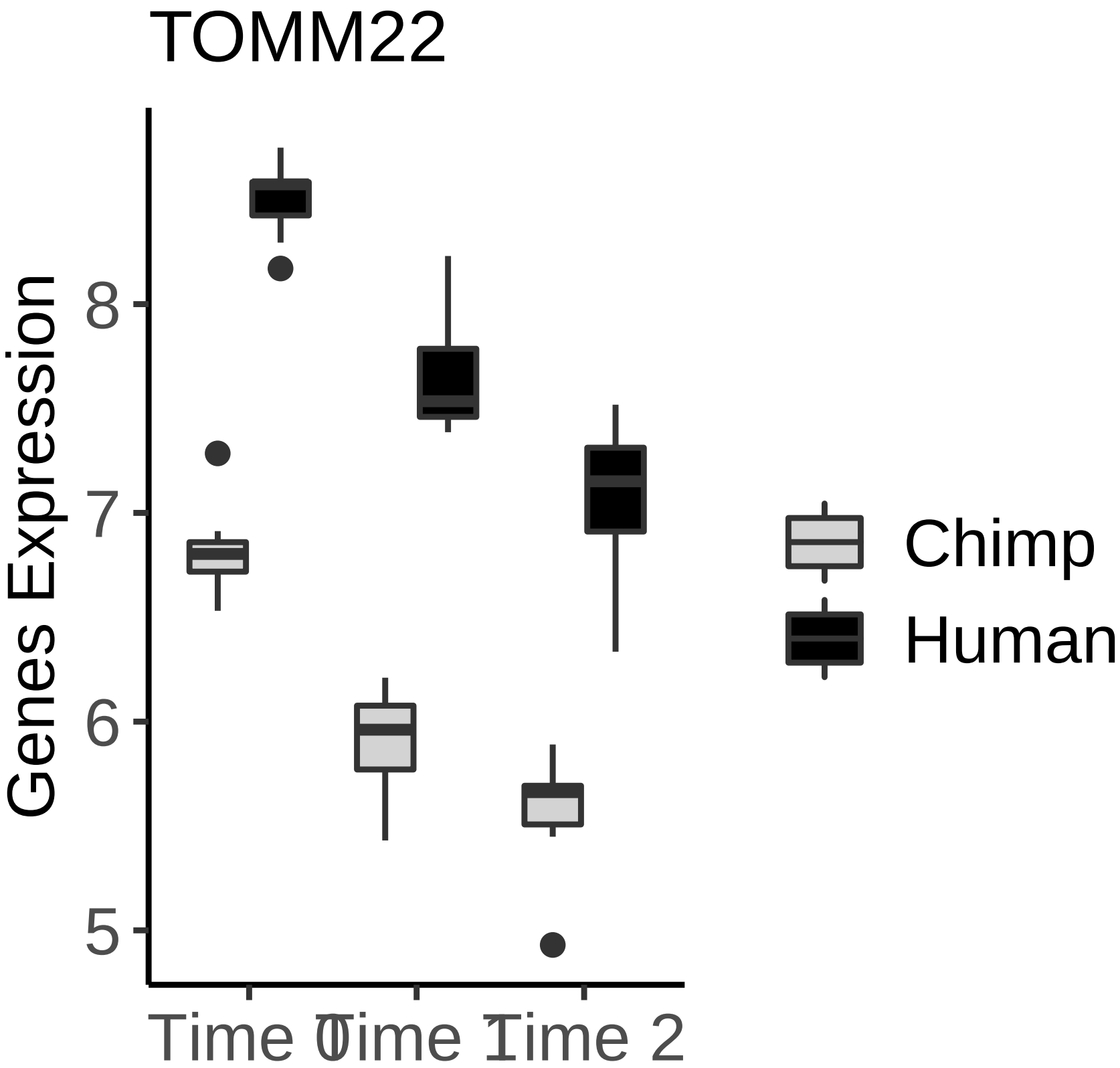

TNRC18
Genes Expression
6
4
2
0
−2
Time 0
Time 1
Time 2
Chimp
Human

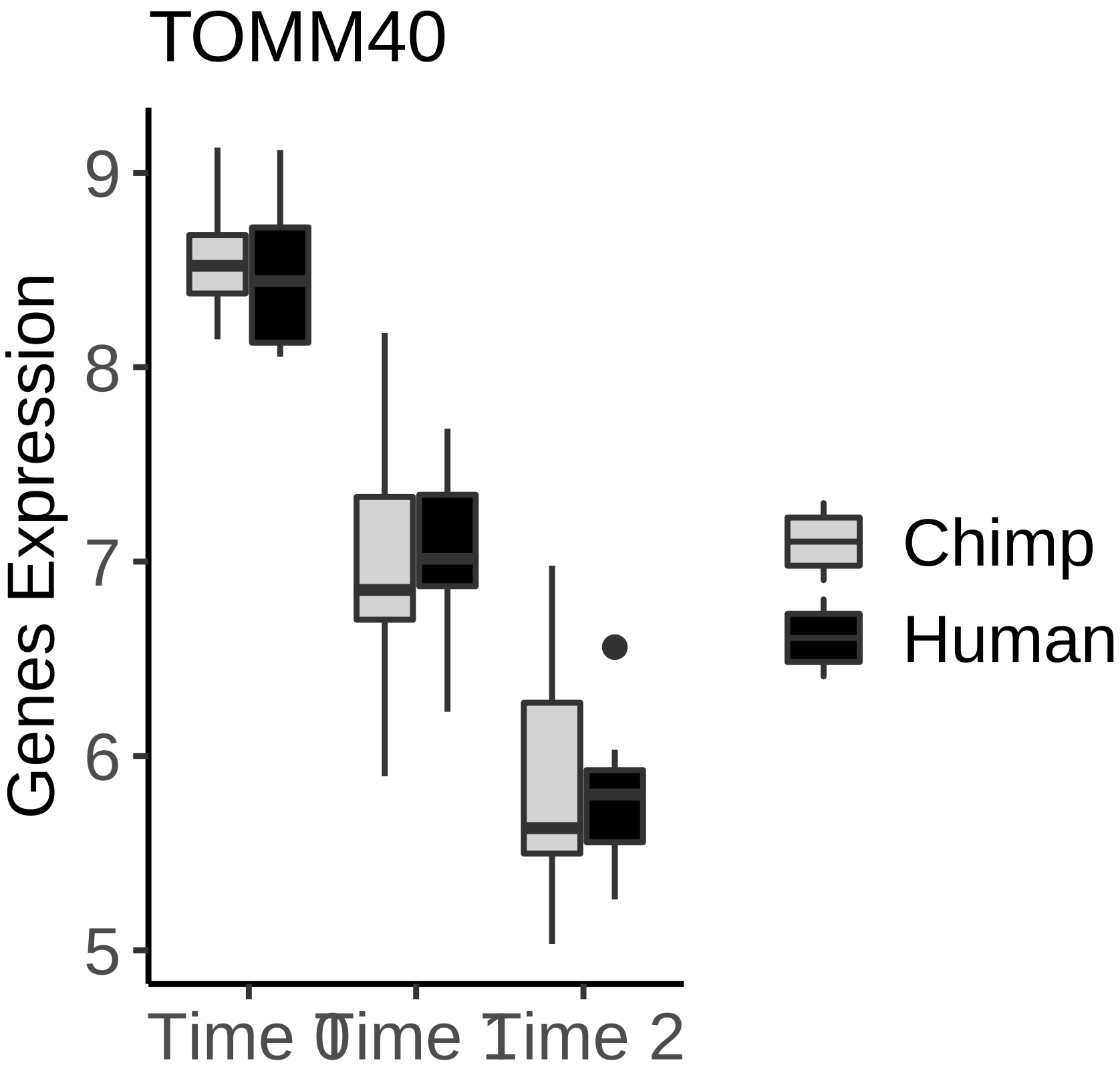

TNS2
Genes Expression
6
4
2
0
Time 0
Time 1
Time 2
Chimp
Human

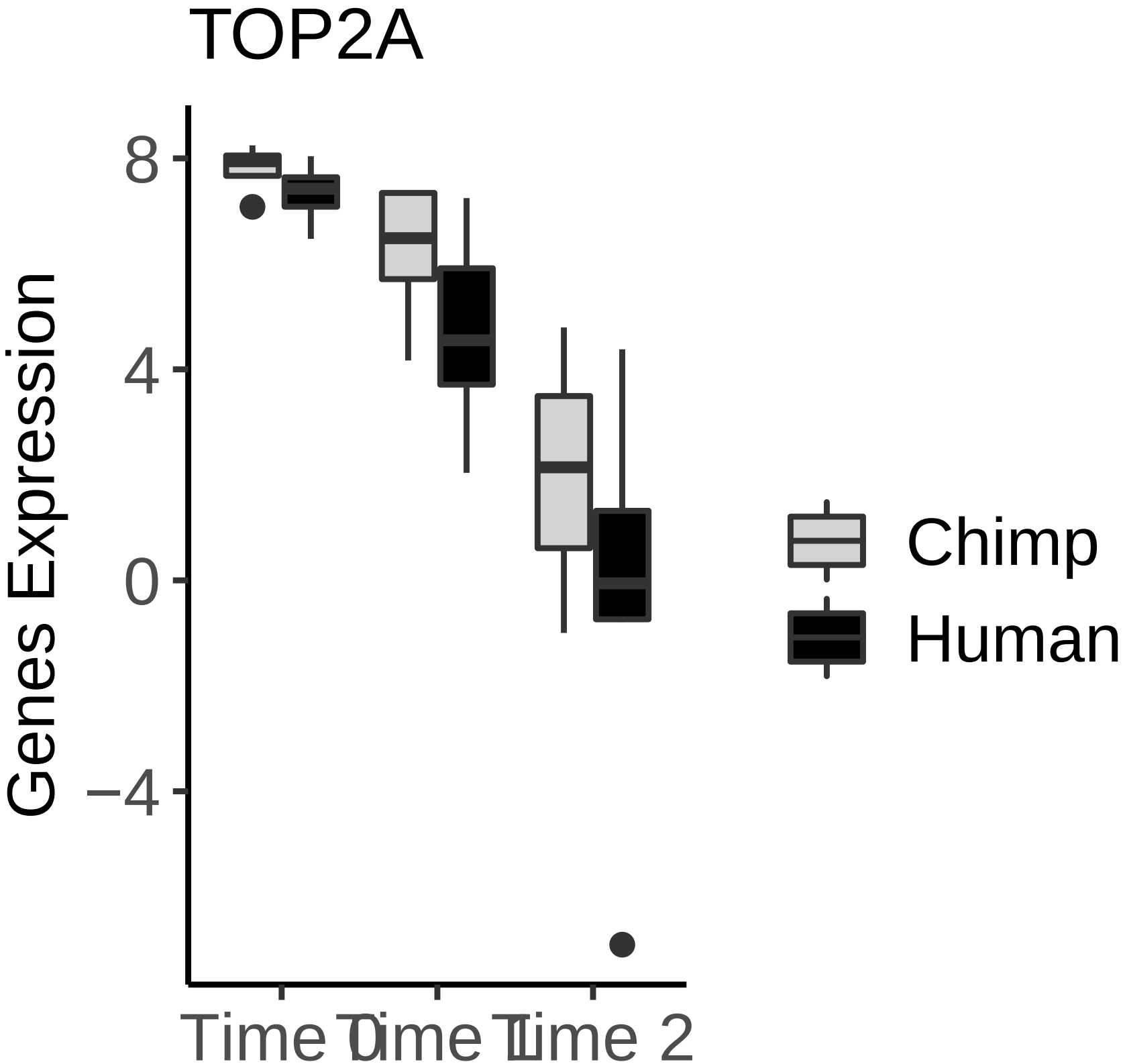

TNS3
Genes Expression
8
6
4
Time 0
Time 1
Time 2
Chimp
Human

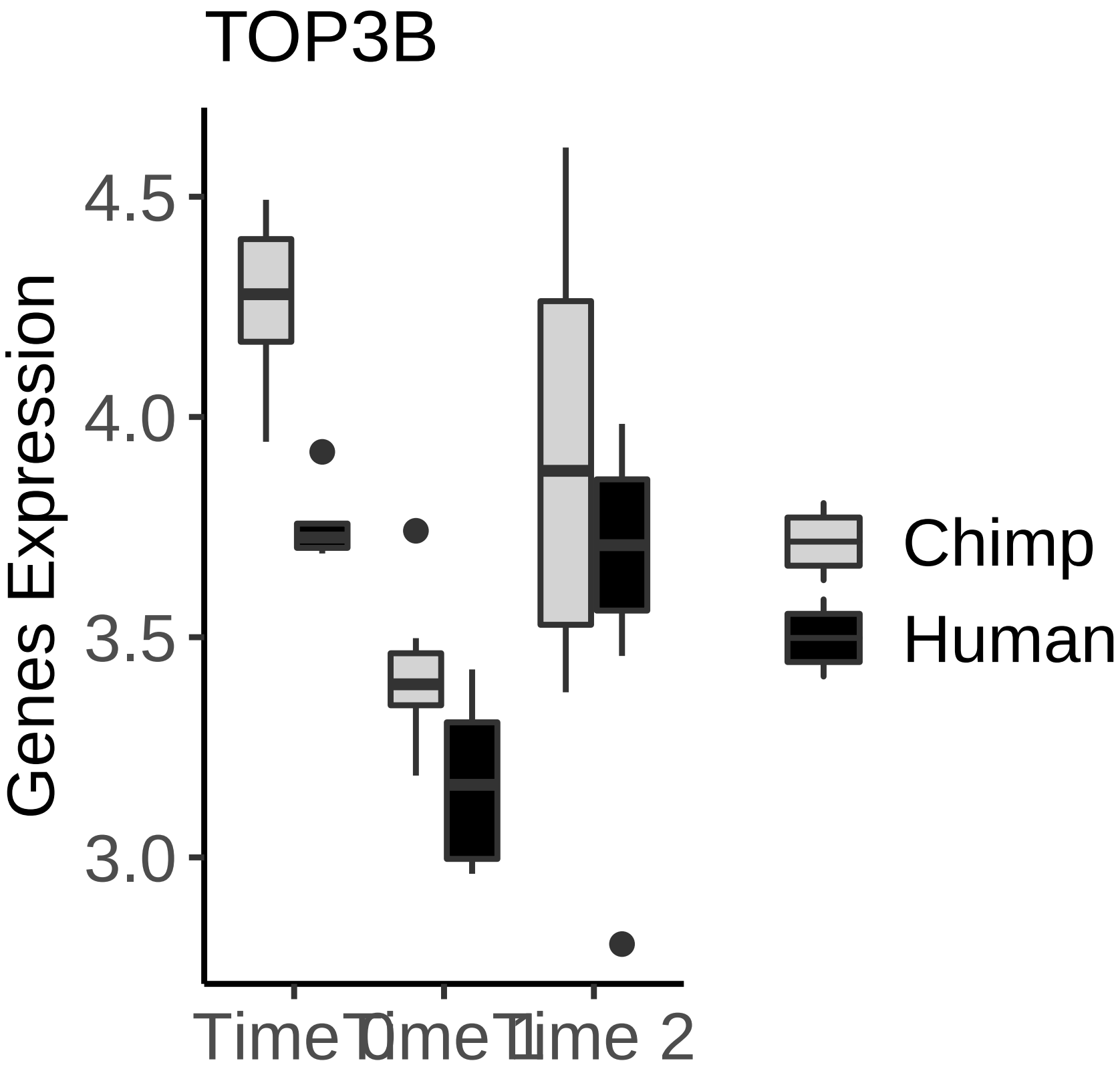

TOLLIP
Genes Expression
6.5
6.0
5.5
5.0
4.5
Time 0
Time 1
Time 2
Chimp
Human

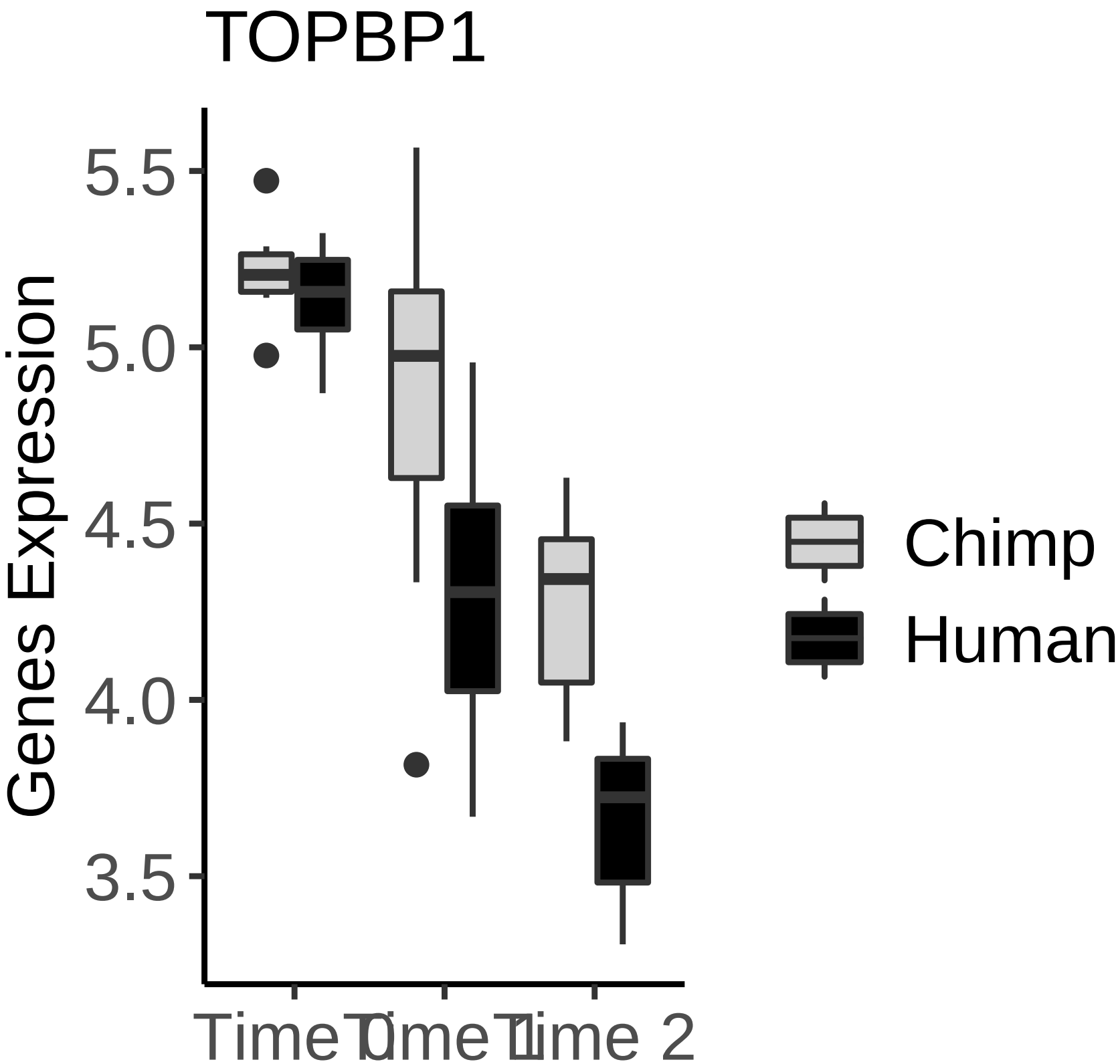

TOM1
Genes Expression
6
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


TOMM22
Genes Expression
8
7
6
5
Time 0
Time 1
Time 2
Chimp
Human


TOMM40
Genes Expression
9
8
7
6
5
Time 0
Time 1
Time 2
Chimp
Human


TOP2A
Genes Expression
8
4
0
−4
Time 0
Time 1
Time 2
Chimp
Human


TOP3B
Genes Expression
4.5
4.0
3.5
3.0
Time 0
Time 1
Time 2
Chimp
Human


TOPBP1
Genes Expression
5.5
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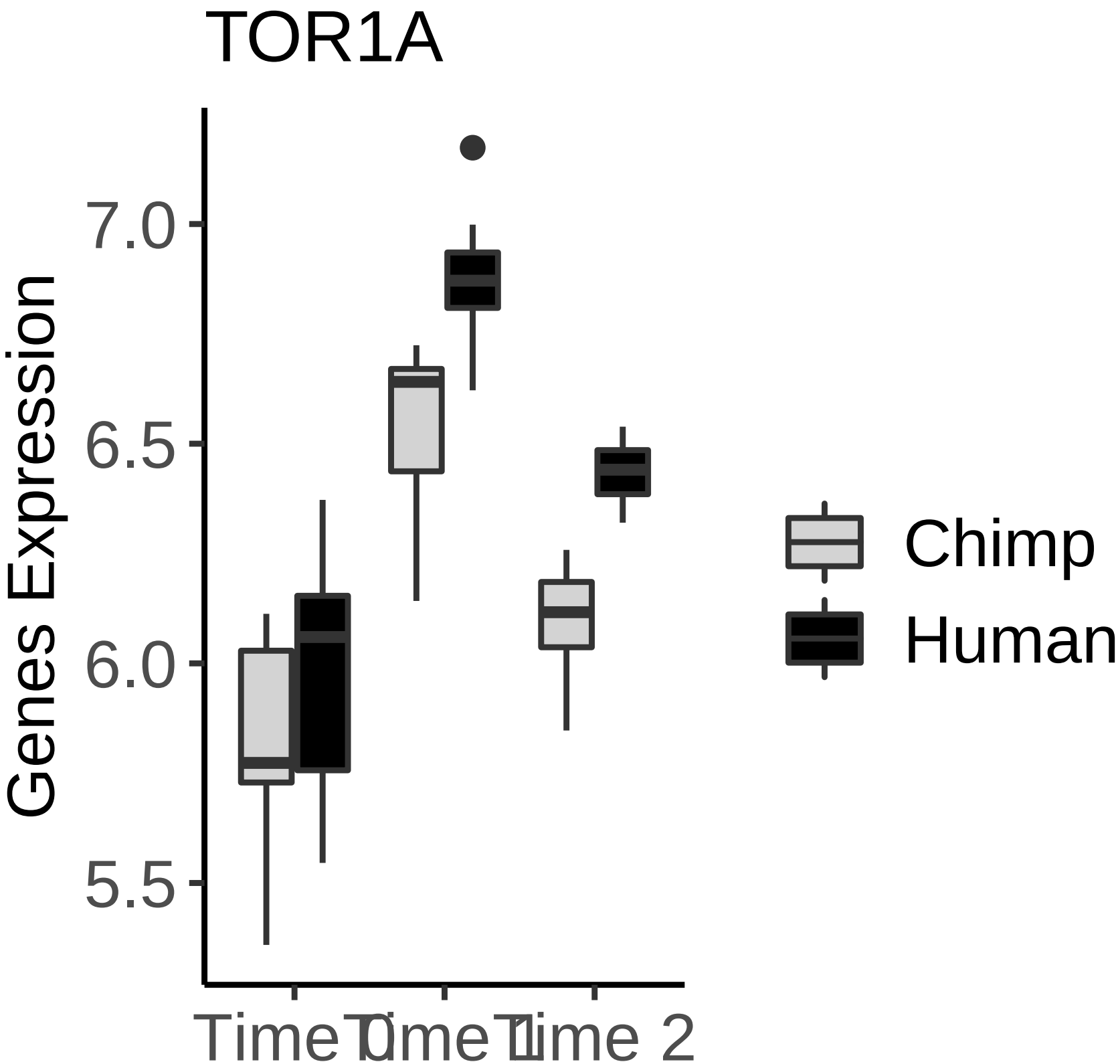
4.0
3.5
Time 0
Time 1
Time 2
Chimp
Human


TOR1A
Genes Expression
7.0
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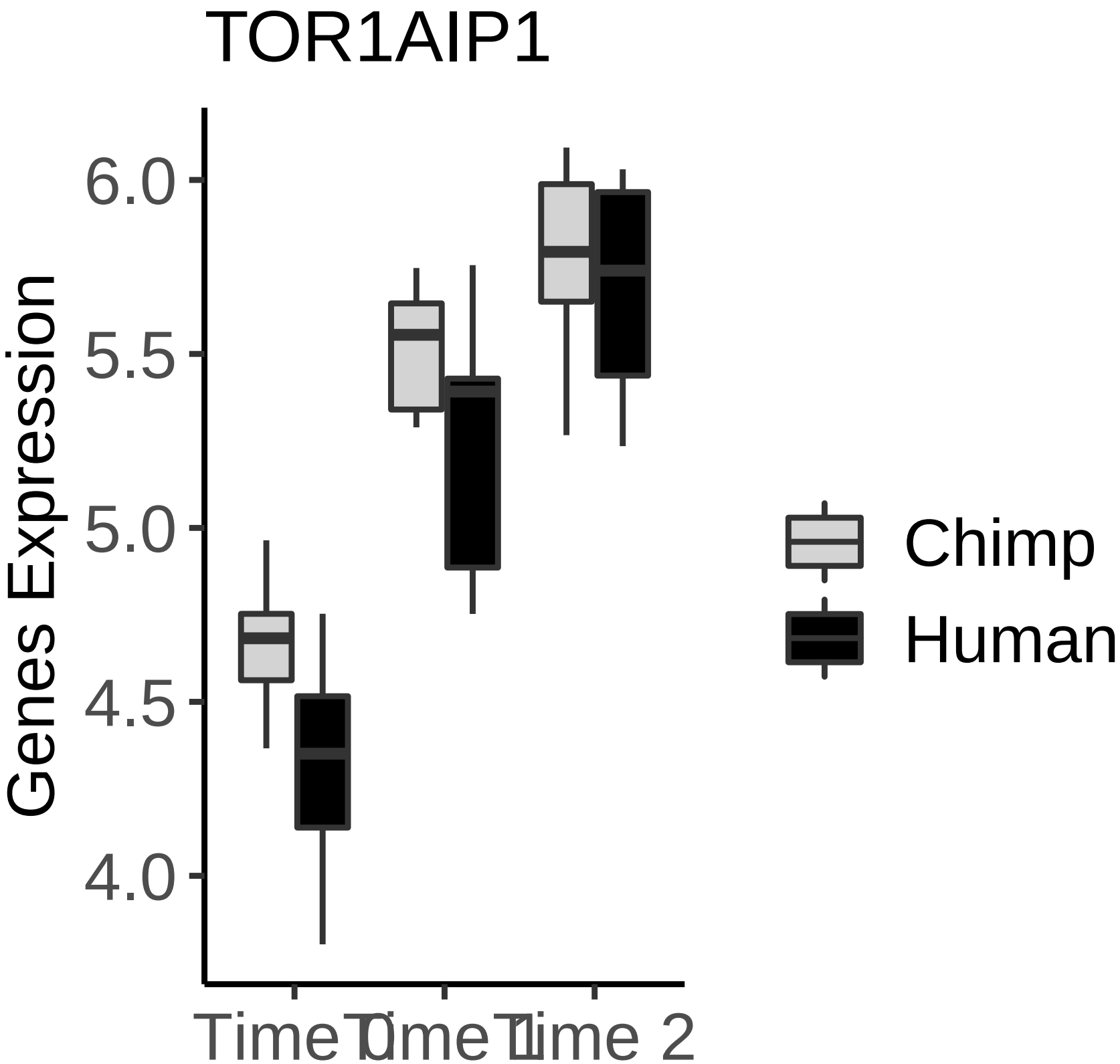
6.0
5.5
Time 0
Time 1
Time 2
Chimp
Human


TOR1AIP1
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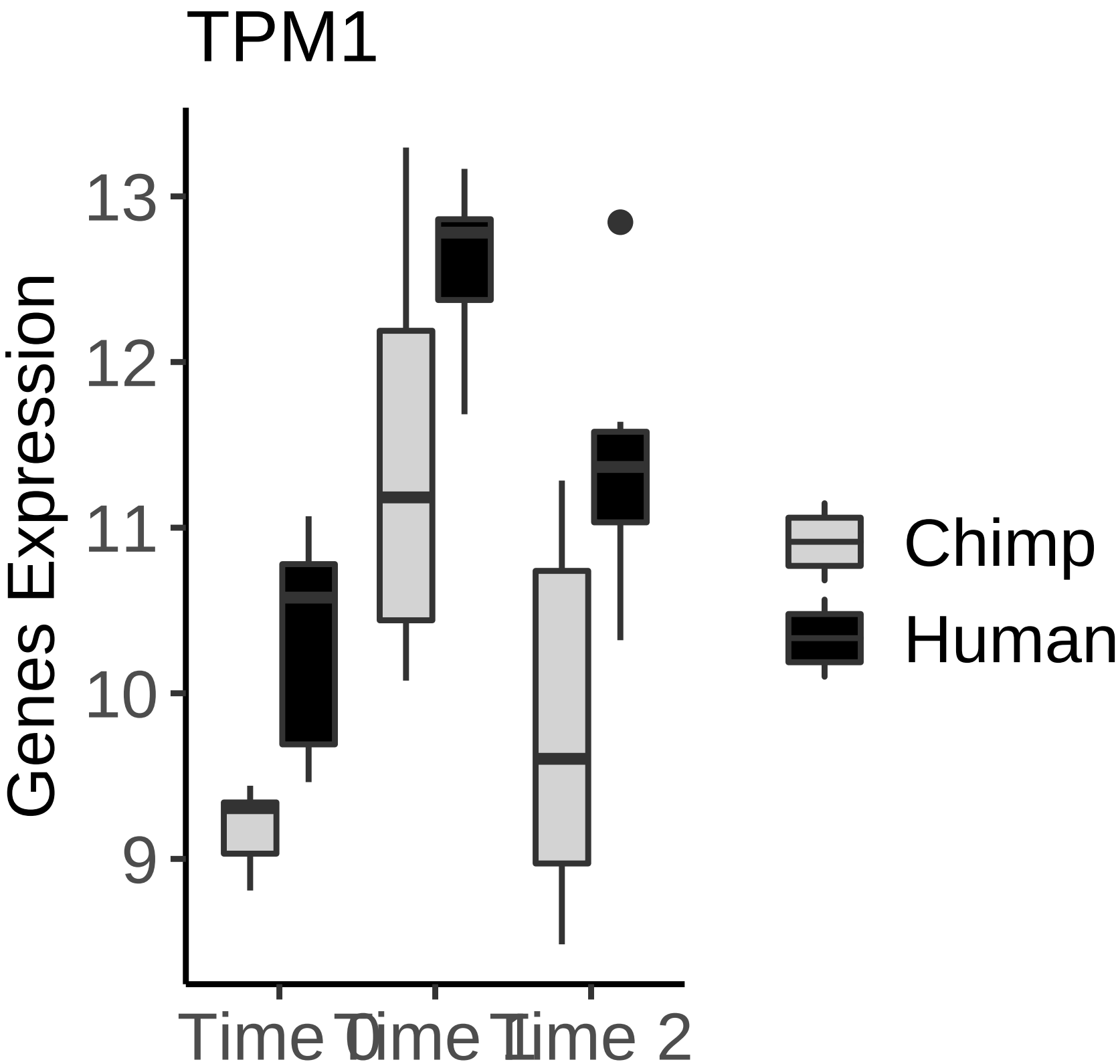
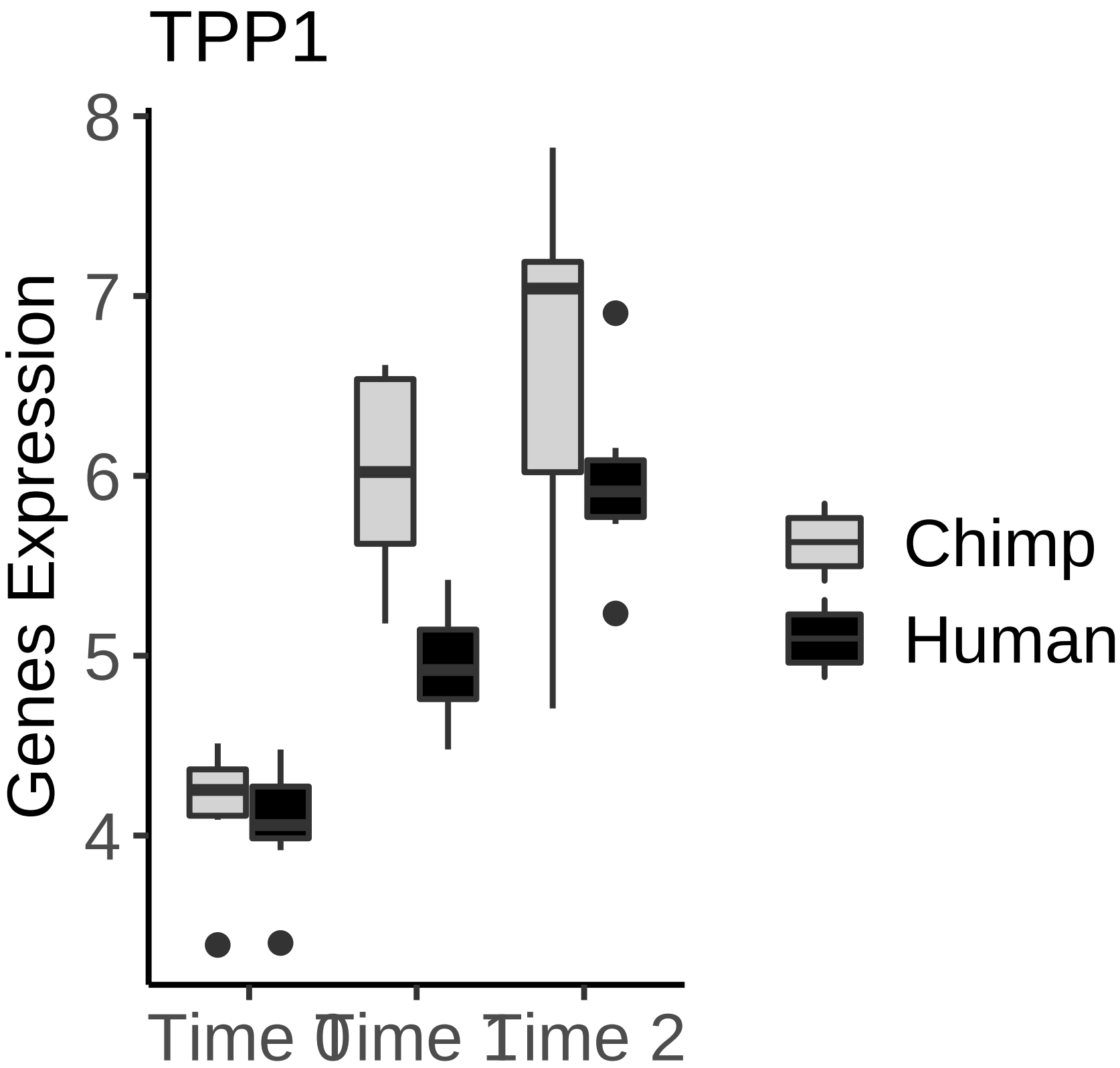
5.0
4.5
4.0
Time 0
Time 1
Time 2
Chimp
Human


TPM1
Genes Expression
13
12
11
10
9
Time 0
Time 1
Time 2
Chimp
Human


TPP1
Genes Expression
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4
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Time 1
Time 2
Chimp
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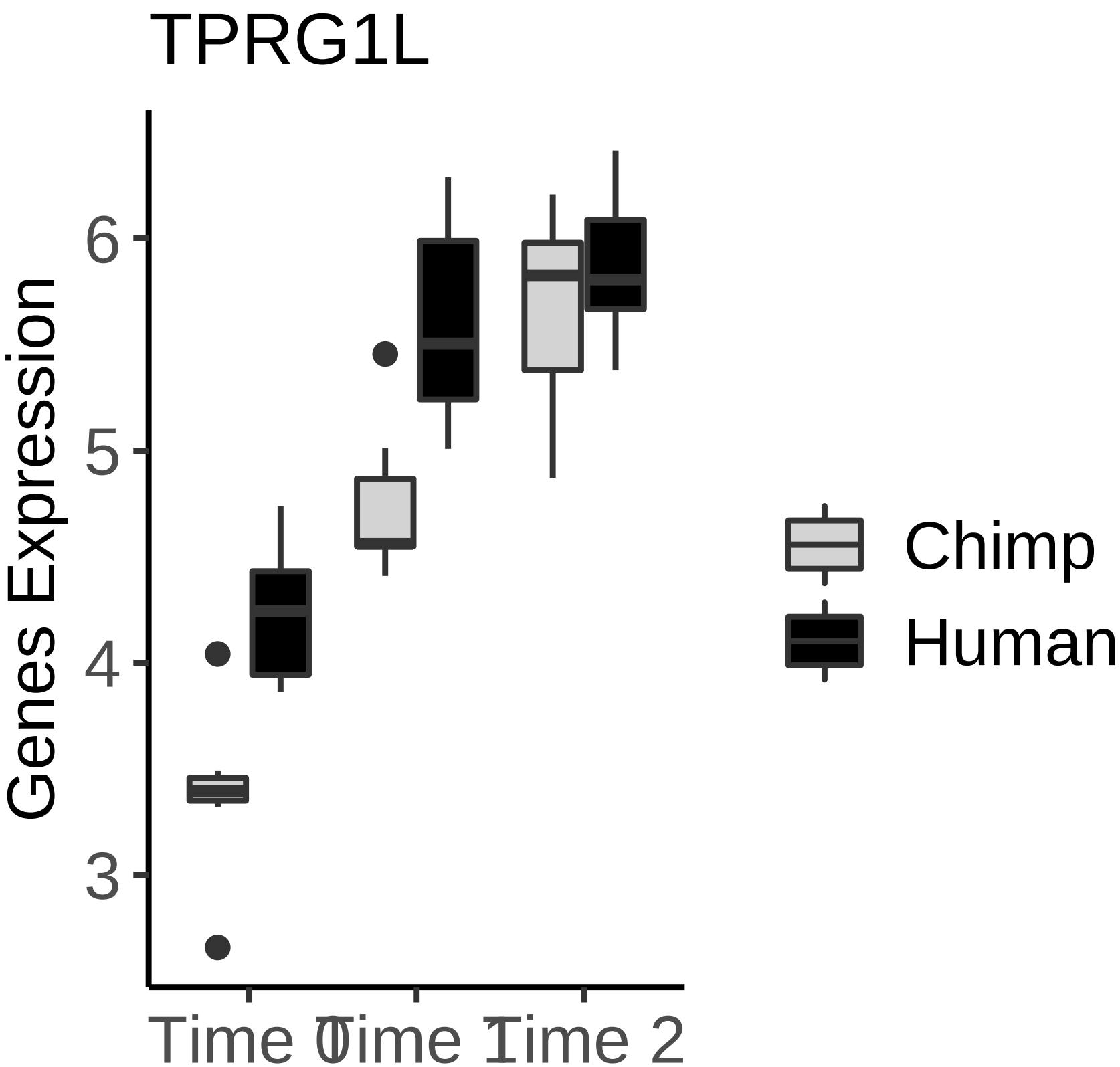
TPRG1L
Genes Expression
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3
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Time 2
Chimp
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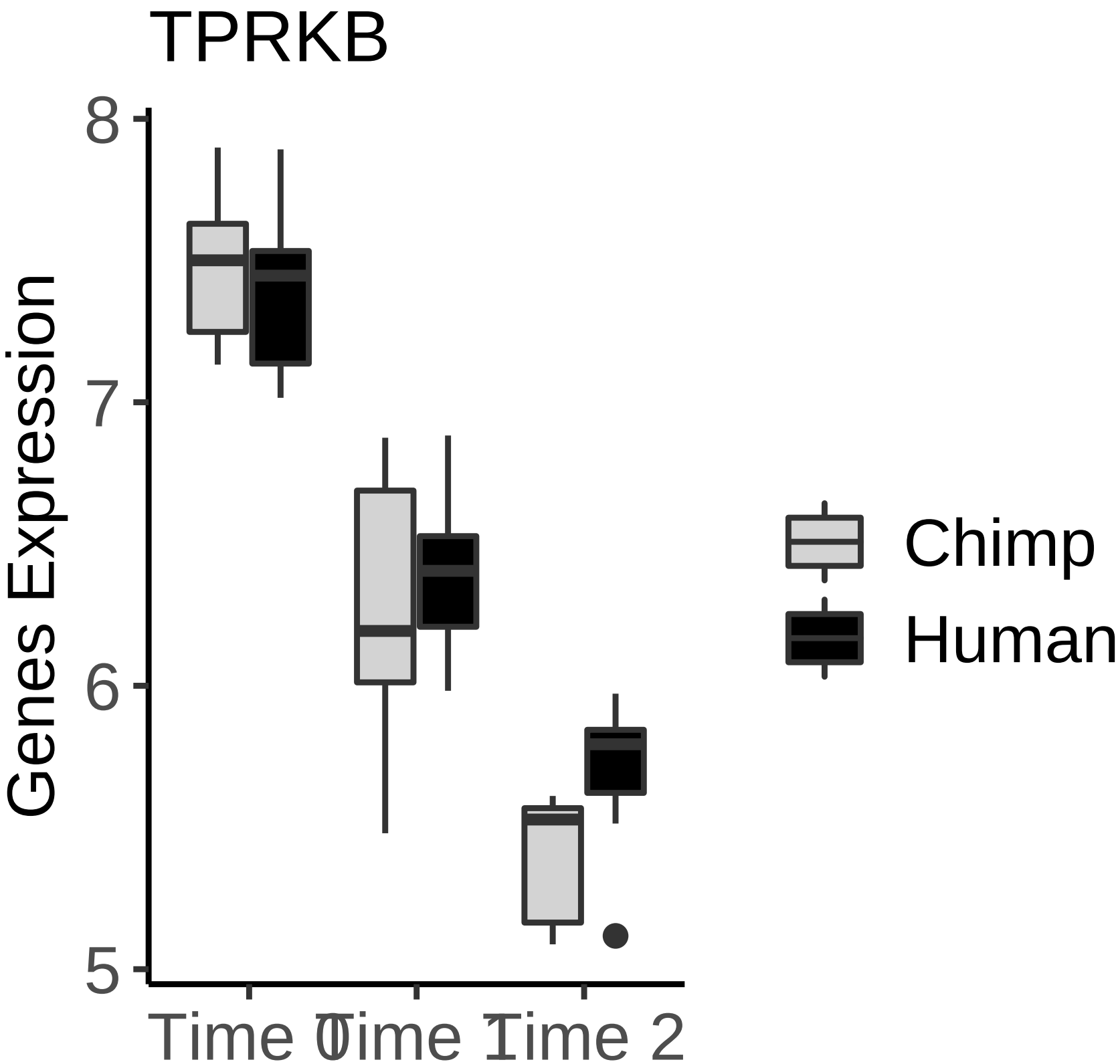
TPRKB
Genes Expression
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6
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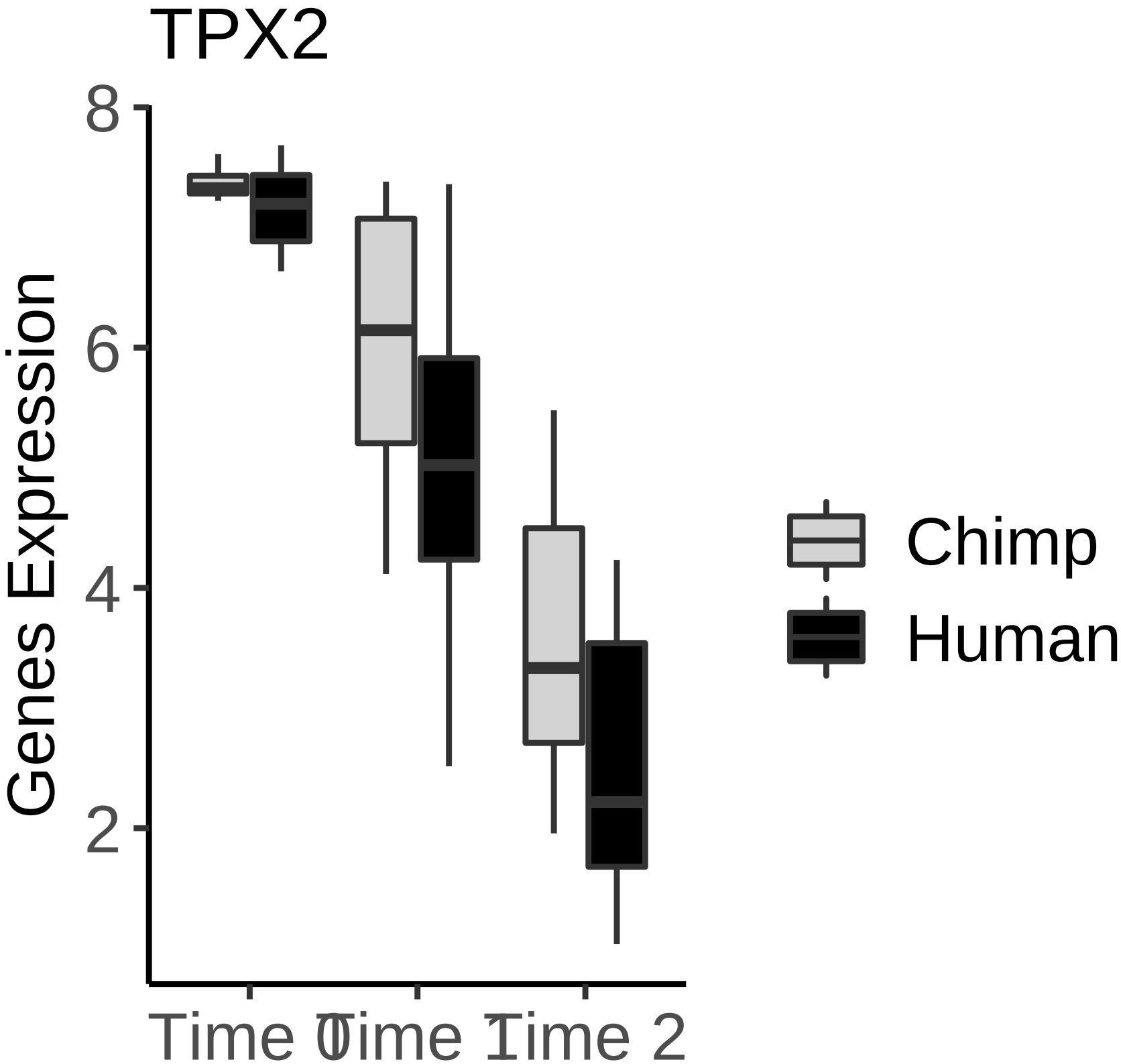
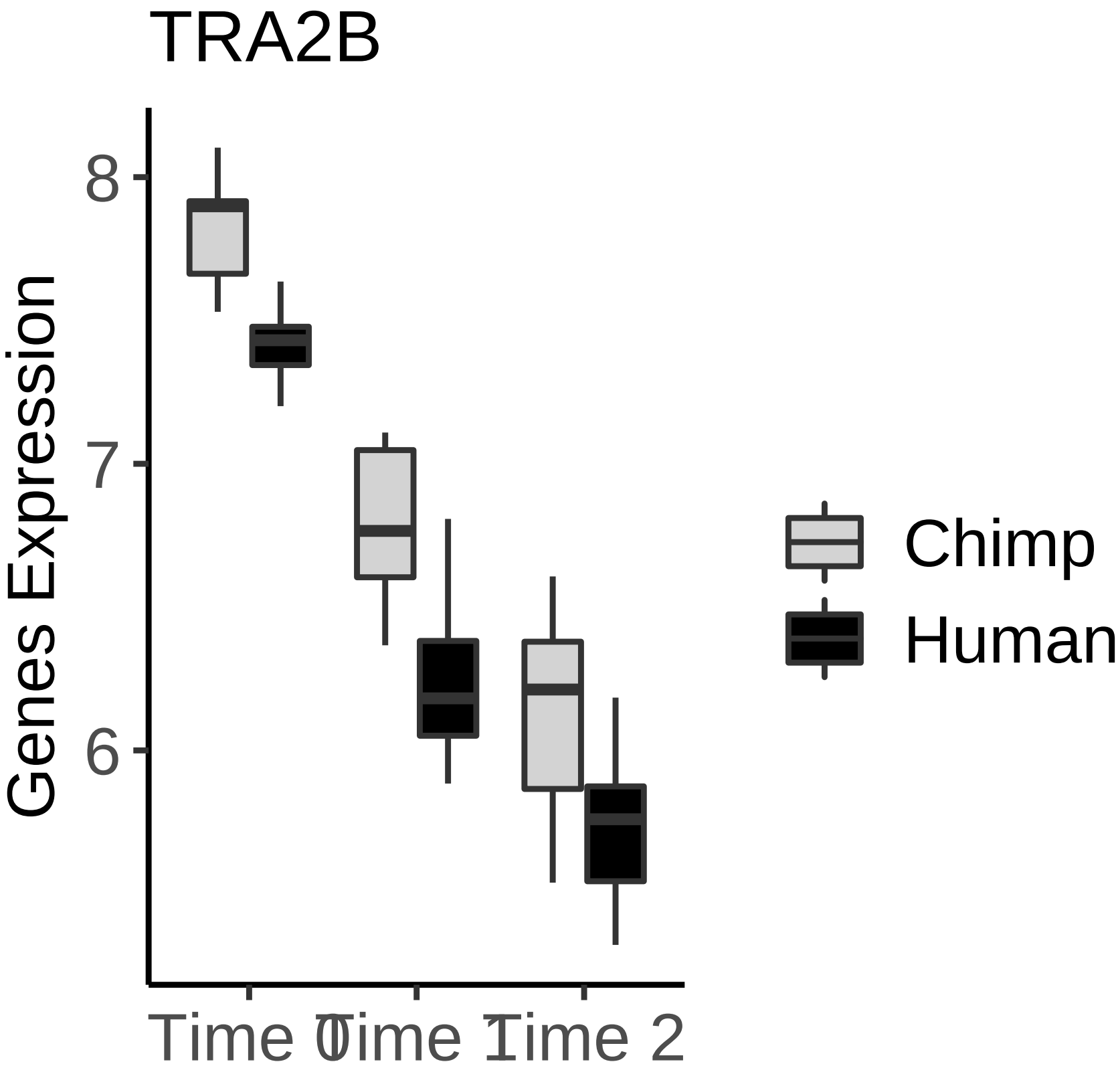
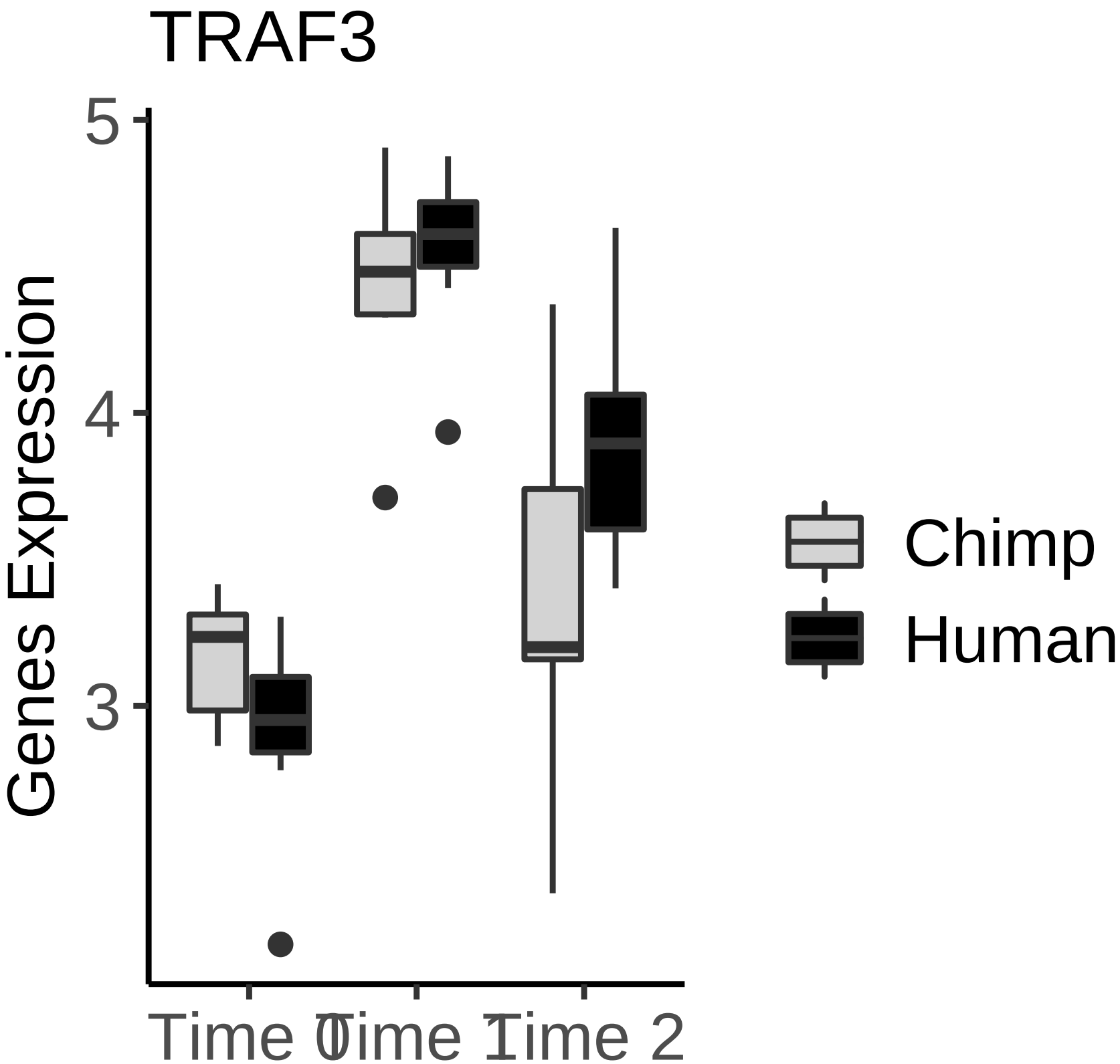
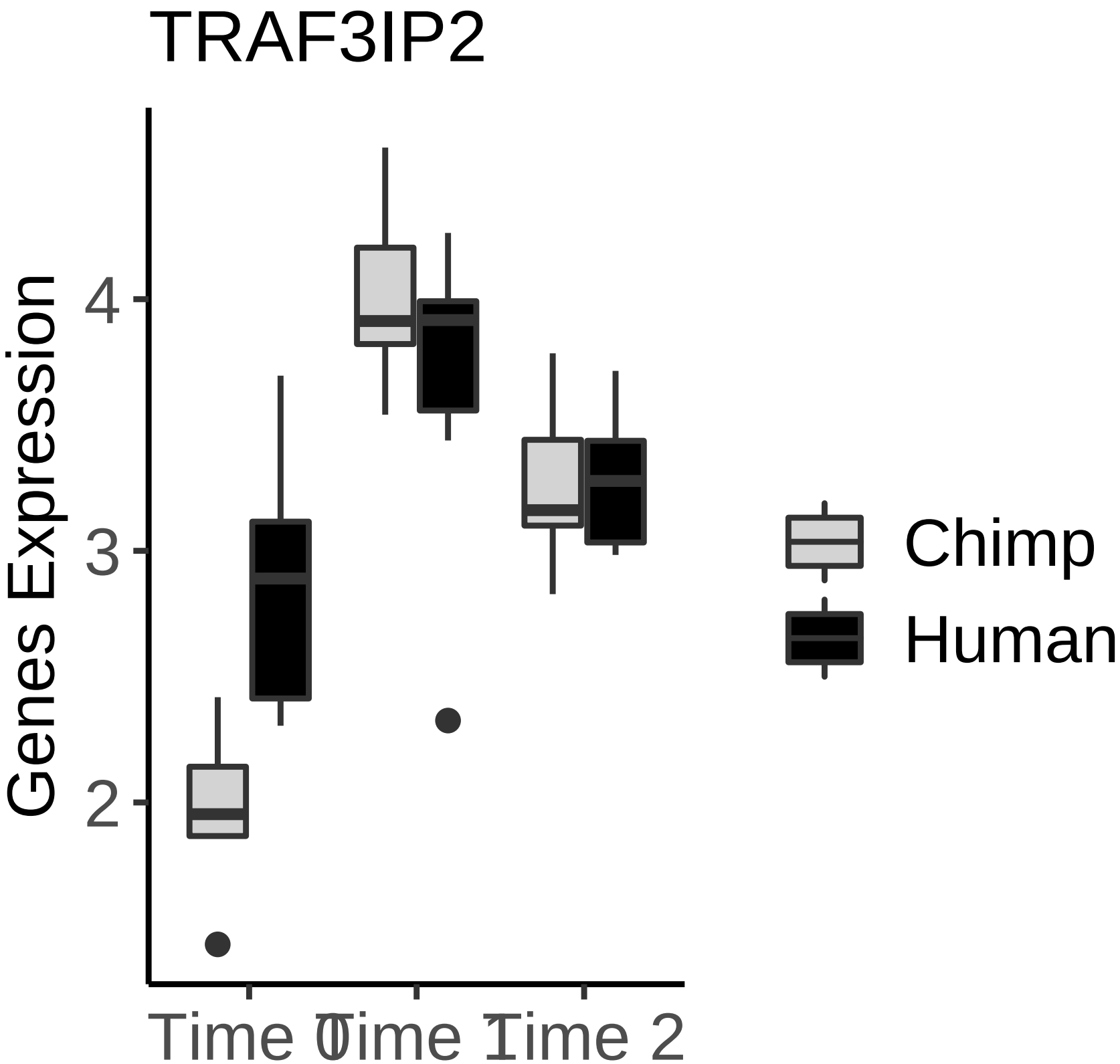
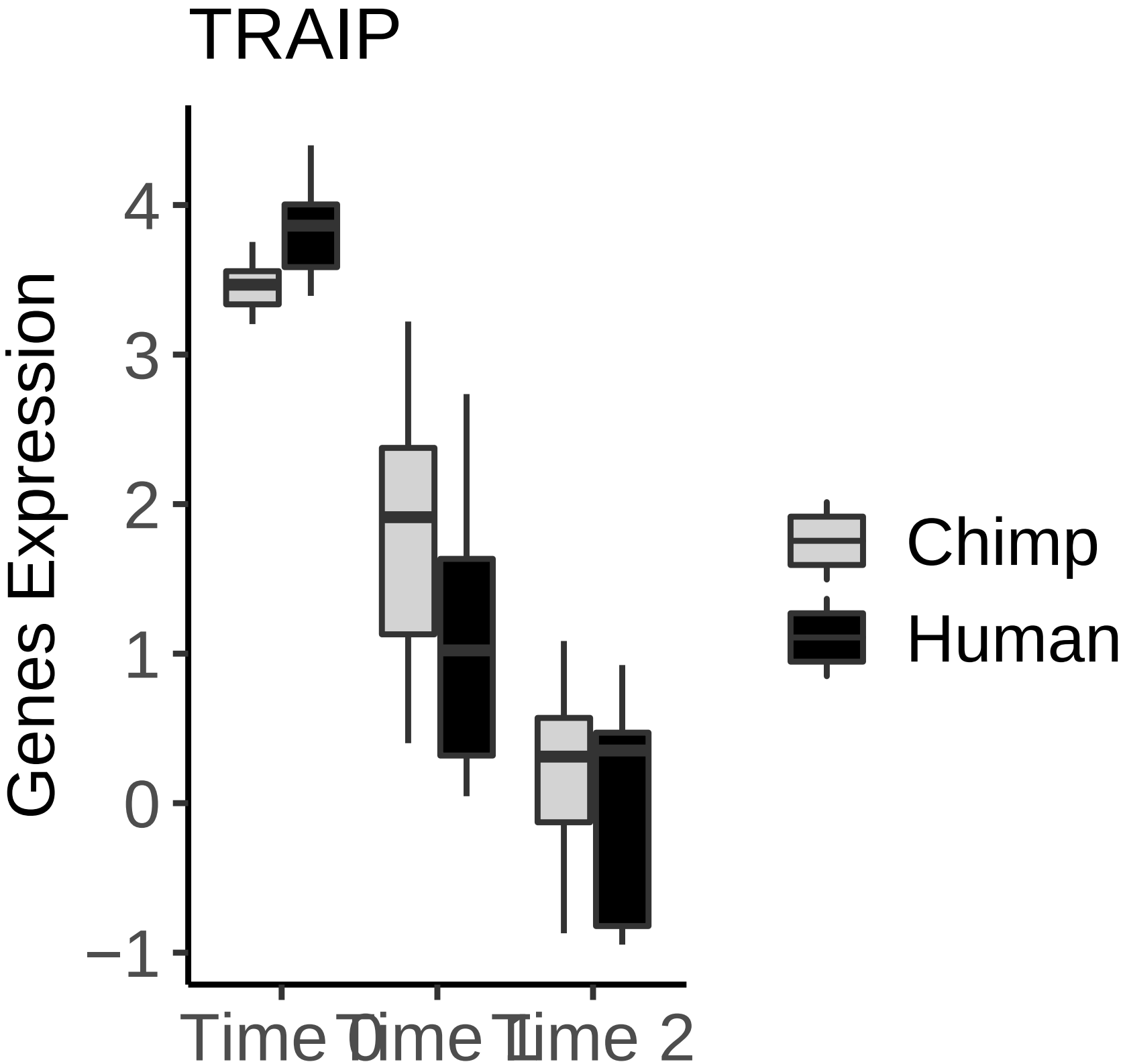
Time 0
Time 1
Time 2
Chimp
Human


TPX2
Genes Expression
8
6
4
2
Time 0
Time 1
Time 2
Chimp
Human


TRA2B
Genes Expression
8
7
6
Time 0
Time 1
Time 2
Chimp
Human


TRAF3
Genes Expression
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


TRAF3IP2
Genes Expression
4
3
2
Time 0
Time 1
Time 2
Chimp
Human


TRAIP
Genes Expression
4
3
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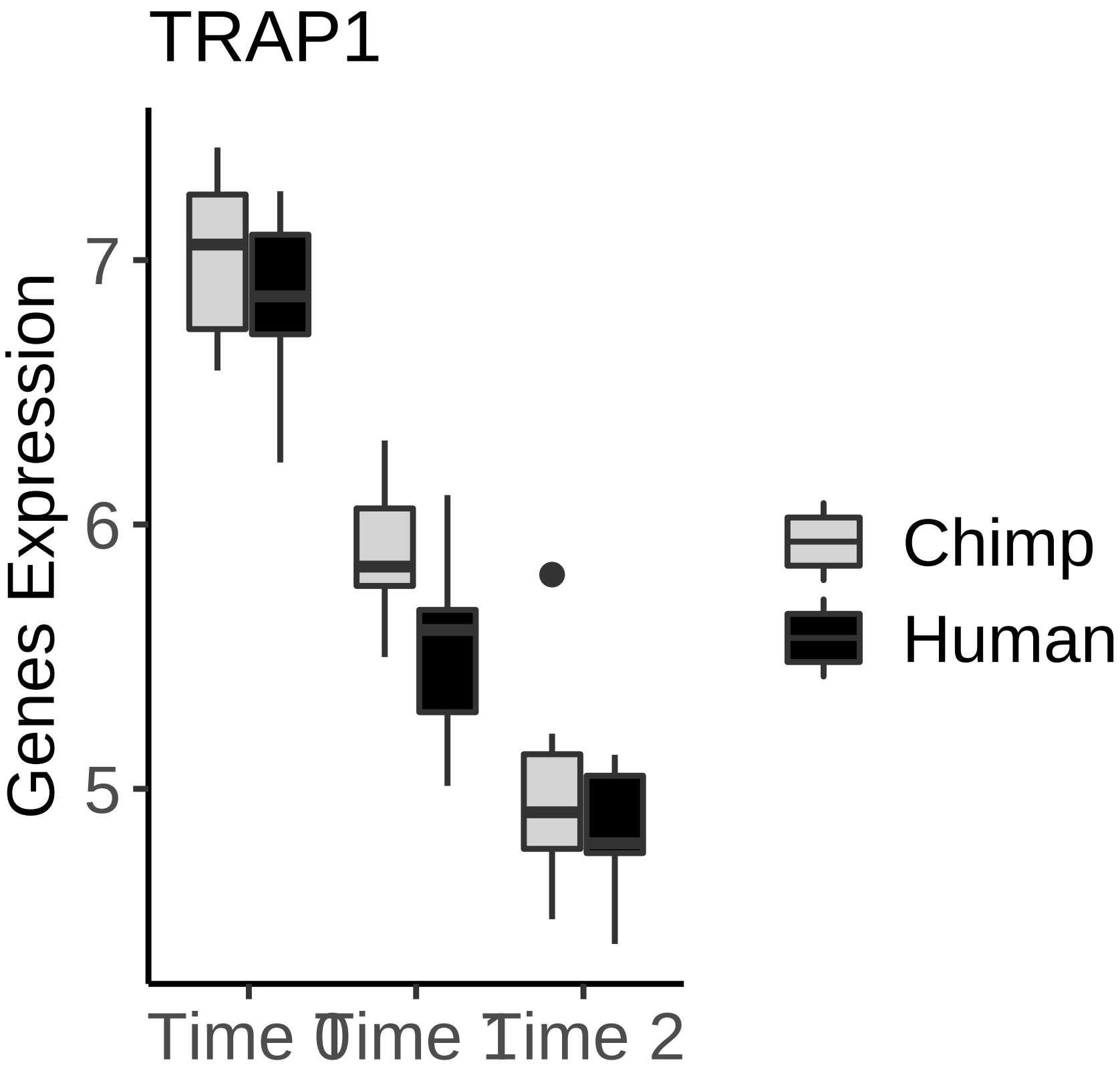
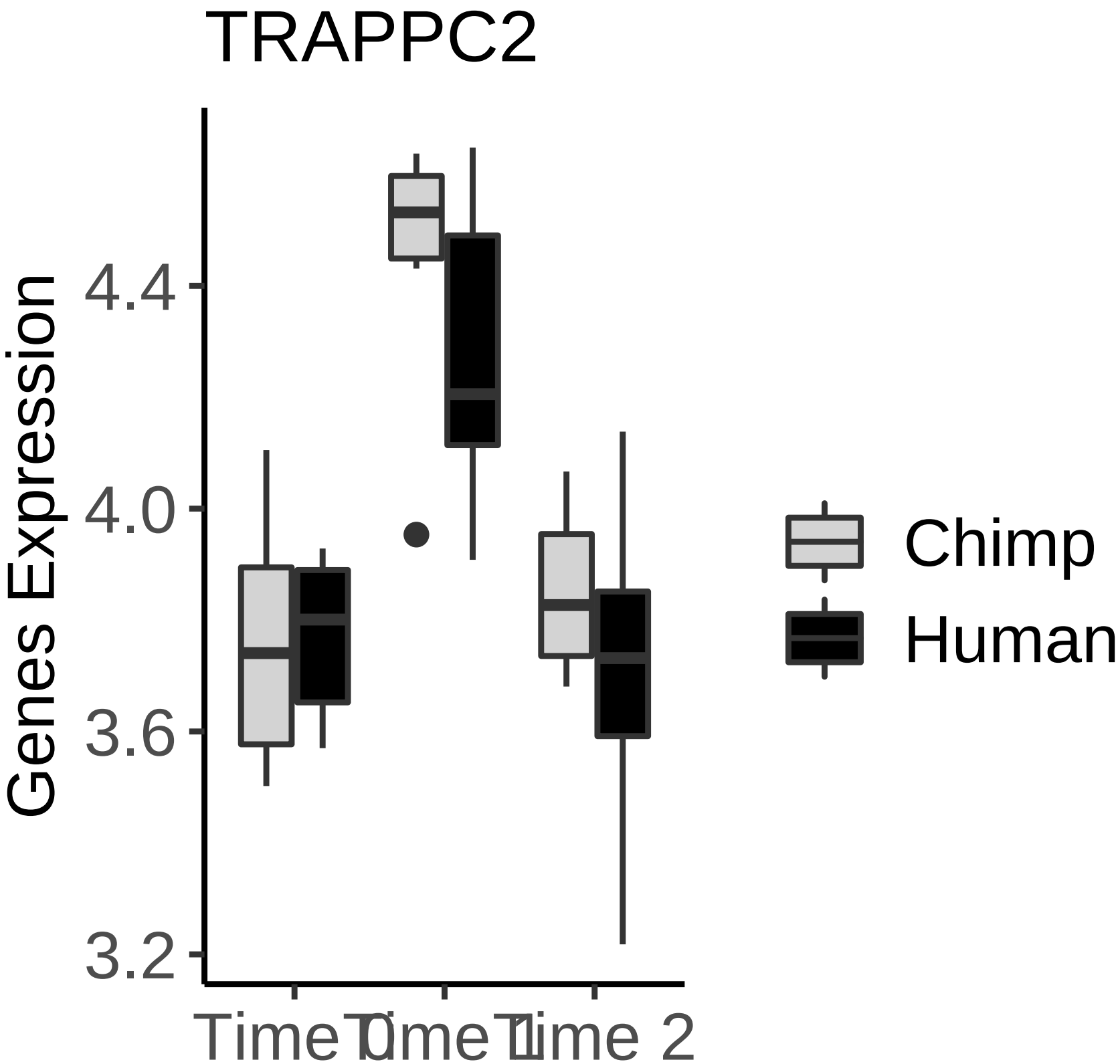
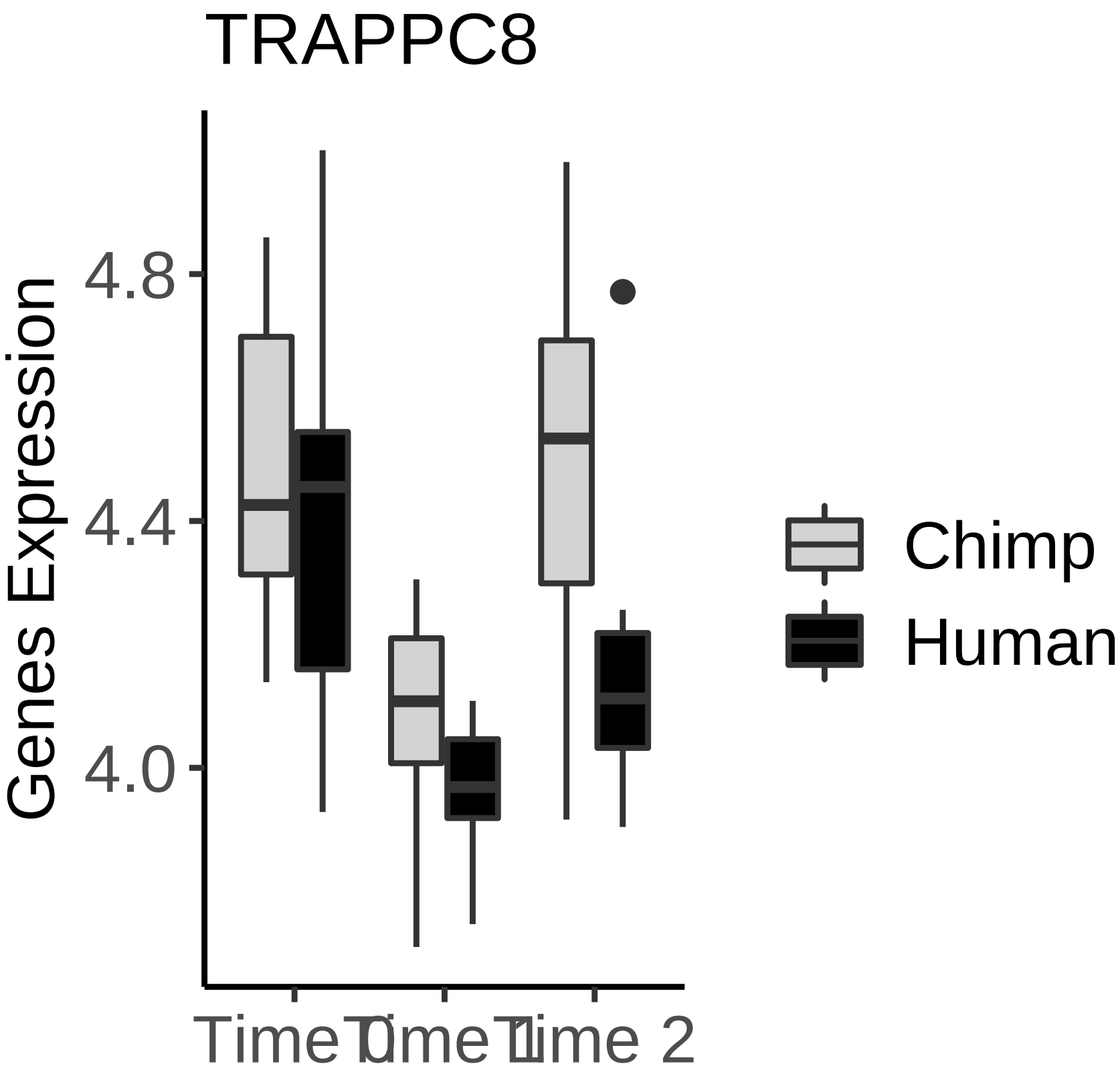
0
−1
Time 0
Time 1
Time 2
Chimp
Human


TRAP1
Genes Expression
7
6
5
Time 0
Time 1
Time 2
Chimp
Human


TRAPPC2
Genes Expression
4.4
4.0
3.6
3.2
Time 0
Time 1
Time 2
Chimp
Human


TRAPPC8
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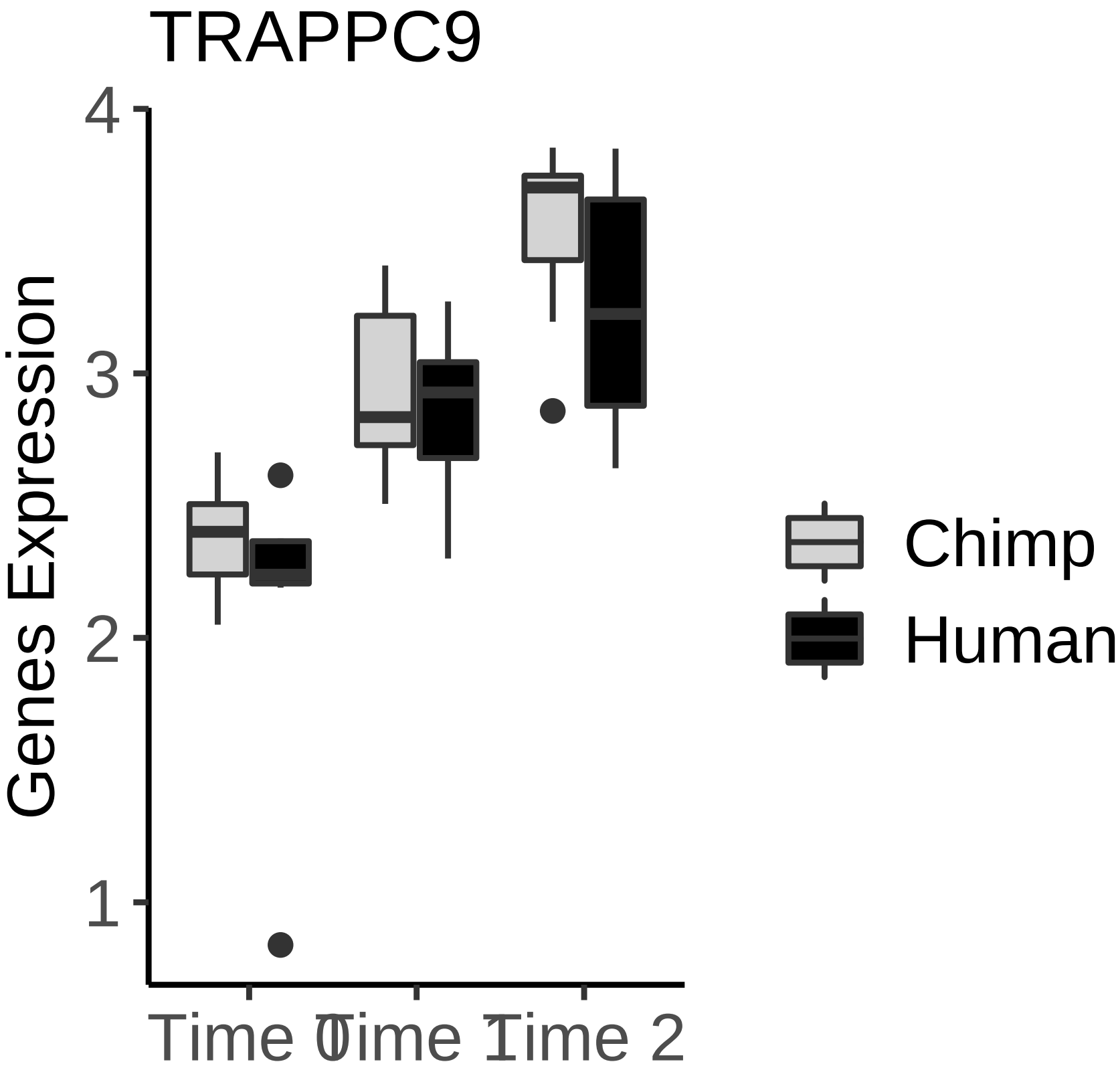
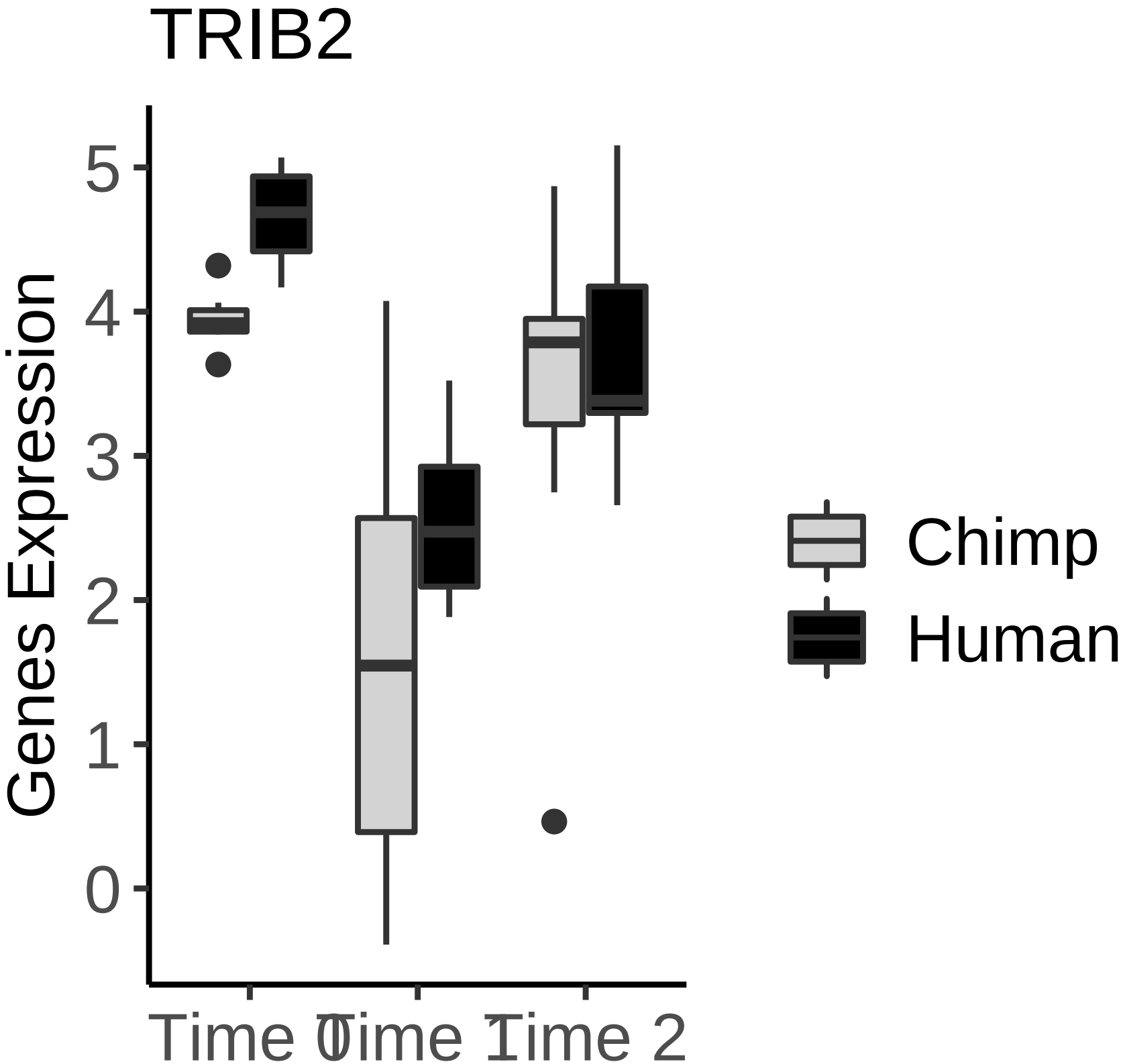
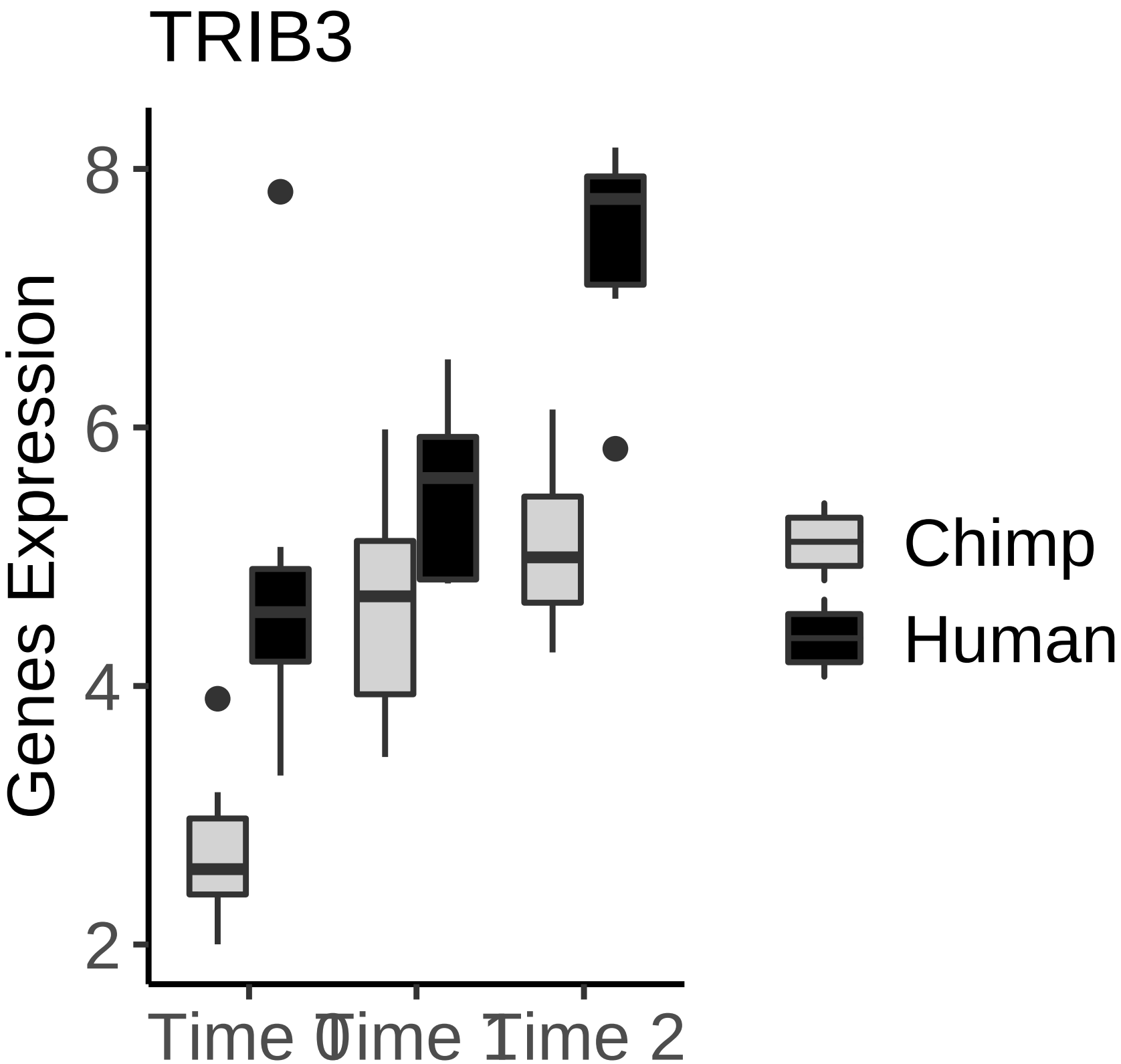
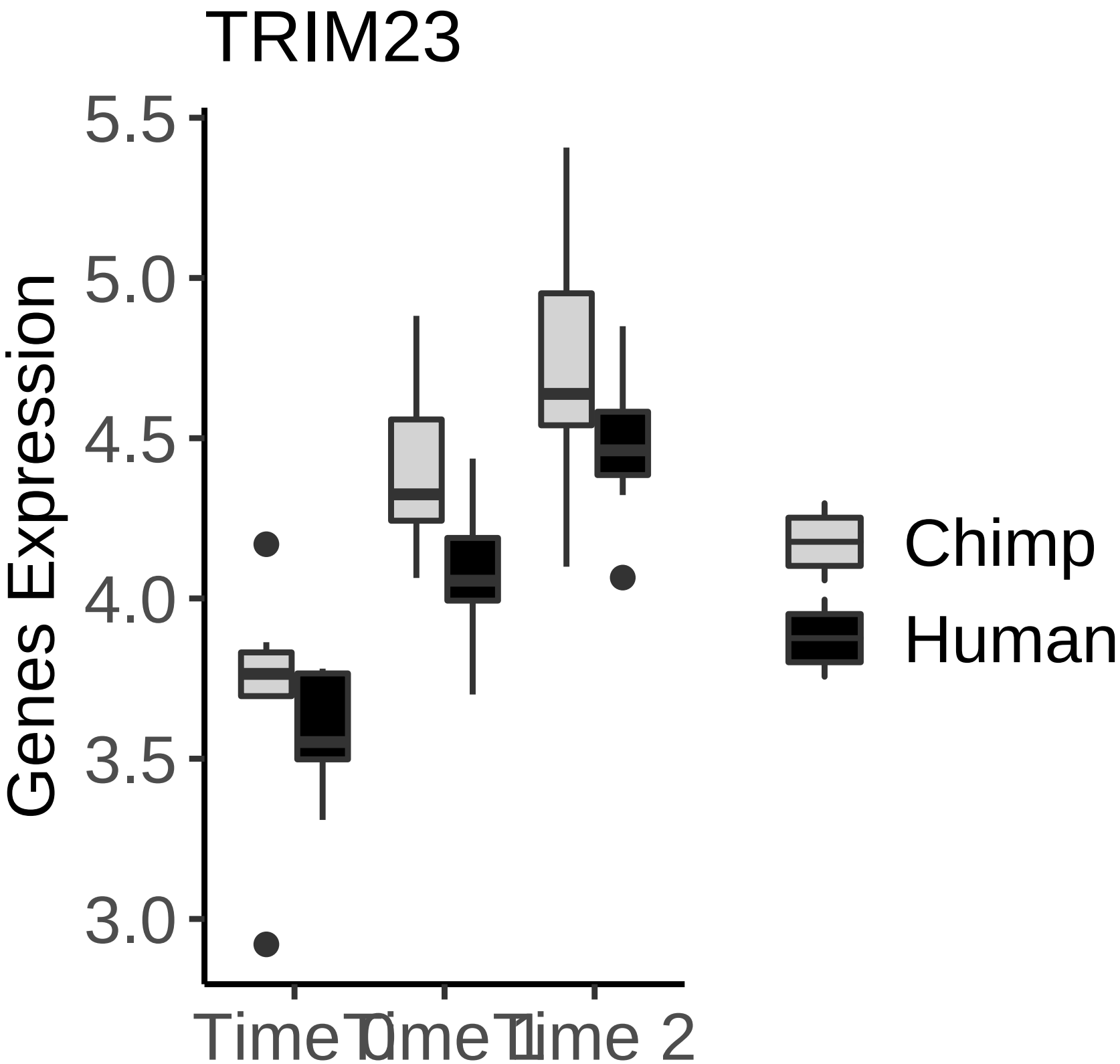
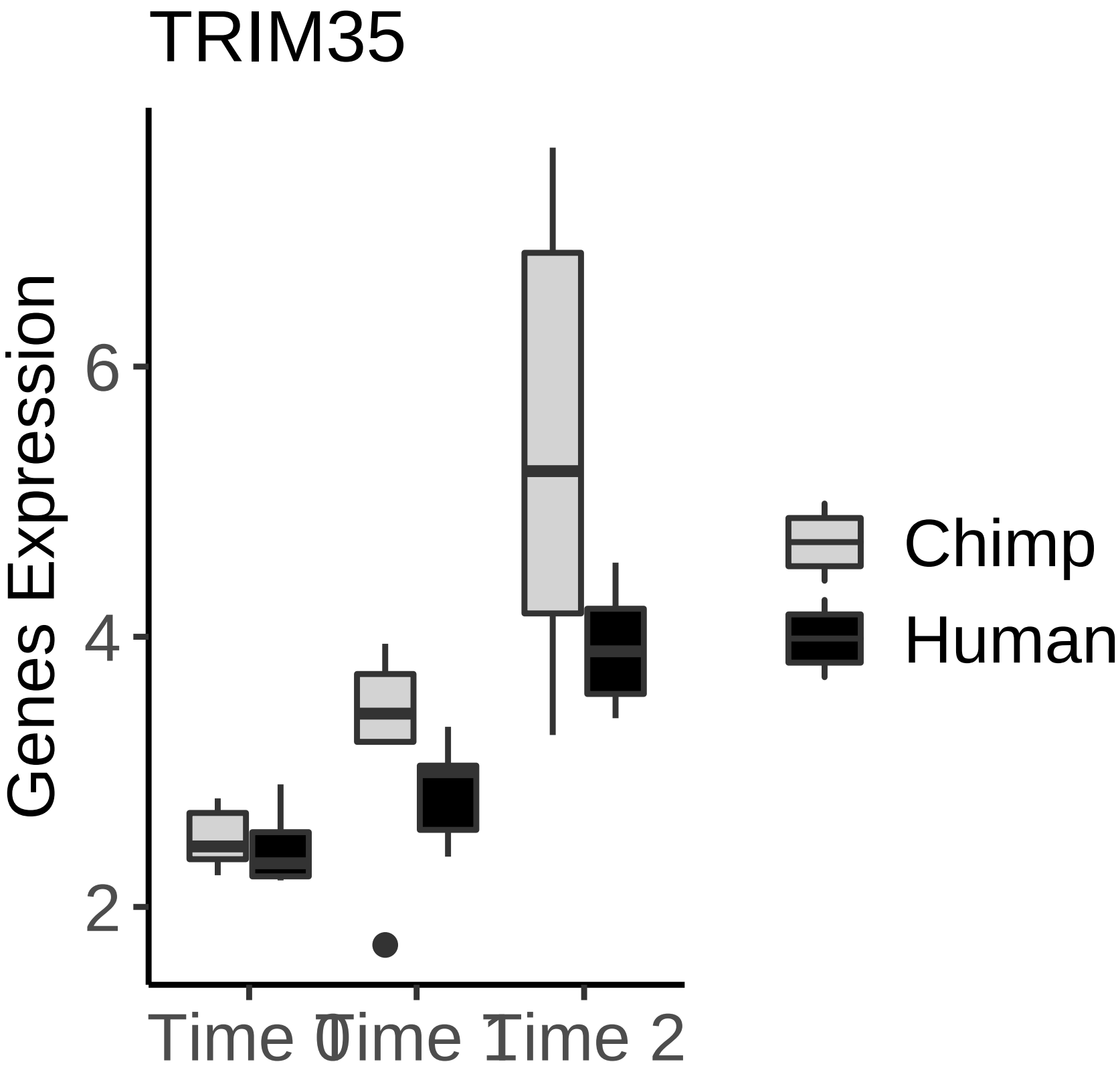
4.8
4.4
4.0
Time 0
Time 1
Time 2
Chimp
Human

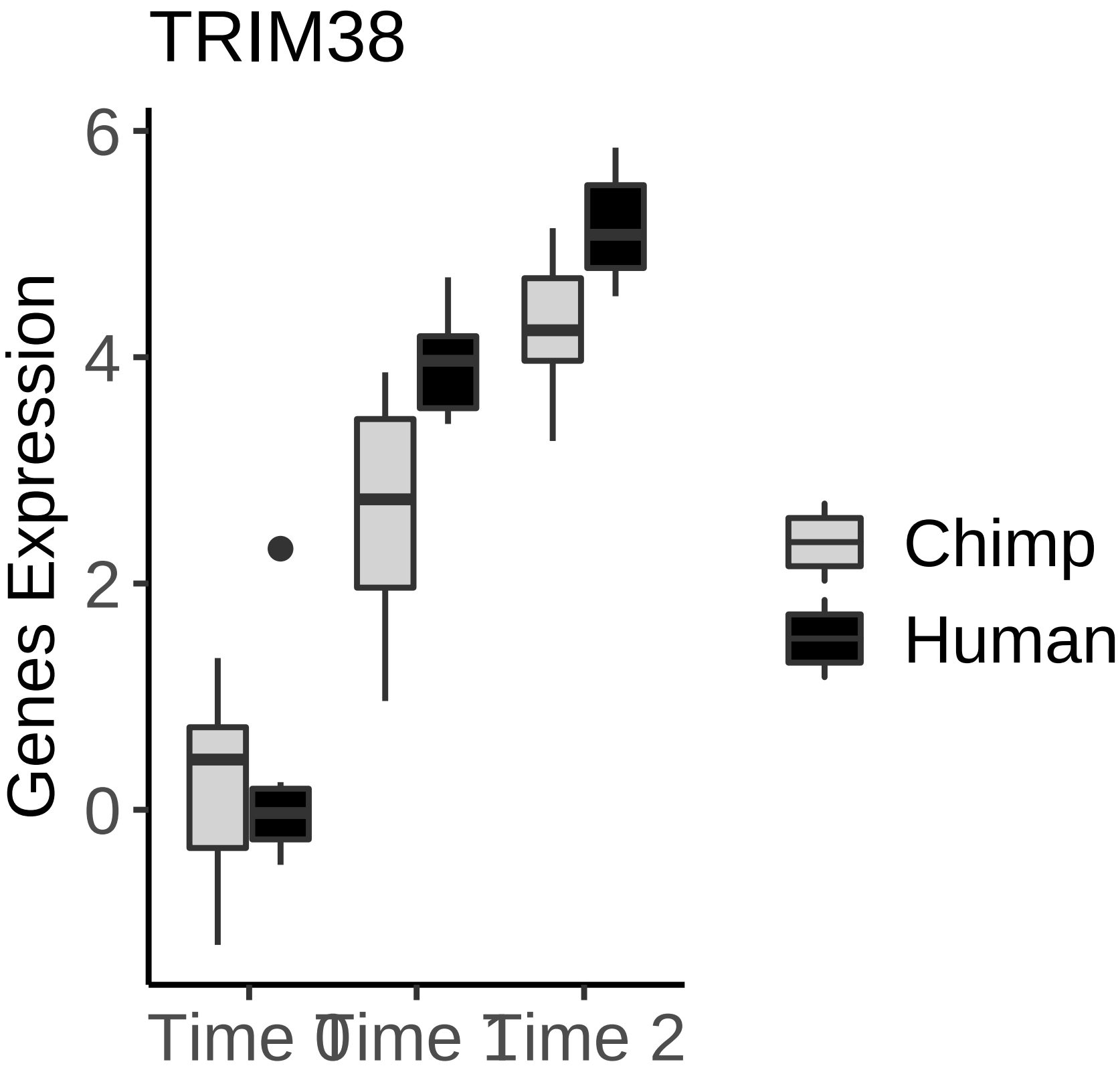

TRAPPC9
Genes Expression
4
3
2
1
Time 0
Time 1
Time 2
Chimp
Human


TRIB2
Genes Expression
5
4
3
2
1
0
Time 0
Time 1
Time 2
Chimp
Human


TRIB3
Genes Expression
8
6
4
2
Time 0
Time 1
Time 2
Chimp
Human


TRIM23
Genes Expression
5.5
5.0
4.5
4.0
3.5
3.0
Time 0
Time 1
Time 2
Chimp
Human


TRIM35
Genes Expression
6
4
2
Time 0
Time 1
Time 2
Chimp
Human


TRIM38
Genes Expression
6
4
2
0
Time 0
Time 1
Time 2
Chimp
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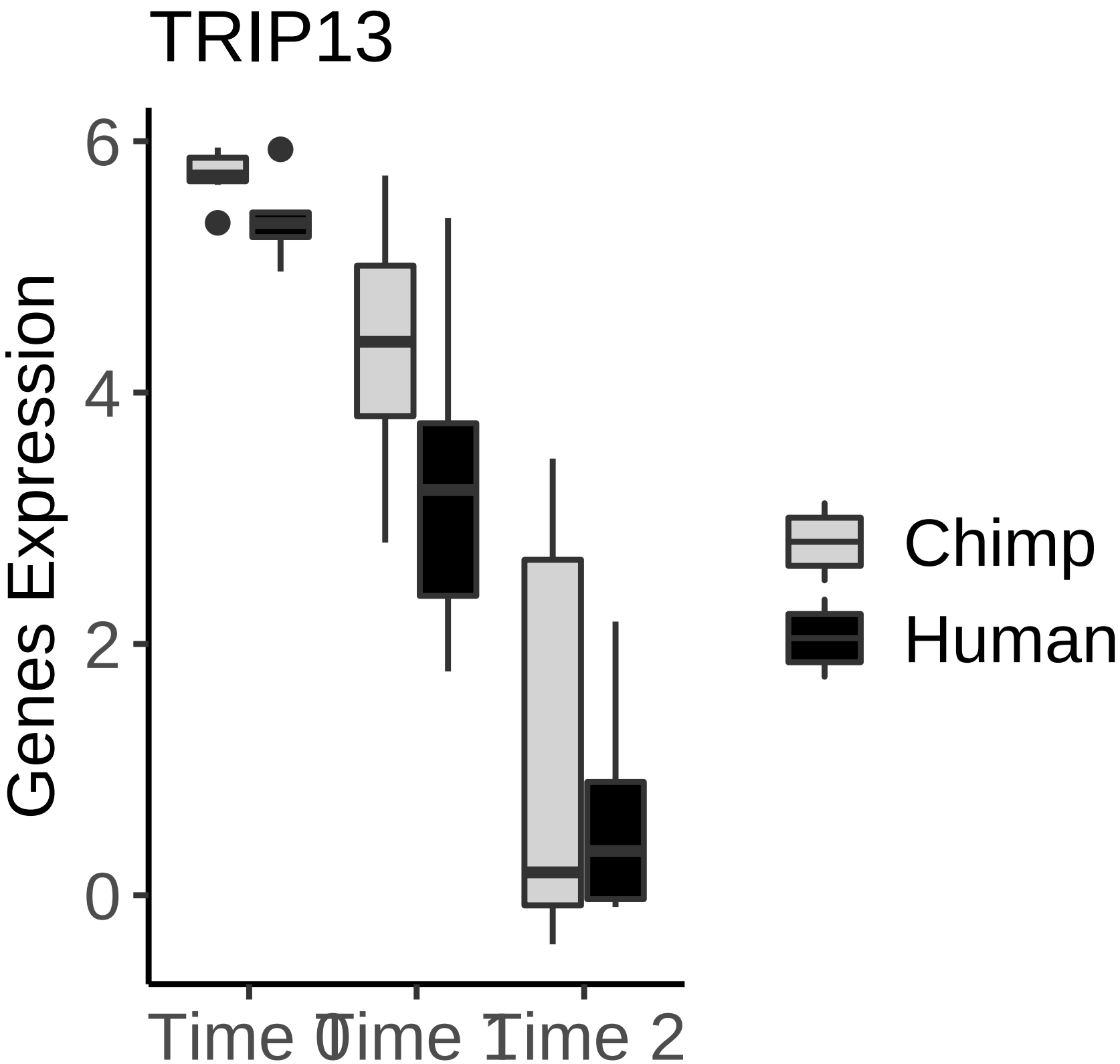
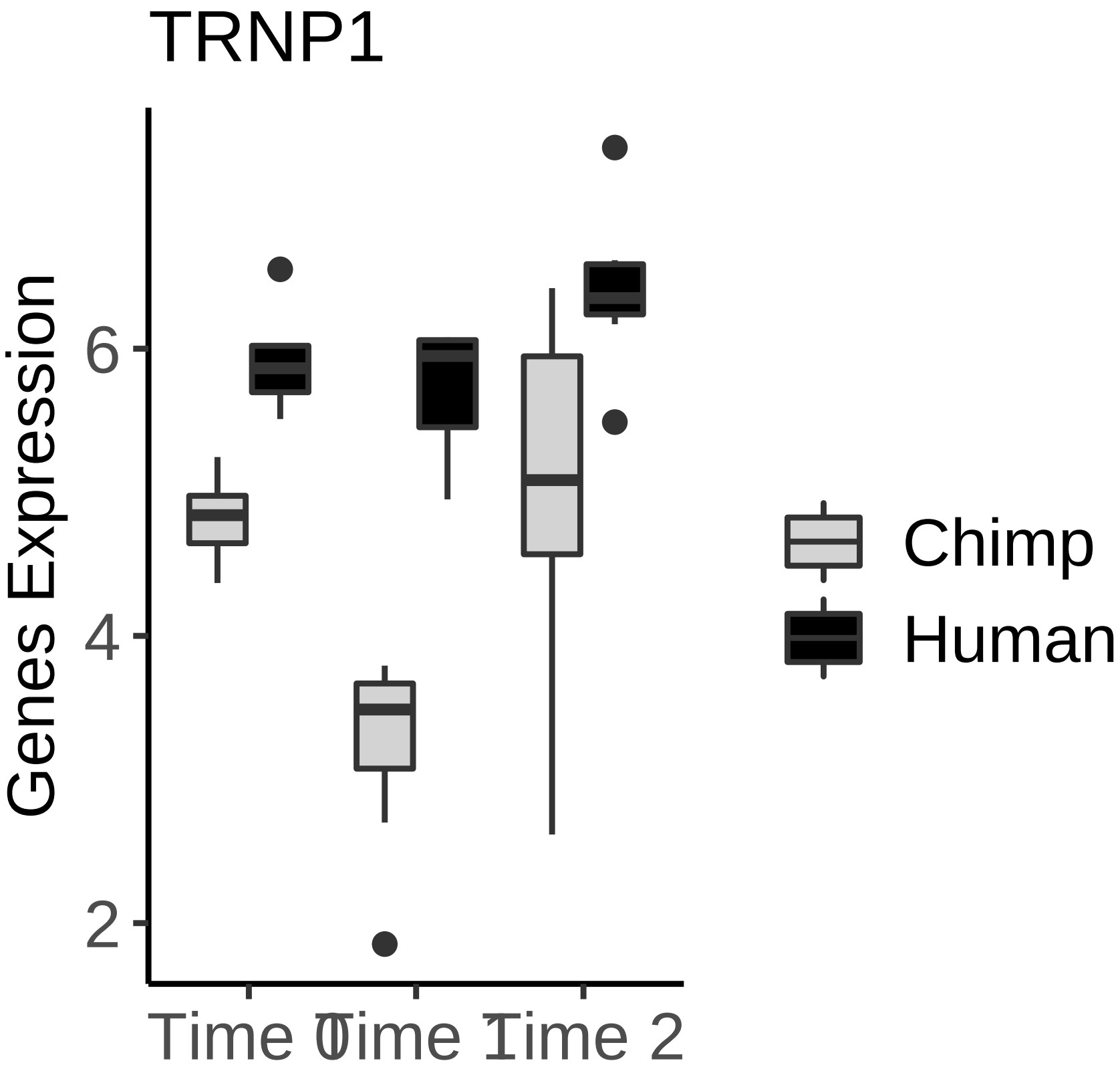

TRIP13
Genes Expression
6
4
2
0
Time 0
Time 1
Time 2
Chimp
Human


TRNP1
Genes Expression
6
4
2
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Time 1
Time 2
Chimp
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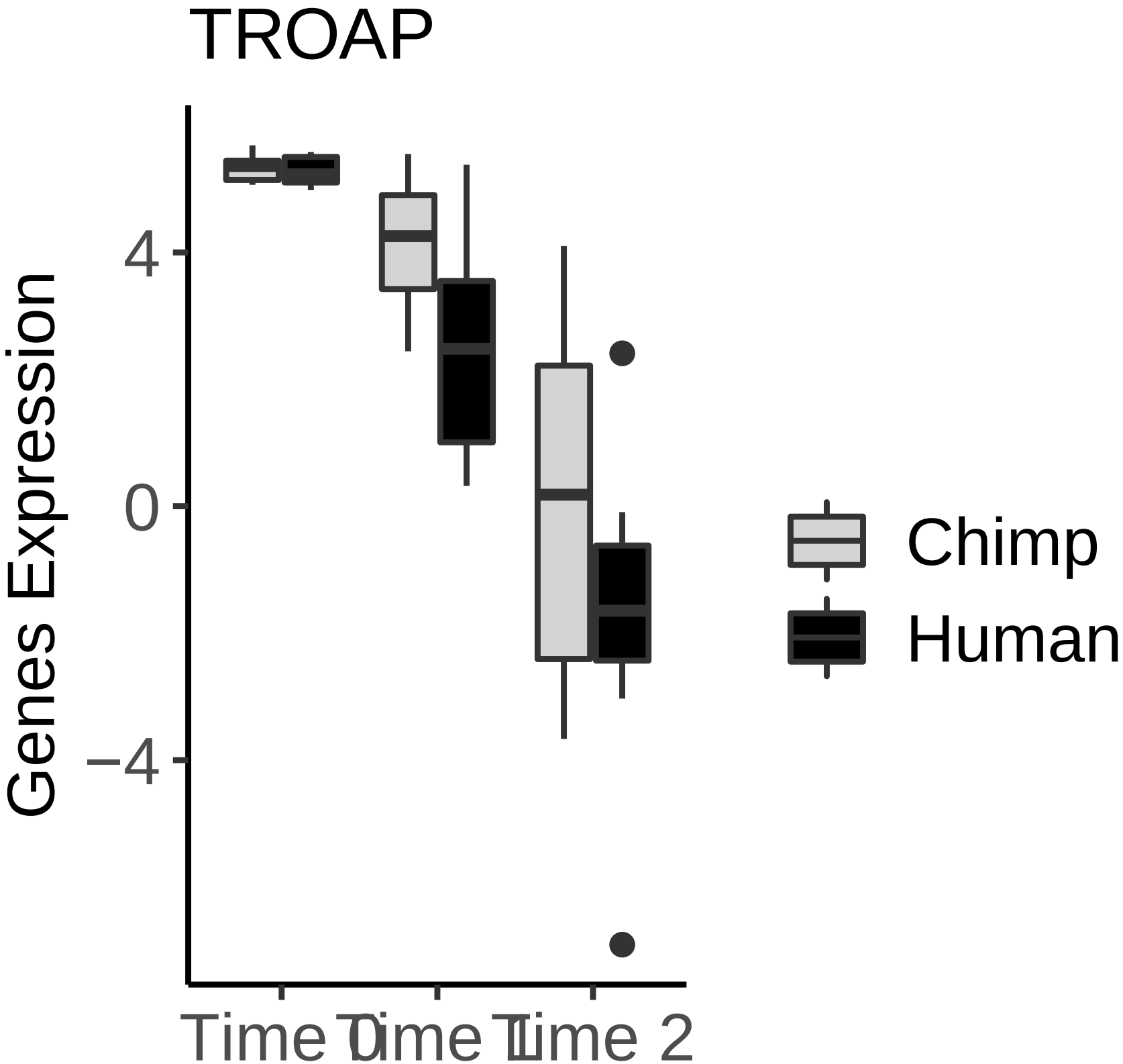
TROAP
Genes Expression
4
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Time 1
Time 2
Chimp
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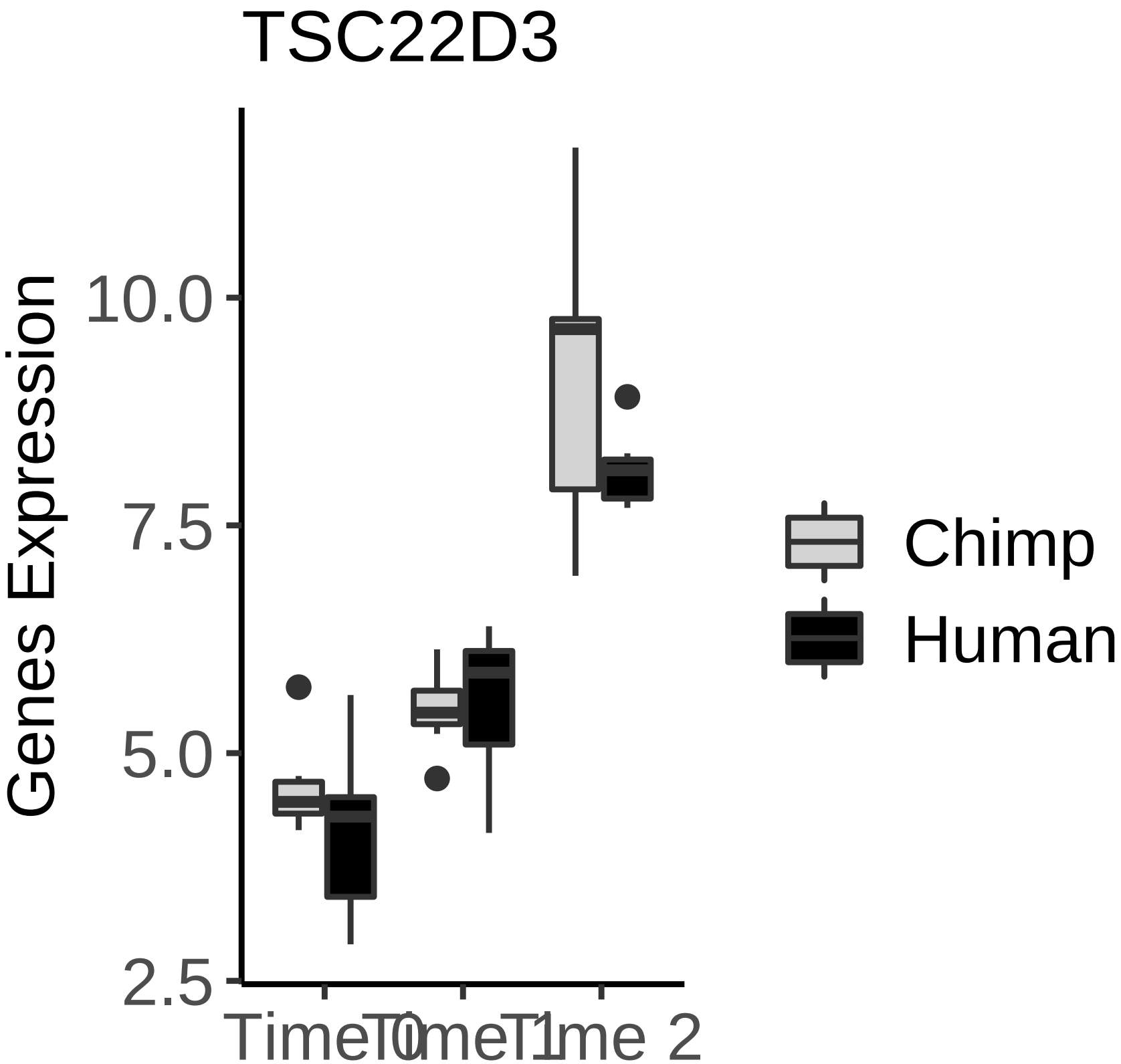
TSC22D3
Genes Expression
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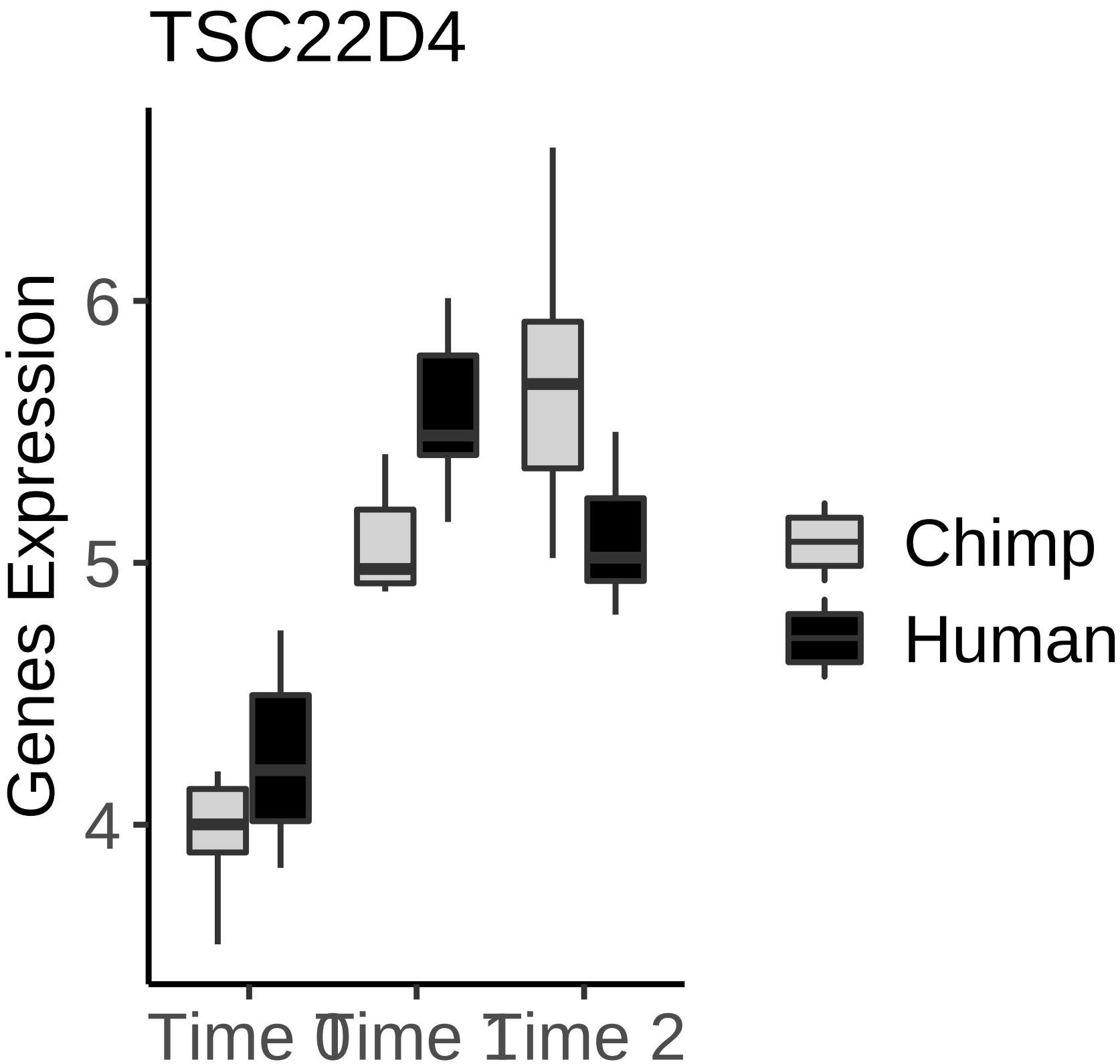
7.5
5.0
2.5
Time 0
Time 1
Time 2
Chimp
Human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6
5
4
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Time 1
Time 2
Chimp
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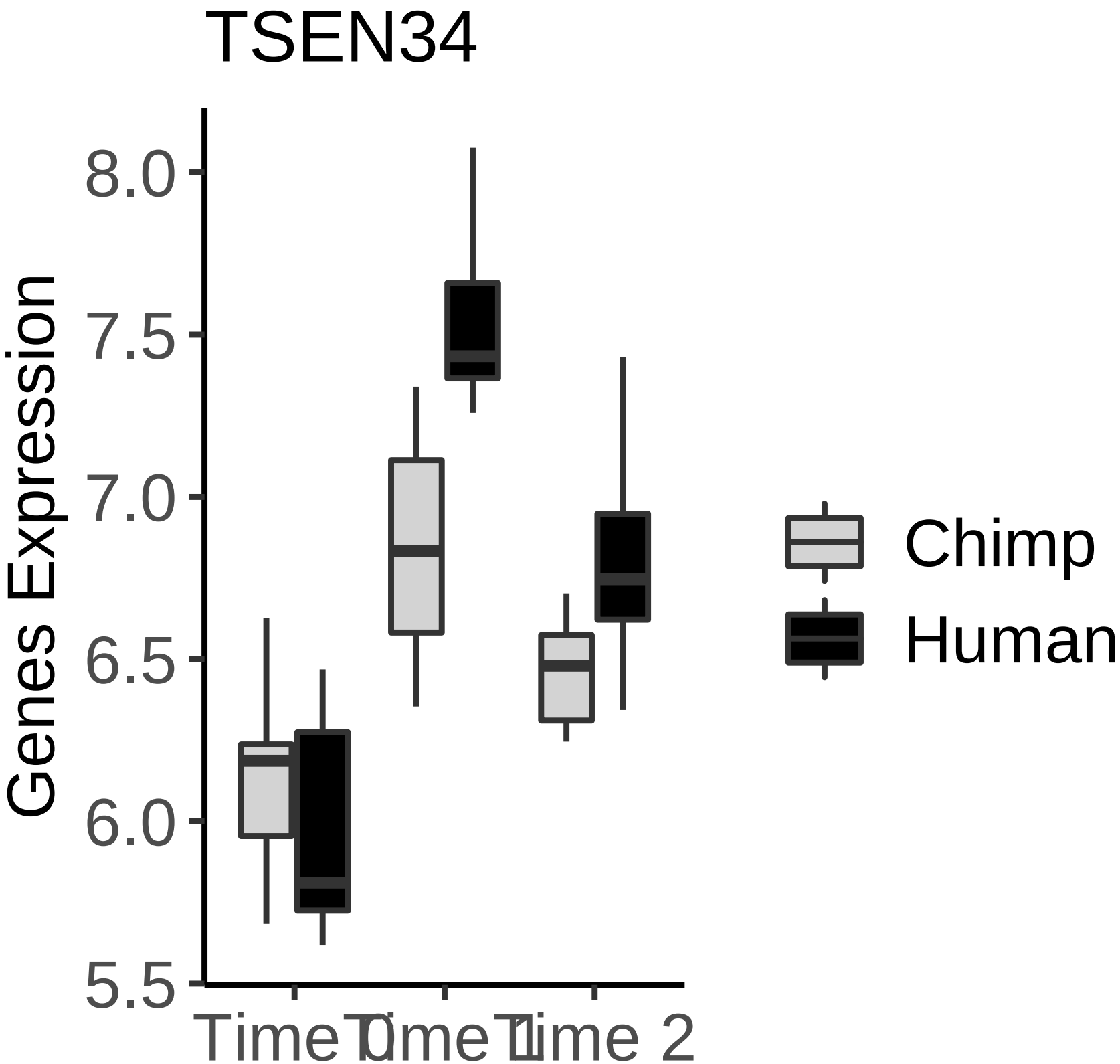
TSEN34
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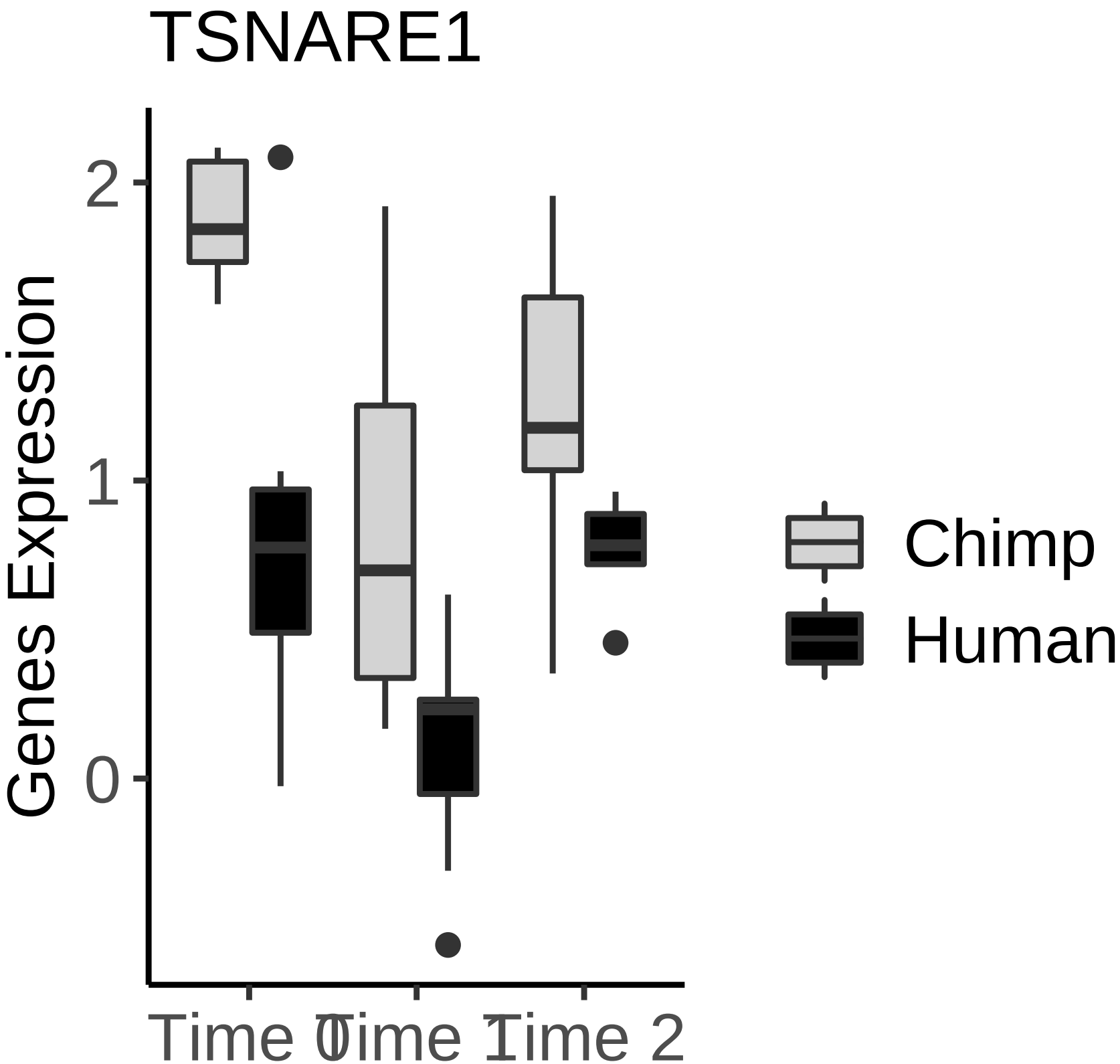
7.0
6.5
6.0
5.5
Time 0
Time 1
Time 2
Chimp
Human


TSNARE1
Genes Expression
2
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Time 1
Time 2
Chimp
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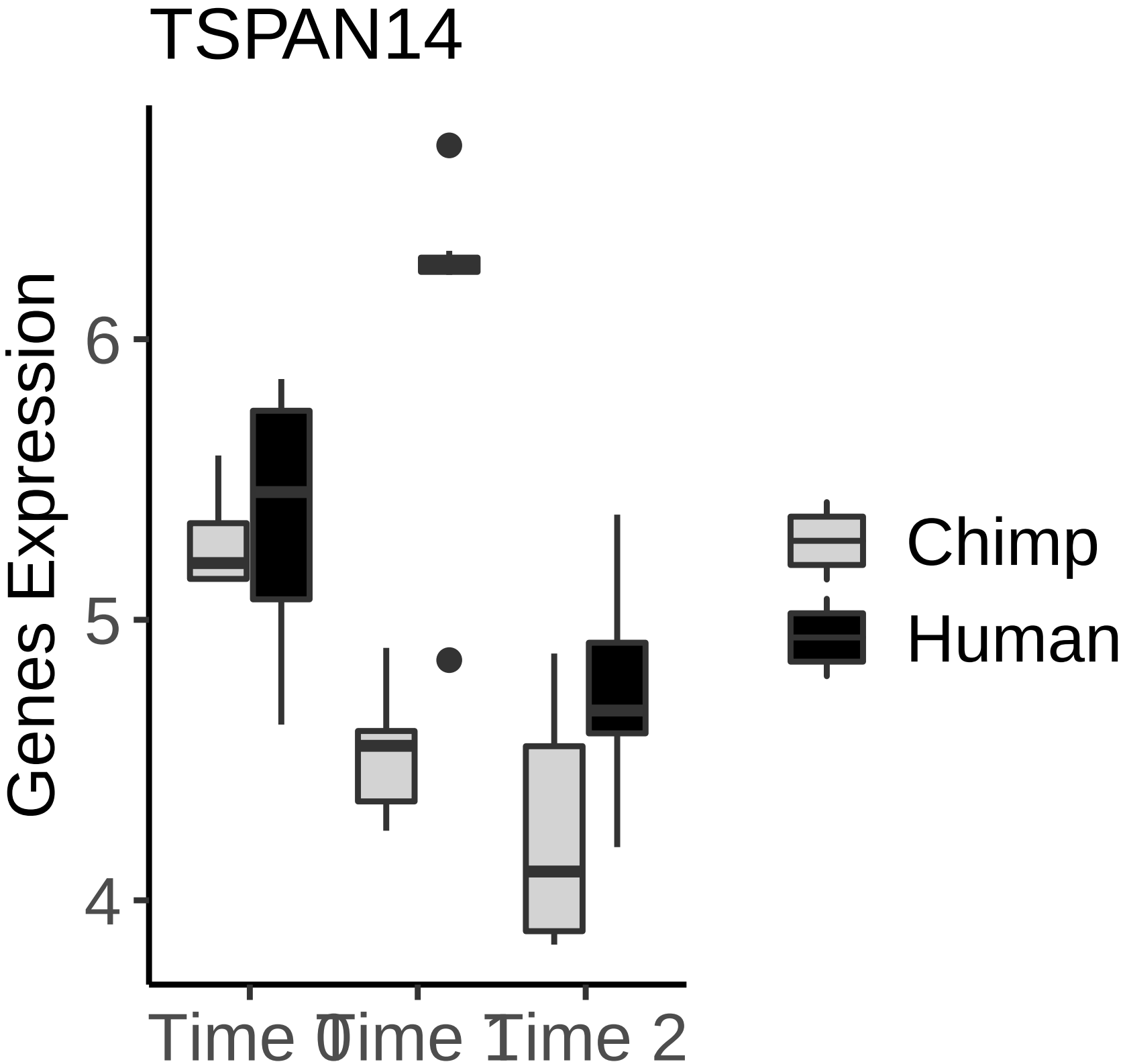
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Genes Expression
6
5
4
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Time 1
Time 2
Chimp
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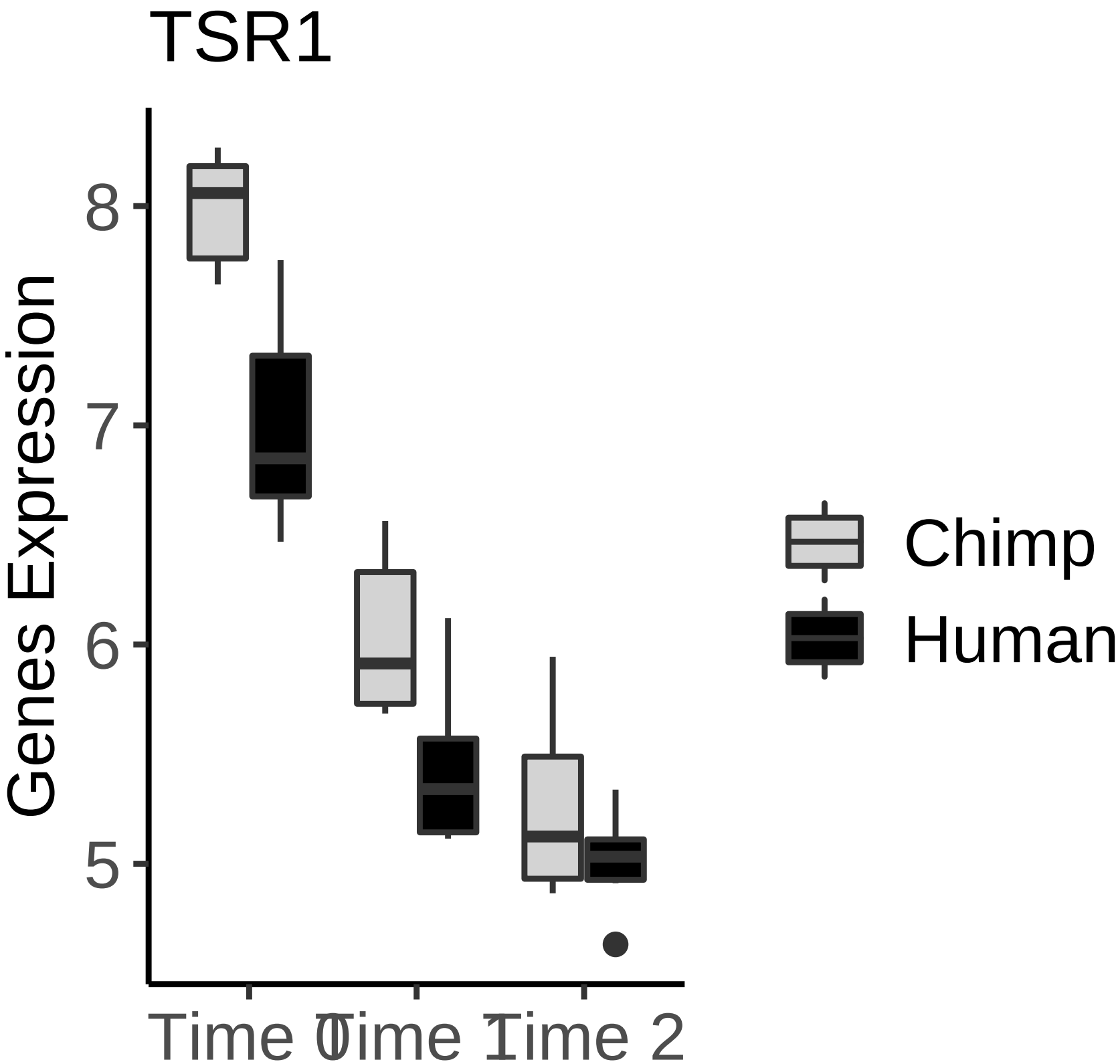
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Genes Expression
8
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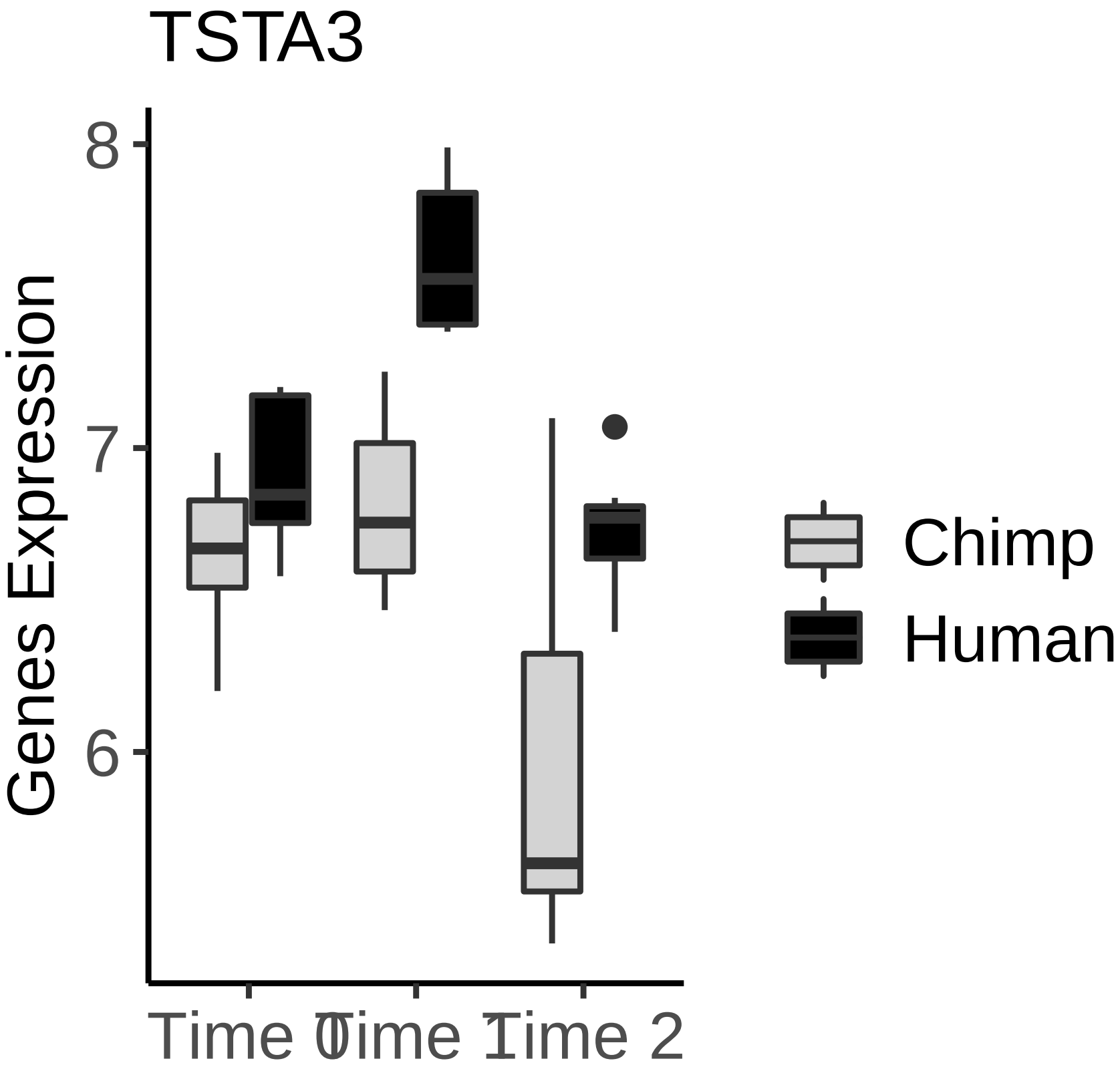
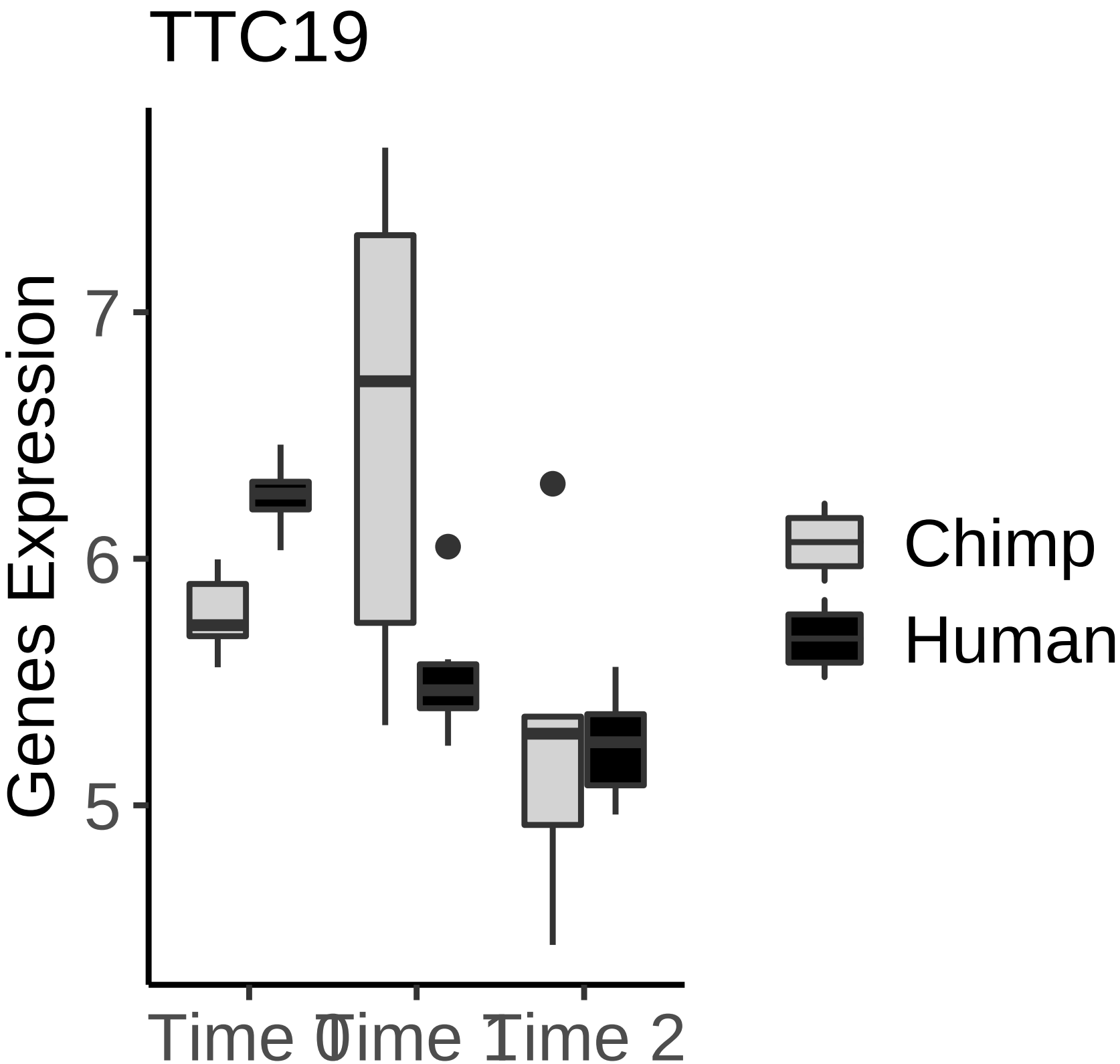
Time 2
Chimp
Human


TSTA3
Genes Expression
8
7
6
Time 0
Time 1
Time 2
Chimp
Human


TTC19
Genes Expression
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6
5
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Time 2
Chimp
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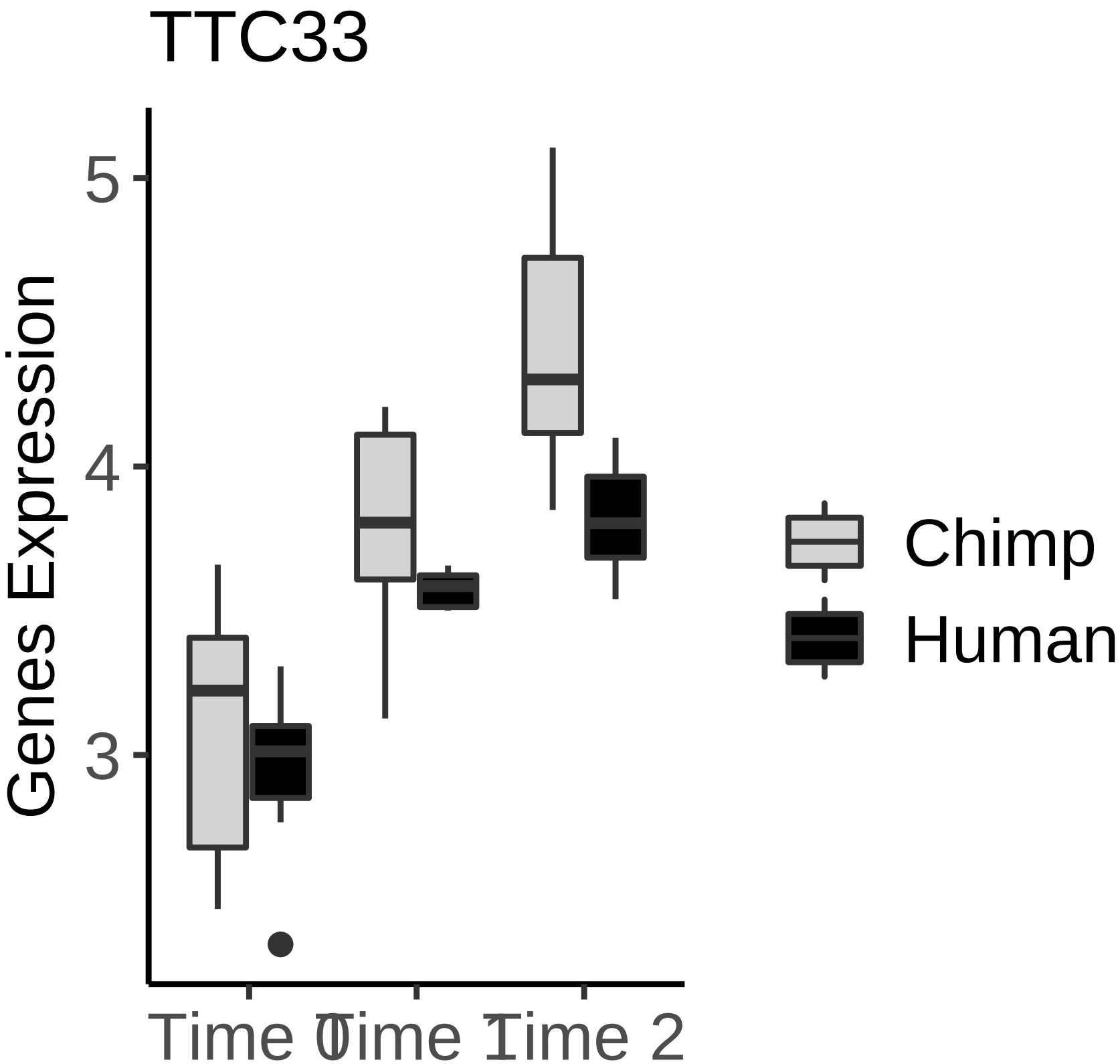
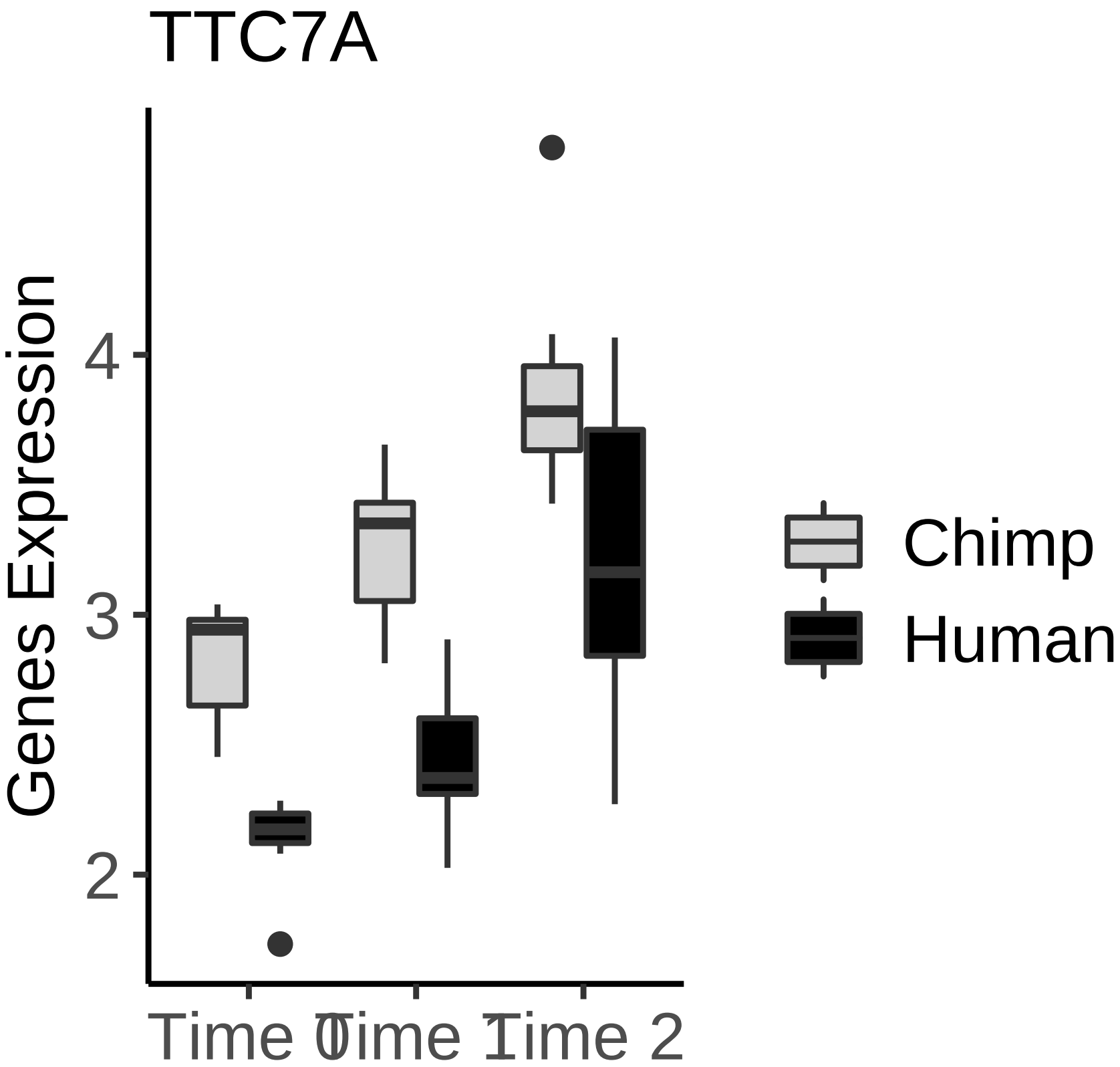

TTC33
Genes Expression
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


TTC7A
Genes Expression
4
3
2
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Time 2
Chimp
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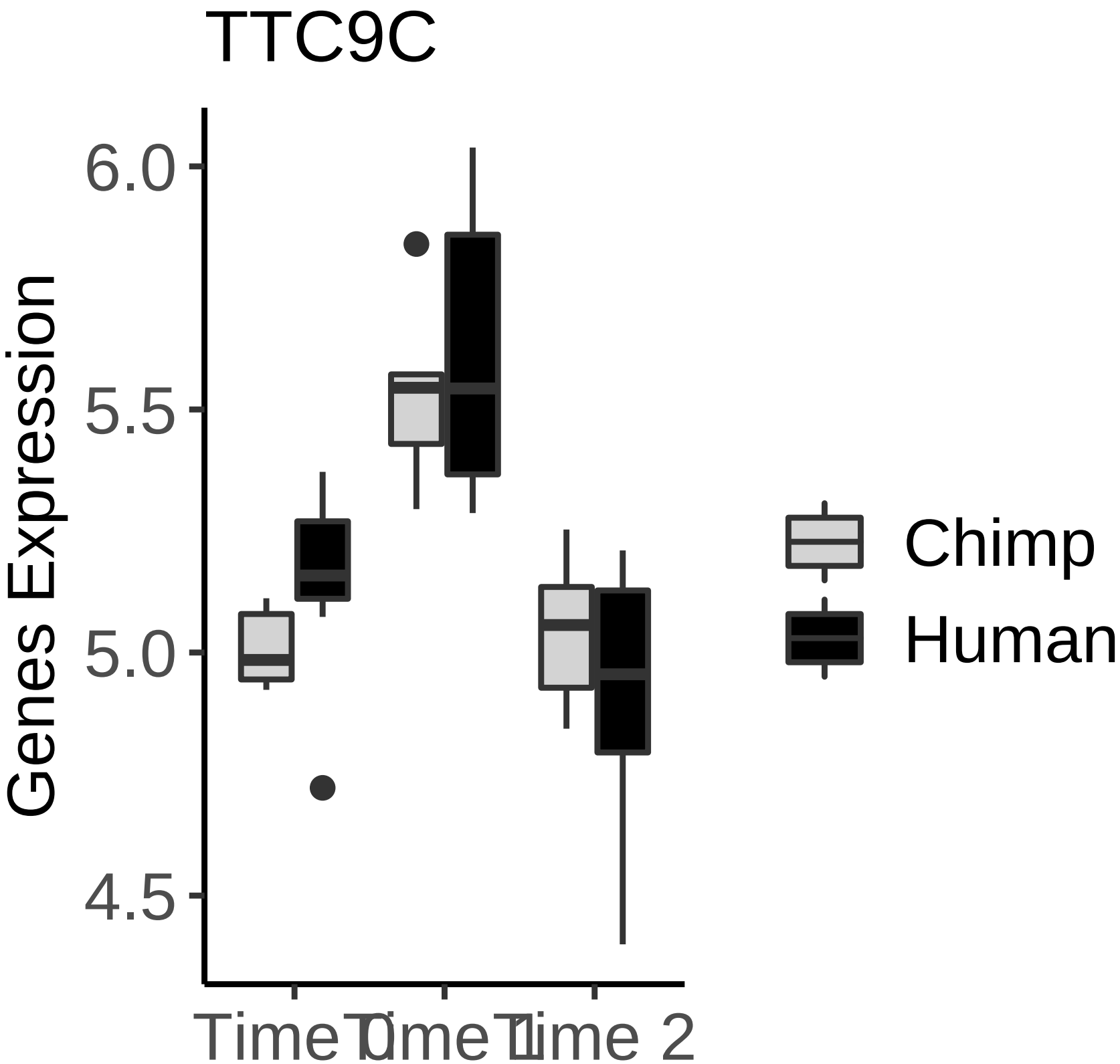
TTC9C
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6.0
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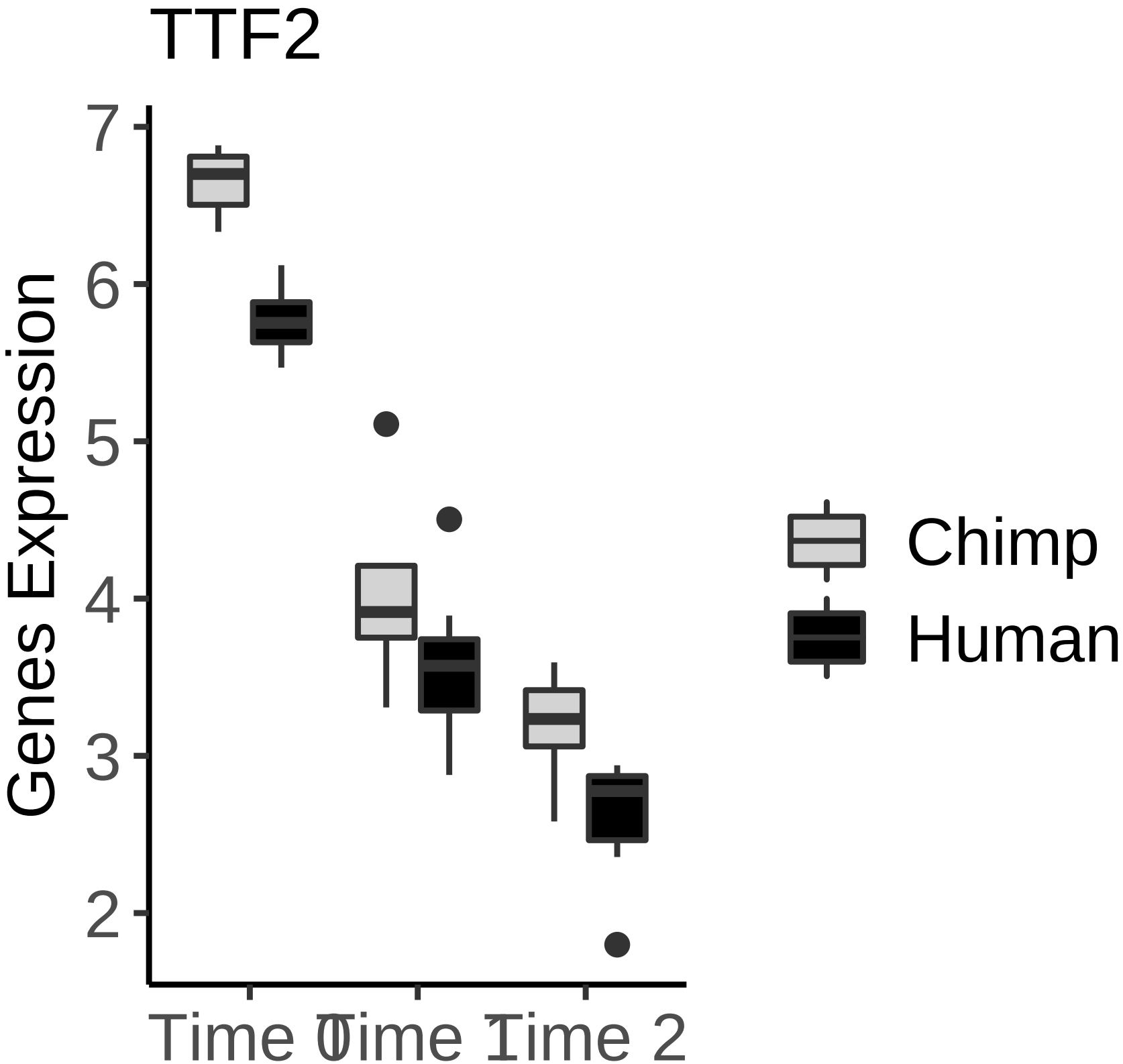
5.0
4.5
Time 0
Time 1
Time 2
Chimp
Human


TTF2
Genes Expression
7
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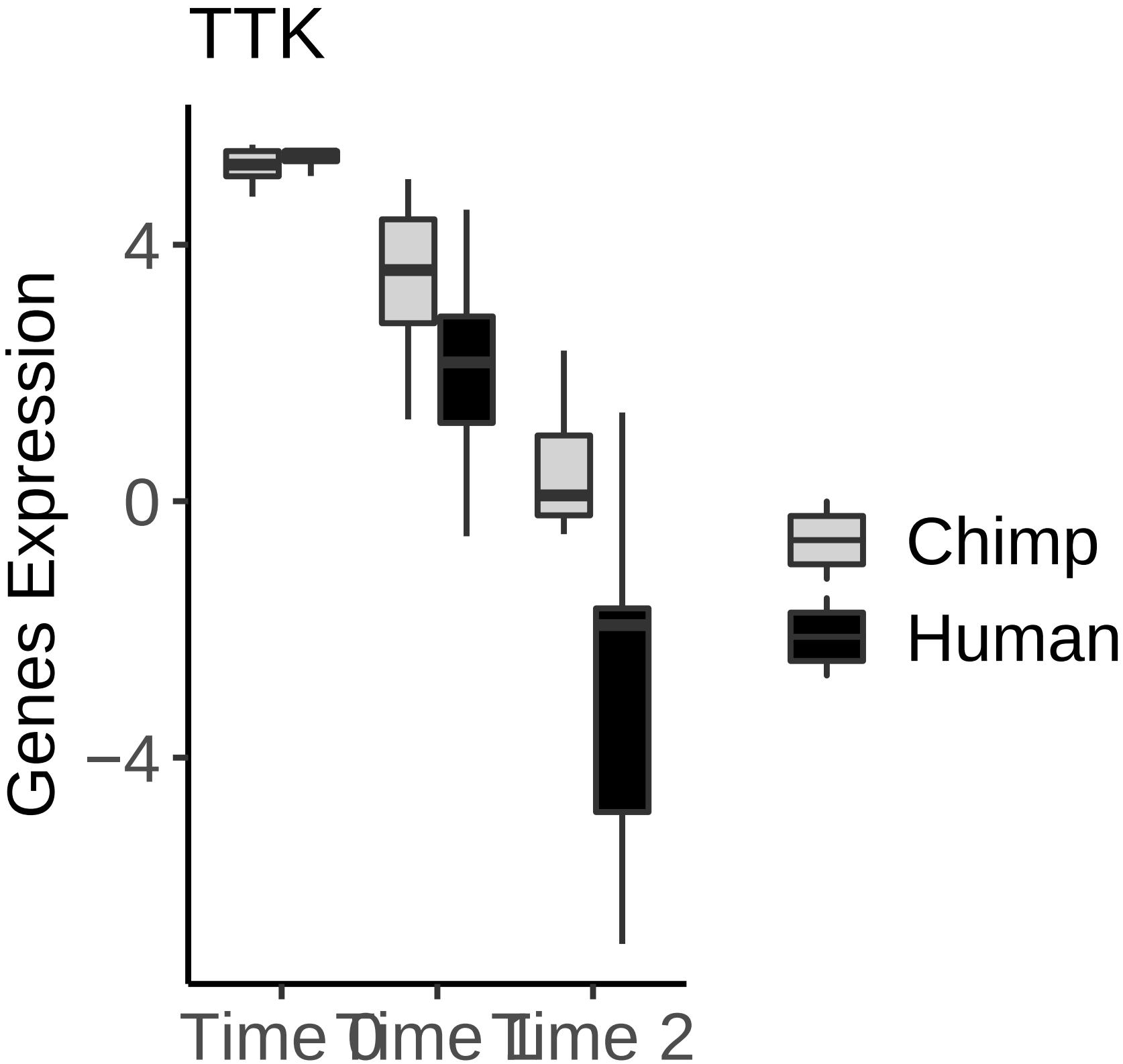
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human


TTK
Genes Expression
4
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Time 2
Chimp
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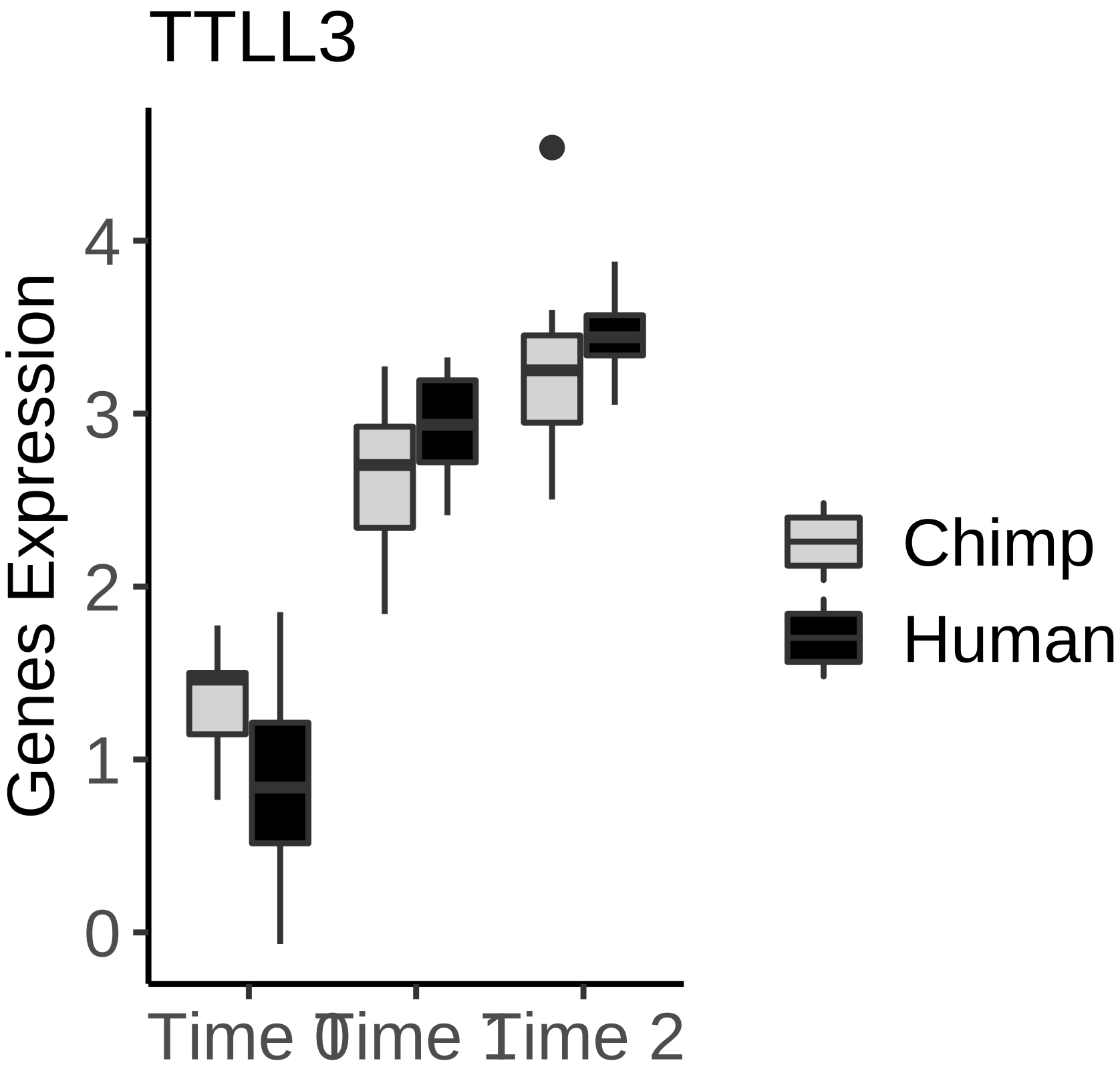
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Genes Expression
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3
4
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Time 2
Chimp
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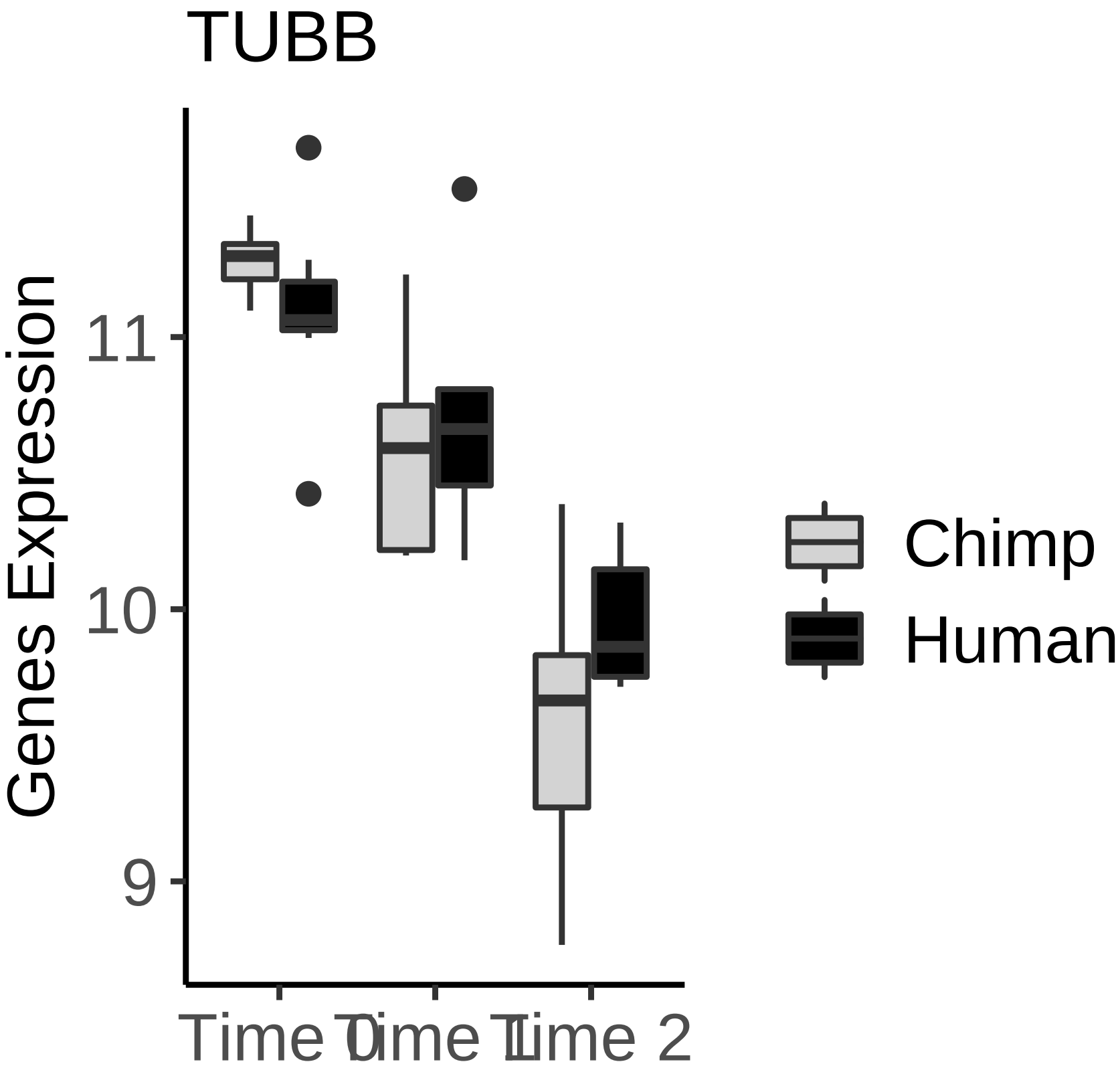
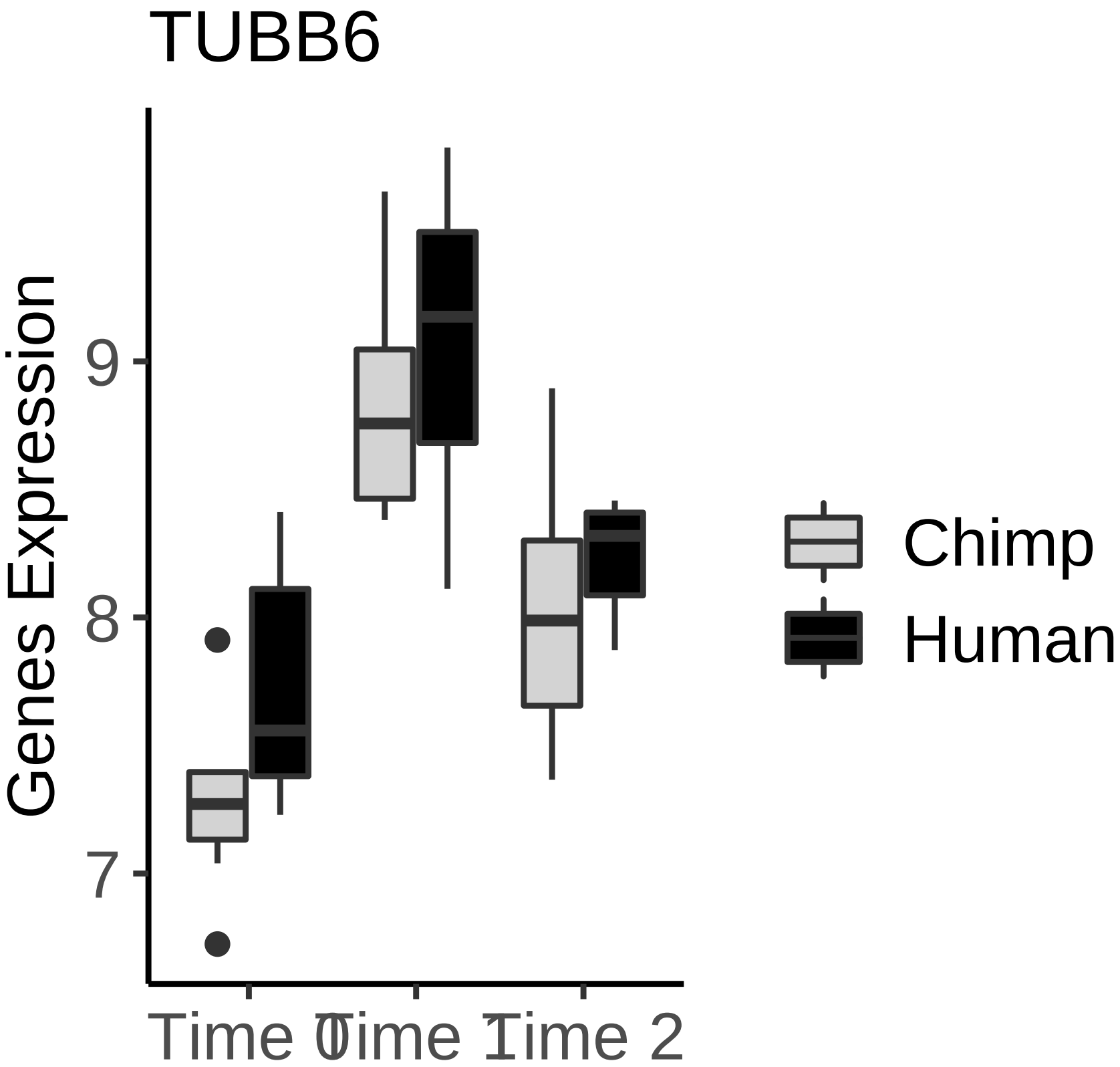
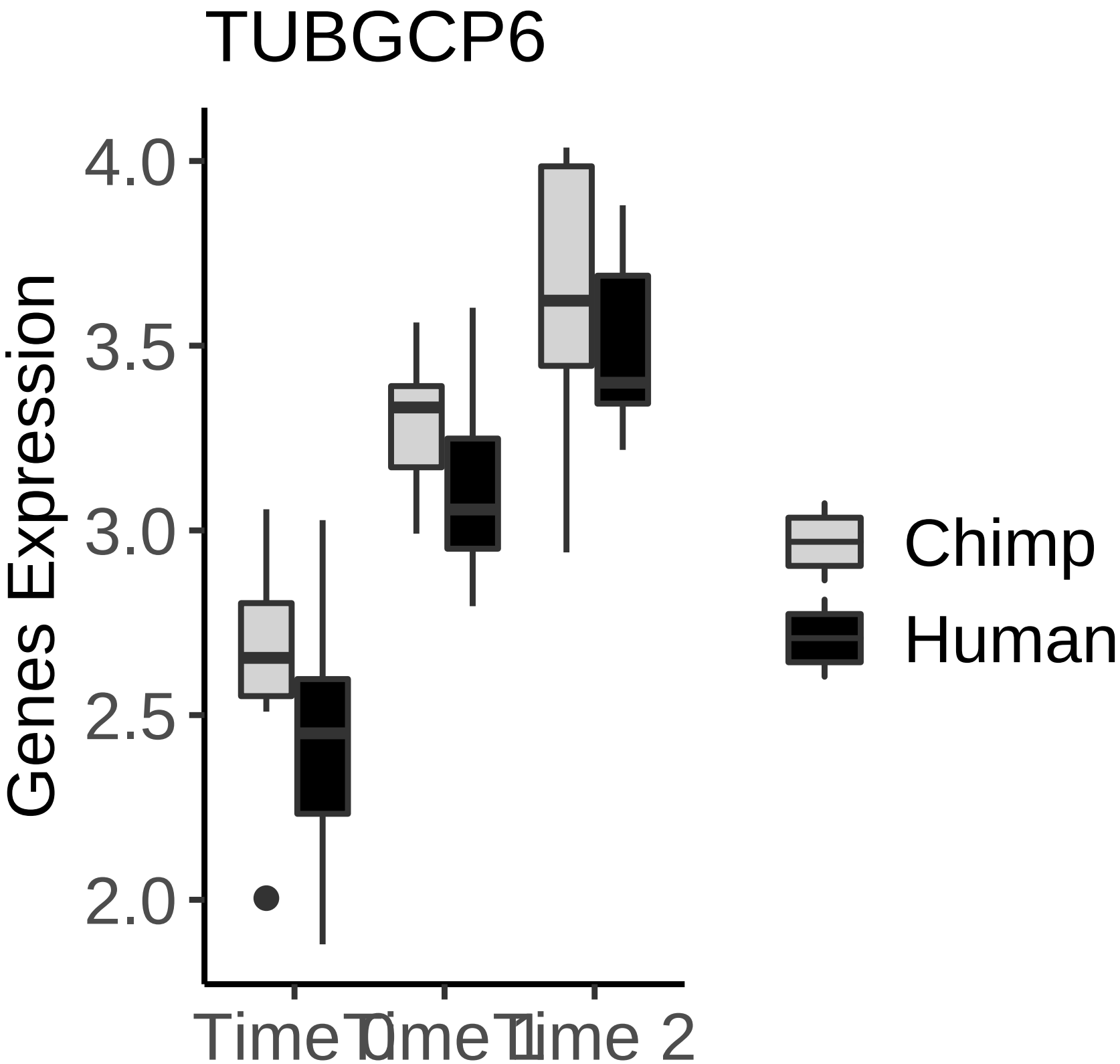

TUBB
Genes Expression
11
10
9
Time 0
Time 1
Time 2
Chimp
Human


TUBB6
Genes Expression
9
8
7
Time 0
Time 1
Time 2
Chimp
Human


TUBGCP6
Genes Expression
4.0
3.5
3.0
2.5
2.0
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Time 1
Time 2
Chimp
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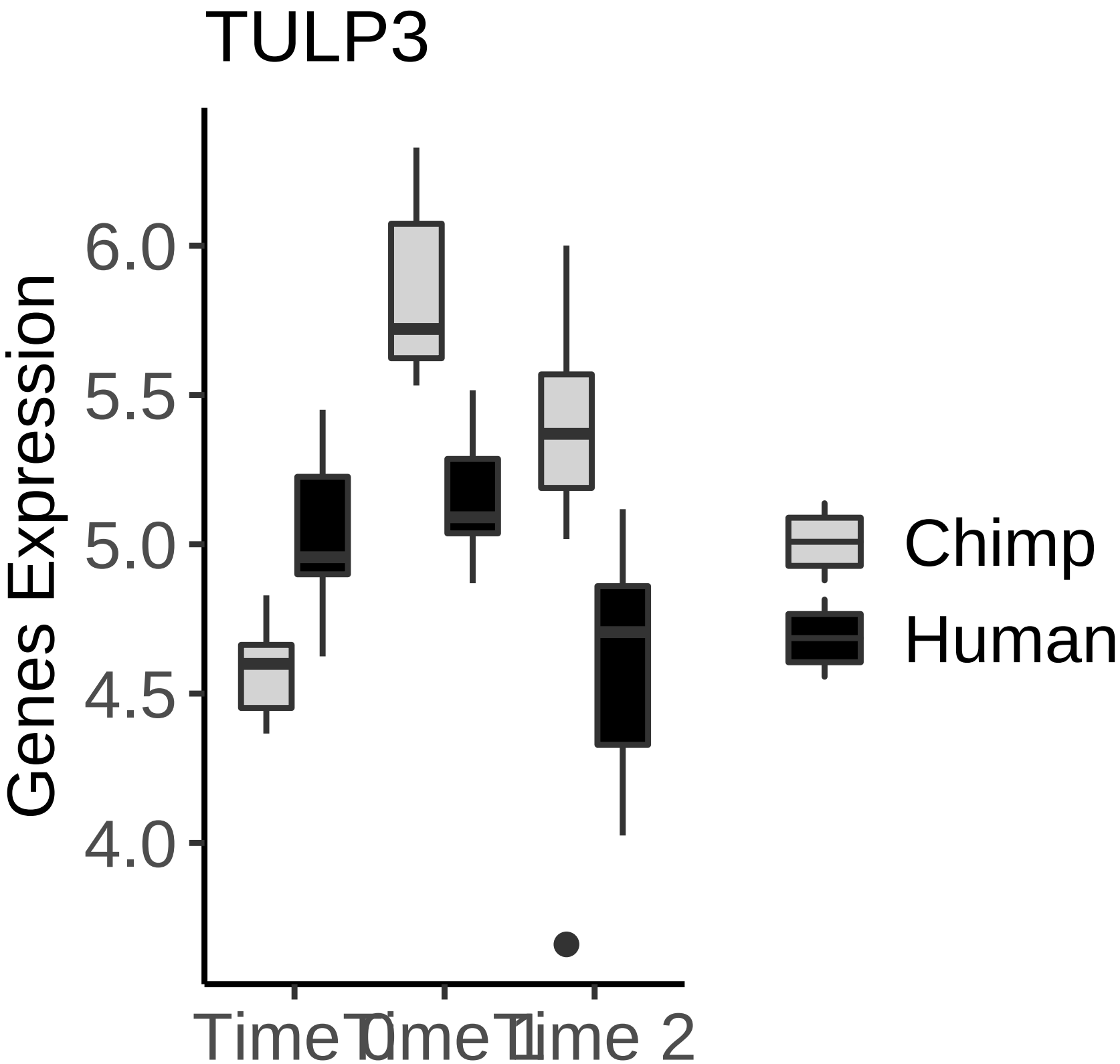
TULP3
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4.5
4.0
Time 0
Time 1
Time 2
Chimp
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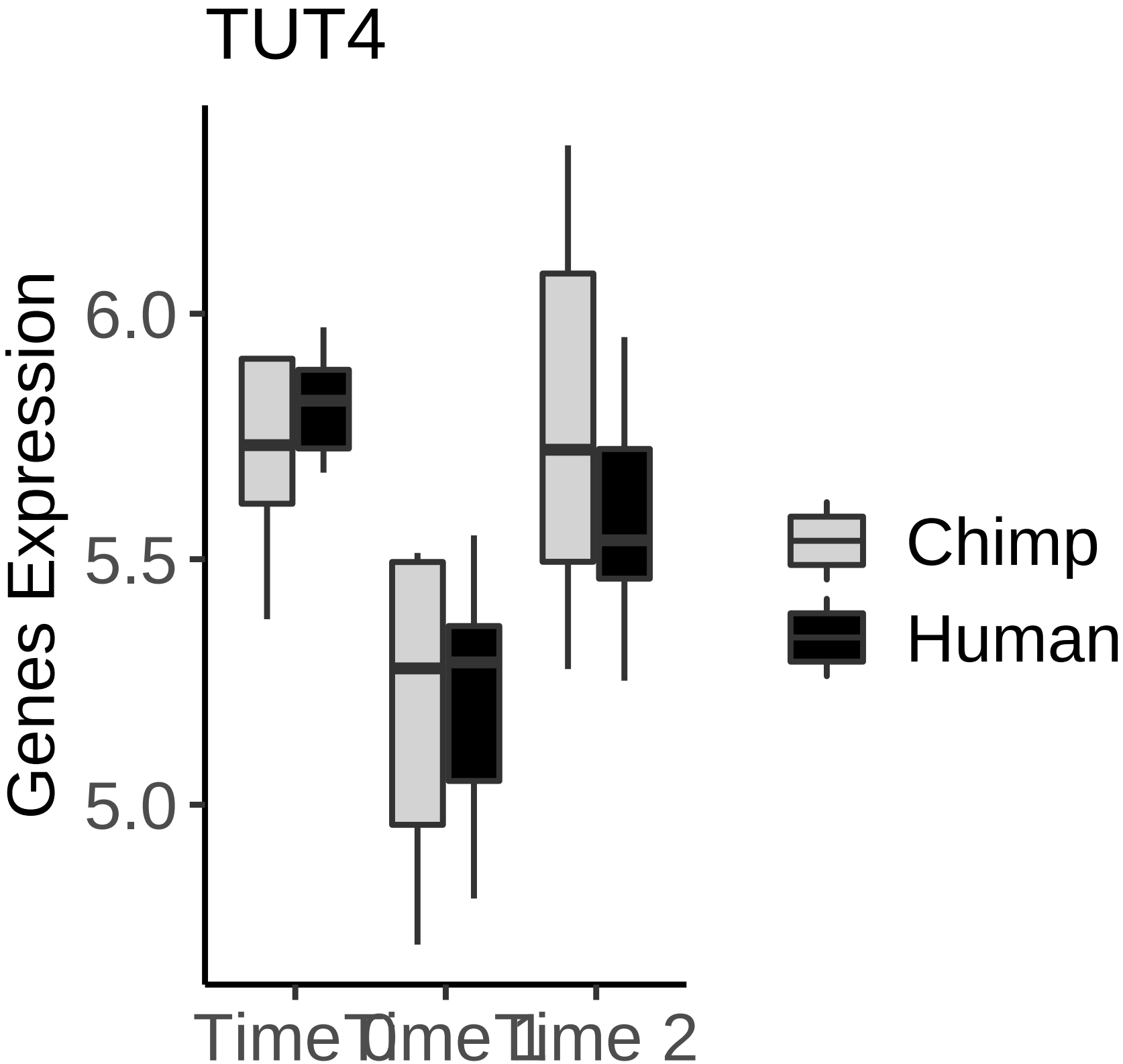
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Genes Expression
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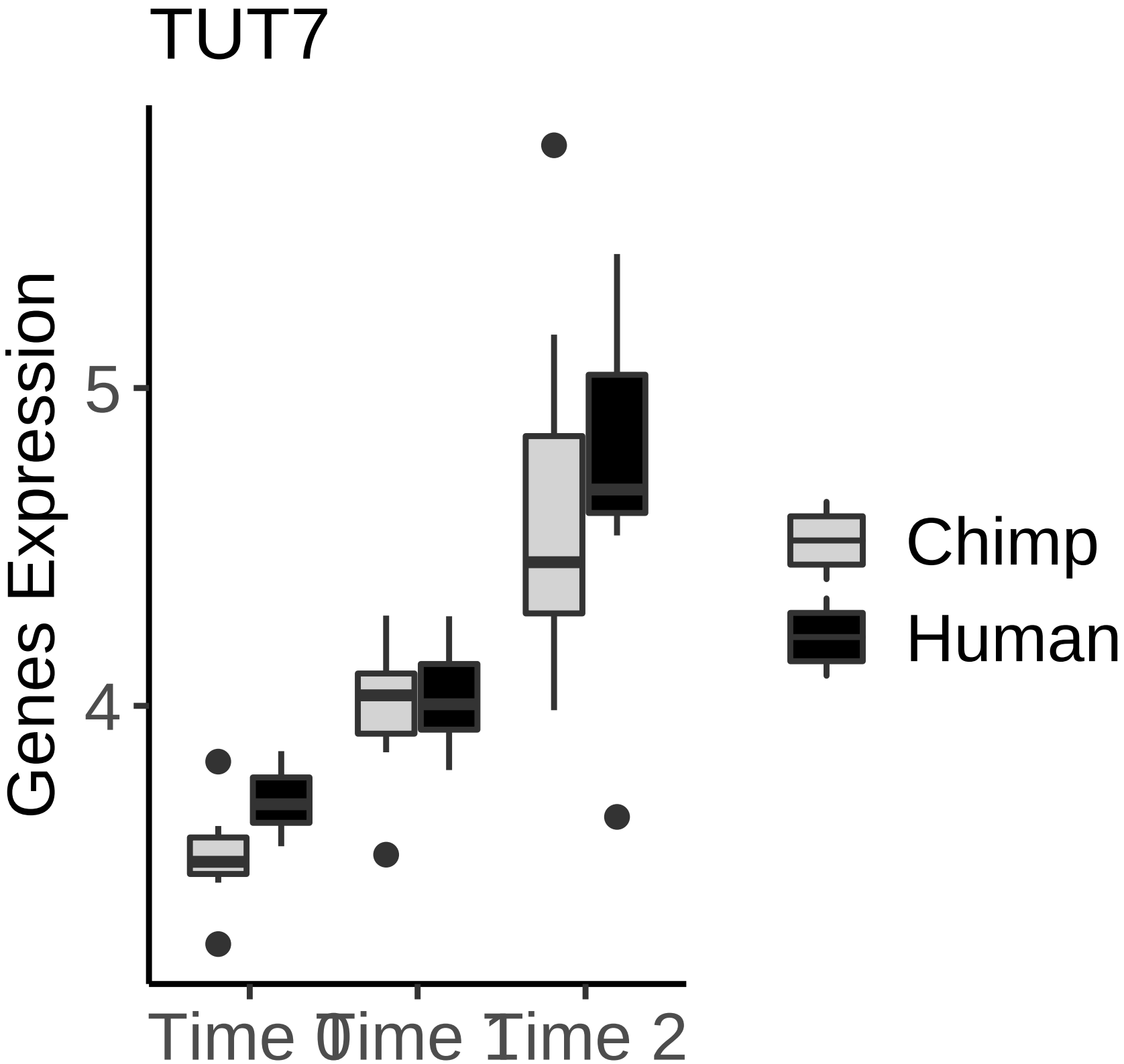
Time 2
Chimp
Human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5
4
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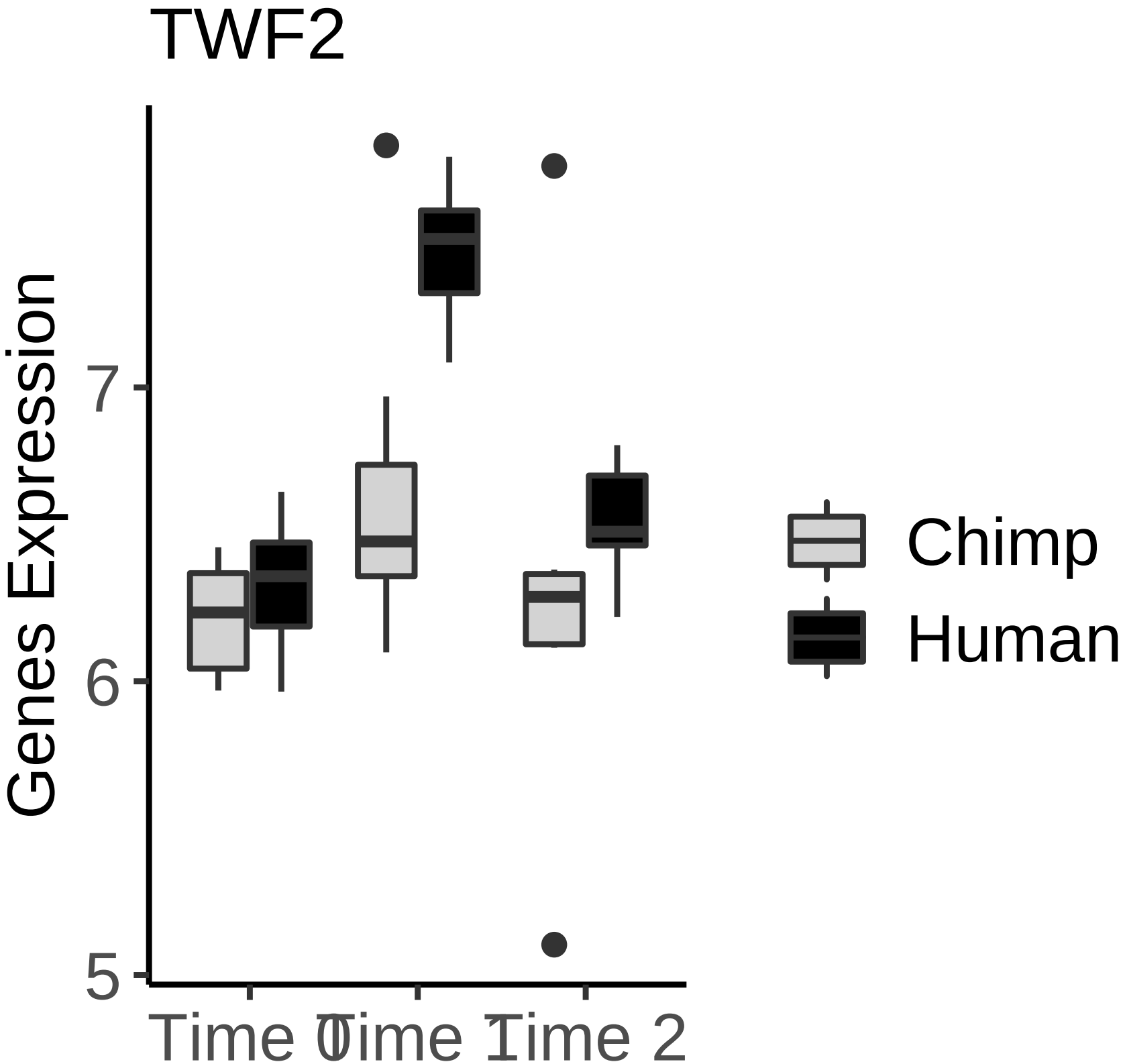
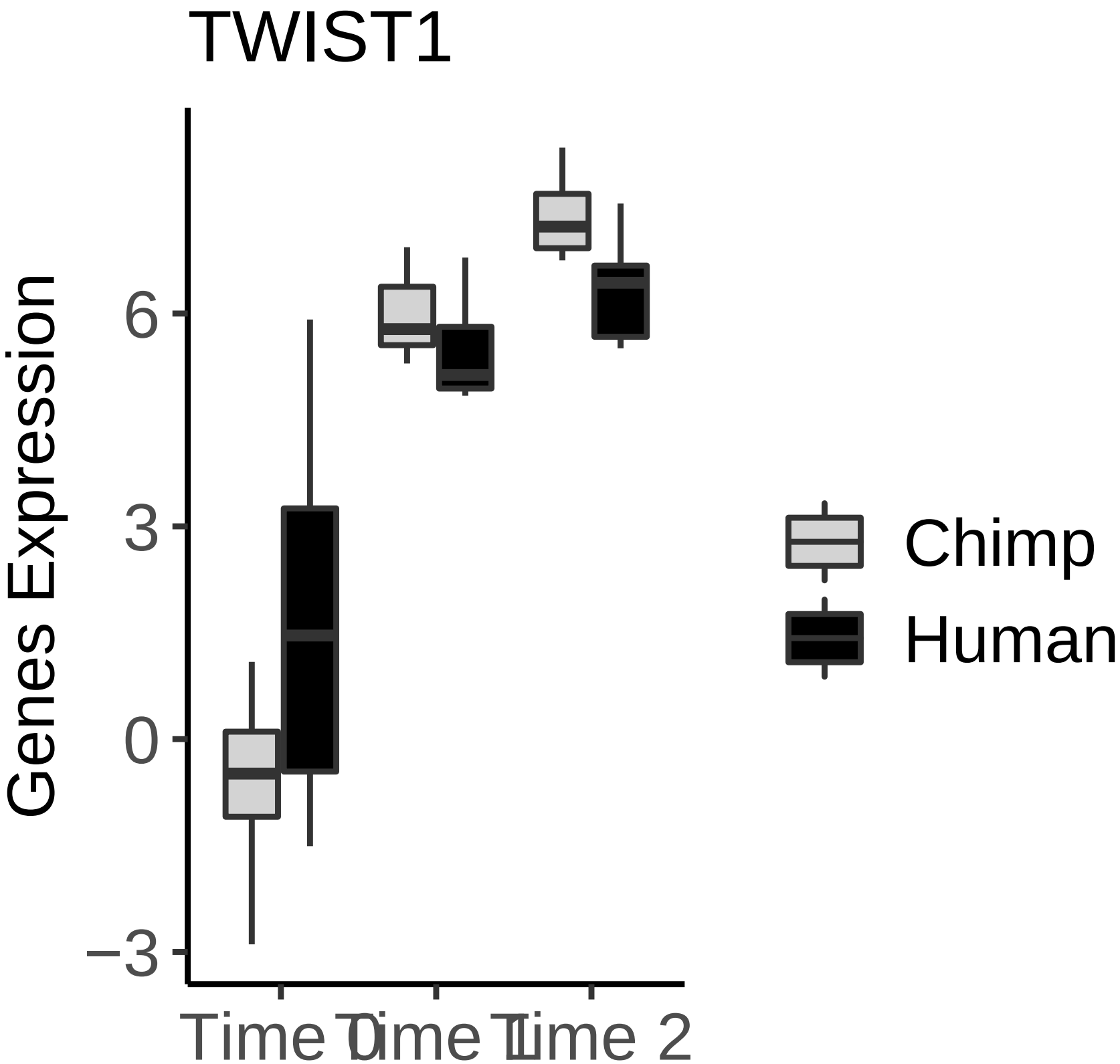
Time 1
Time 2
Chimp
Human


TWF2
Genes Expression
7
6
5
Time 0
Time 1
Time 2
Chimp
Human


TWIST1
Genes Expression
6
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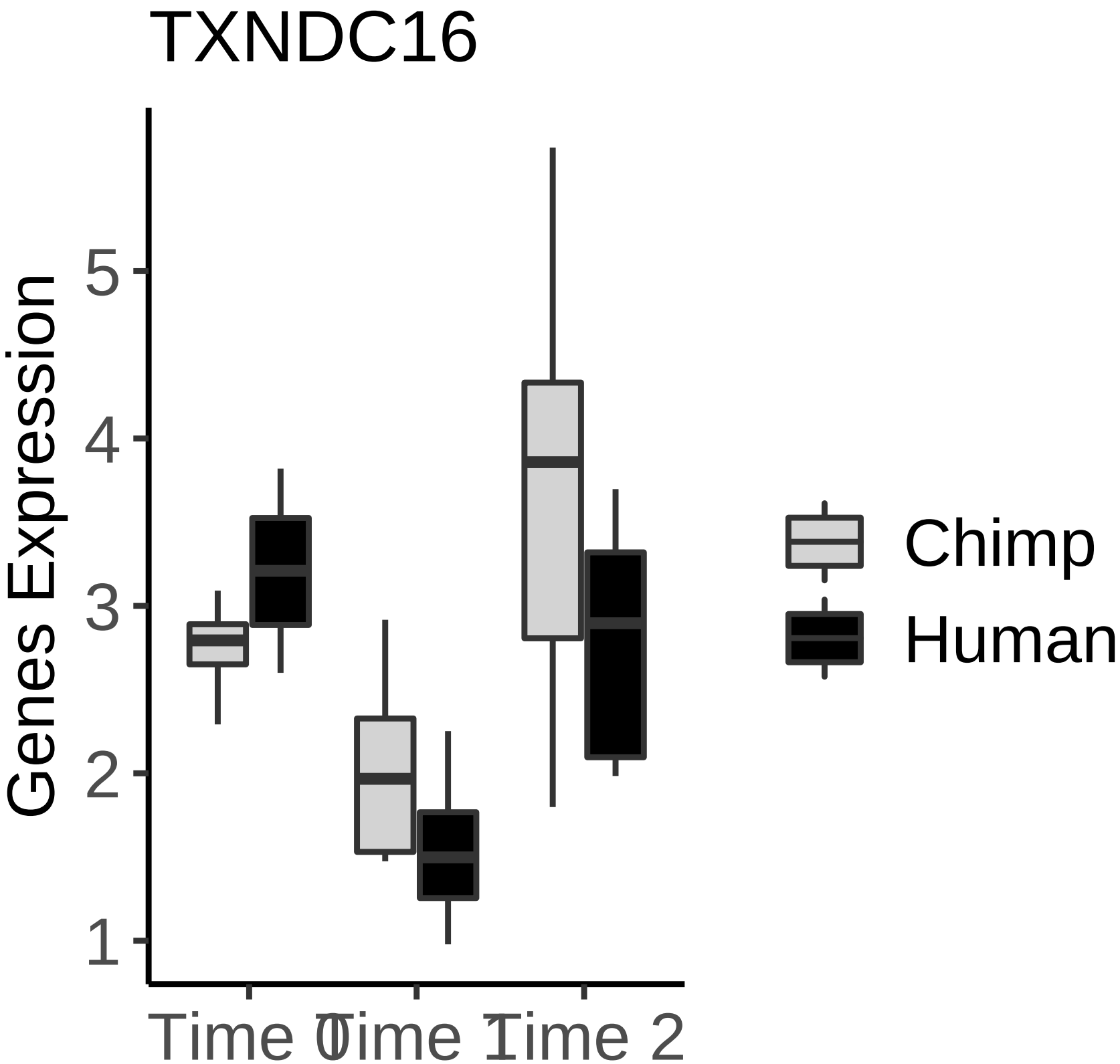
−3
Time 0
Time 1
Time 2
Chimp
Human


TXNDC16
Genes Expression
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1
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Time 1
Time 2
Chimp
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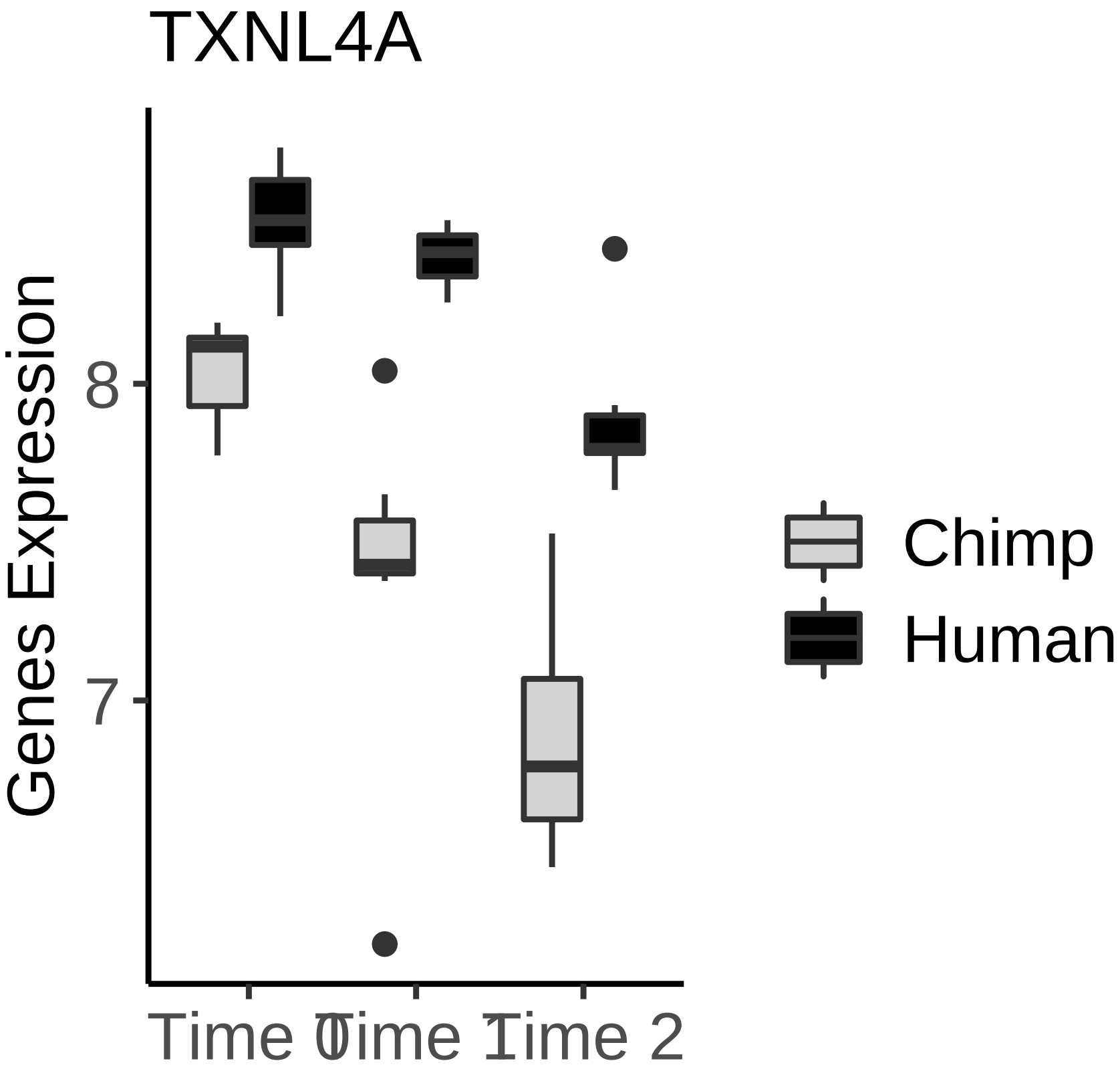
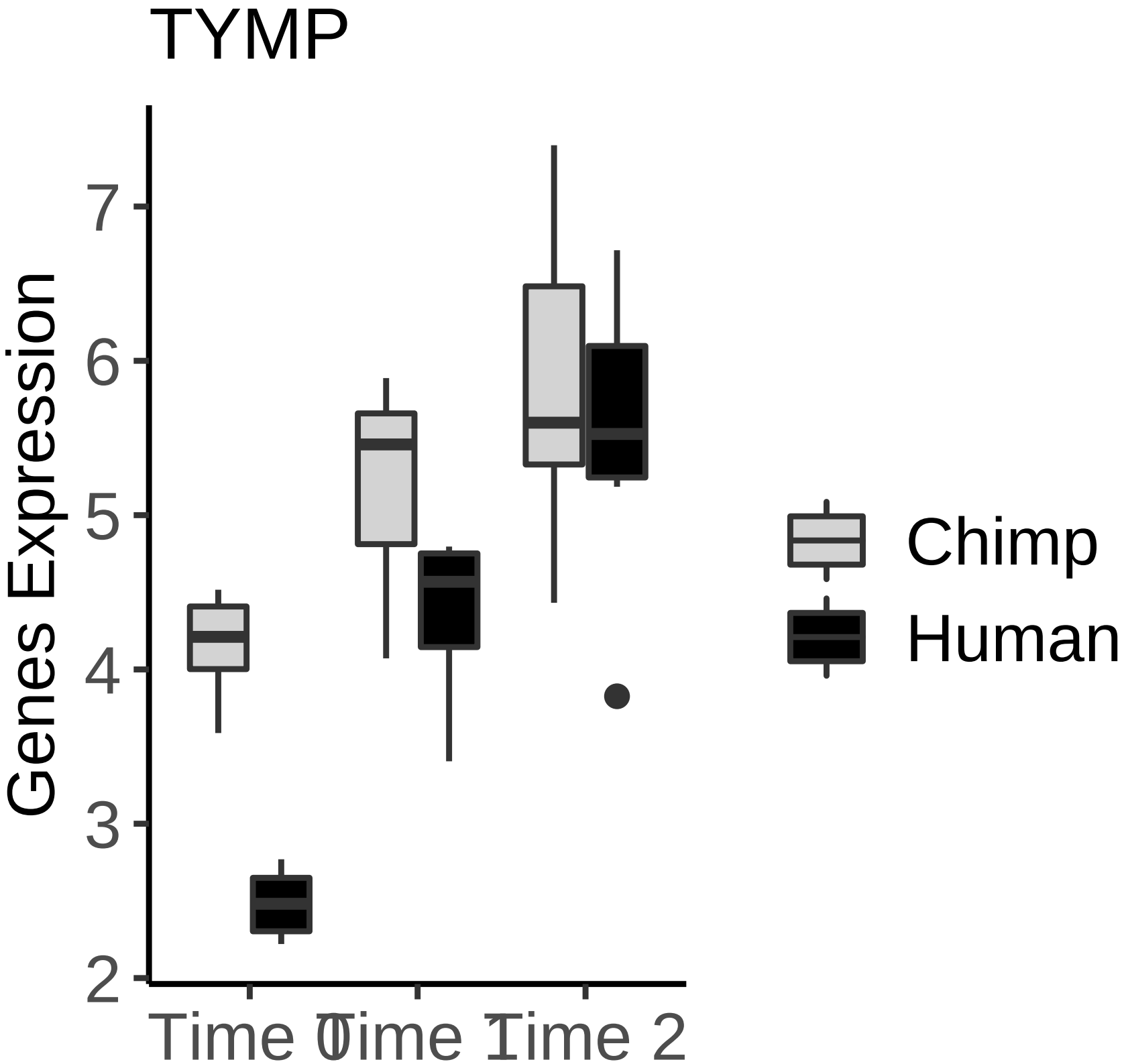
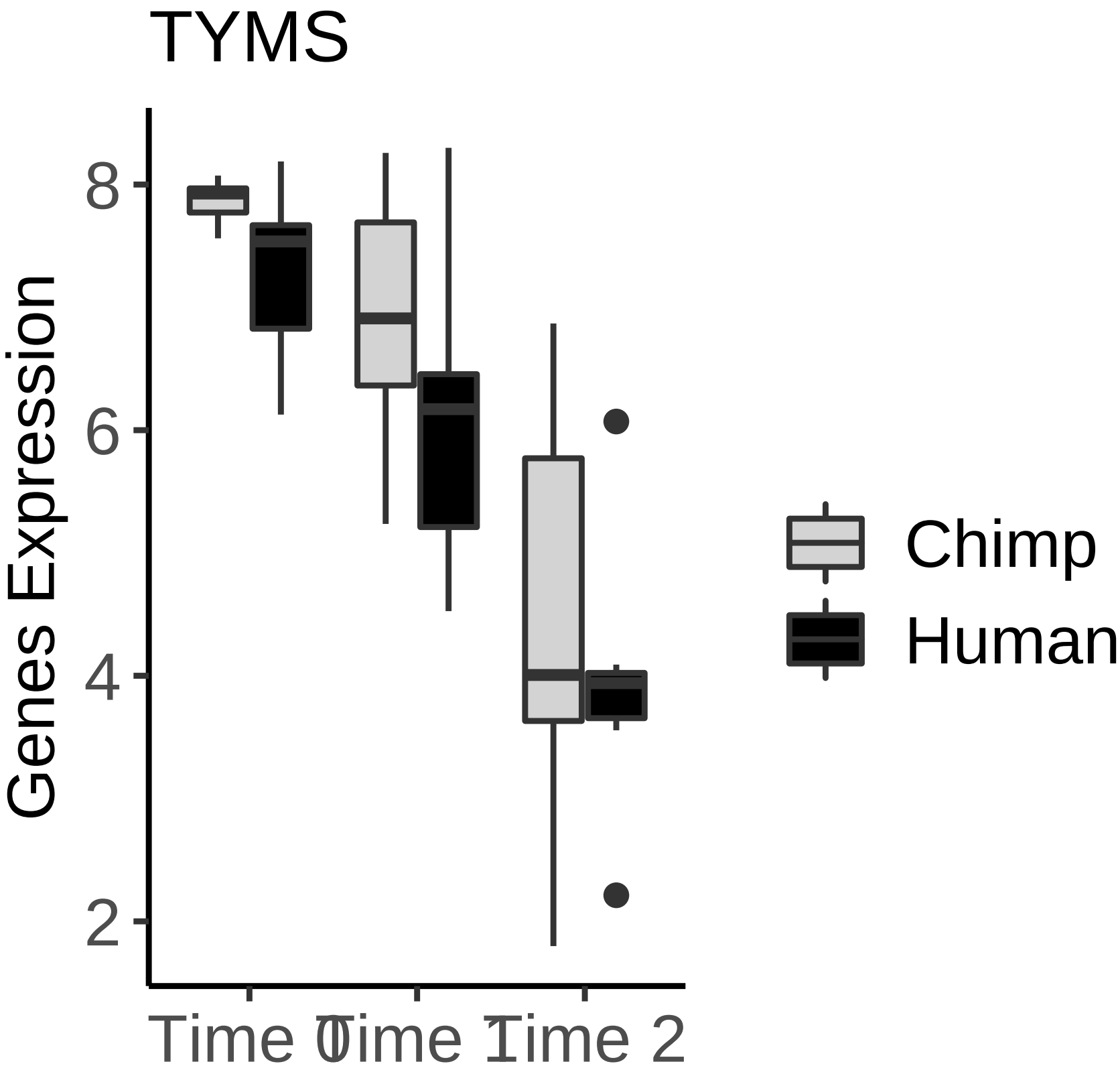

TXNL4A
Genes Expression
8
7
Time 0
Time 1
Time 2
Chimp
Human


TYMP
Genes Expression
7
6
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human


TYMS
Genes Expression
8
6
4
2
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Chimp
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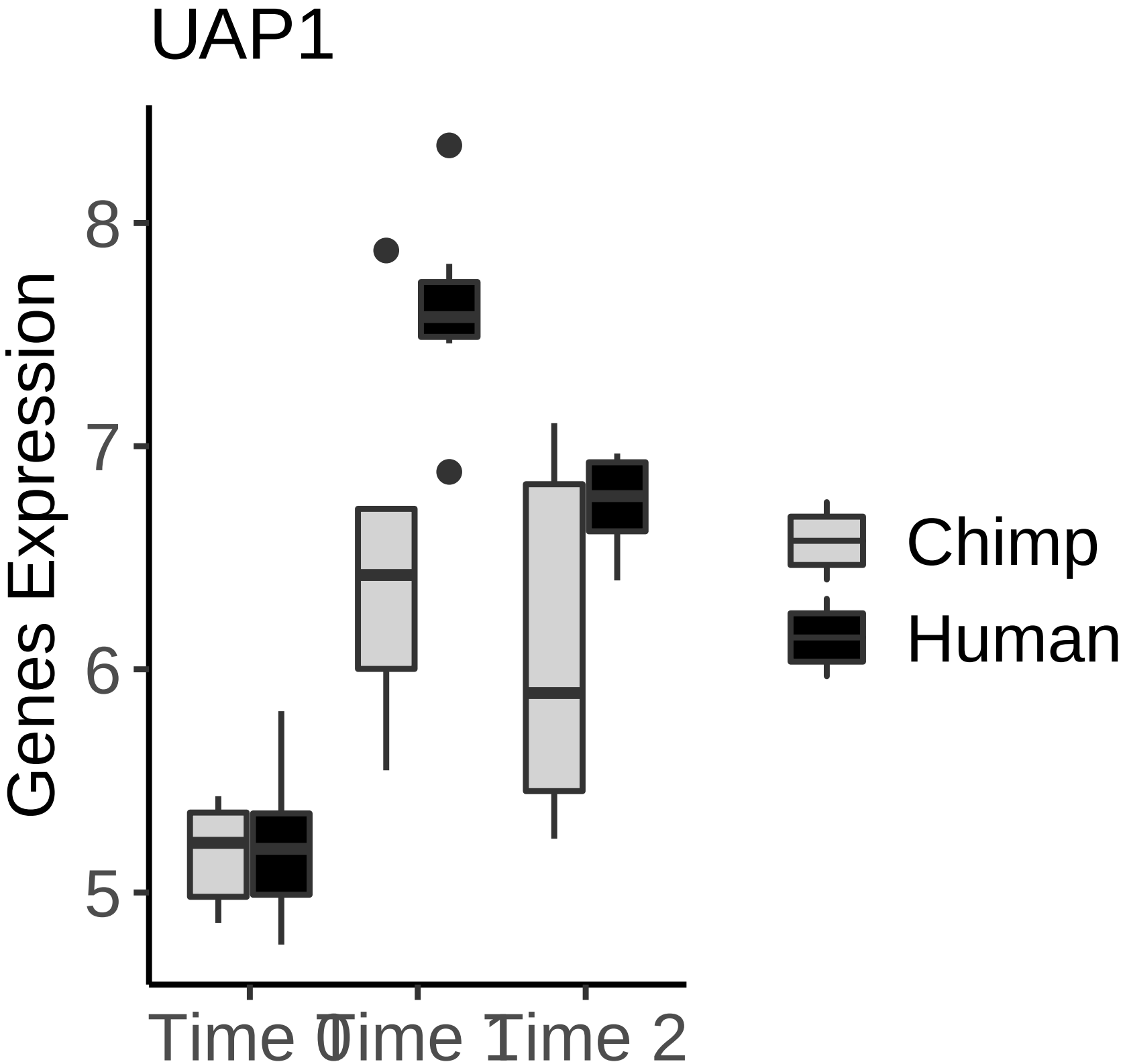
UAP1
Genes Expression
8
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6
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Time 0
Time 1
Time 2
Chimp
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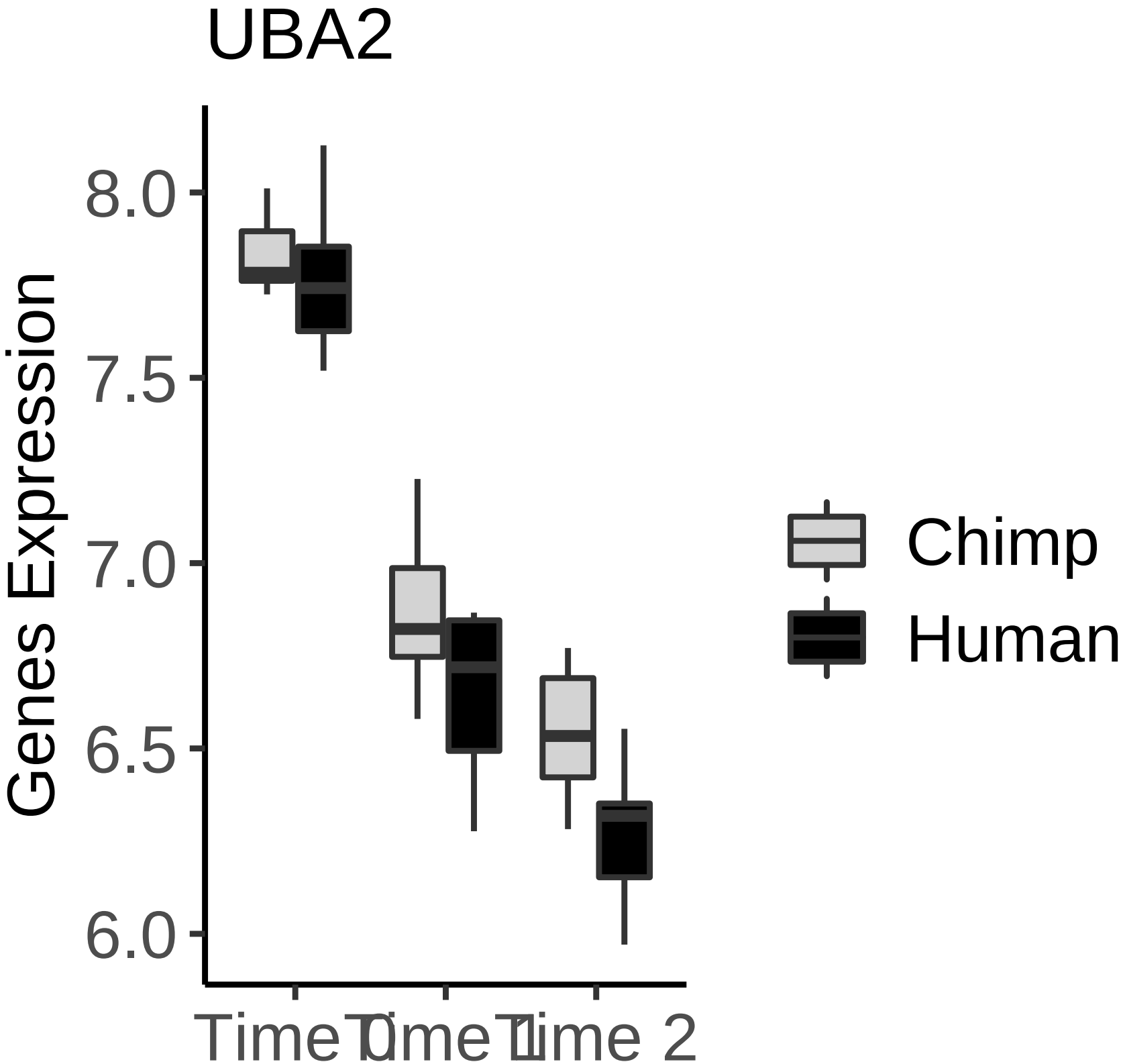
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6.0
Time 0
Time 1
Time 2
Chimp
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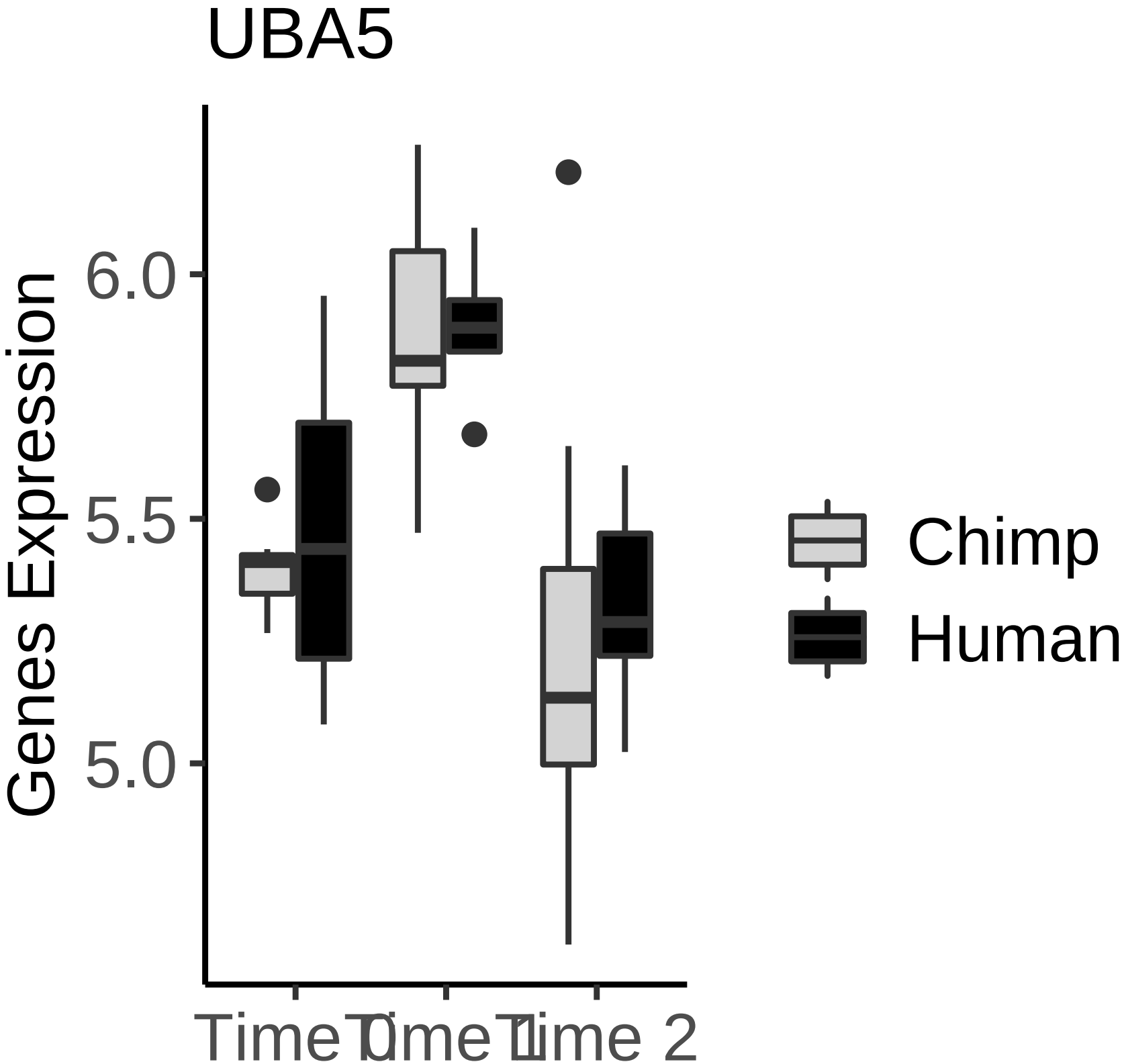
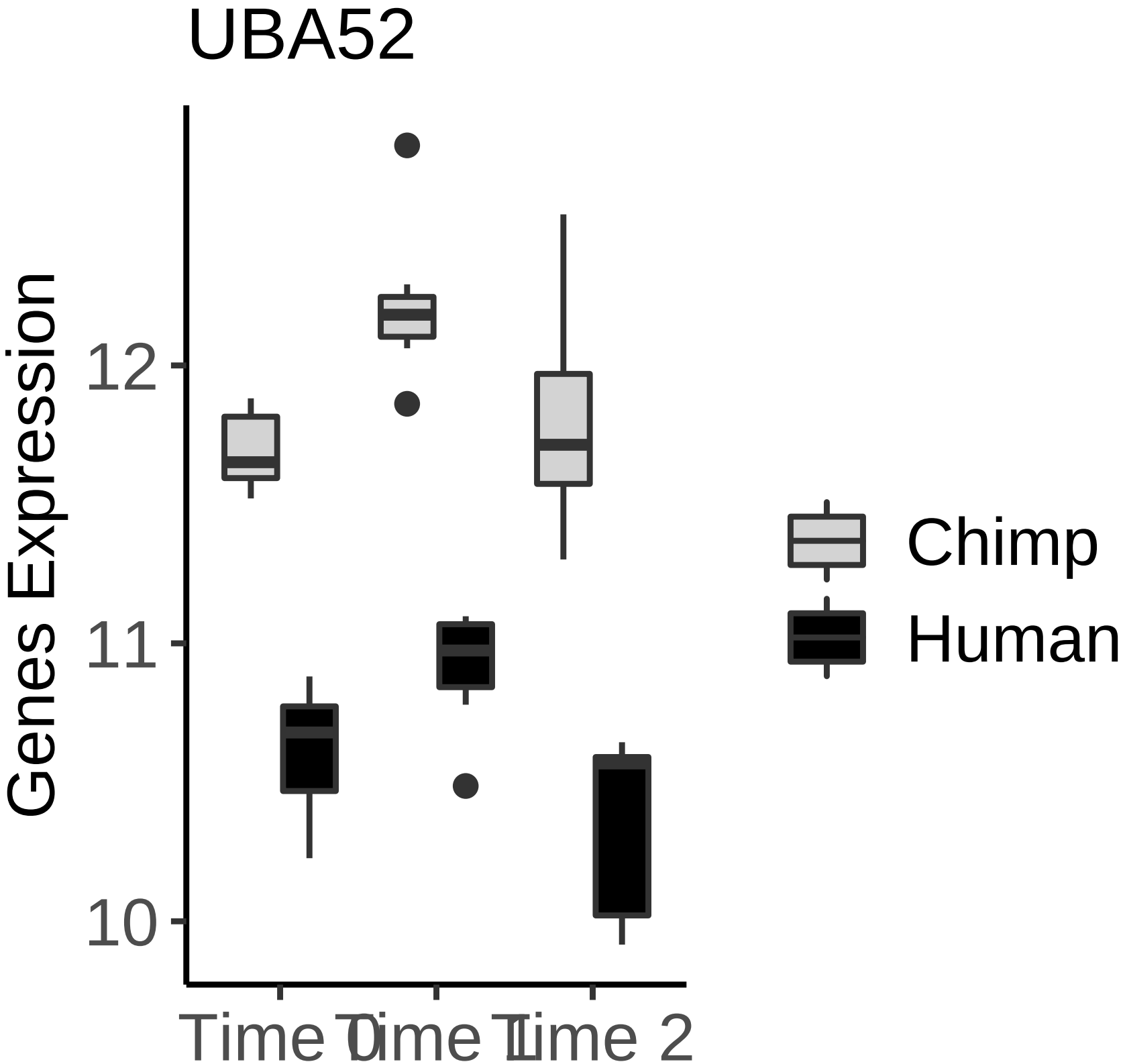

UBA5
Genes Expression
6.0
5.5
5.0
Time 0
Time 1
Time 2
Chimp
Human


UBA52
Genes Expression
12
11
10
Time 0
Time 1
Time 2
Chimp
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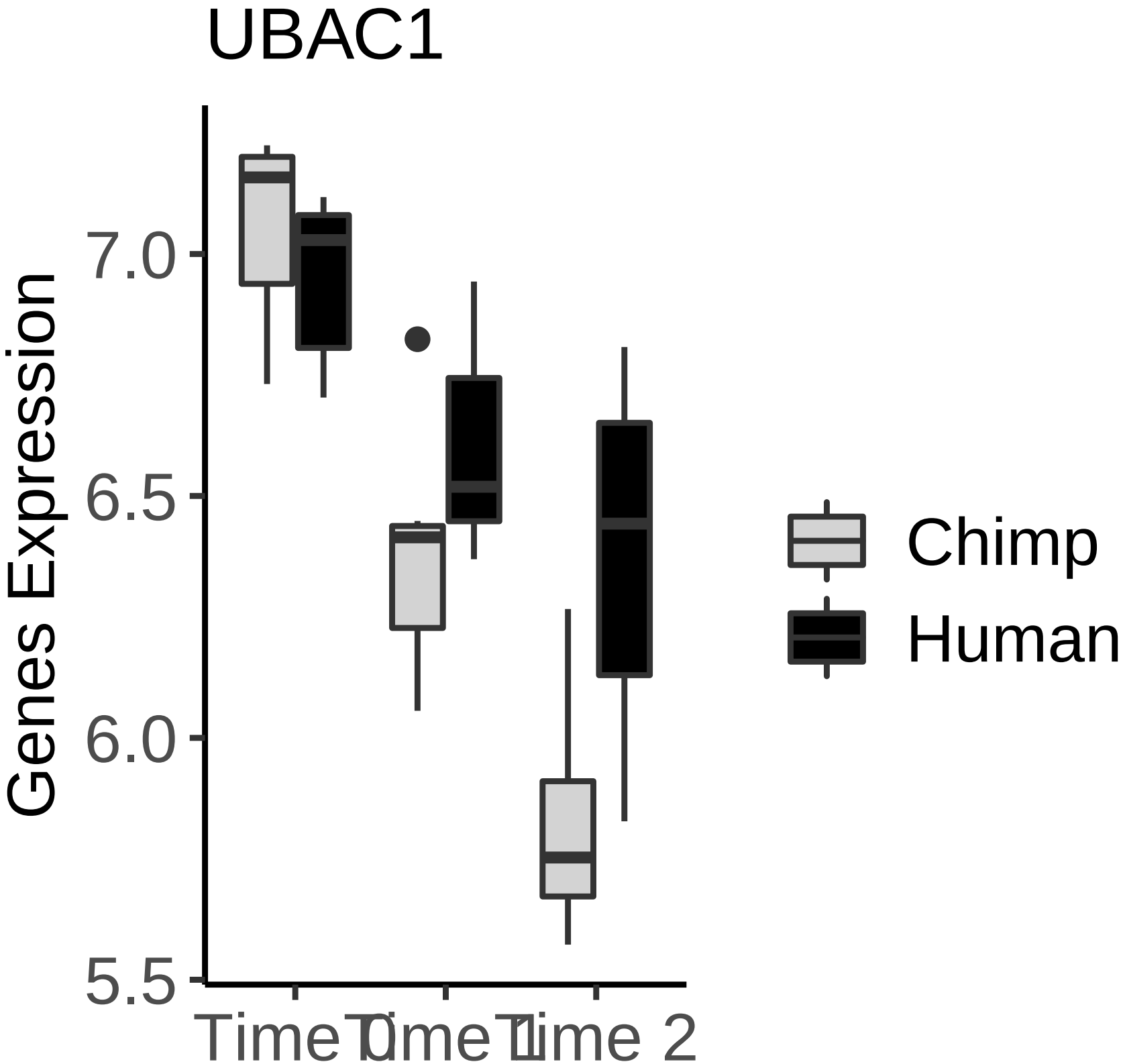
UBAC1
Genes Expression
7.0
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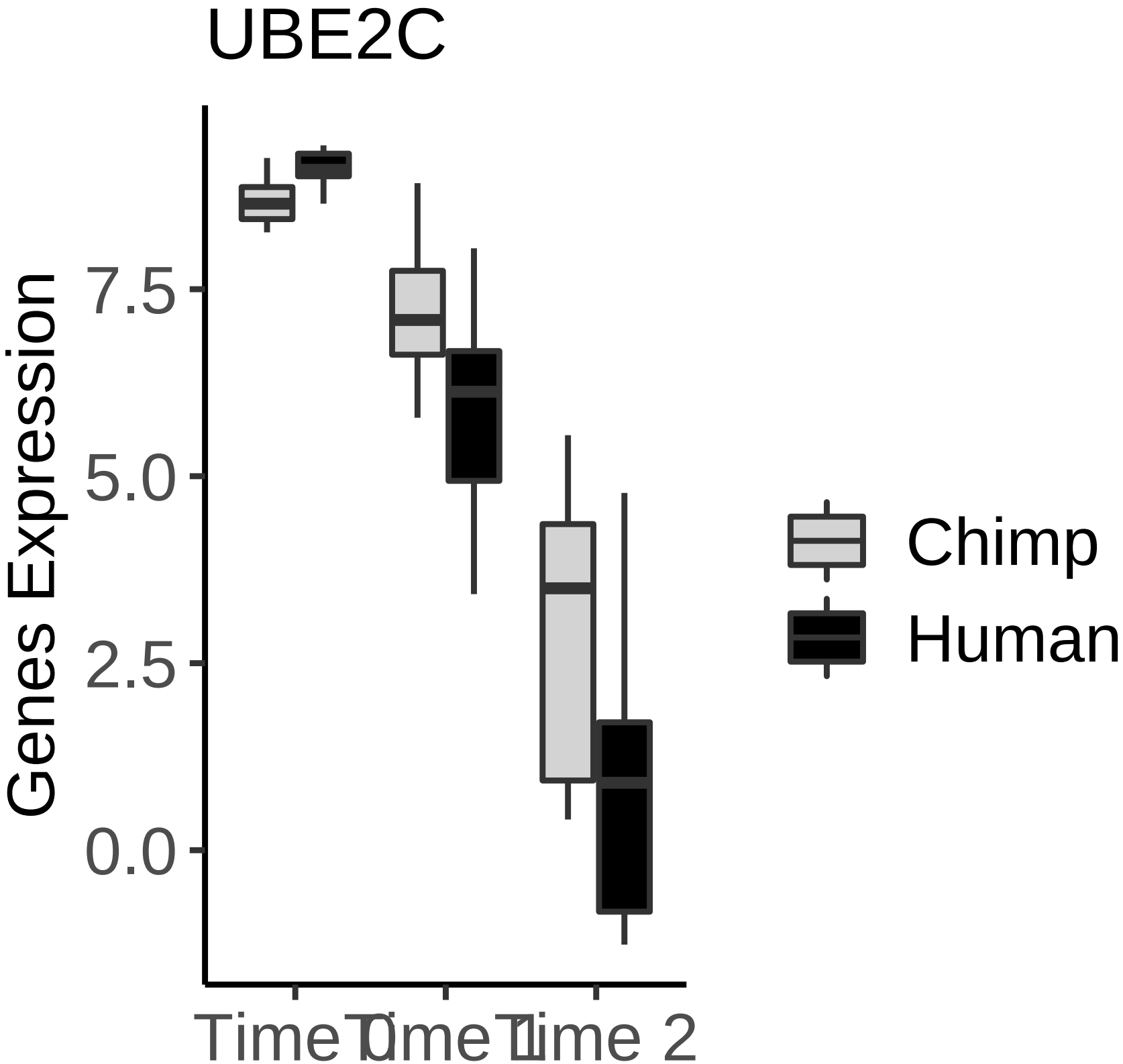
5.5
Time 0
Time 1
Time 2
Chimp
Human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Genes Expression
7.5
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0.0
Time 0
Time 1
Time 2
Chimp
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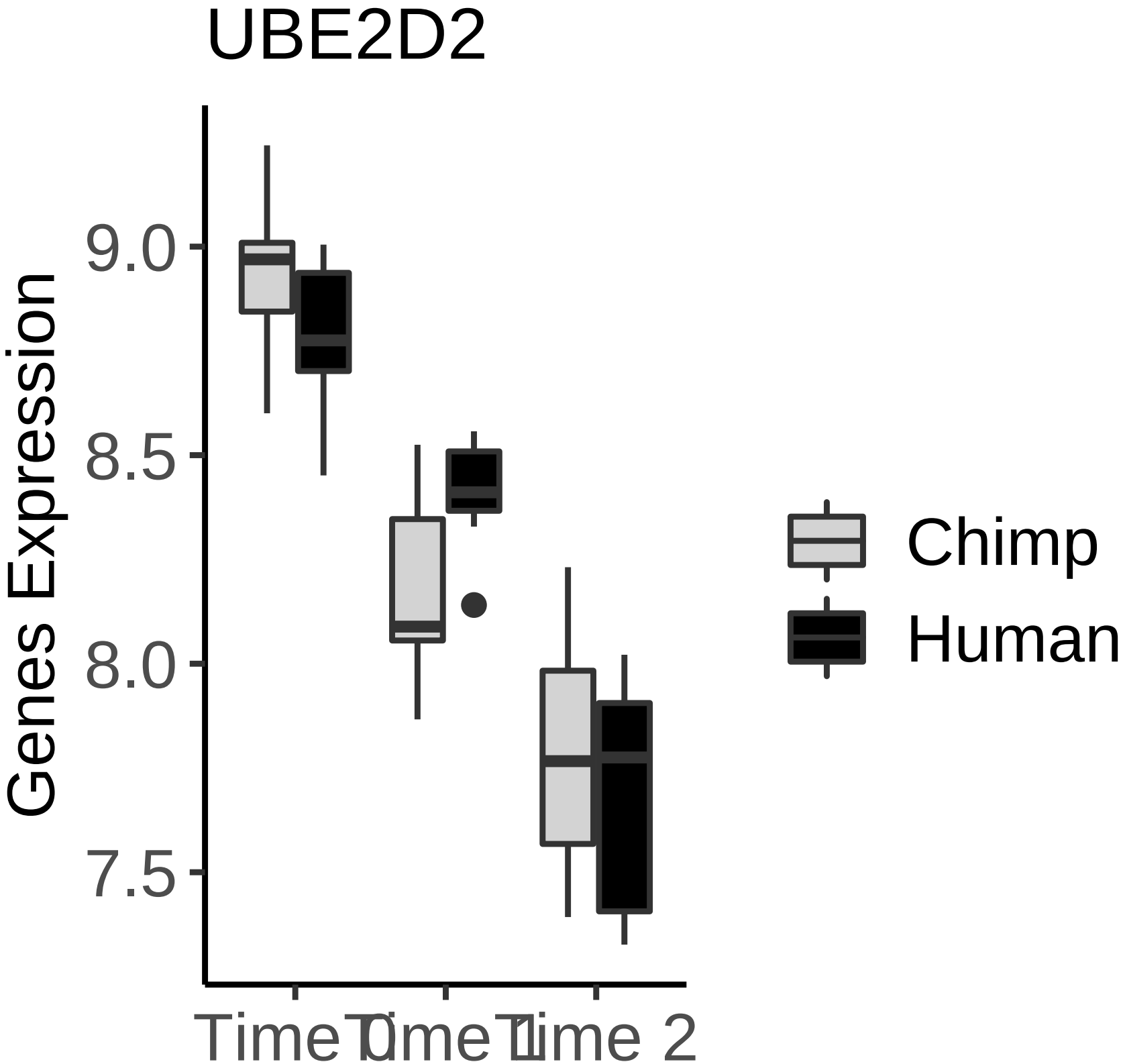
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Genes Expression
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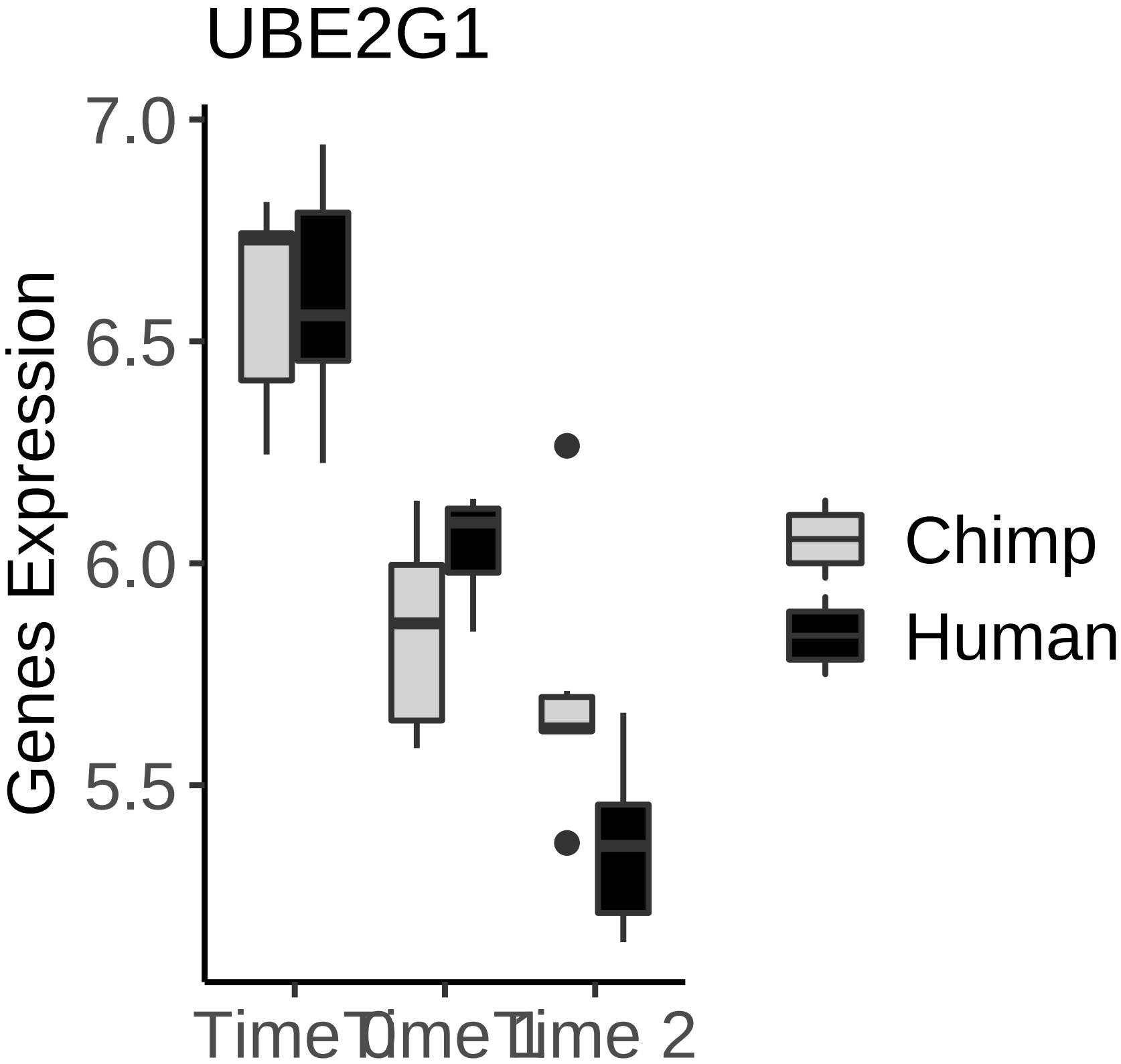
8.0
7.5
Time 0
Time 1
Time 2
Chimp
Human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5.5
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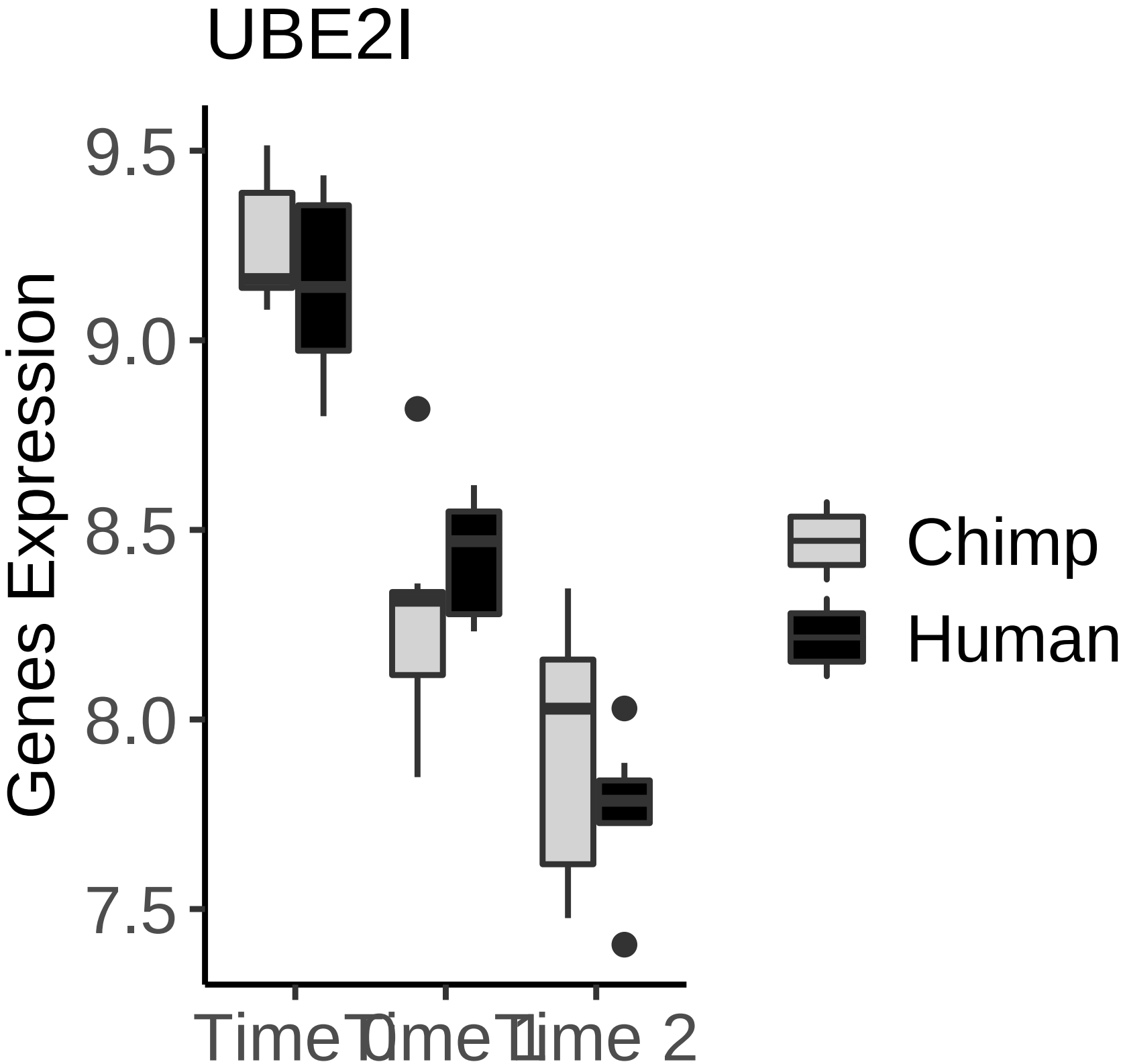
Time 2
Chimp
Human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9.5
9.0
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8.0
7.5
Time 0
Time 1
Time 2
Chimp
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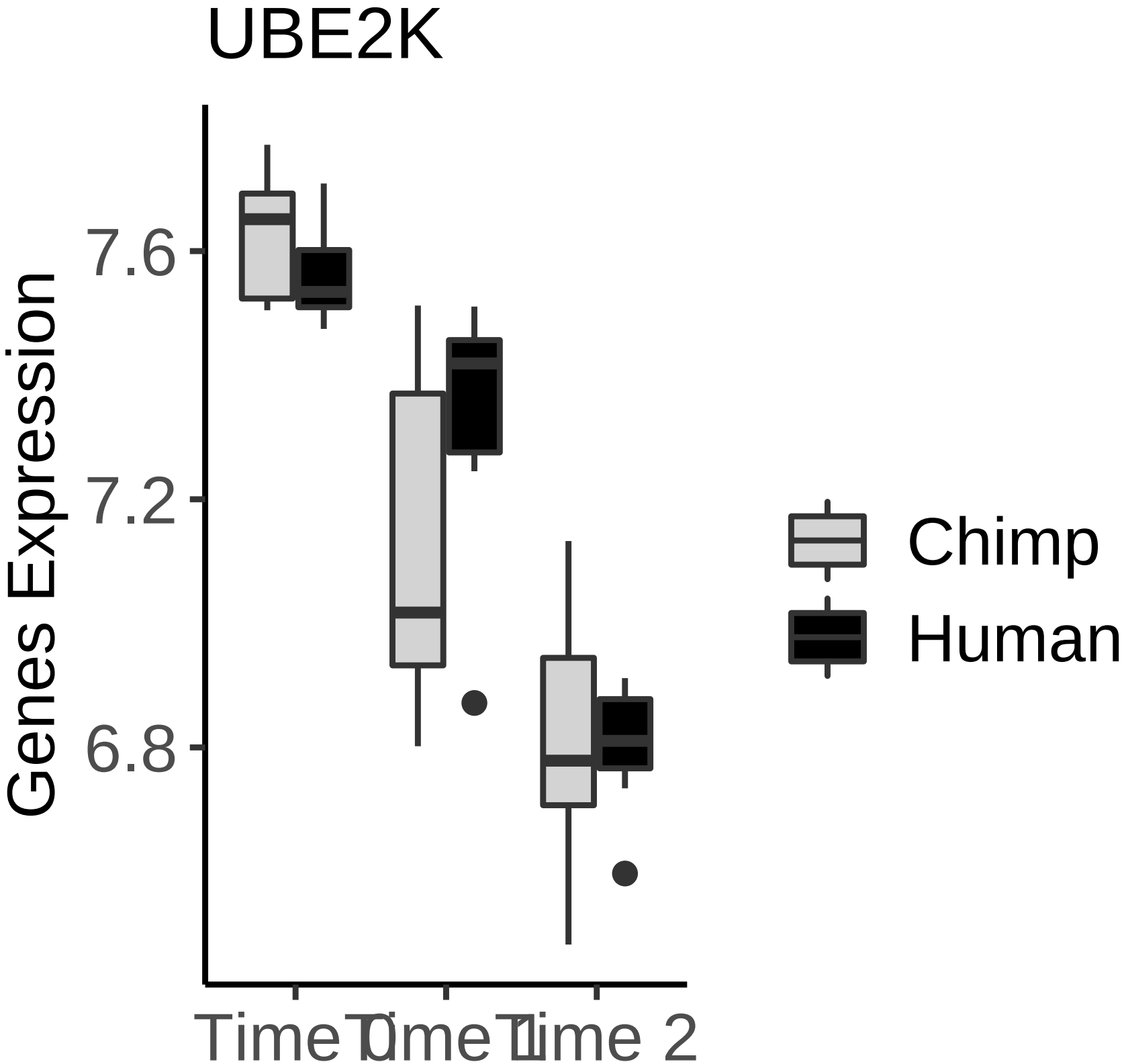
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Genes Expression
7.6
7.2
6.8
Time 0
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Time 2
Chimp
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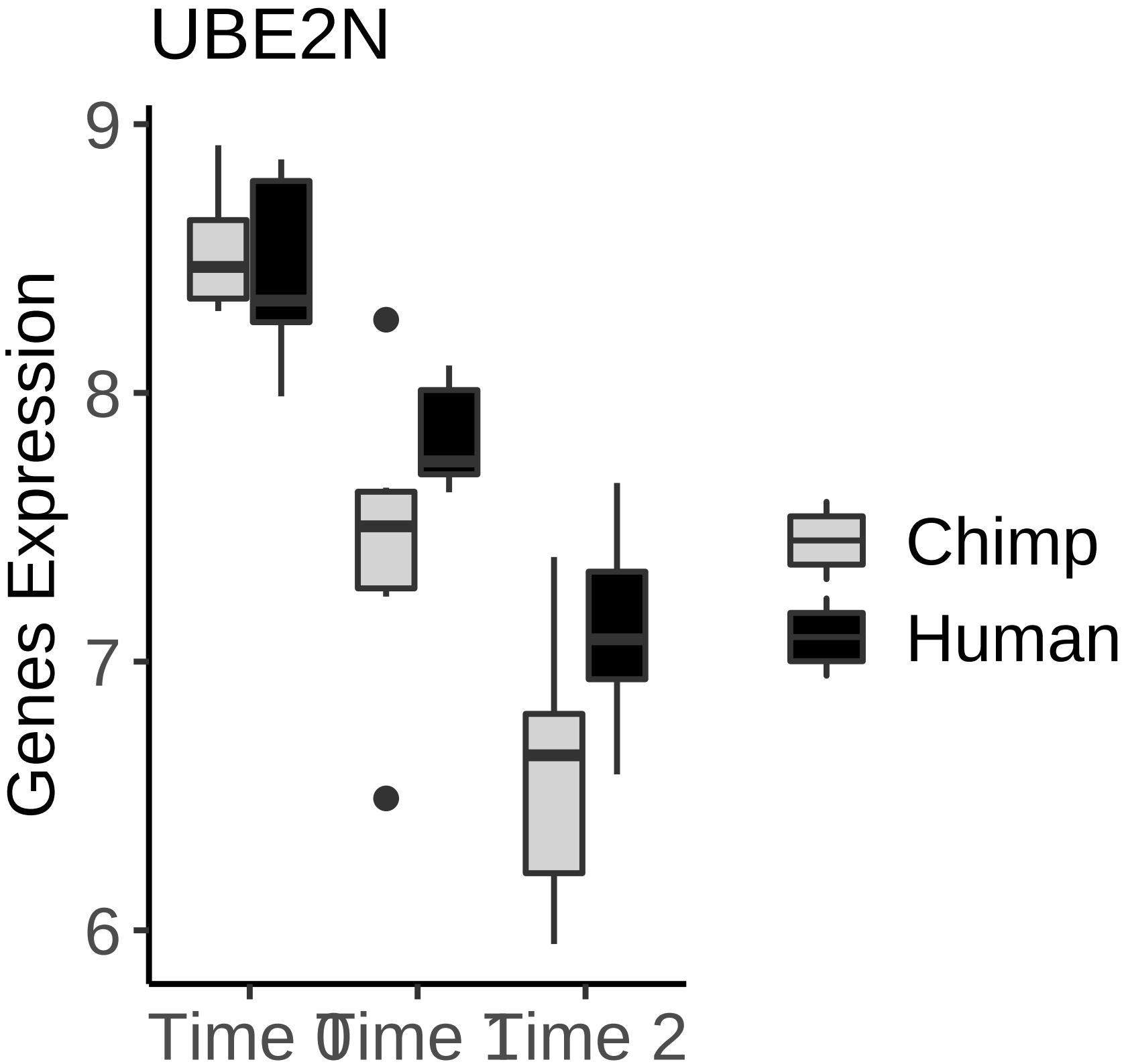
UBE2N
Genes Expression
9
8
7
6
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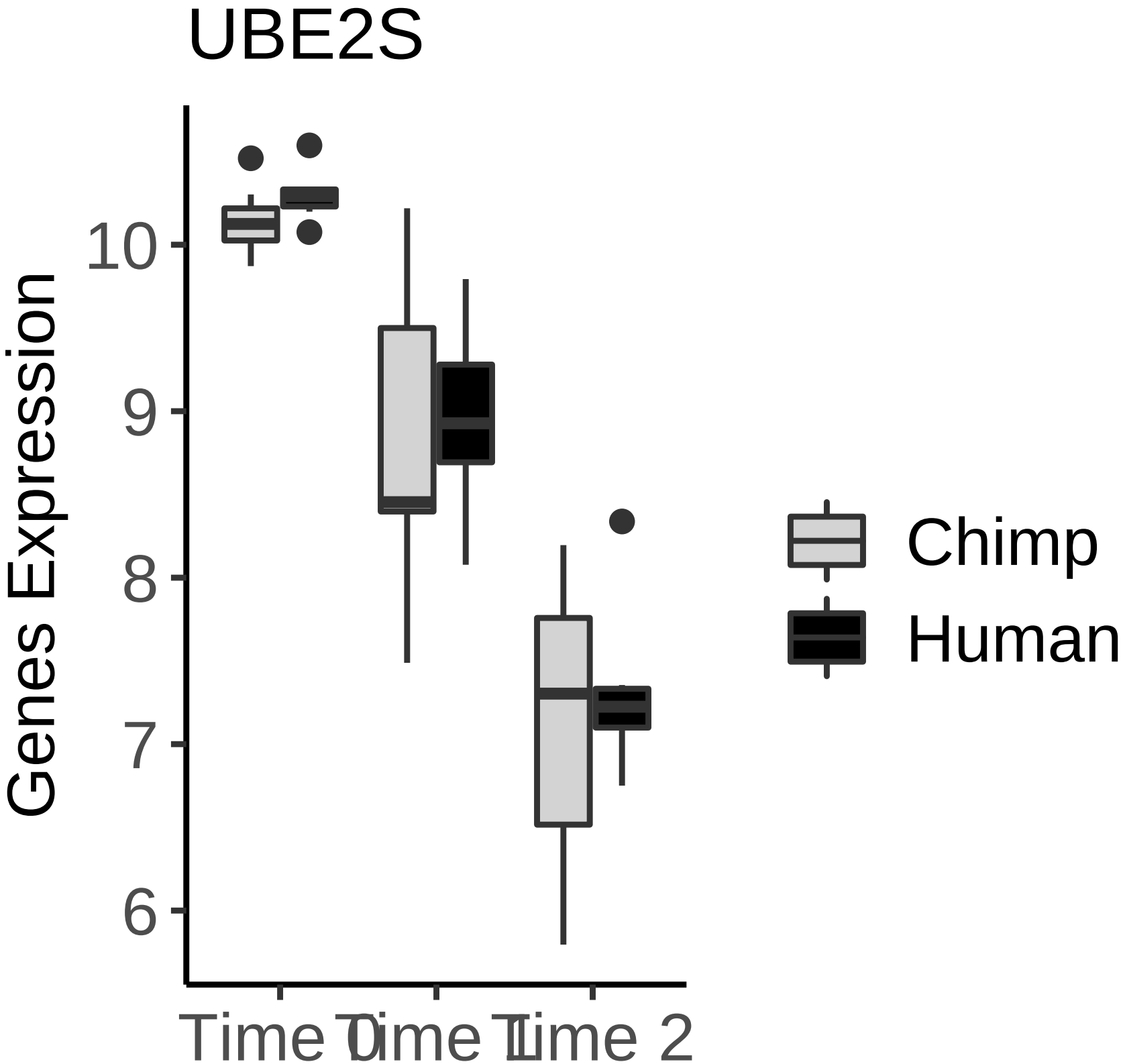
Time 1
Time 2
Chimp
Human


UBE2S
Genes Expression
10
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Time 2
Chimp
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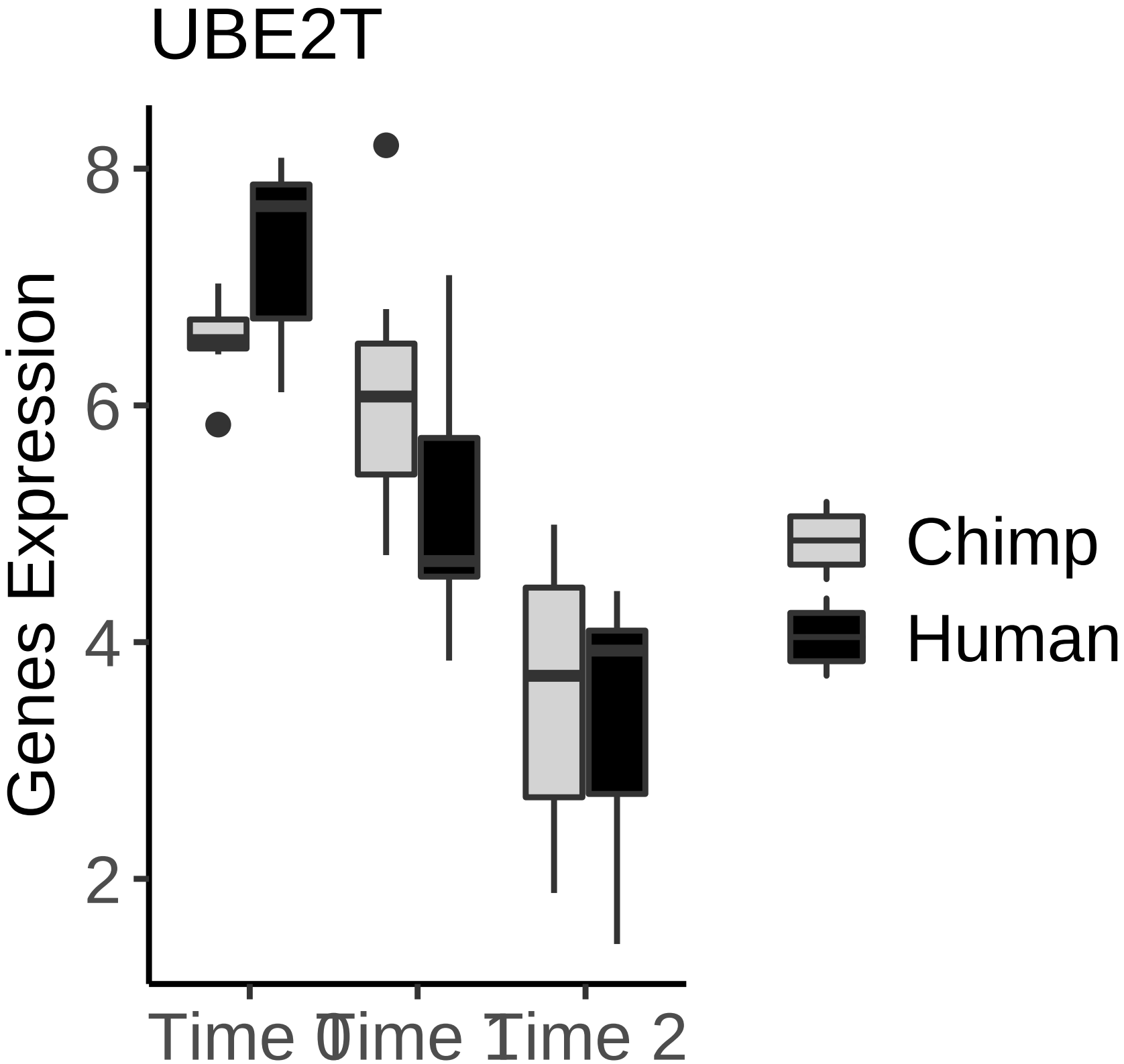
UBE2T
Genes Expression
8
6
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Time 2
Chimp
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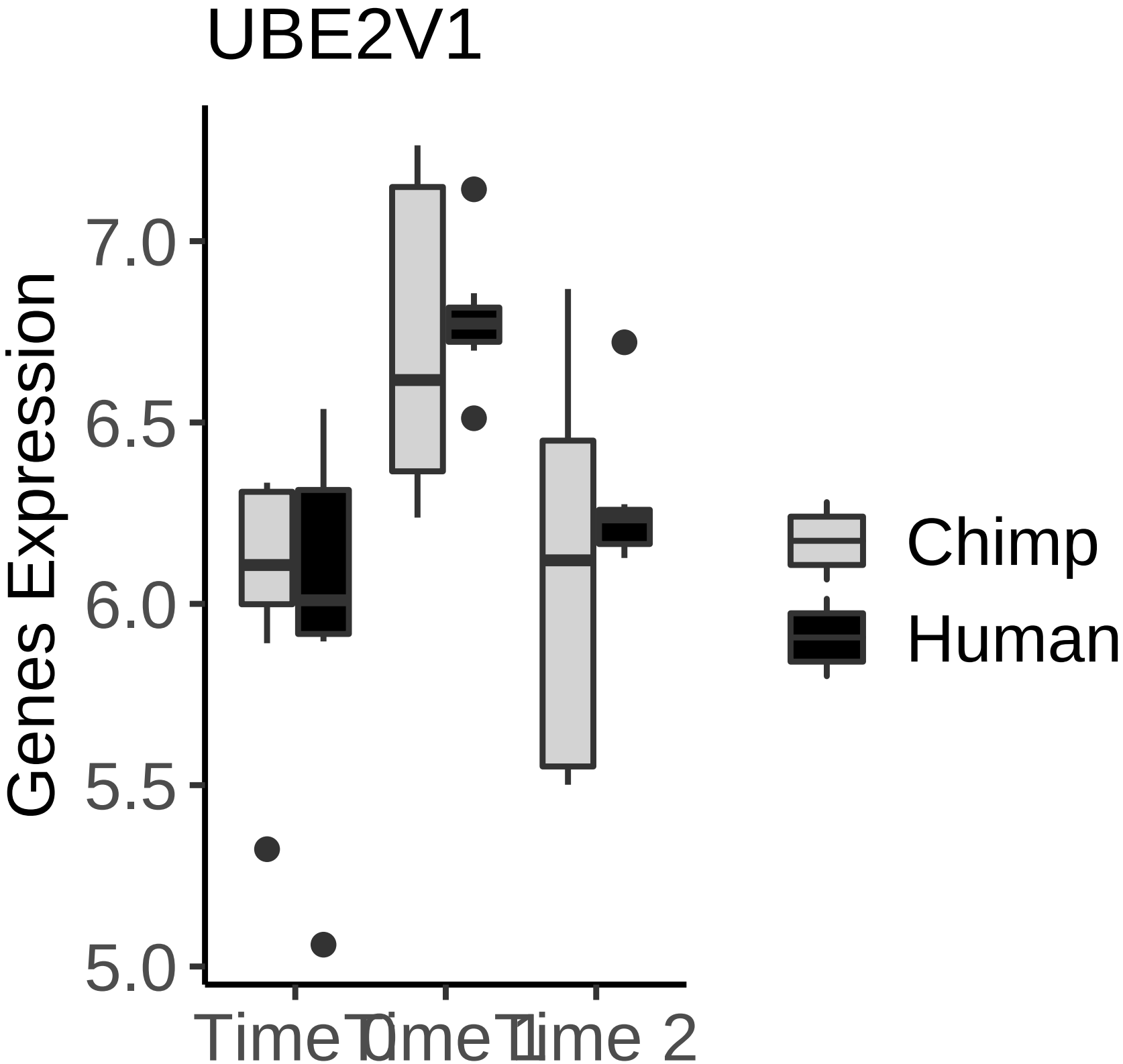
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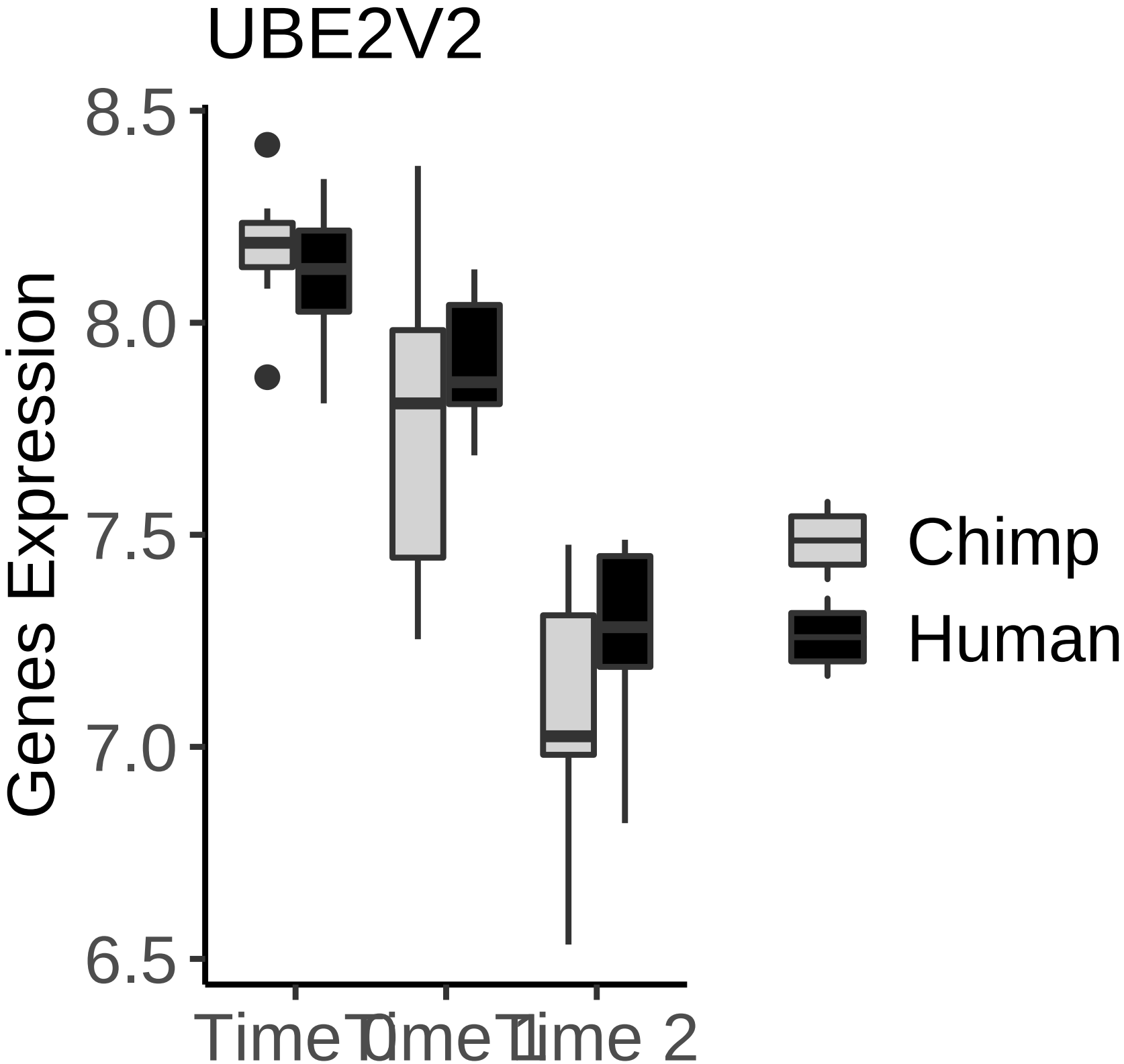
5.5
5.0
Time 0
Time 1
Time 2
Chimp
Human


UBE2V2
Genes Expression
8.5
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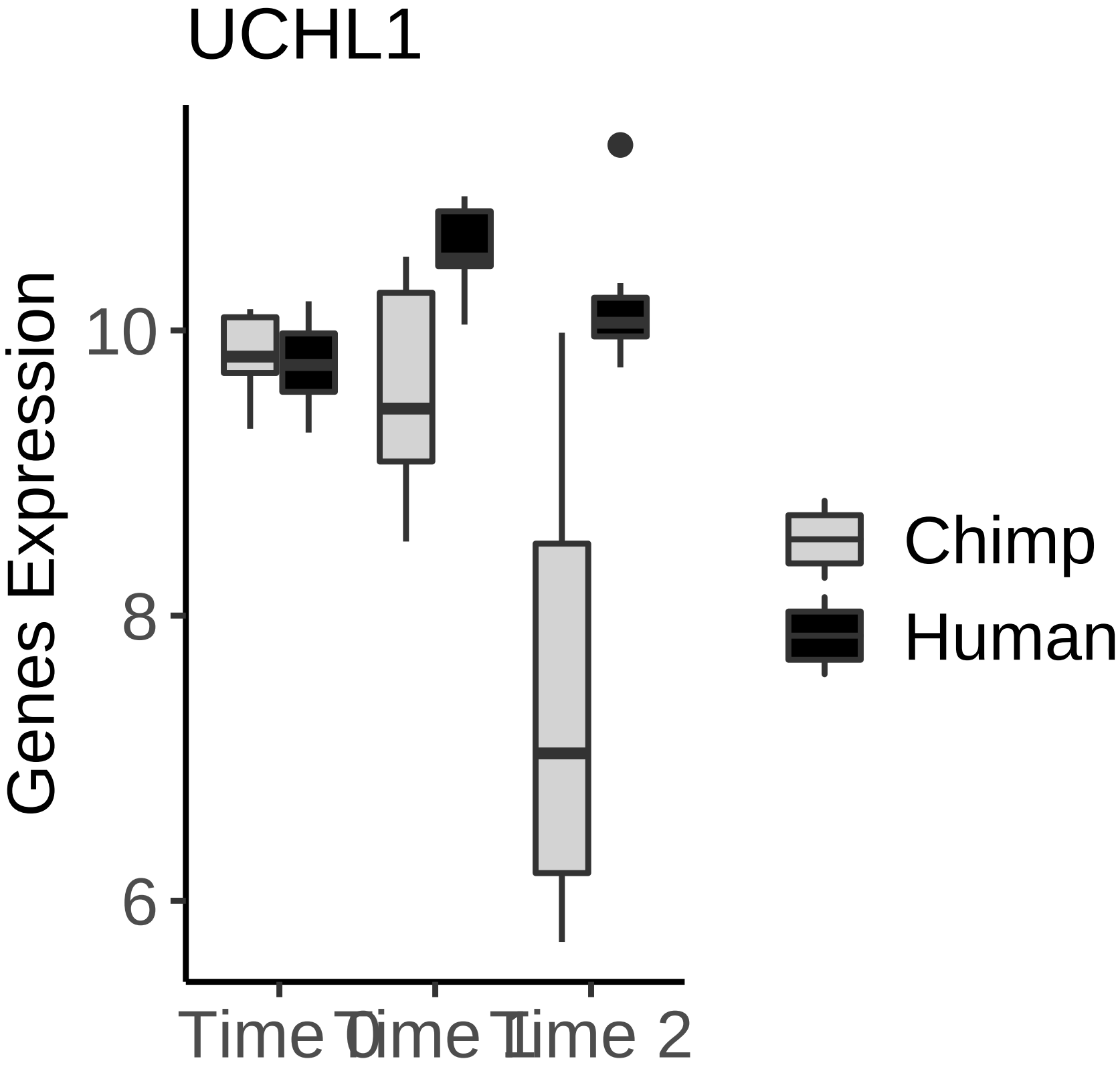
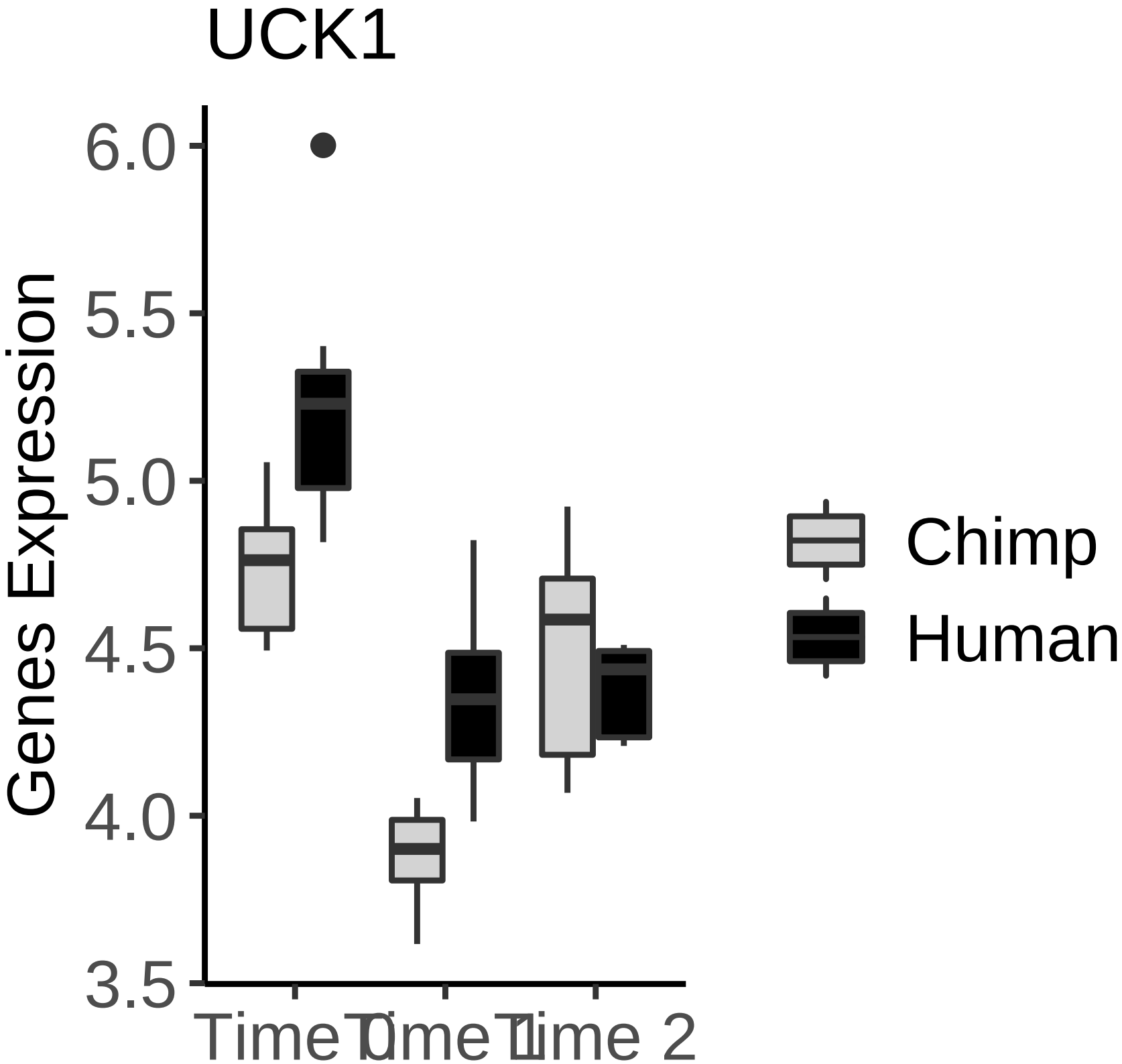
7.5
7.0
6.5
Time 0
Time 1
Time 2
Chimp
Human


UCHL1
Genes Expression
10
8
6
Time 0
Time 1
Time 2
Chimp
Human


UCK1
Genes Expression
6.0
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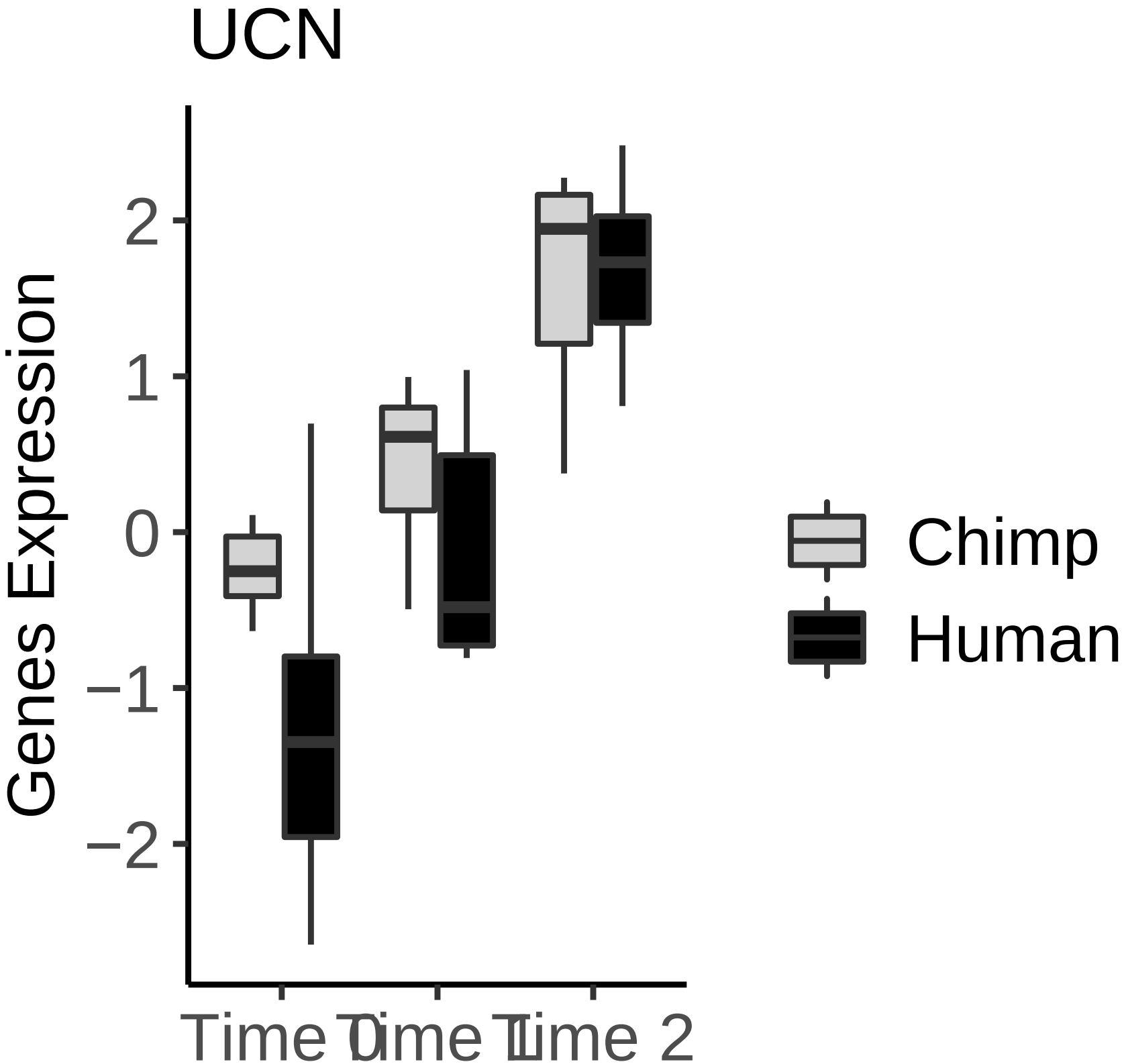
5.0
4.5
4.0
3.5
Time 0
Time 1
Time 2
Chimp
Human


UCN
Genes Expression
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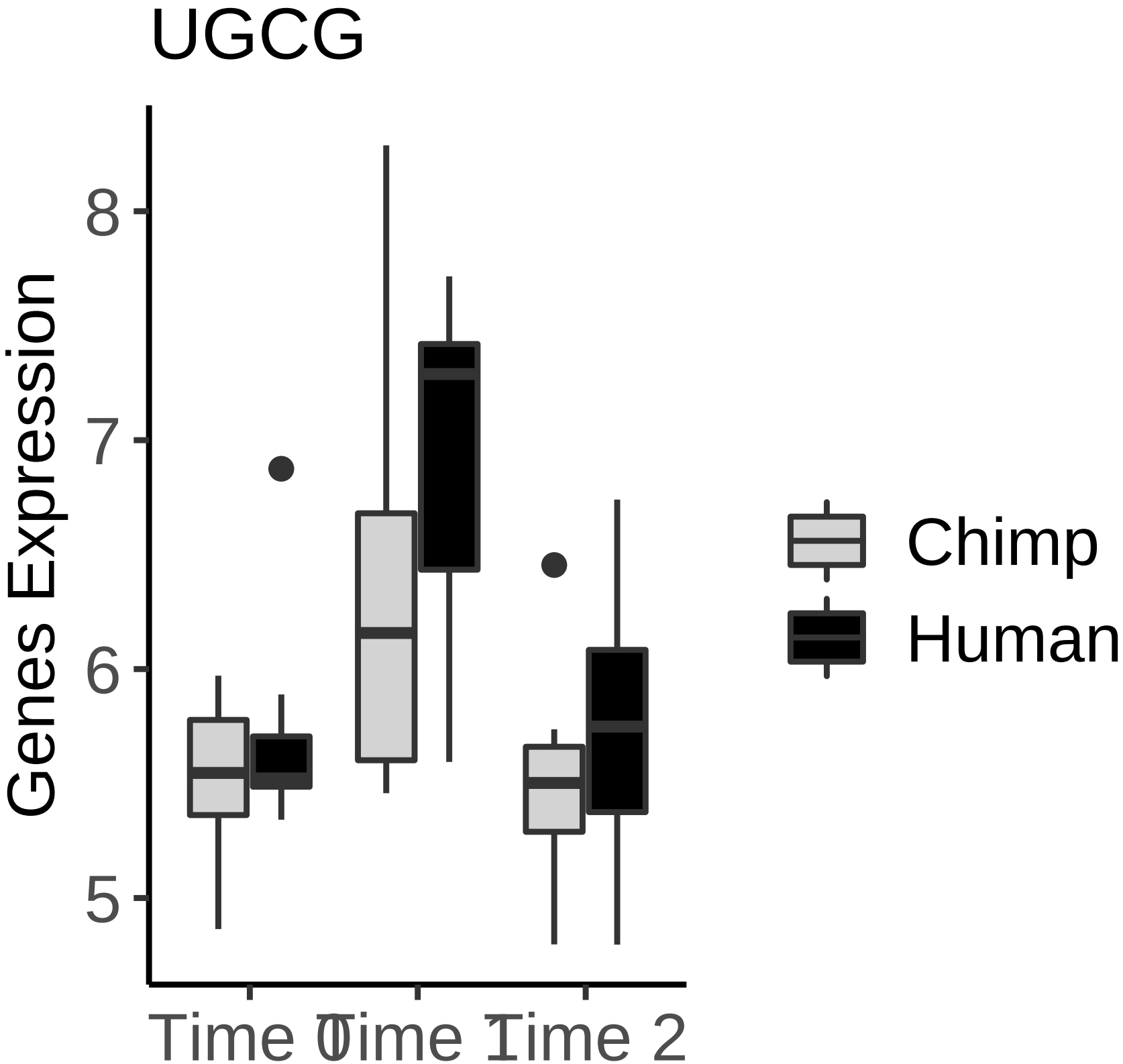
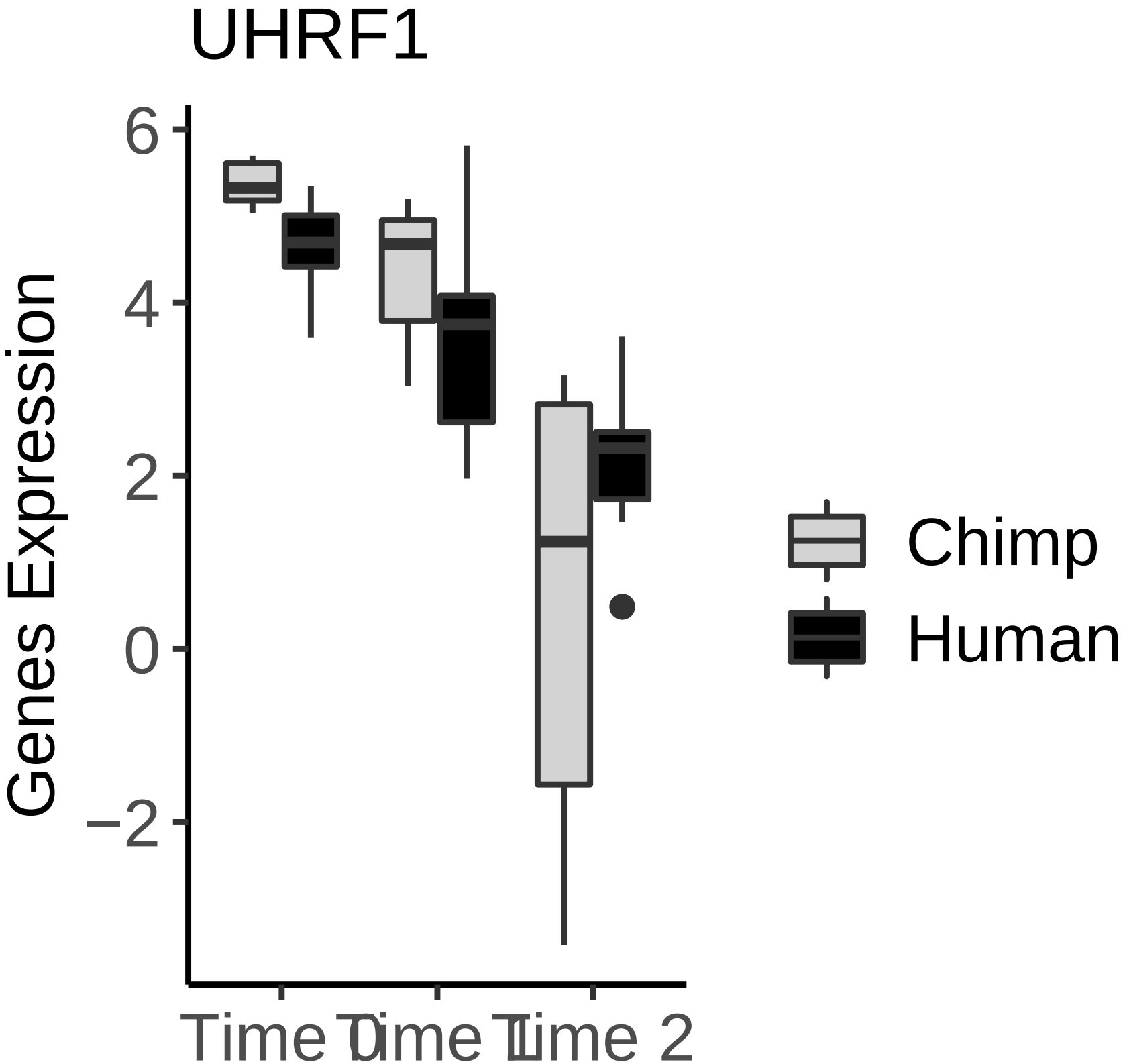
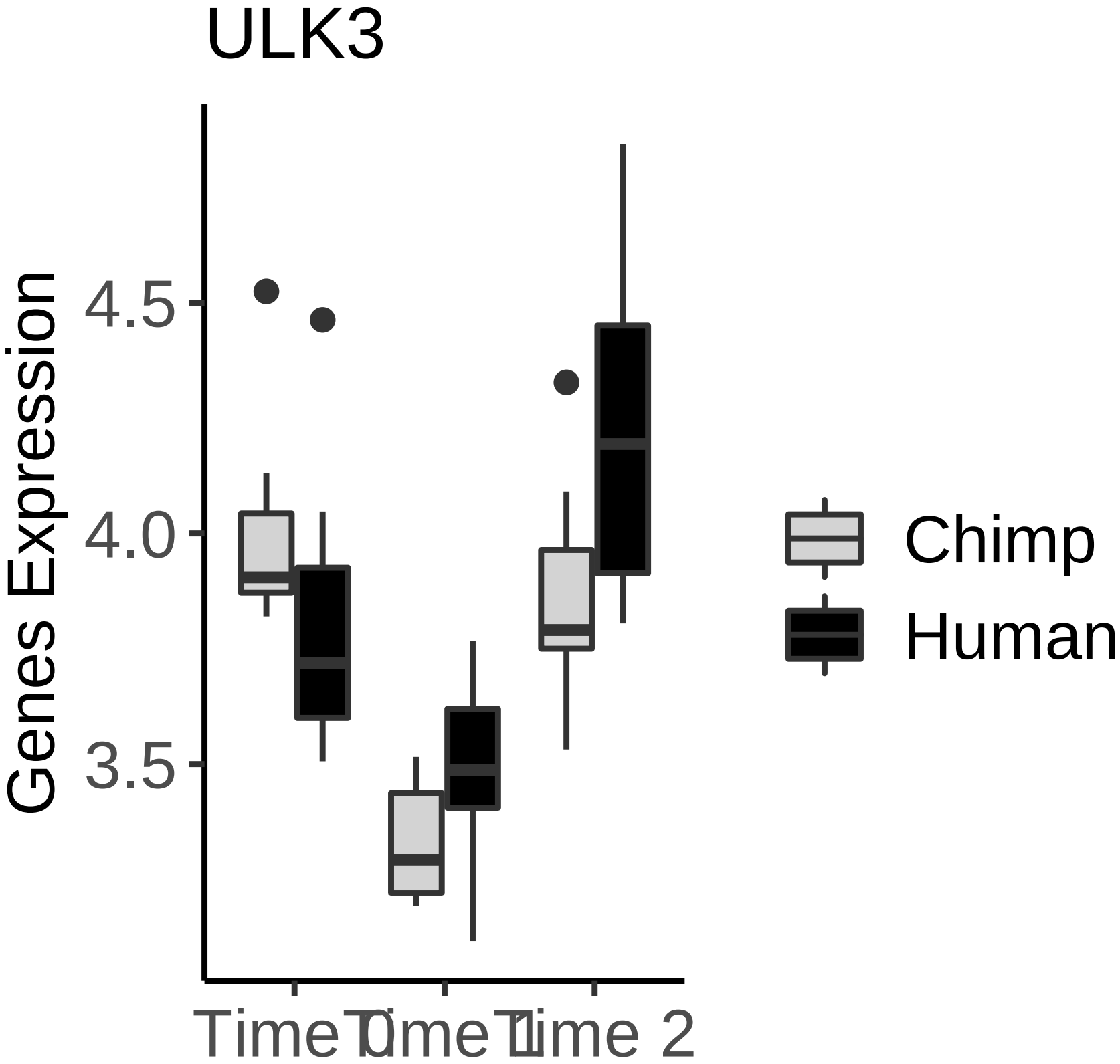
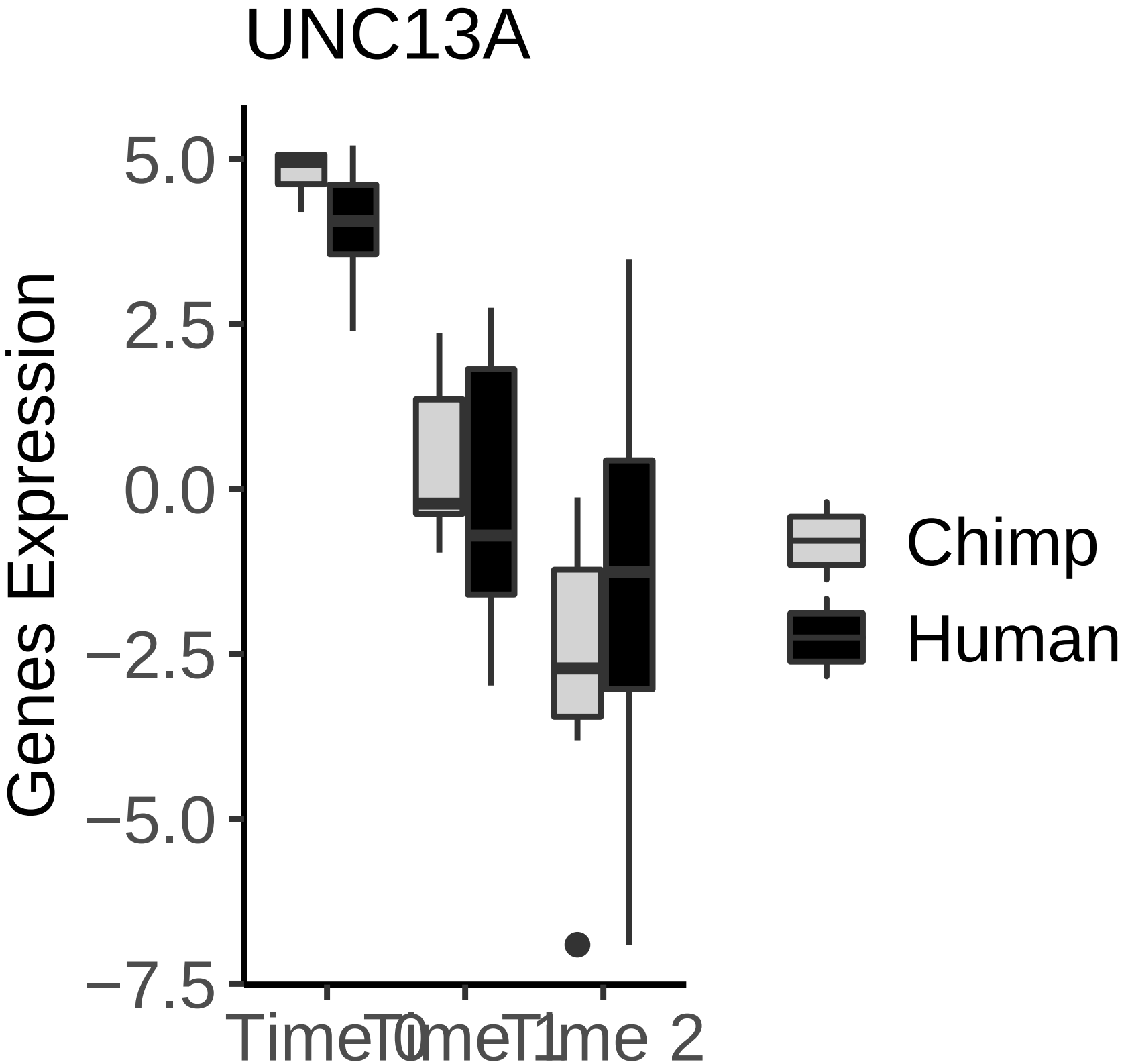
−1
−2
Time 0
Time 1
Time 2
Chimp
Human


UGCG
Genes Expression
8
7
6
5
Time 0
Time 1
Time 2
Chimp
Human


UHRF1
Genes Expression
6
4
2
0
−2
Time 0
Time 1
Time 2
Chimp
Human


ULK3
Genes Expression
4.5
4.0
3.5
Time 0
Time 1
Time 2
Chimp
Human


UNC13A
Genes Expression
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2.5
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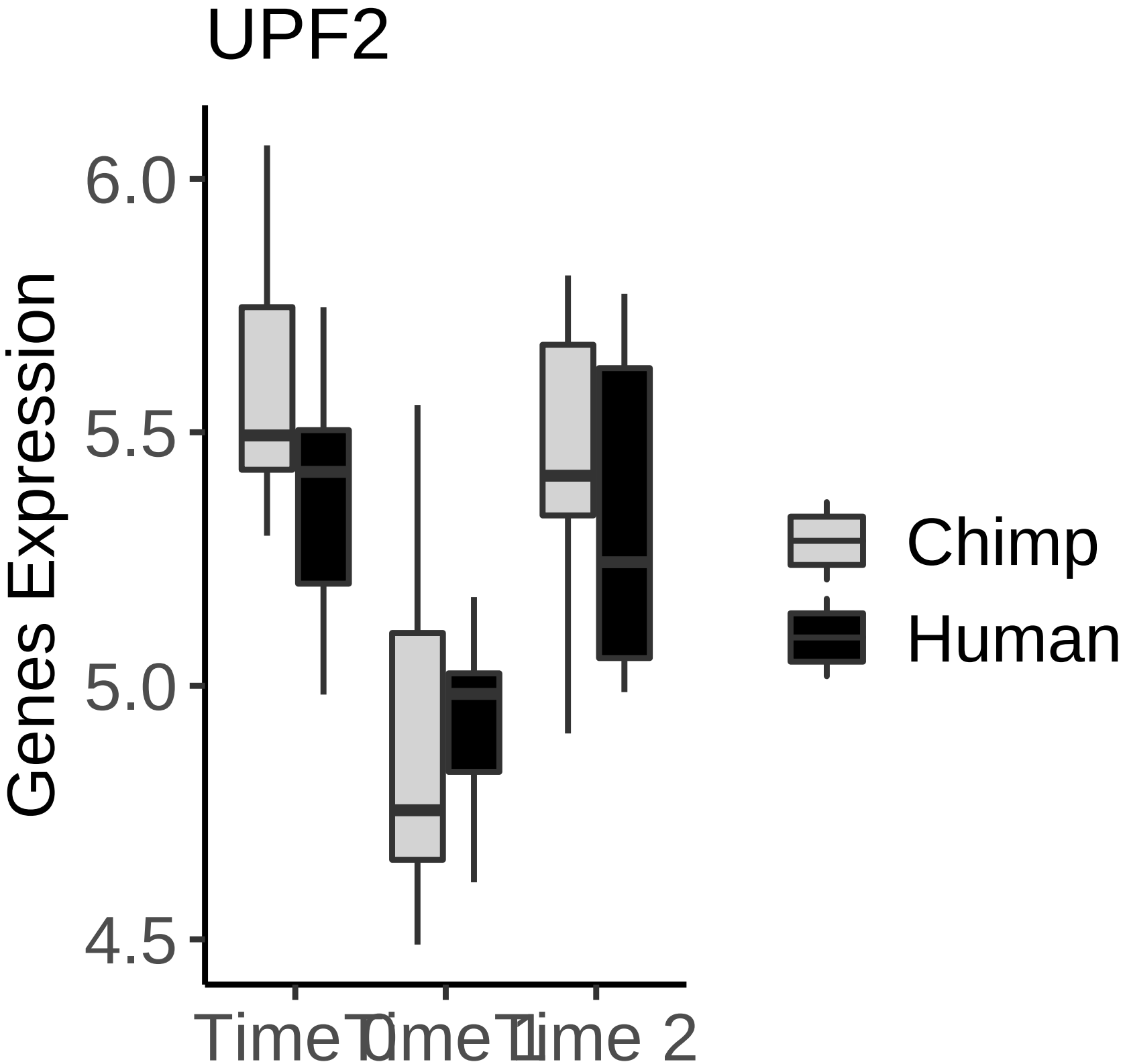
−7.5
Time 0
Time 1
Time 2
Chimp
Human


UPF2
Genes Expression
6.0
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5.0
4.5
Time 0
Time 1
Time 2
Chimp
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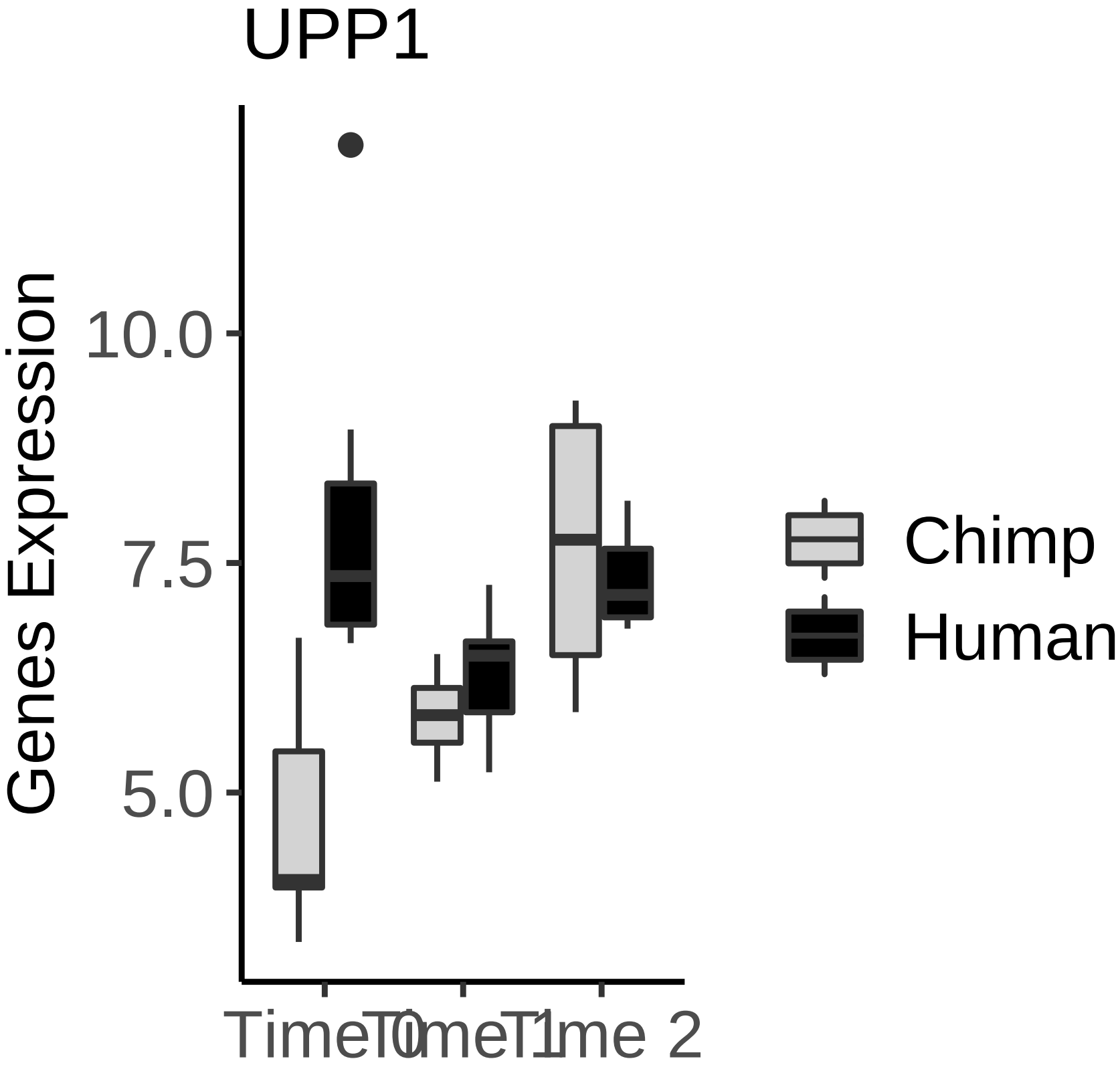
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Genes Expression
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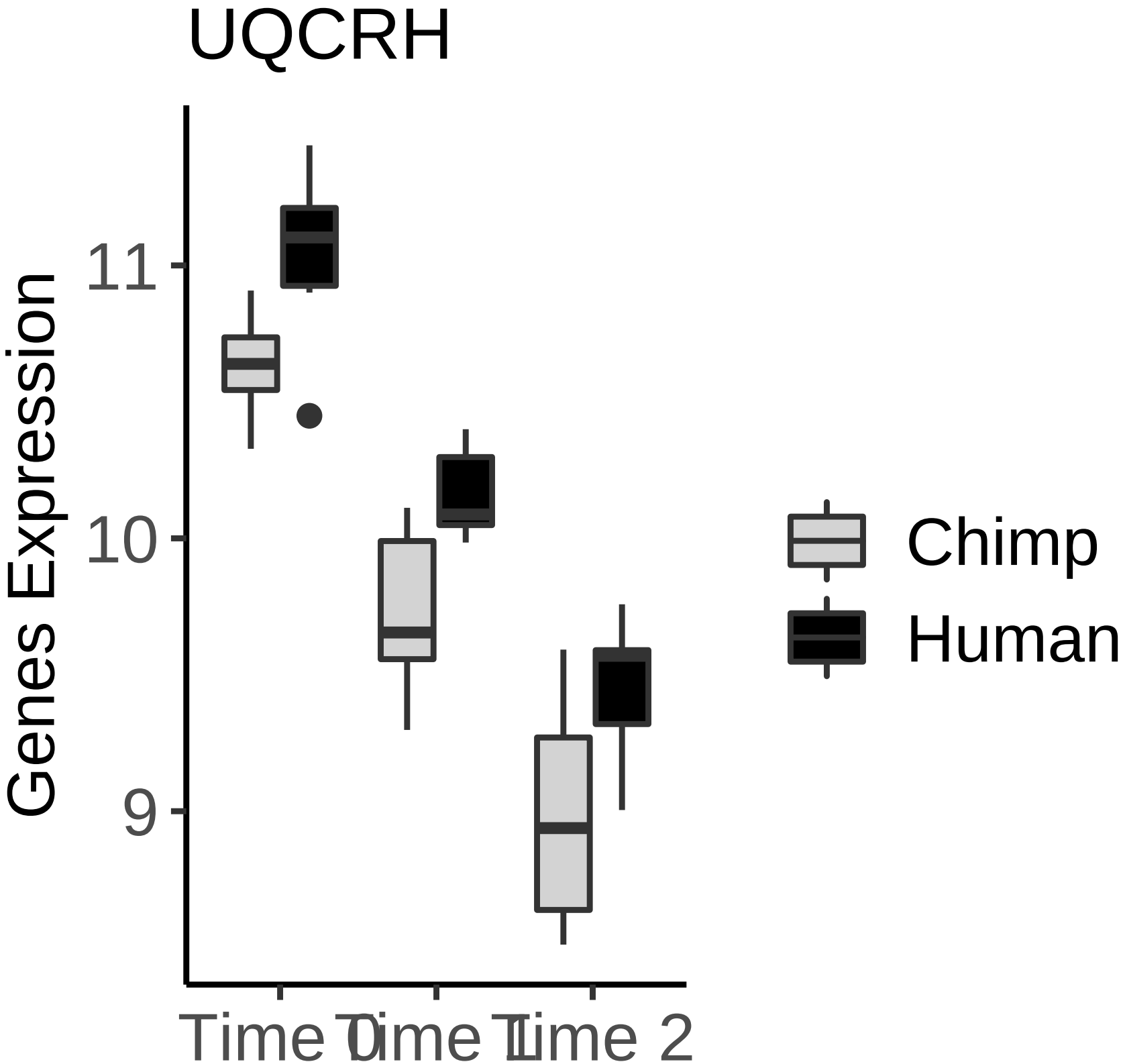
UQCRH
Genes Expression
11
10
9
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Time 1
Time 2
Chimp
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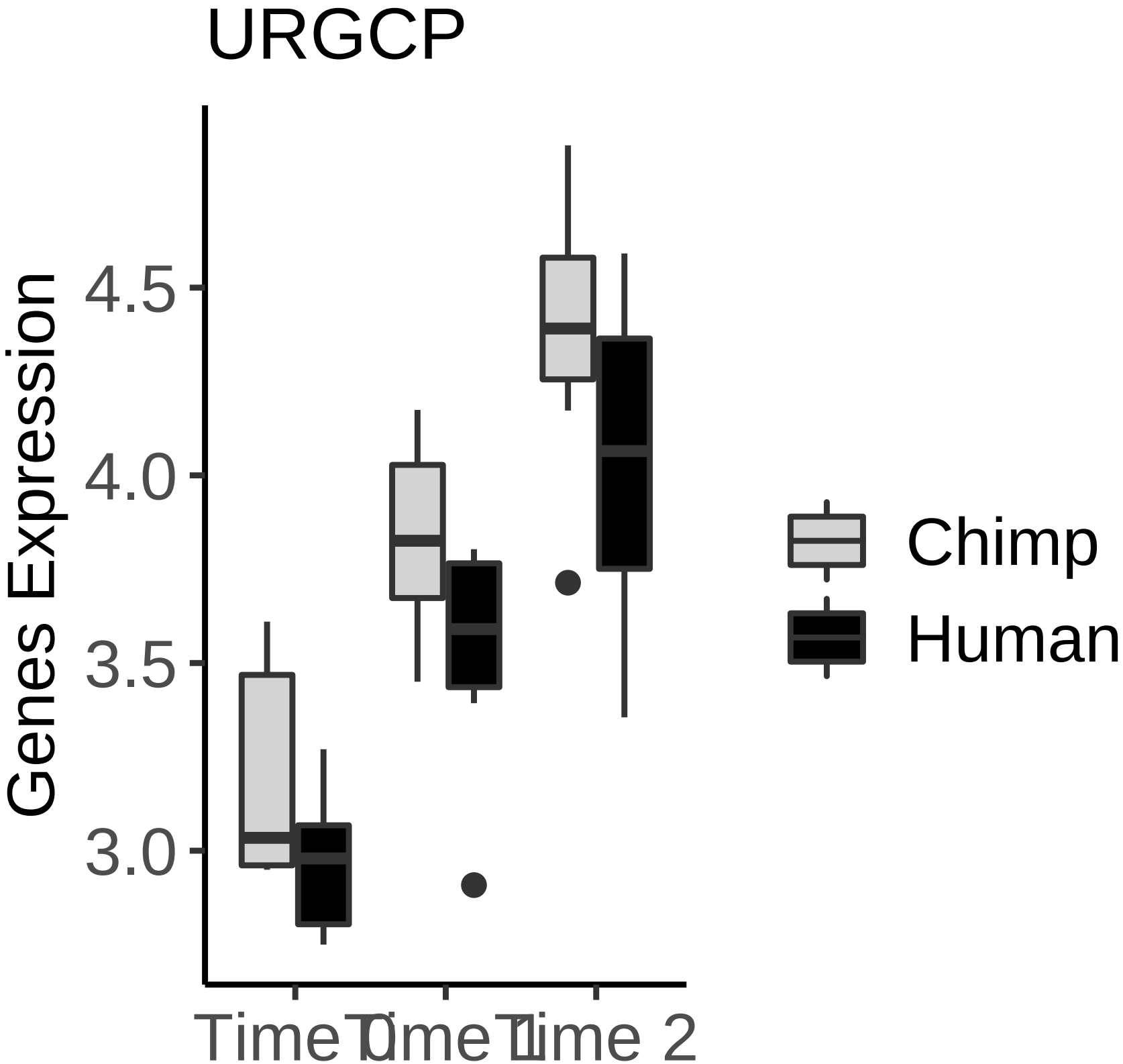
URGCP
Genes Expression
4.5
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3.0
Time 0
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Time 2
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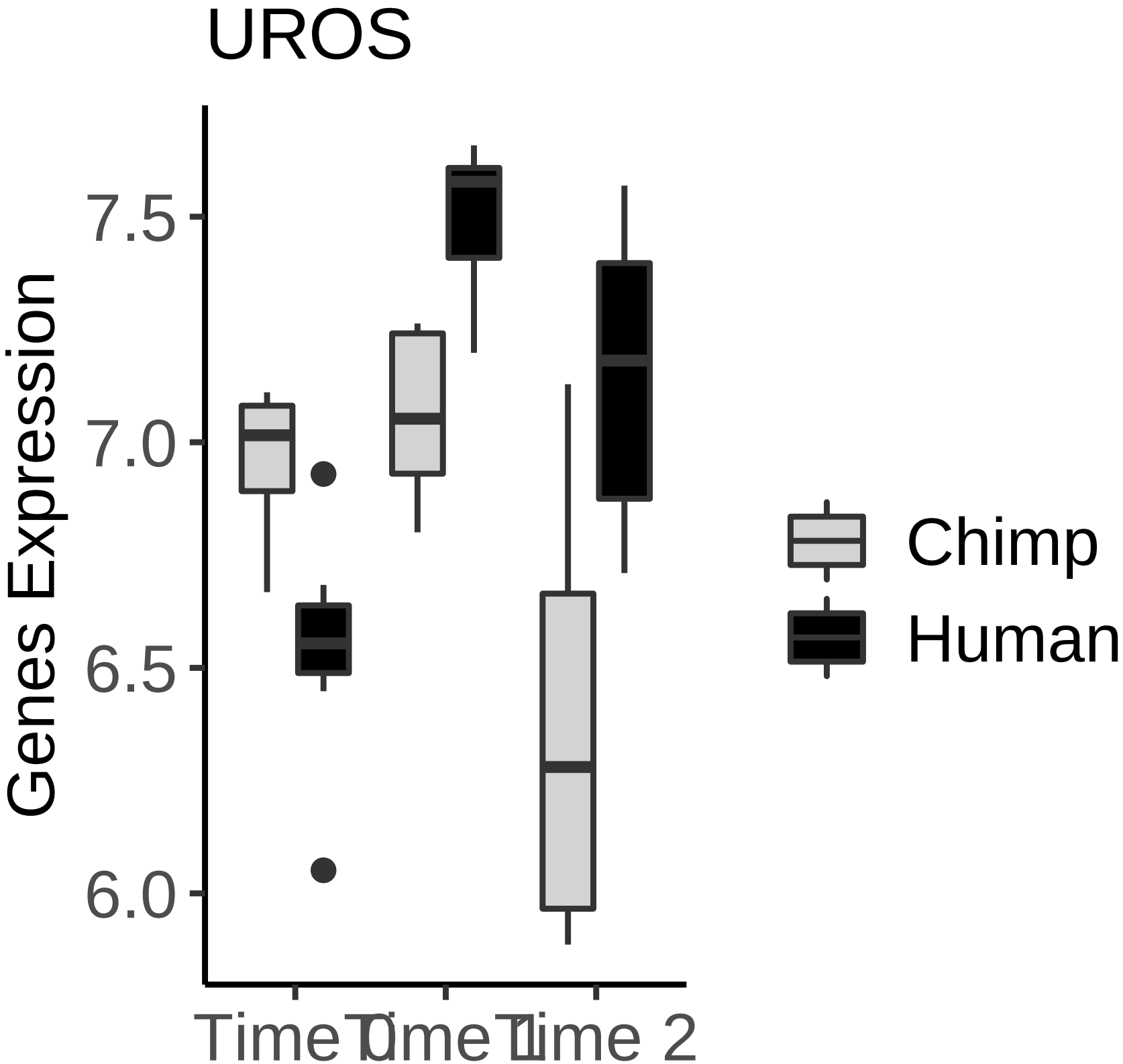
UROS
Genes Expression
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Time 2
Chimp
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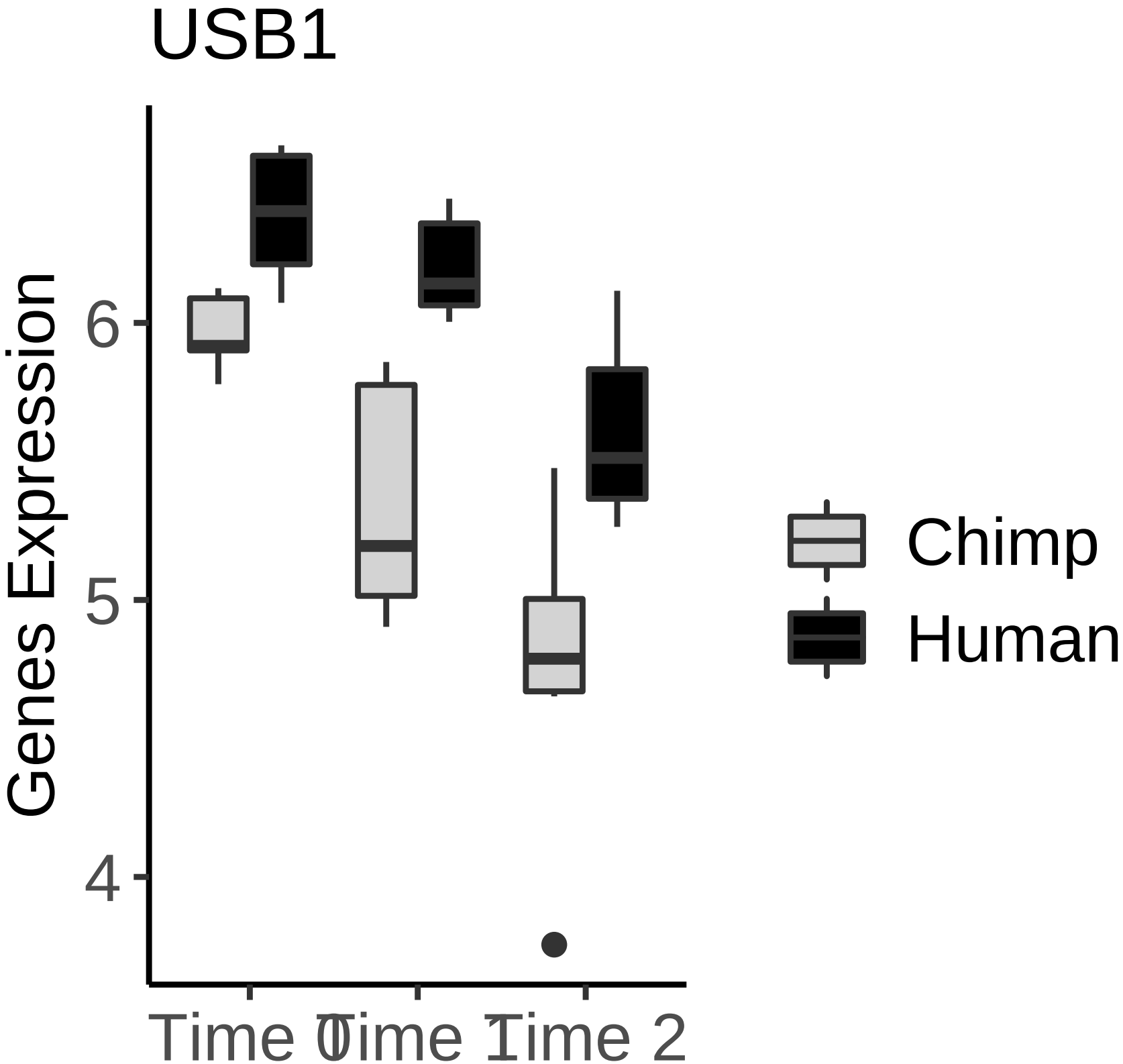
USB1
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6
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Time 1
Time 2
Chimp
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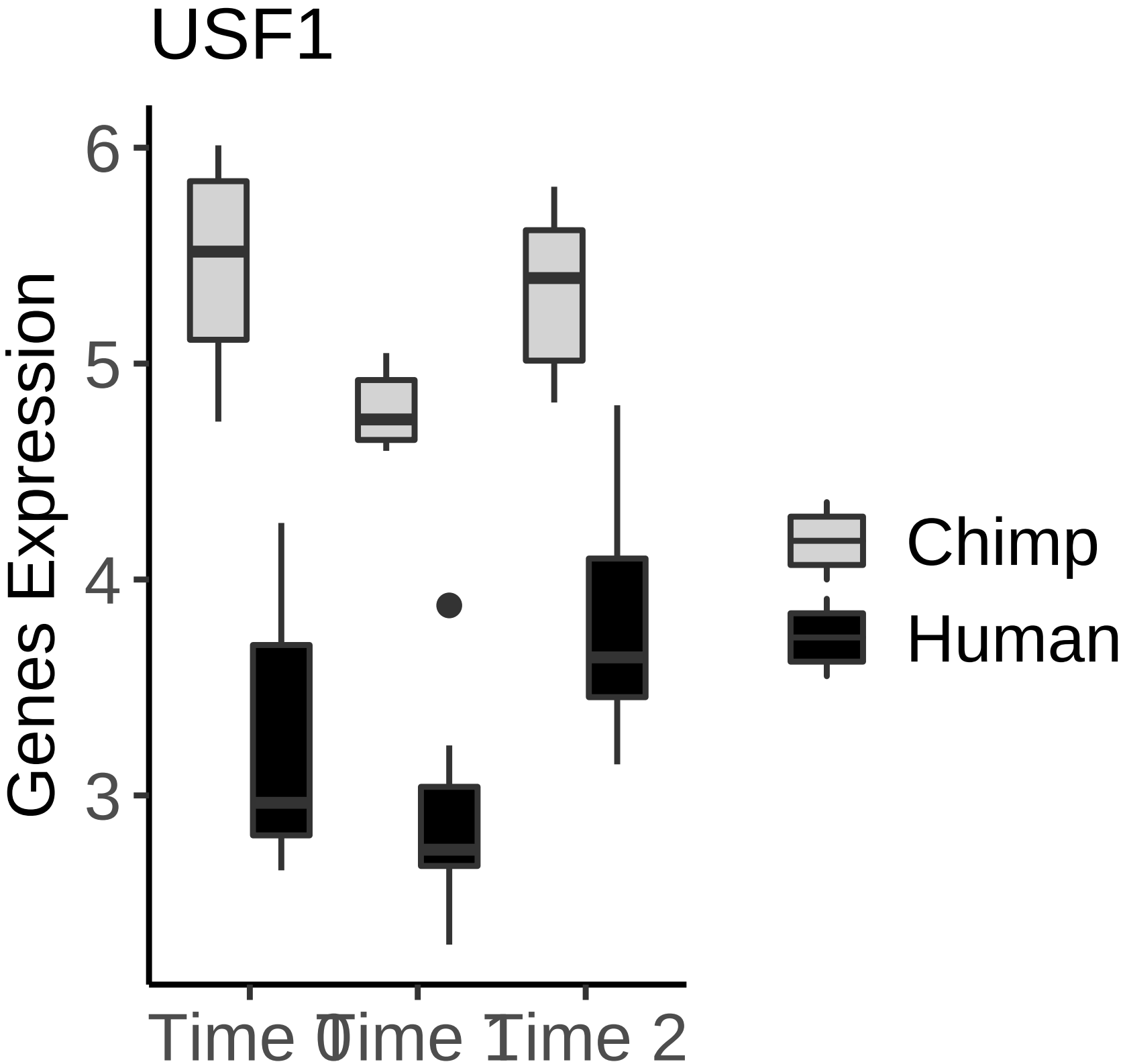
USF1
Genes Expression
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Time 2
Chimp
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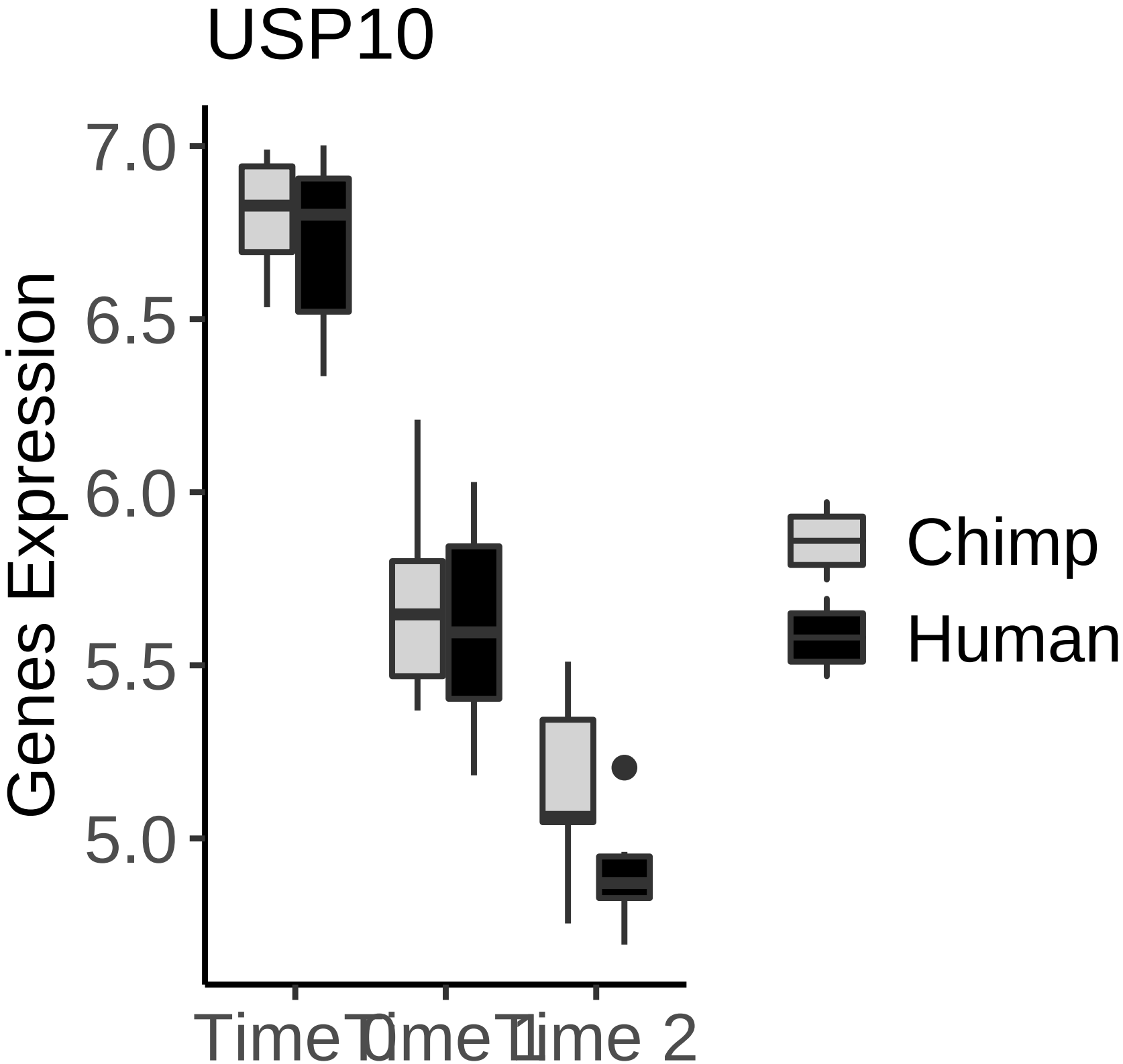
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Genes Expression
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Time 0
Time 1
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Chimp
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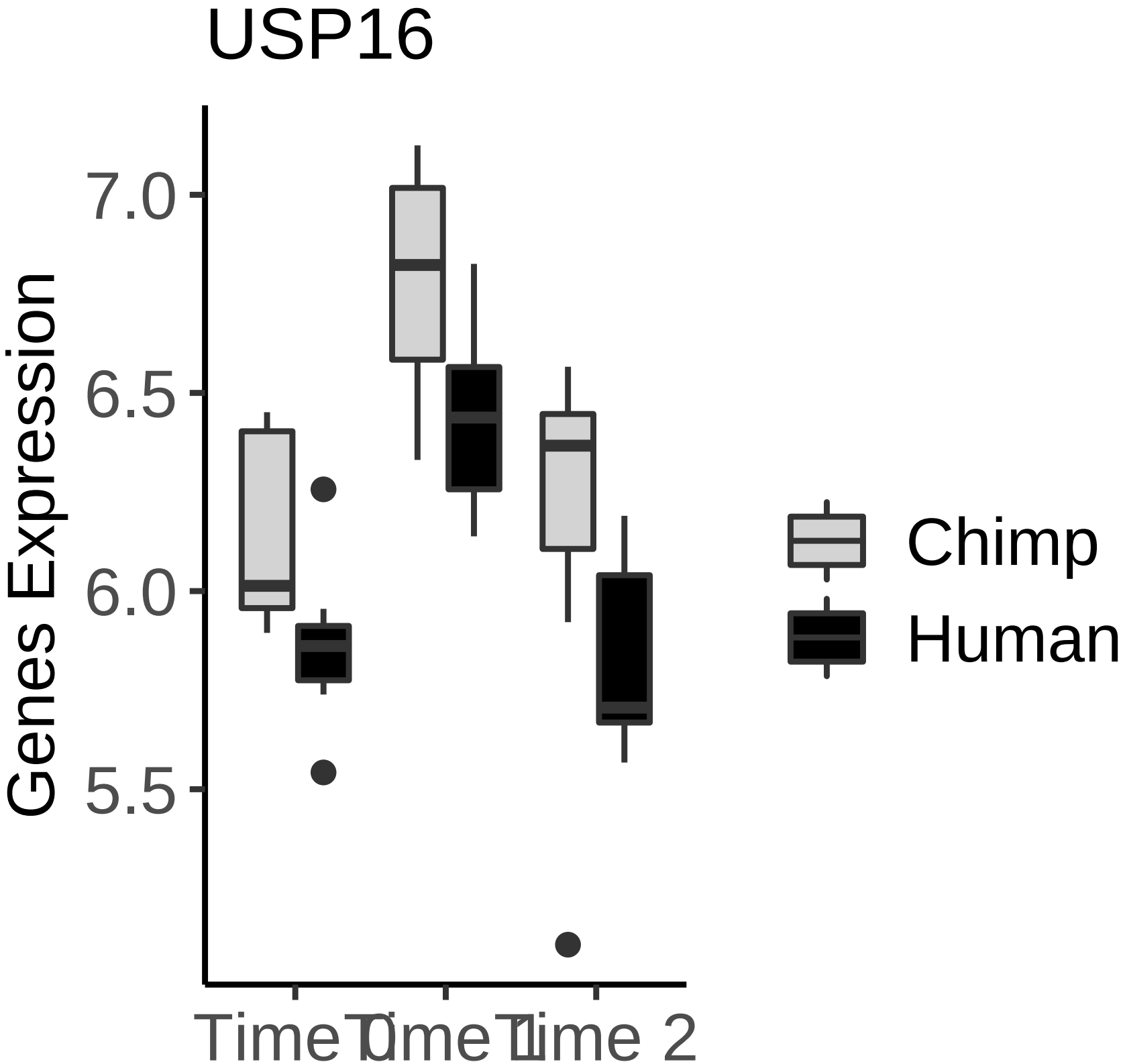
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Time 1
Time 2
Chimp
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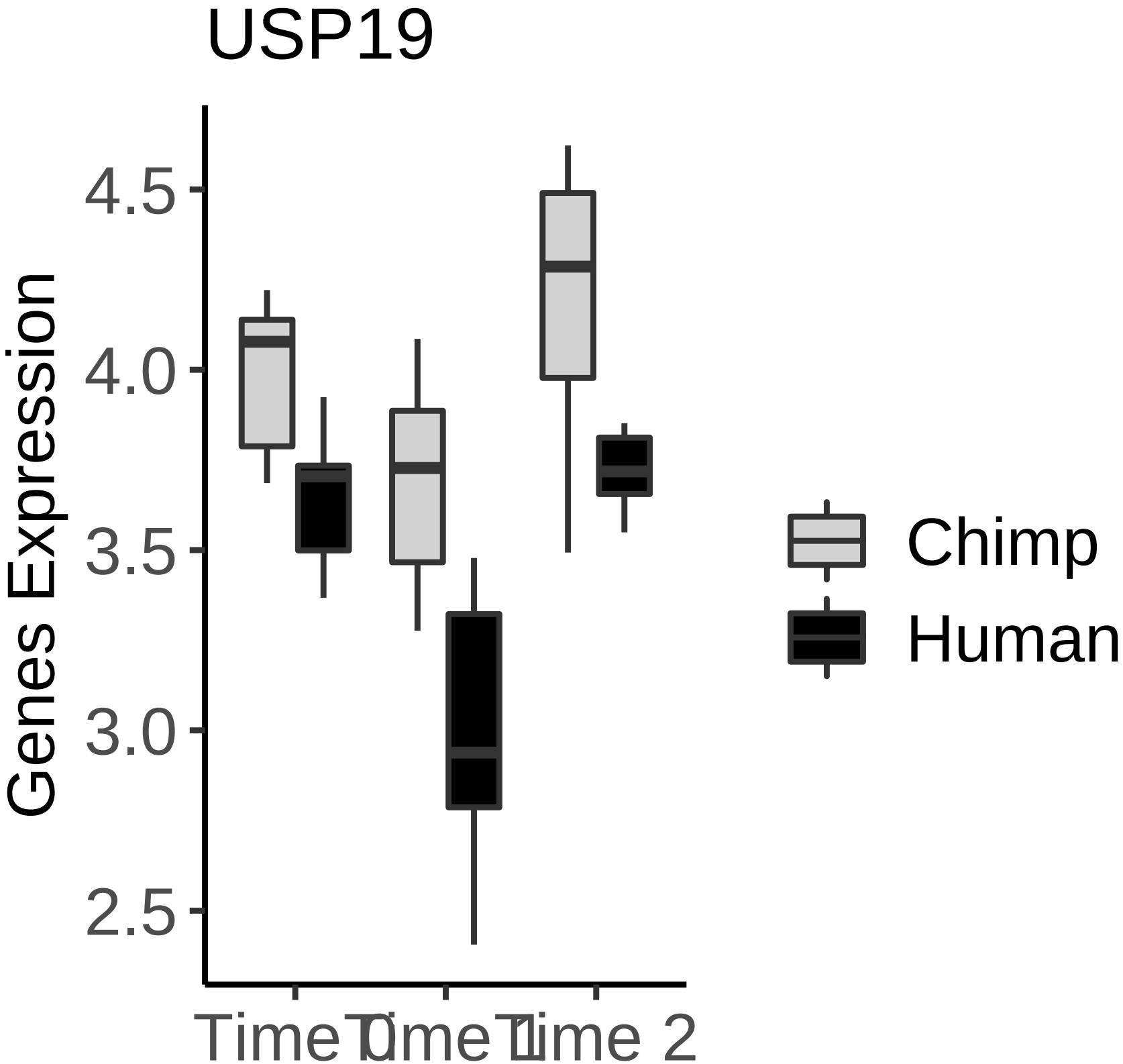
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Genes Expression
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Time 2
Chimp
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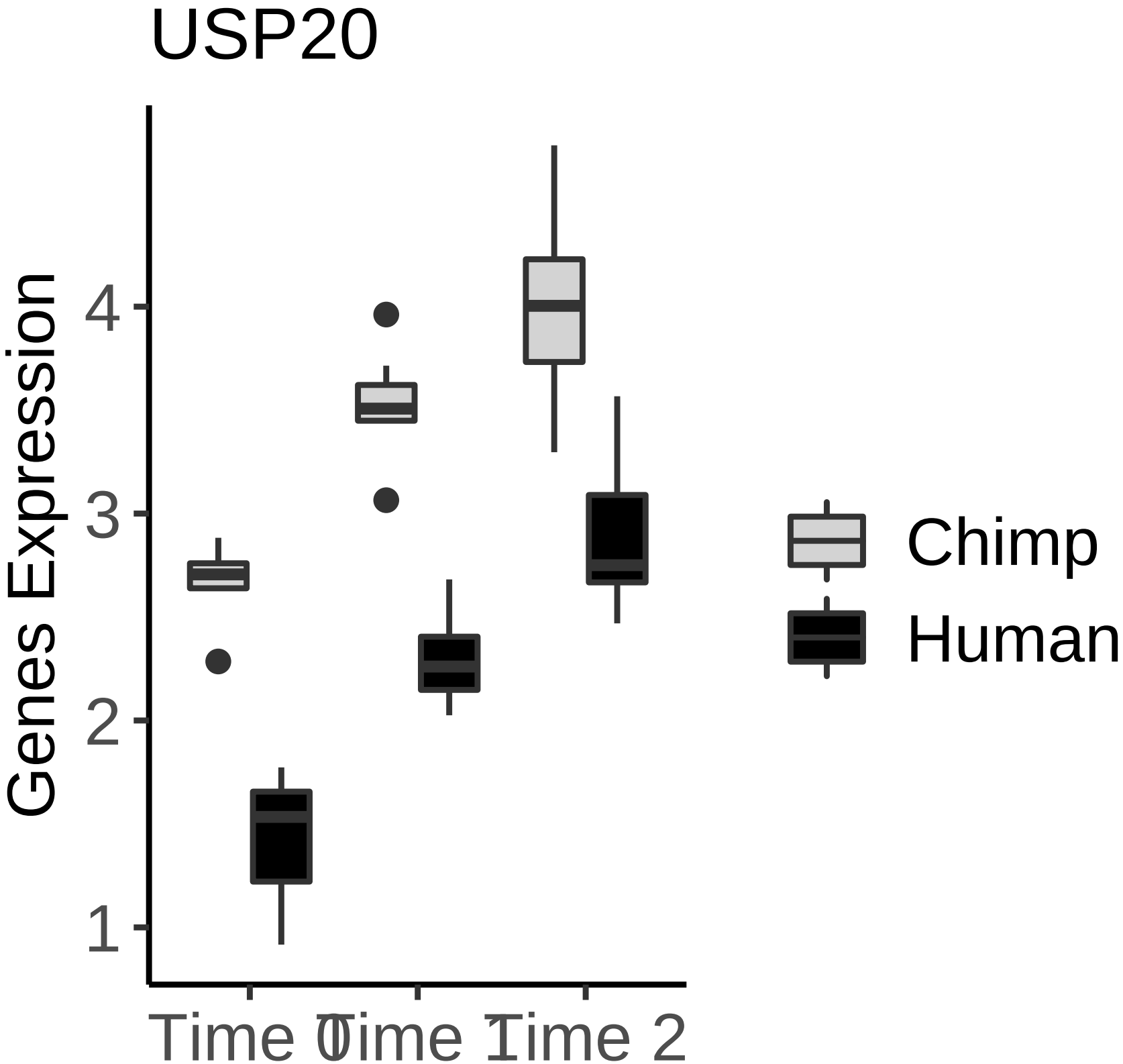
USP20
Genes Expression
4
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2
1
Time 0
Time 1
Time 2
Chimp
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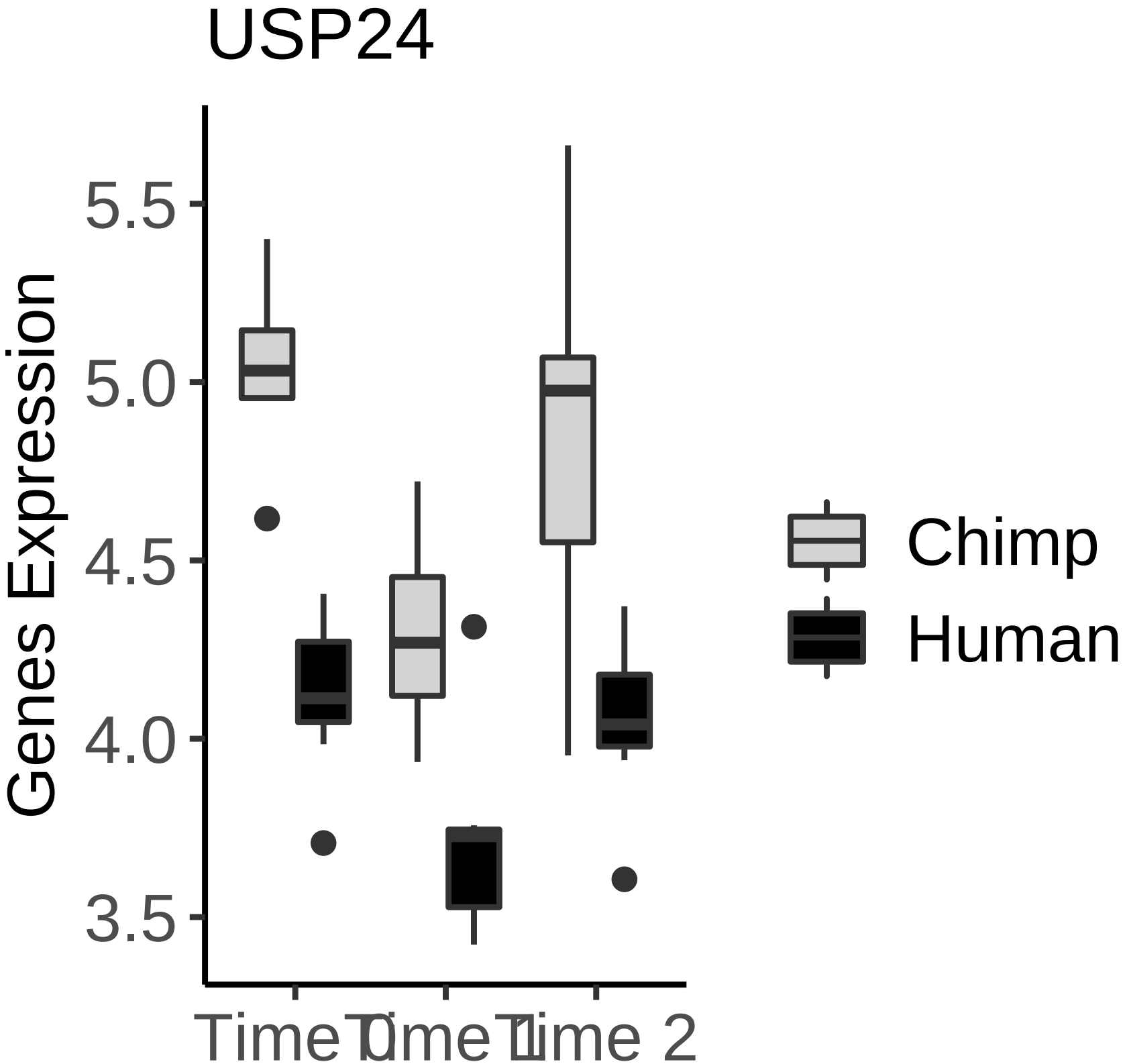
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Genes Expression
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3.5
Time 0
Time 1
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Chimp
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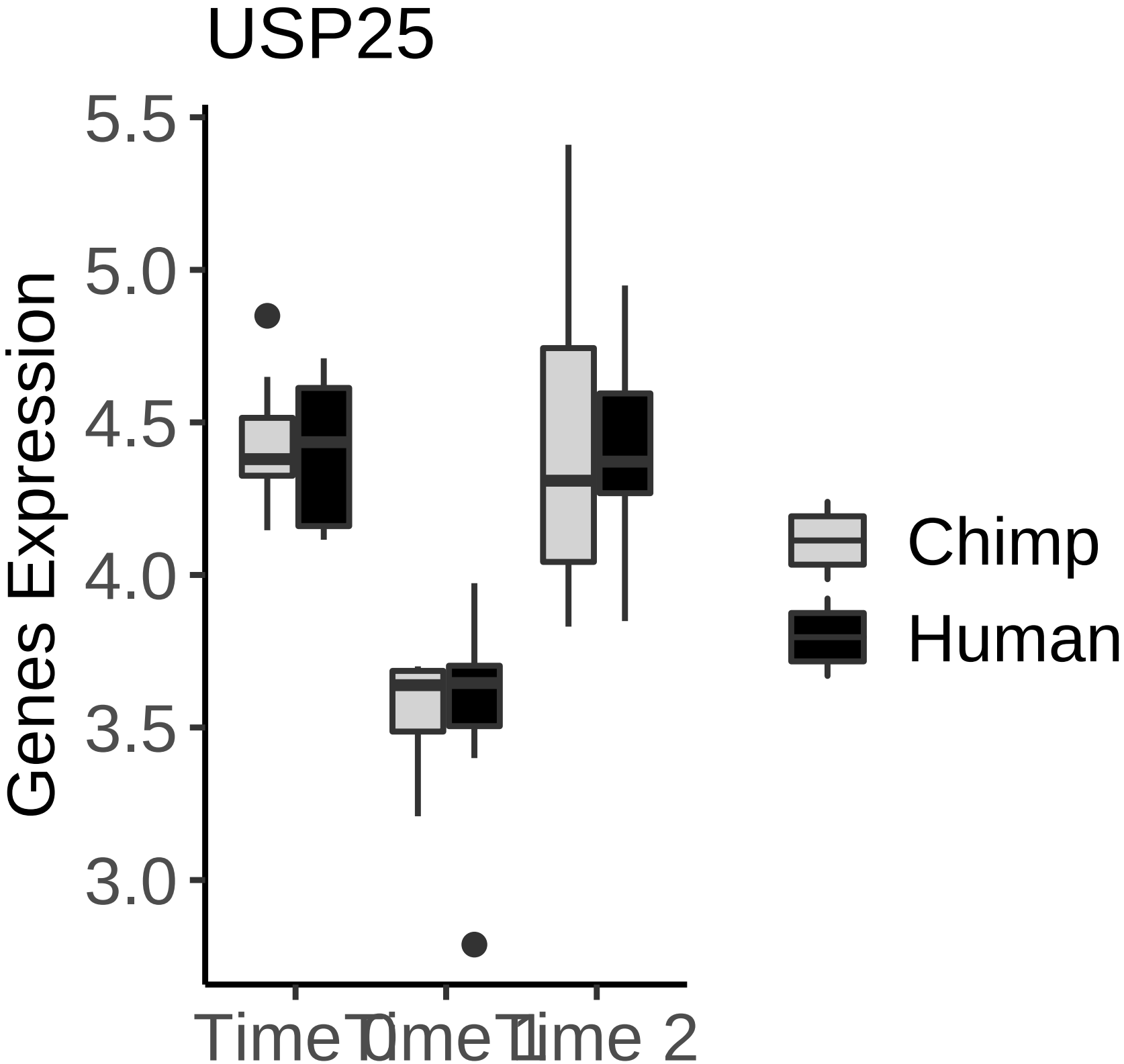
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3.0
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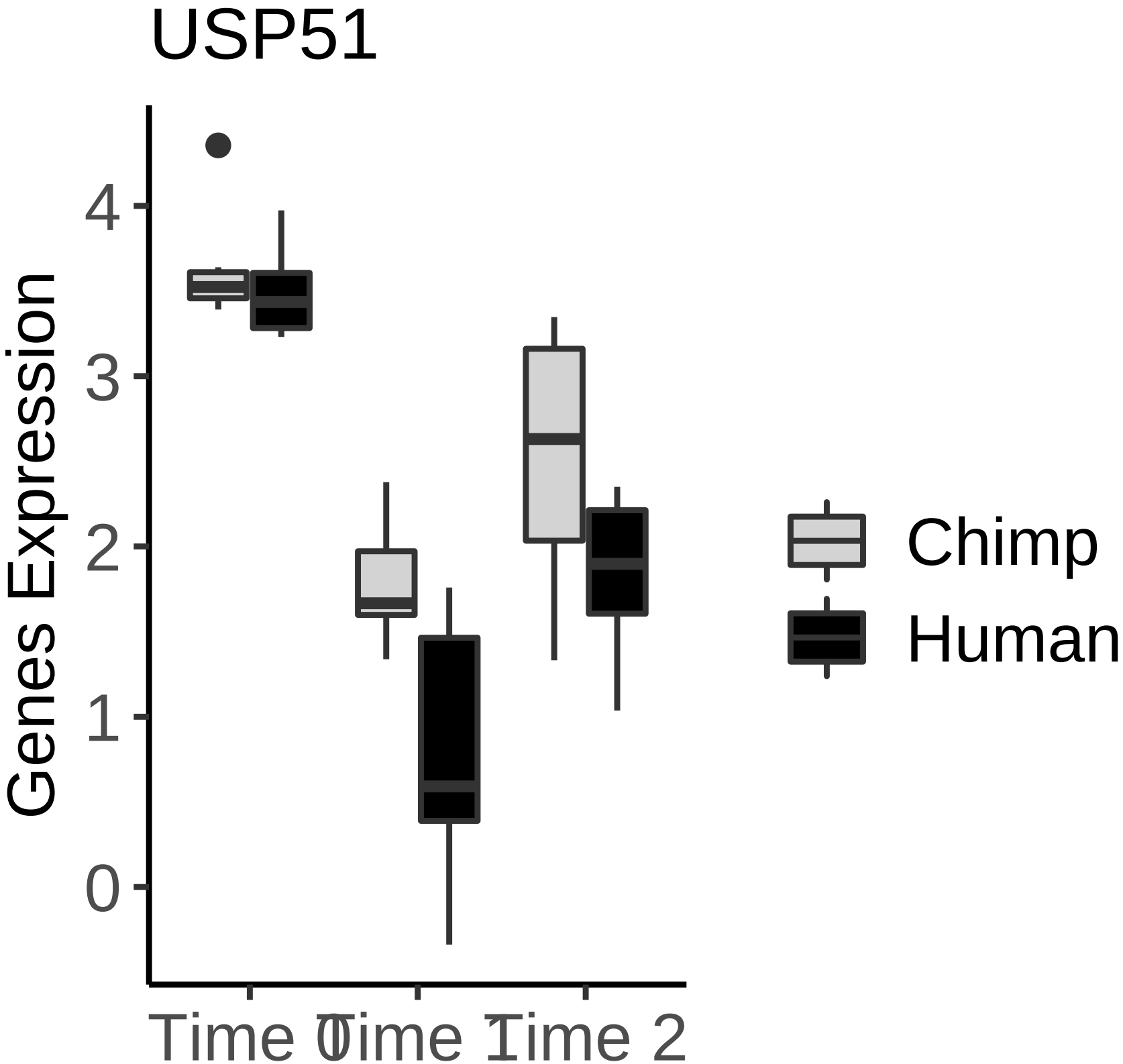
Time 1
Time 2
Chimp
Human


USP51
Genes Expression
4
3
2
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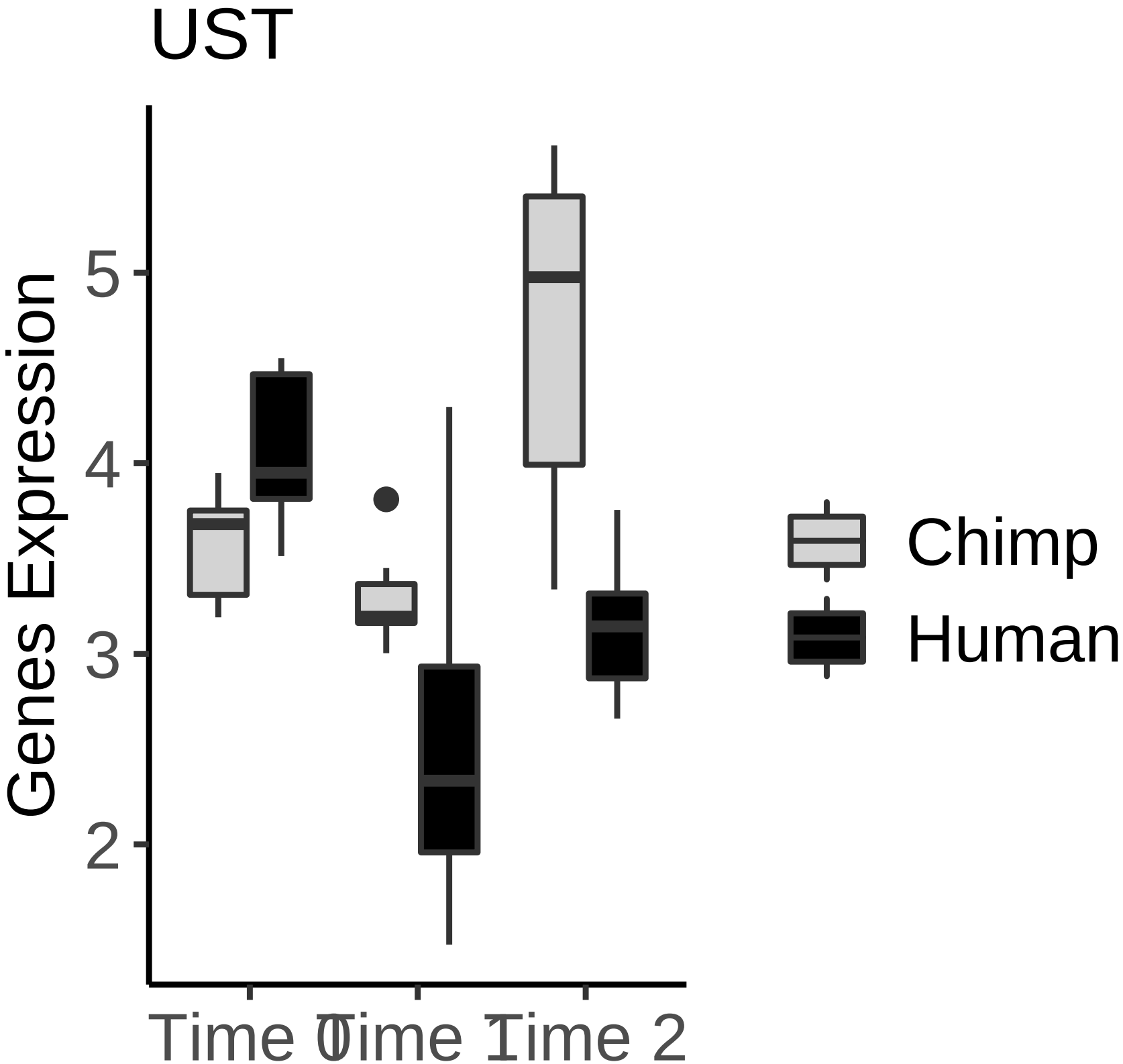
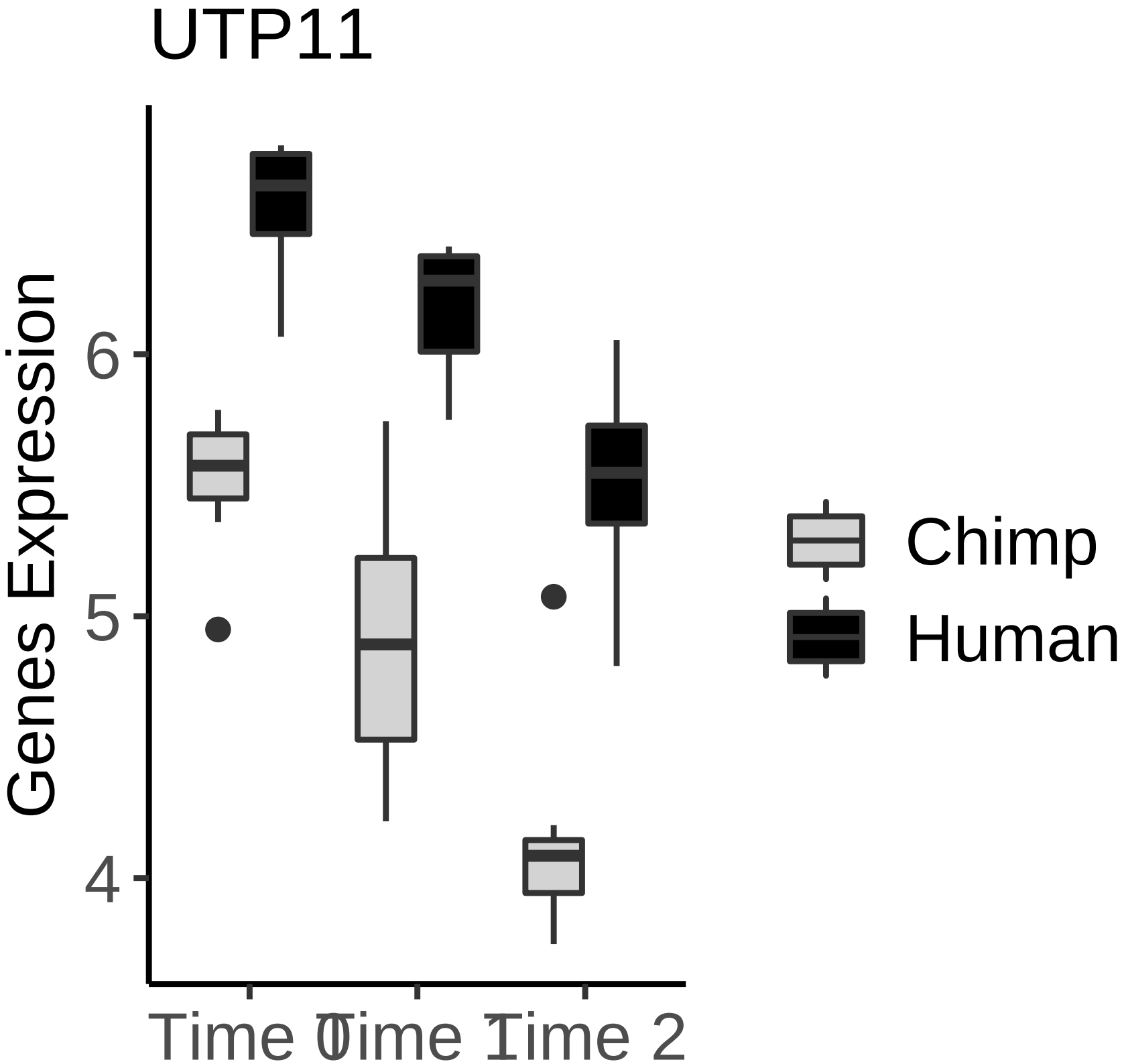
Time 0
Time 1
Time 2
Chimp
Human


UST
Genes Expression
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human


UTP11
Genes Expression
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5
4
Time 0
Time 1
Time 2
Chimp
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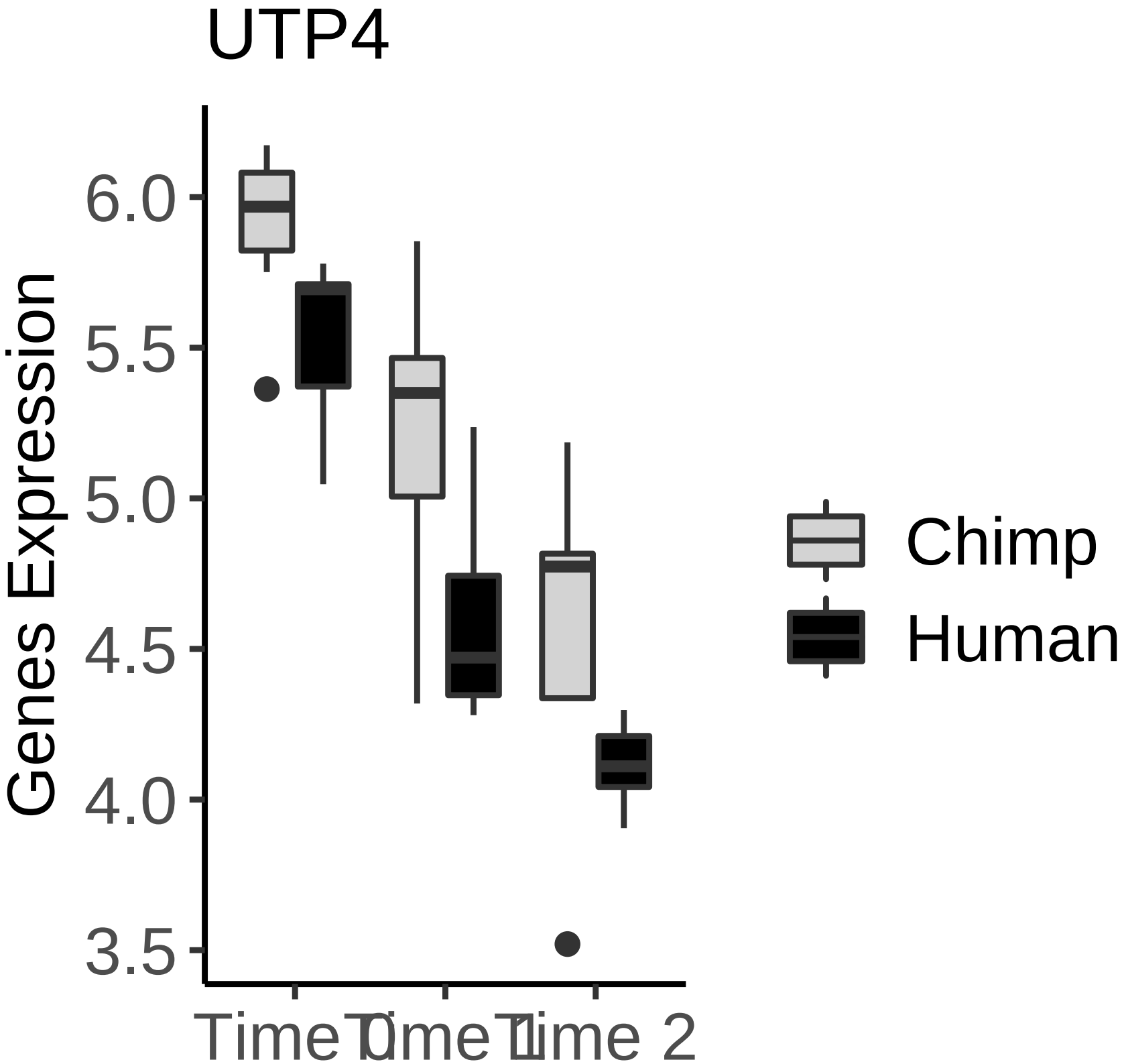
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3.5
Time 0
Time 1
Time 2
Chimp
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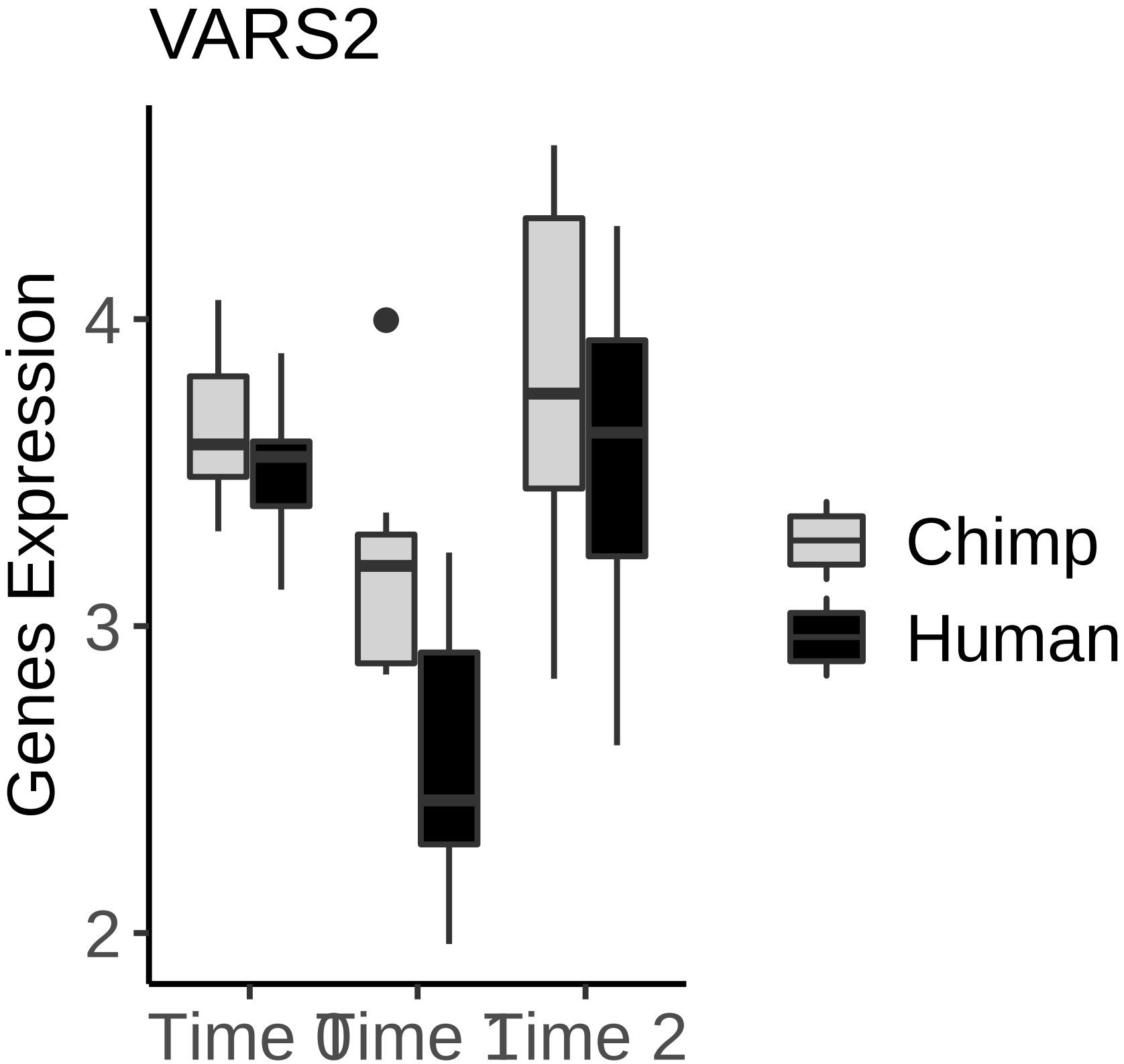
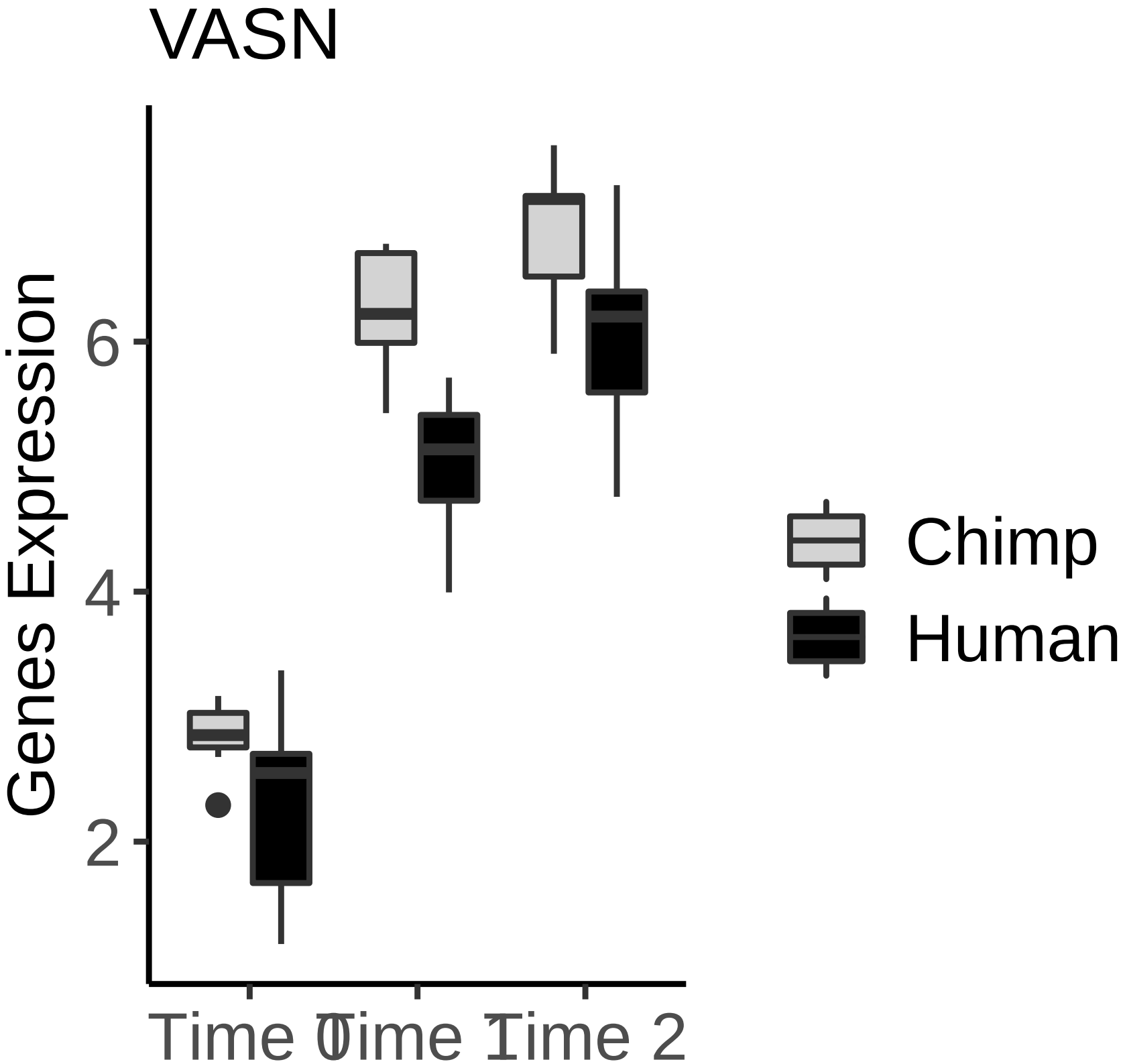
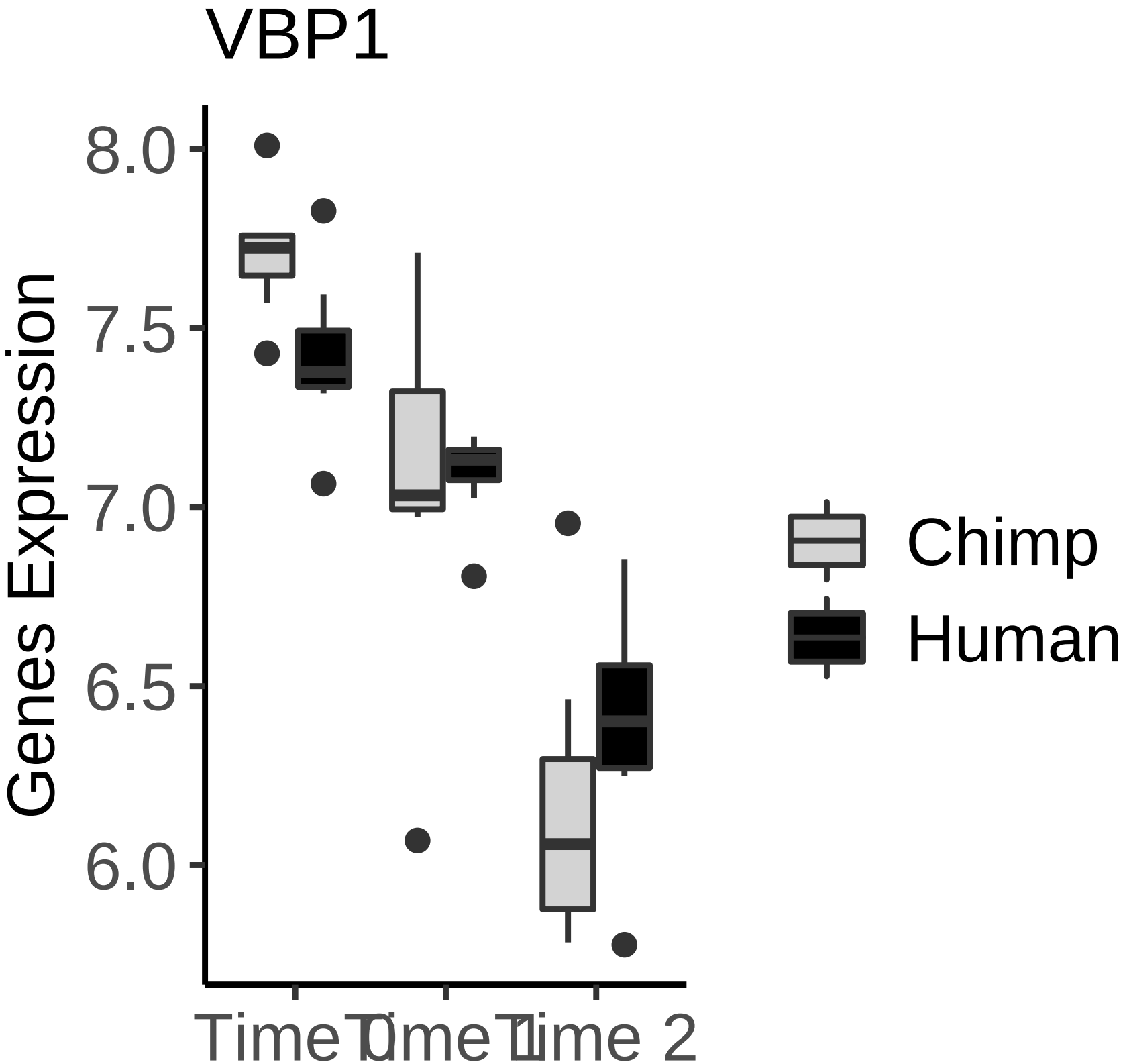

VARS2
Genes Expression
4
3
2
Time 0
Time 1
Time 2
Chimp
Human


VASN
Genes Expression
6
4
2
Time 0
Time 1
Time 2
Chimp
Human


VBP1
Genes Expression
8.0
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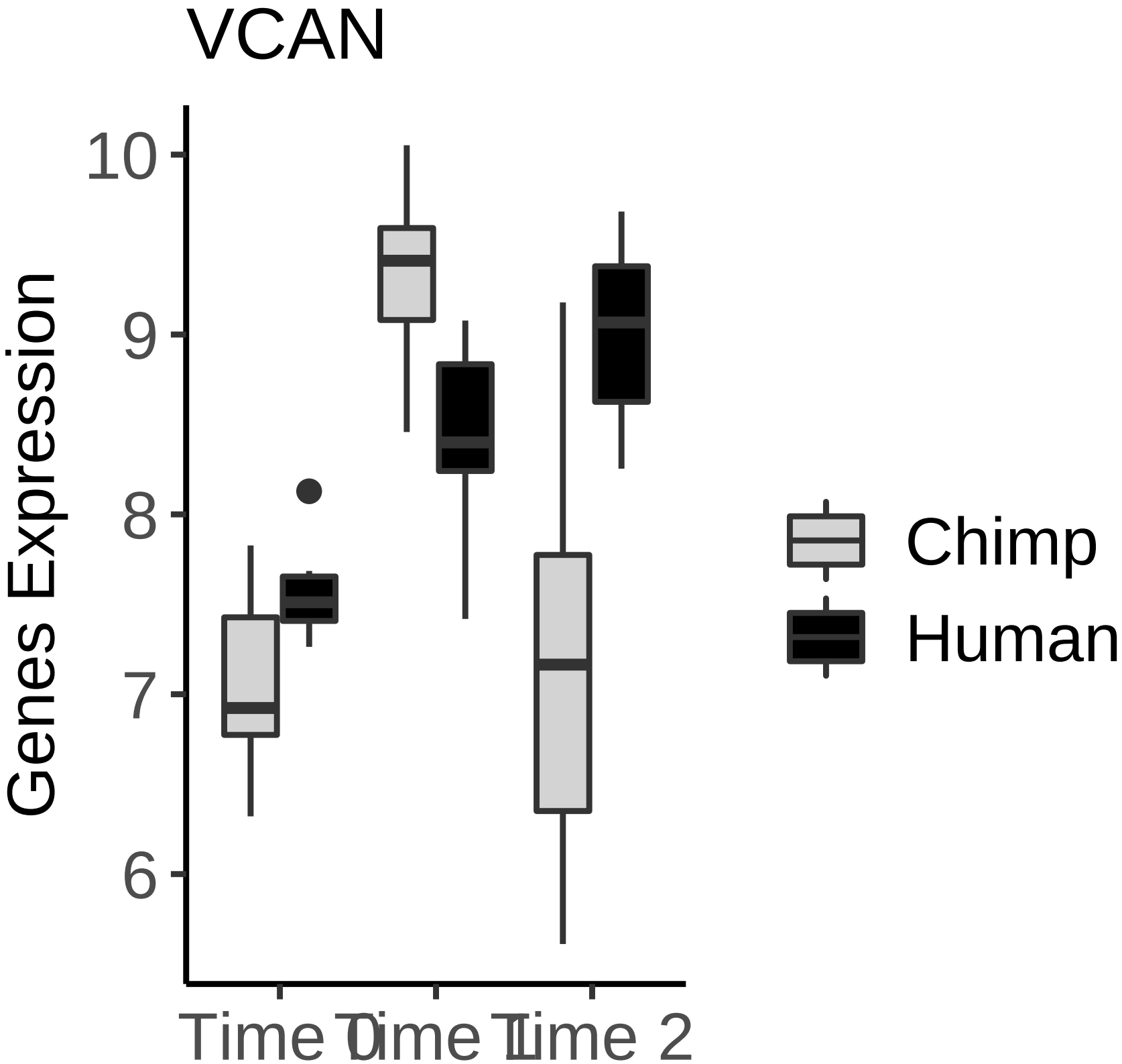
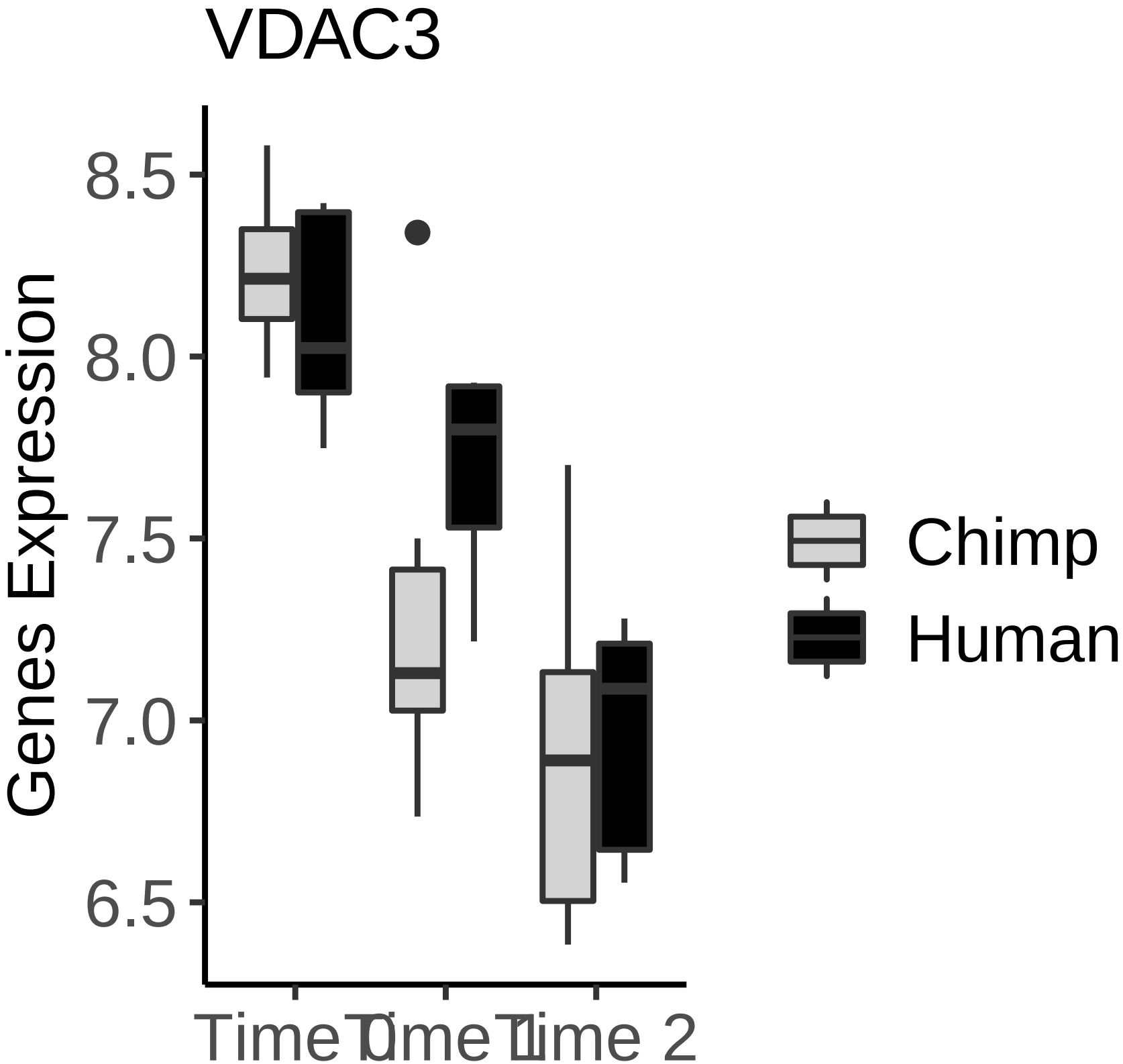
6.5
6.0
Time 0
Time 1
Time 2
Chimp
Human


VCAN
Genes Expression
10
9
8
7
6
Time 0
Time 1
Time 2
Chimp
Human


VDAC3
Genes Expression
8.5
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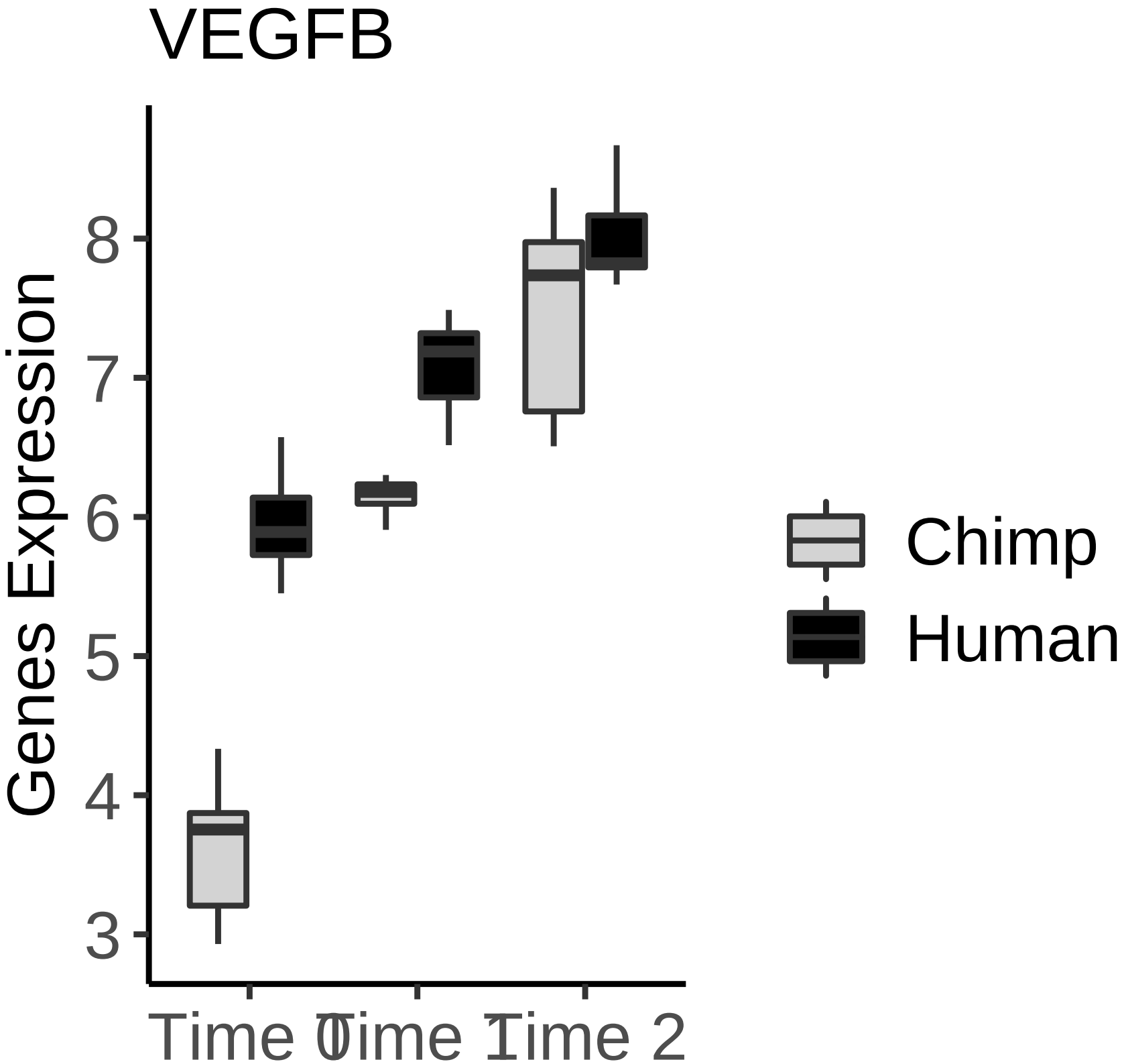
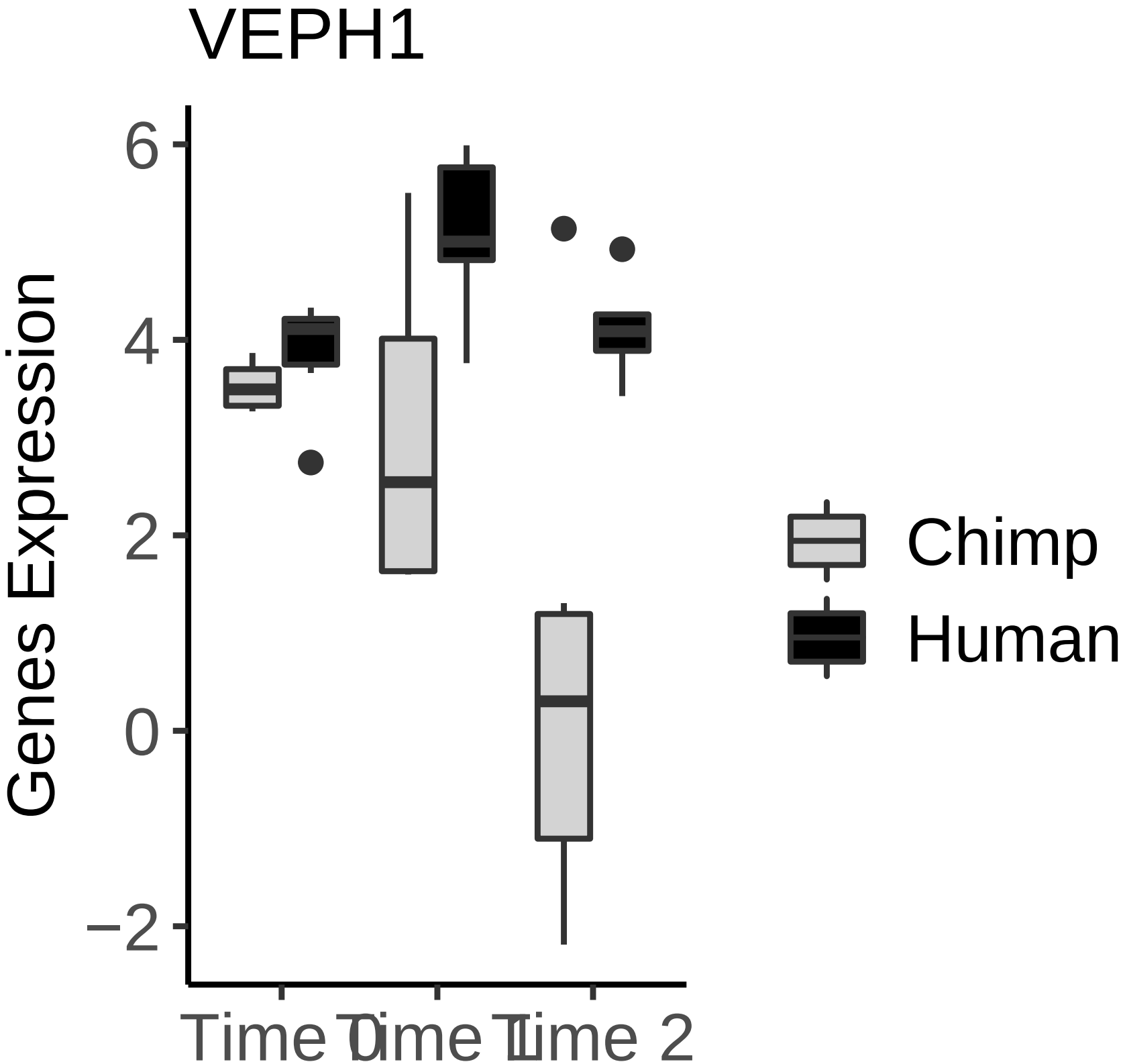
7.0
6.5
Time 0
Time 1
Time 2
Chimp
Human


VEGFB
Genes Expression
8
7
6
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


VEPH1
Genes Expression
6
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Time 2
Chimp
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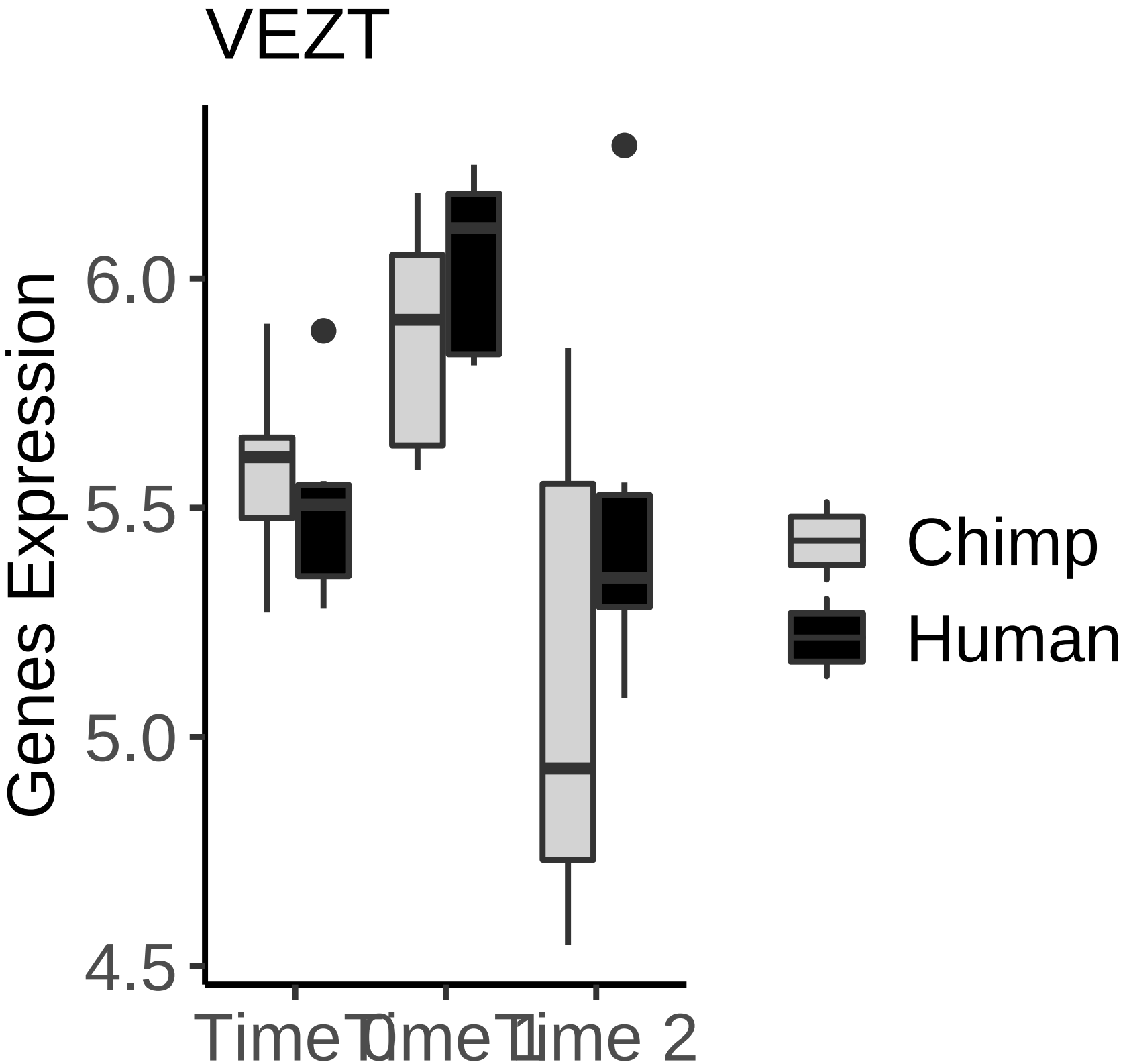
VEZT
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Time 2
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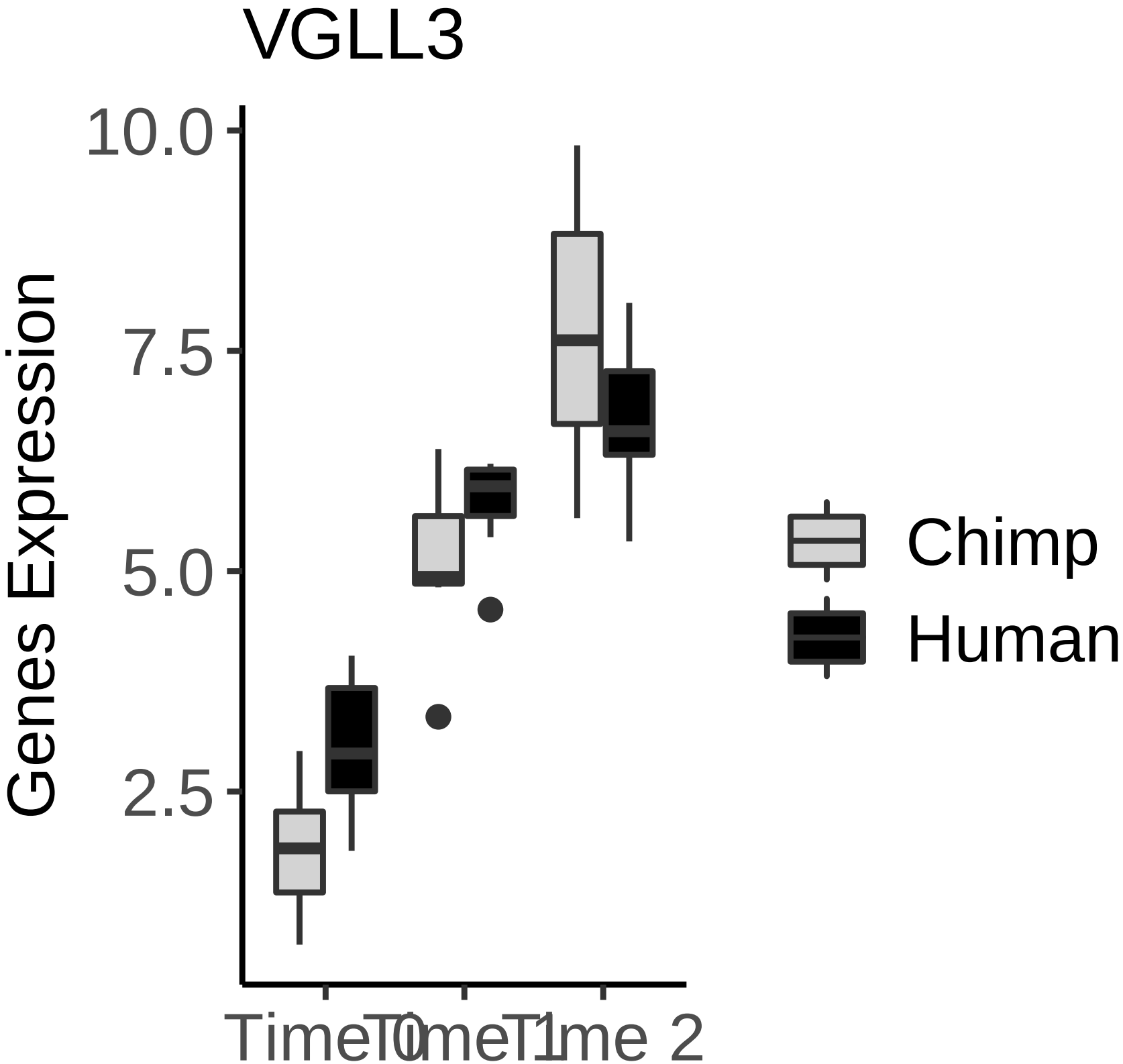
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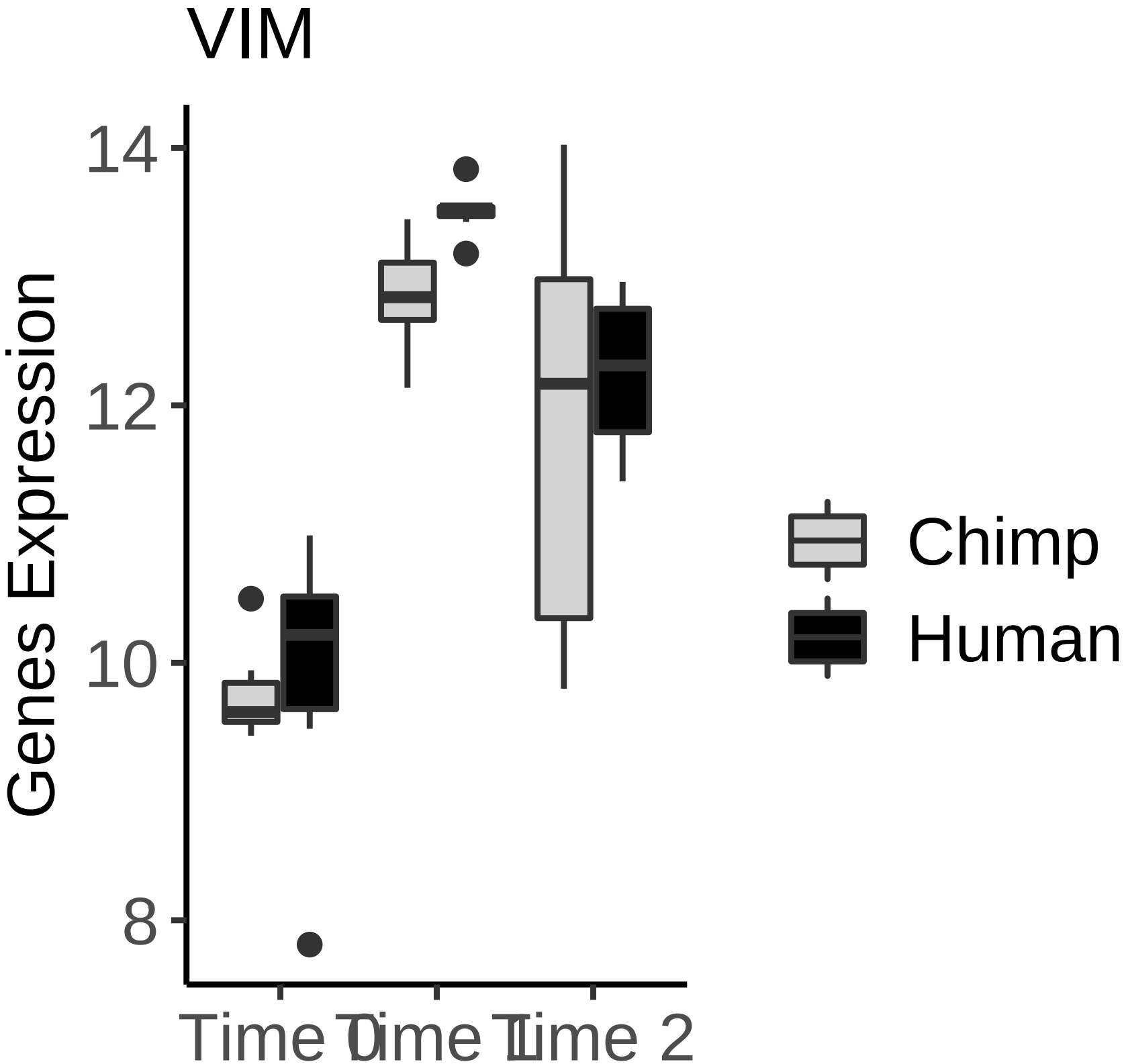
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Genes Expression
14
12
10
8
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Chimp
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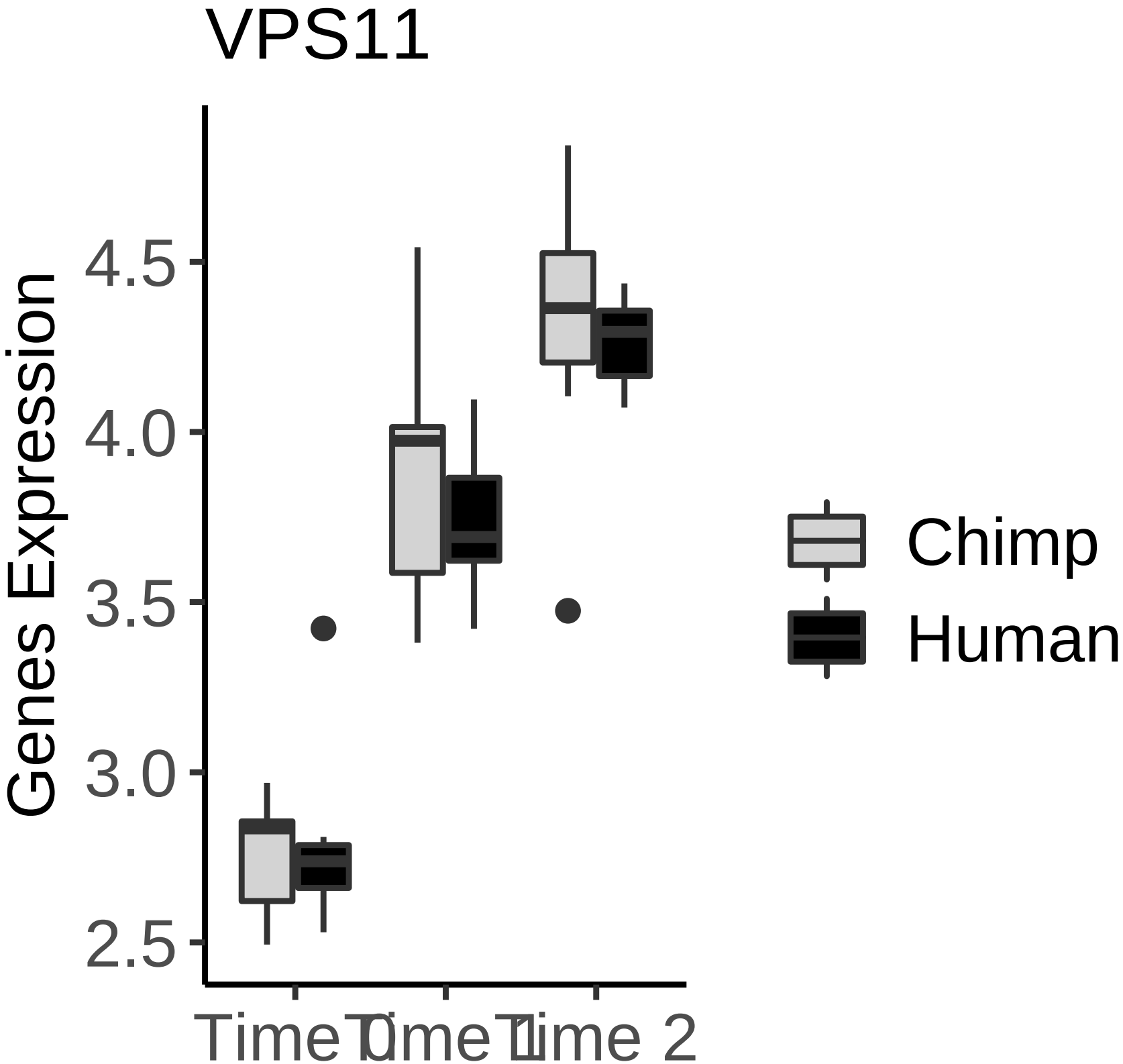
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Genes Expression
4.5
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Time 1
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Chimp
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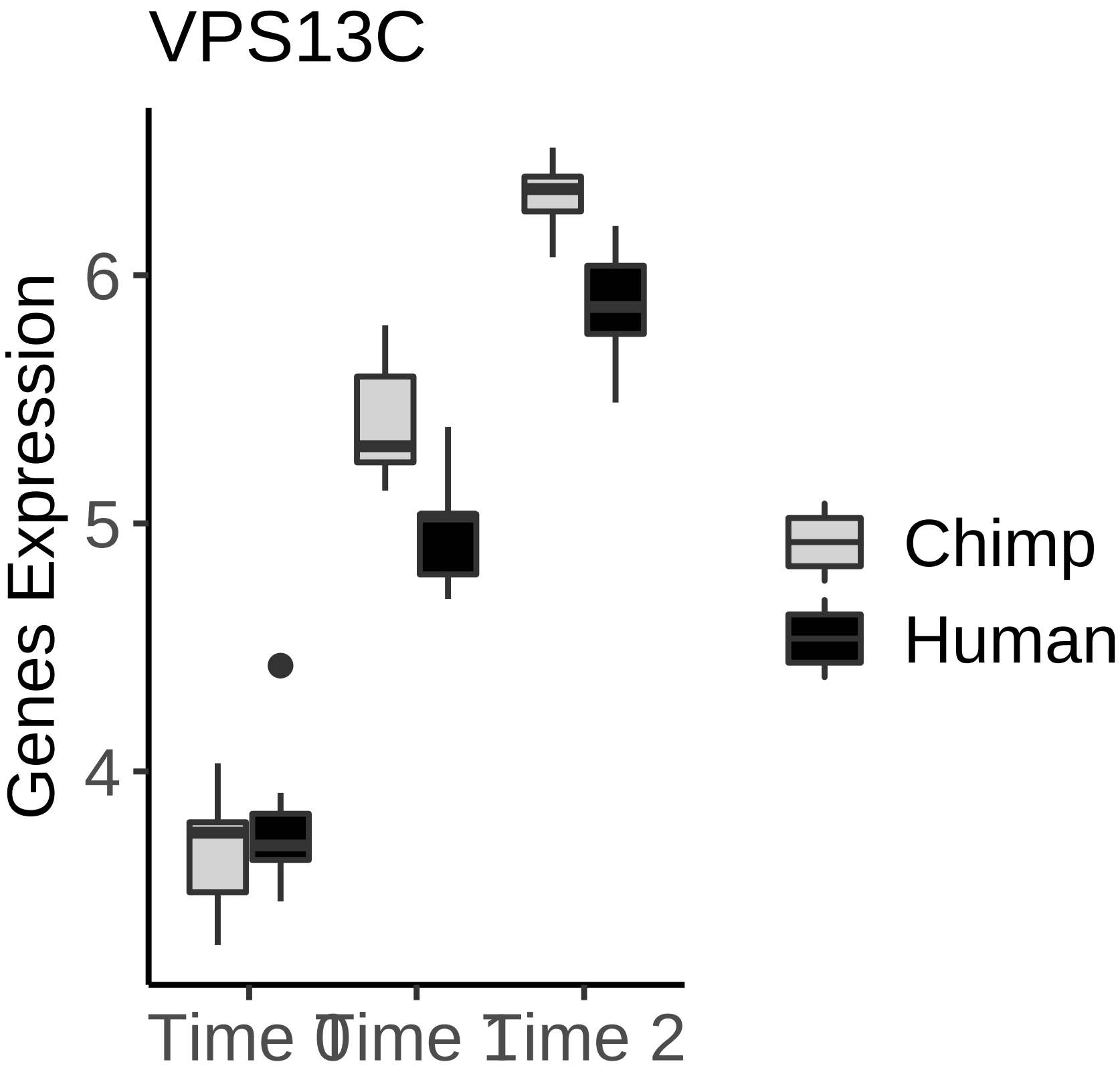
VPS13C
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6
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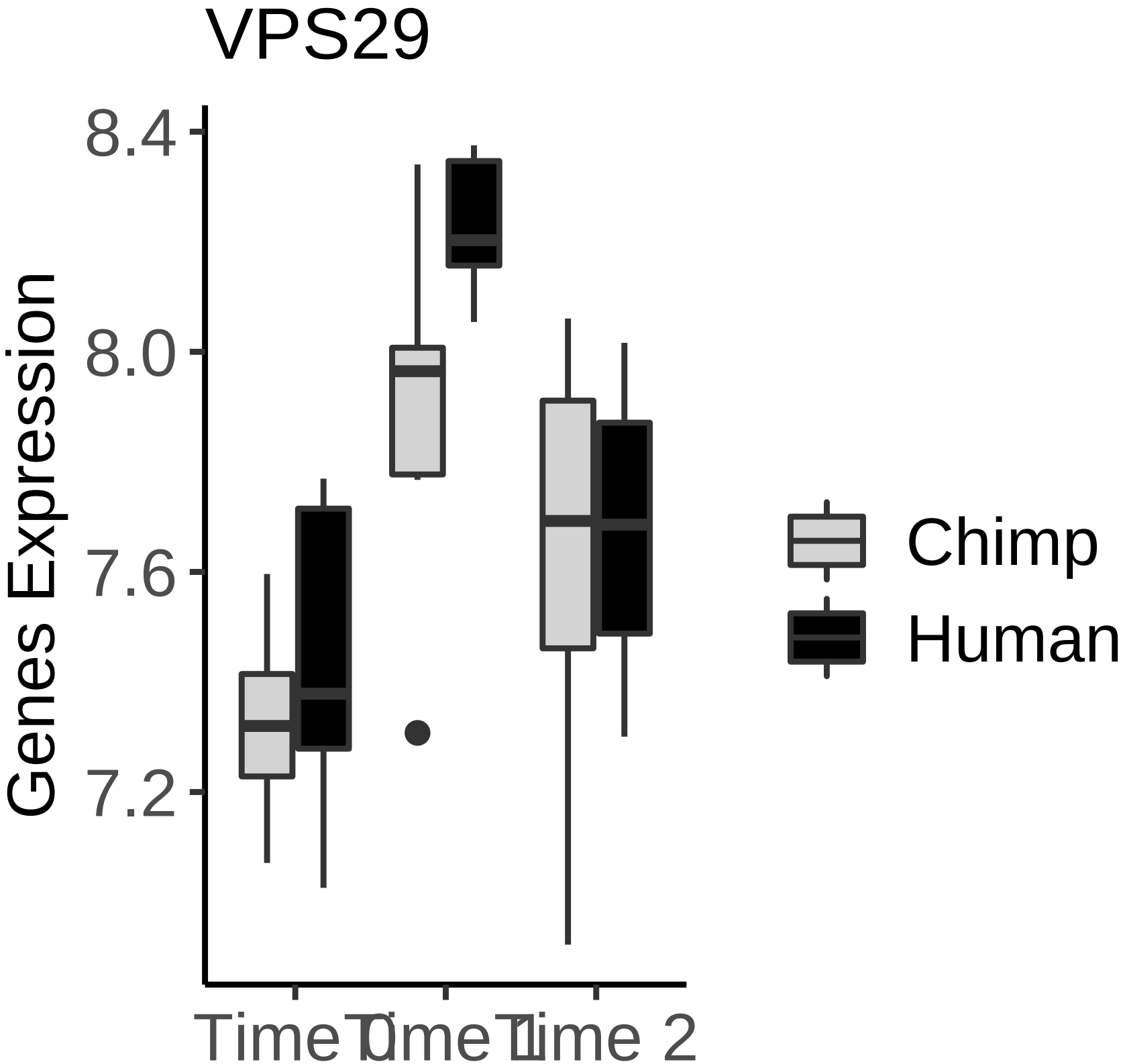
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7.2
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Time 2
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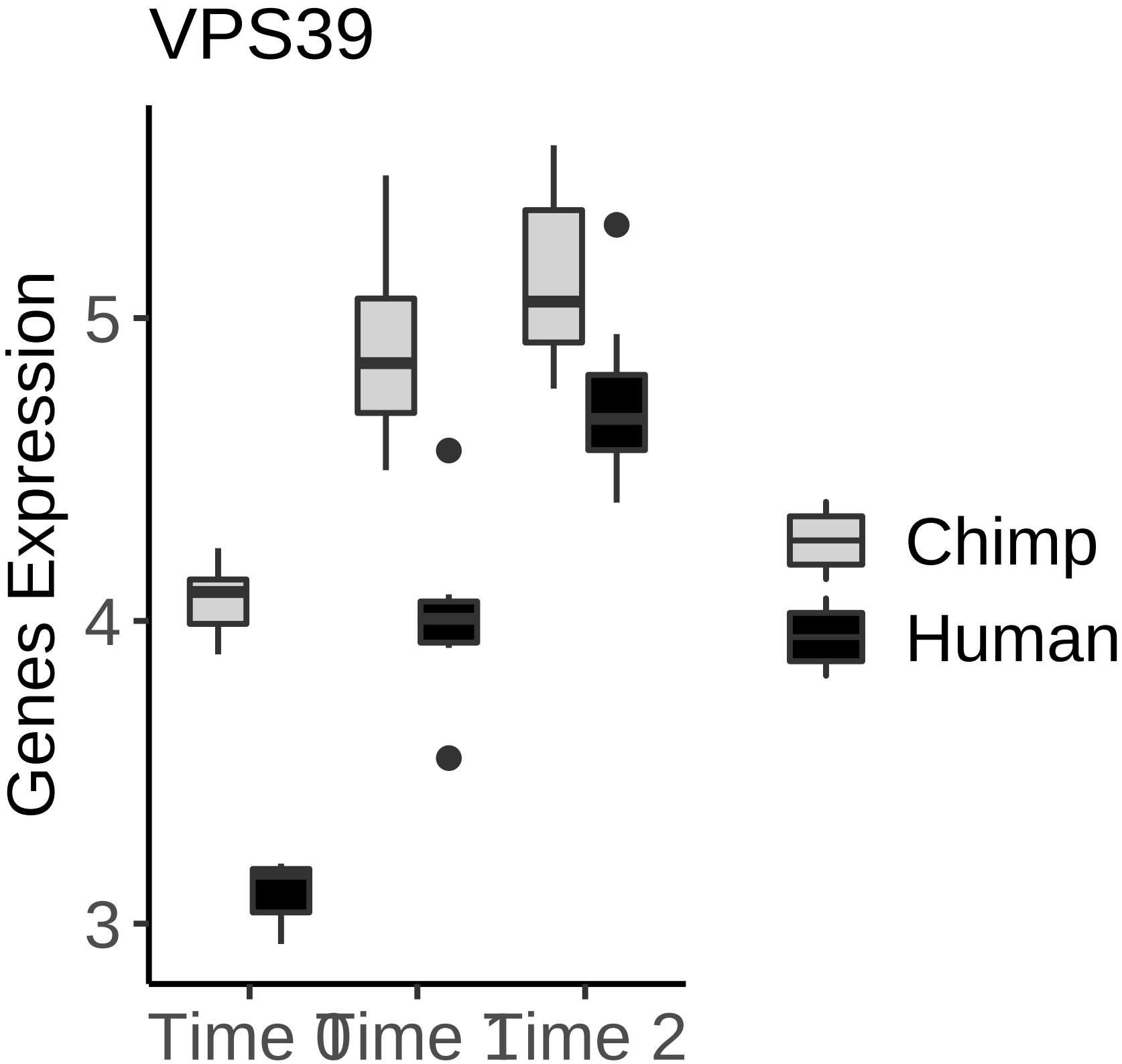
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4
3
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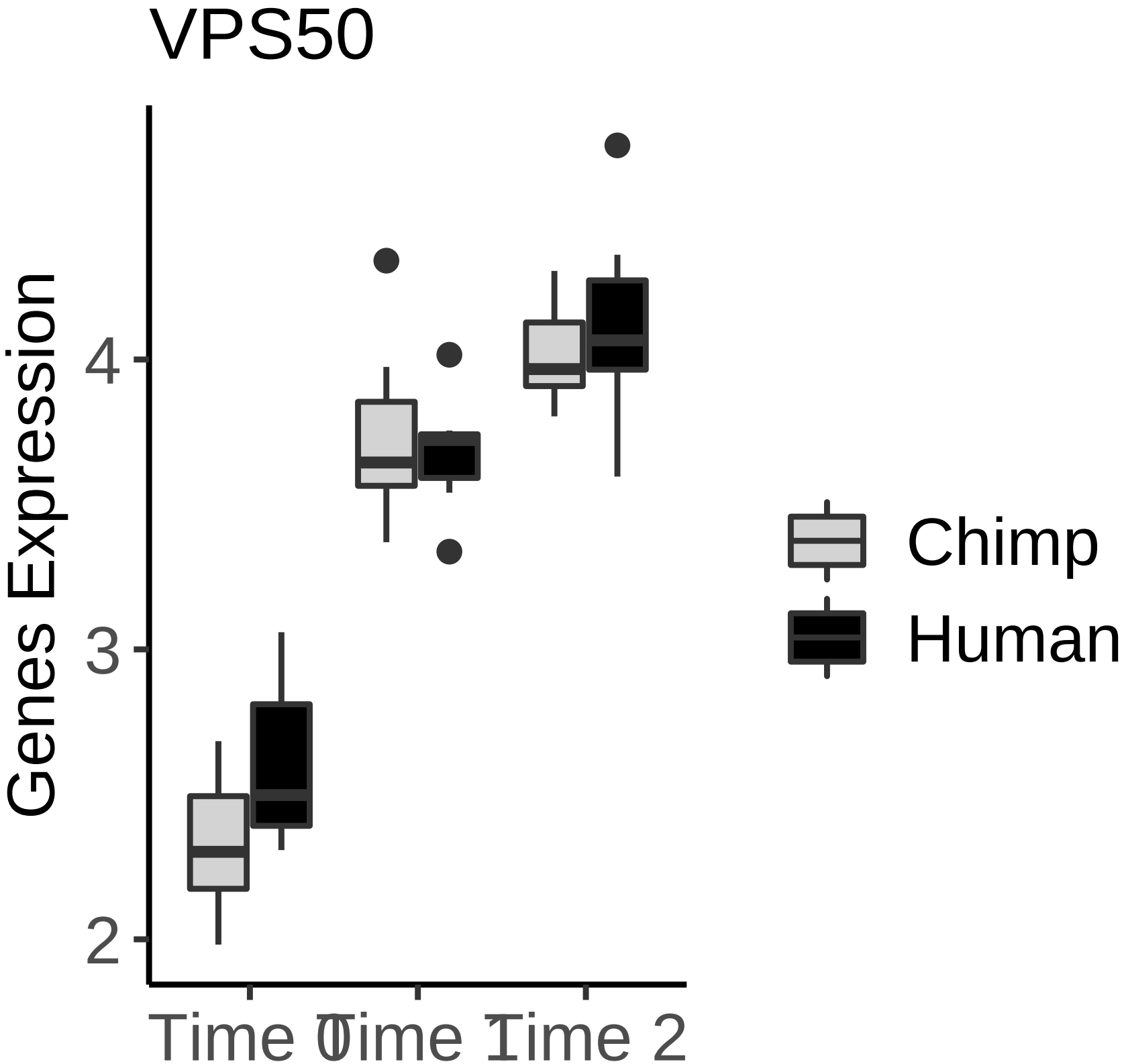
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2
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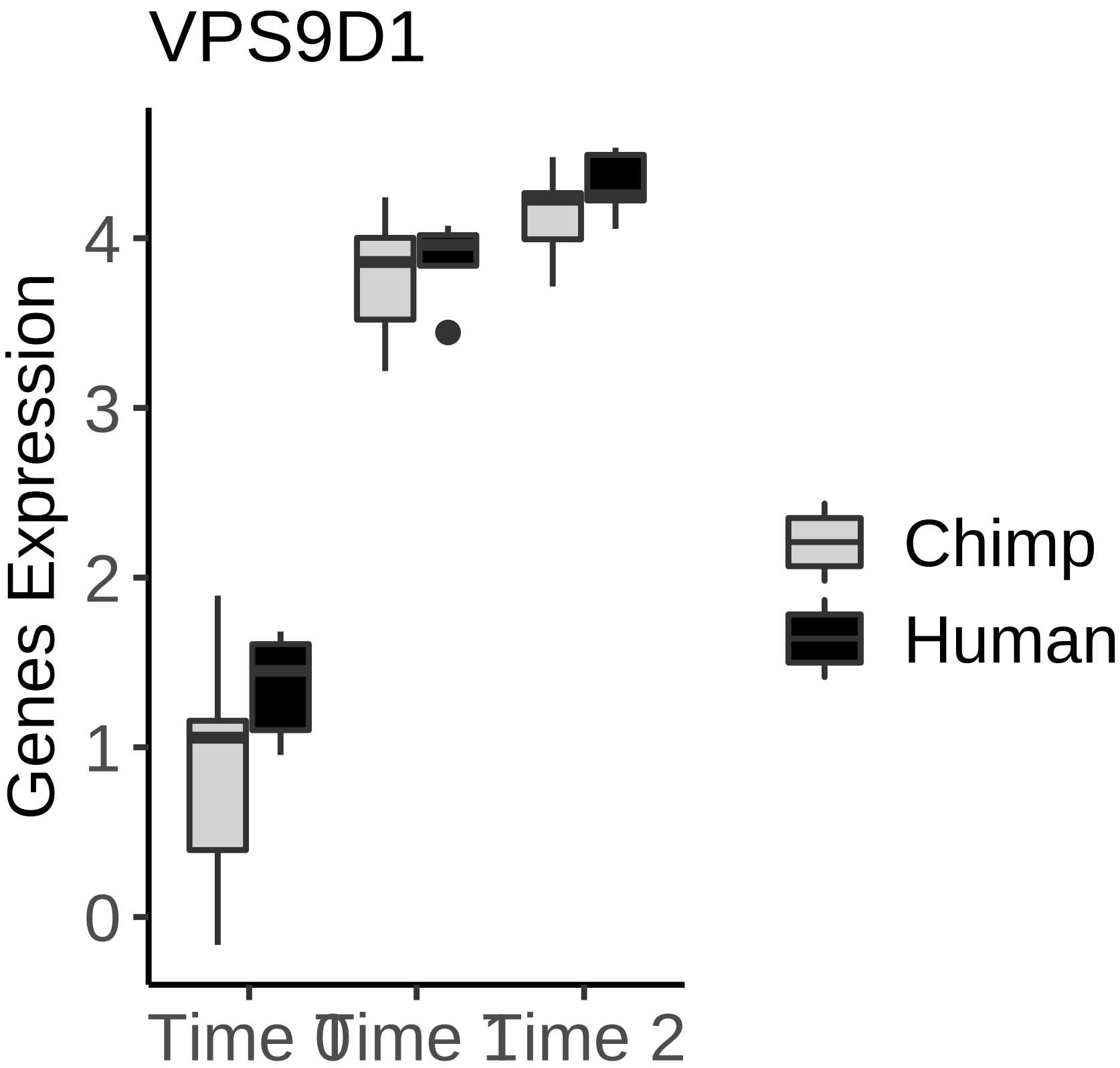
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4
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Time 2
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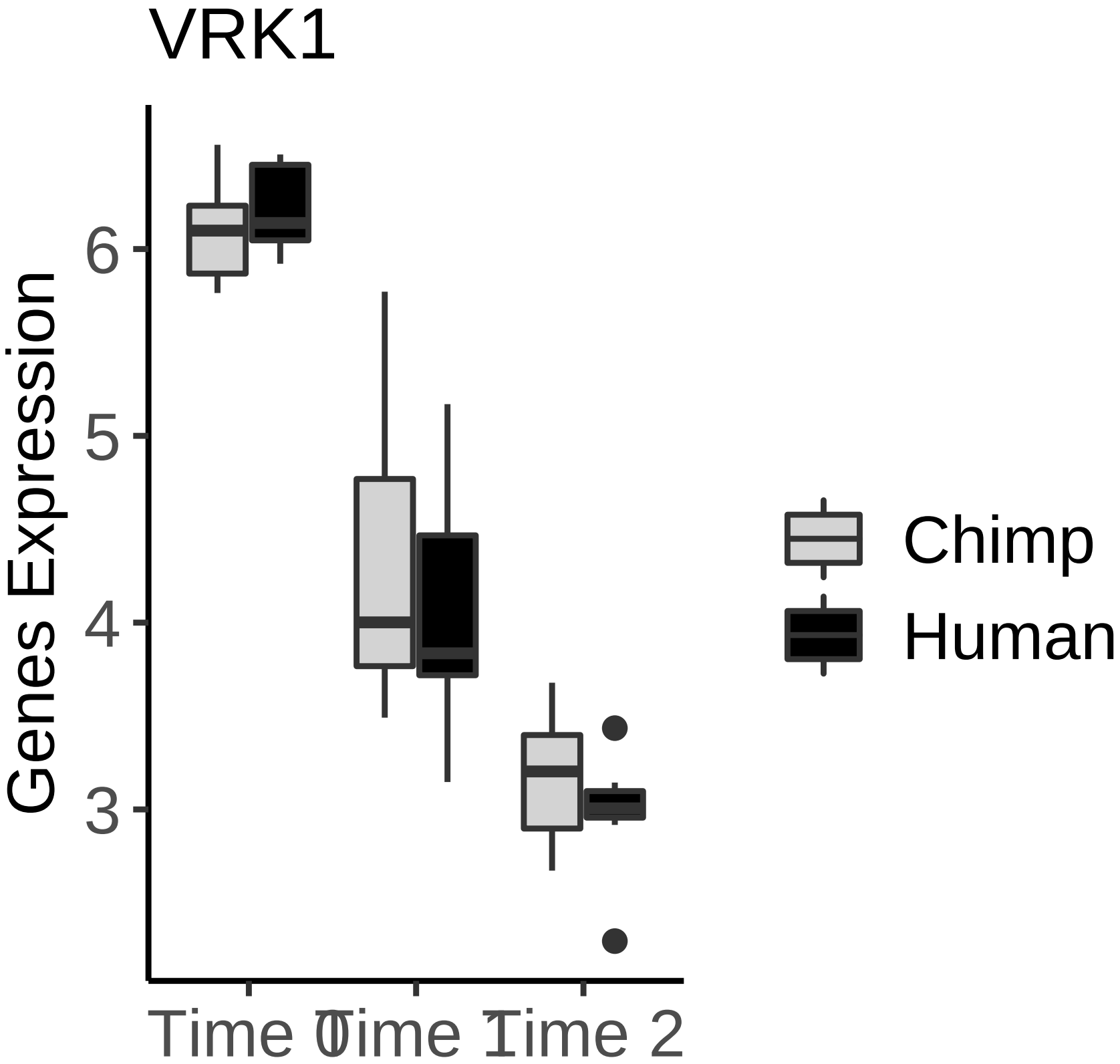
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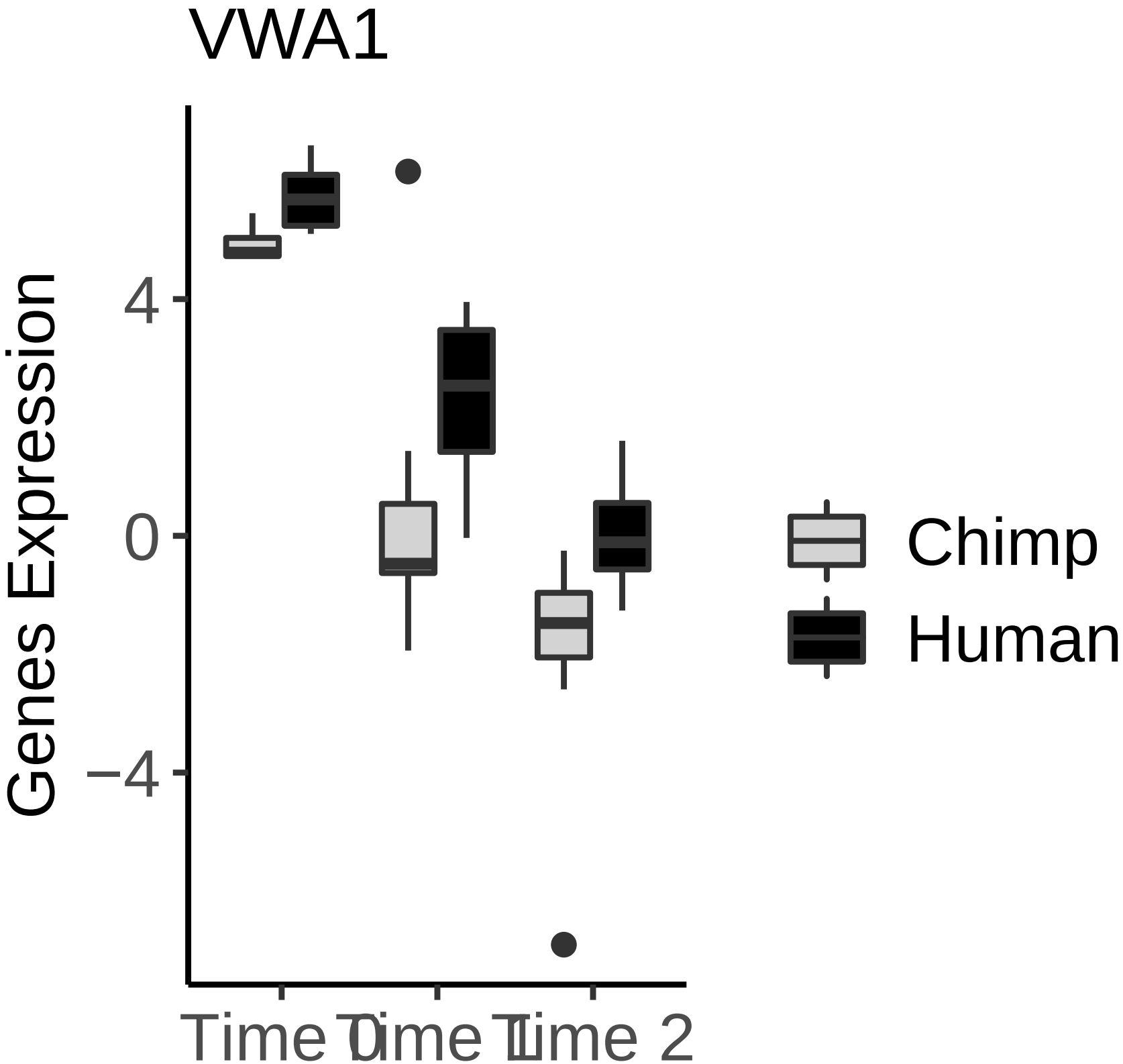
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Time 2
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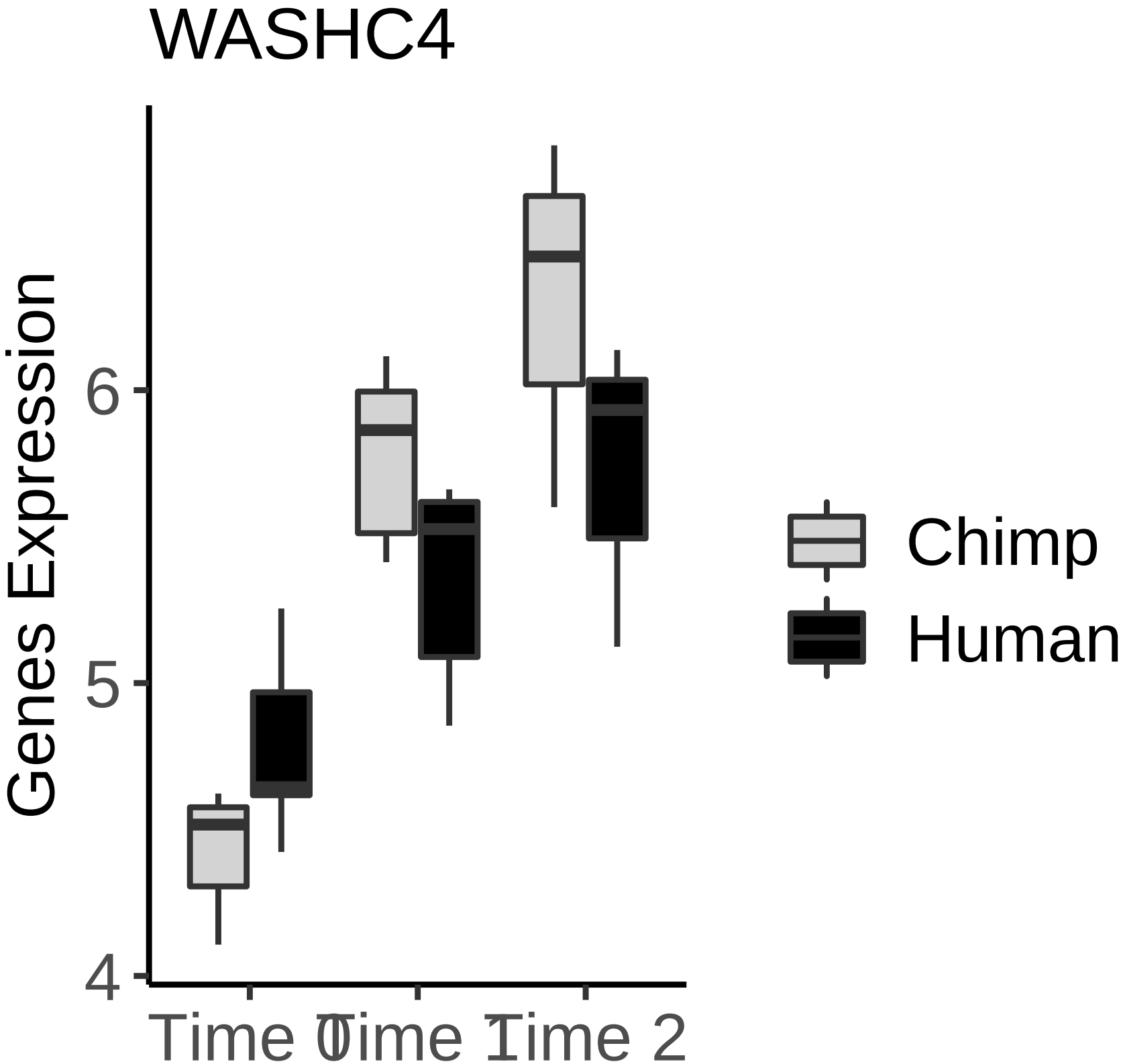
WASHC4
Genes Expression
6
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4
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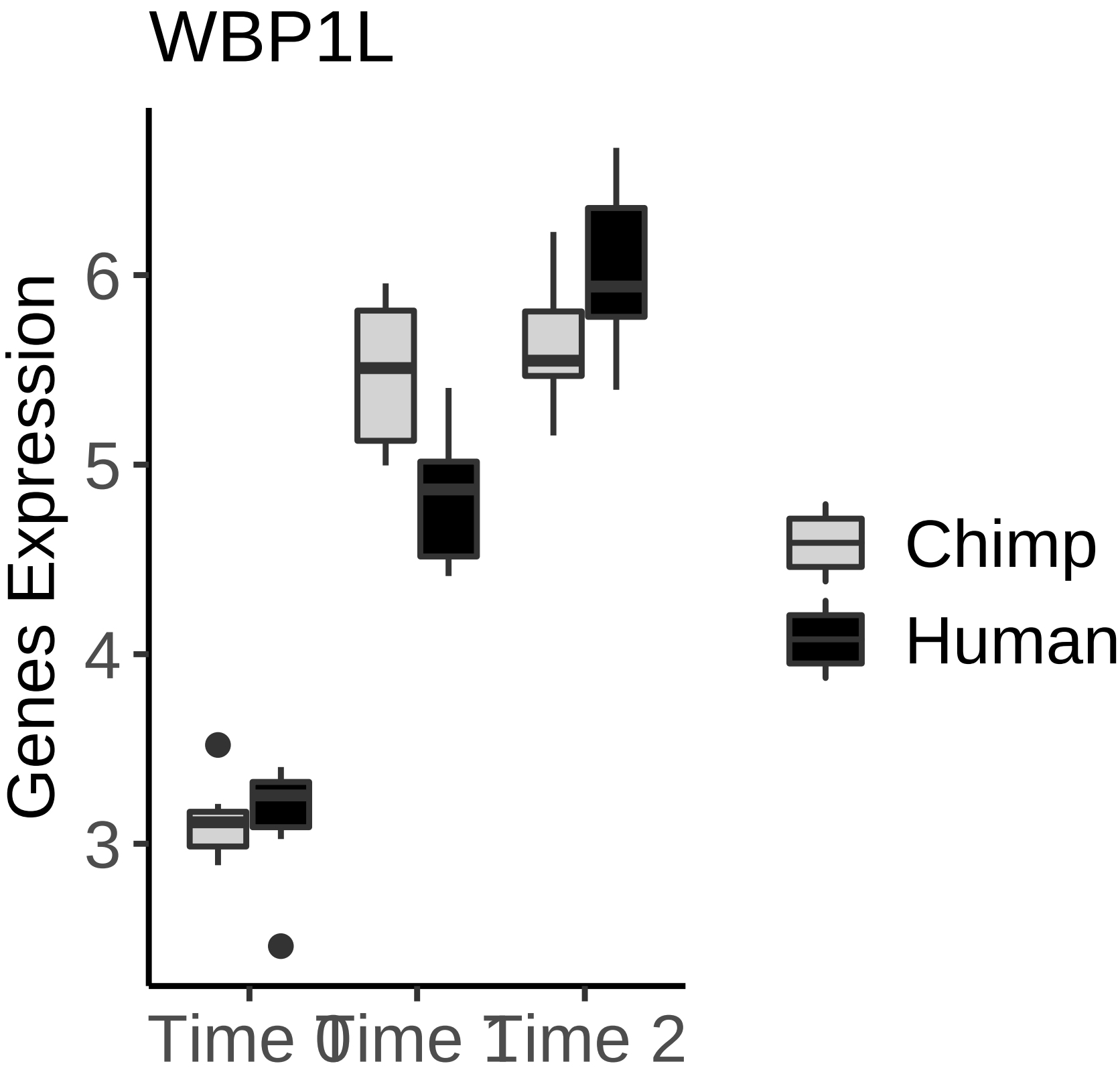
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Time 2
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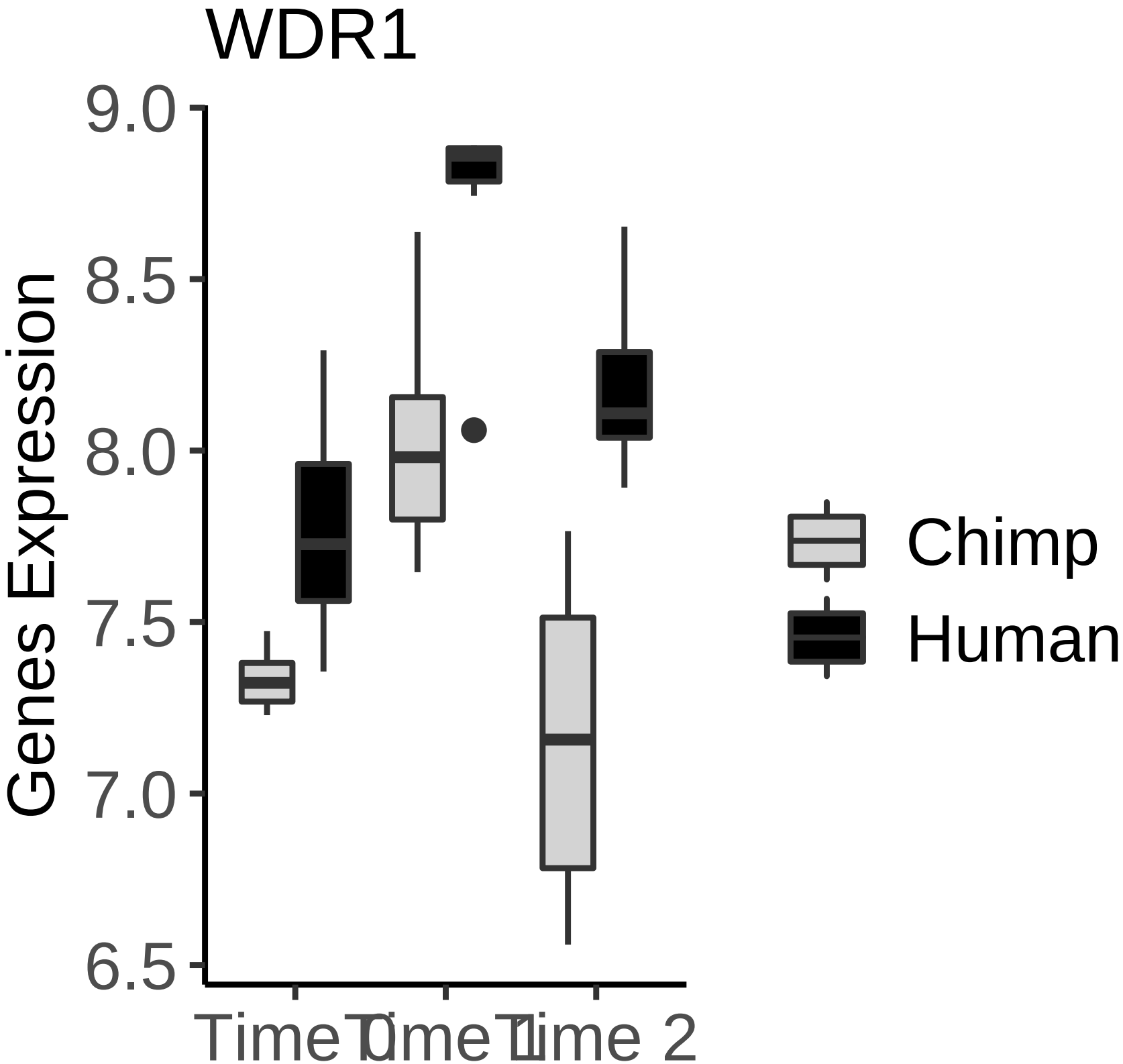
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6.5
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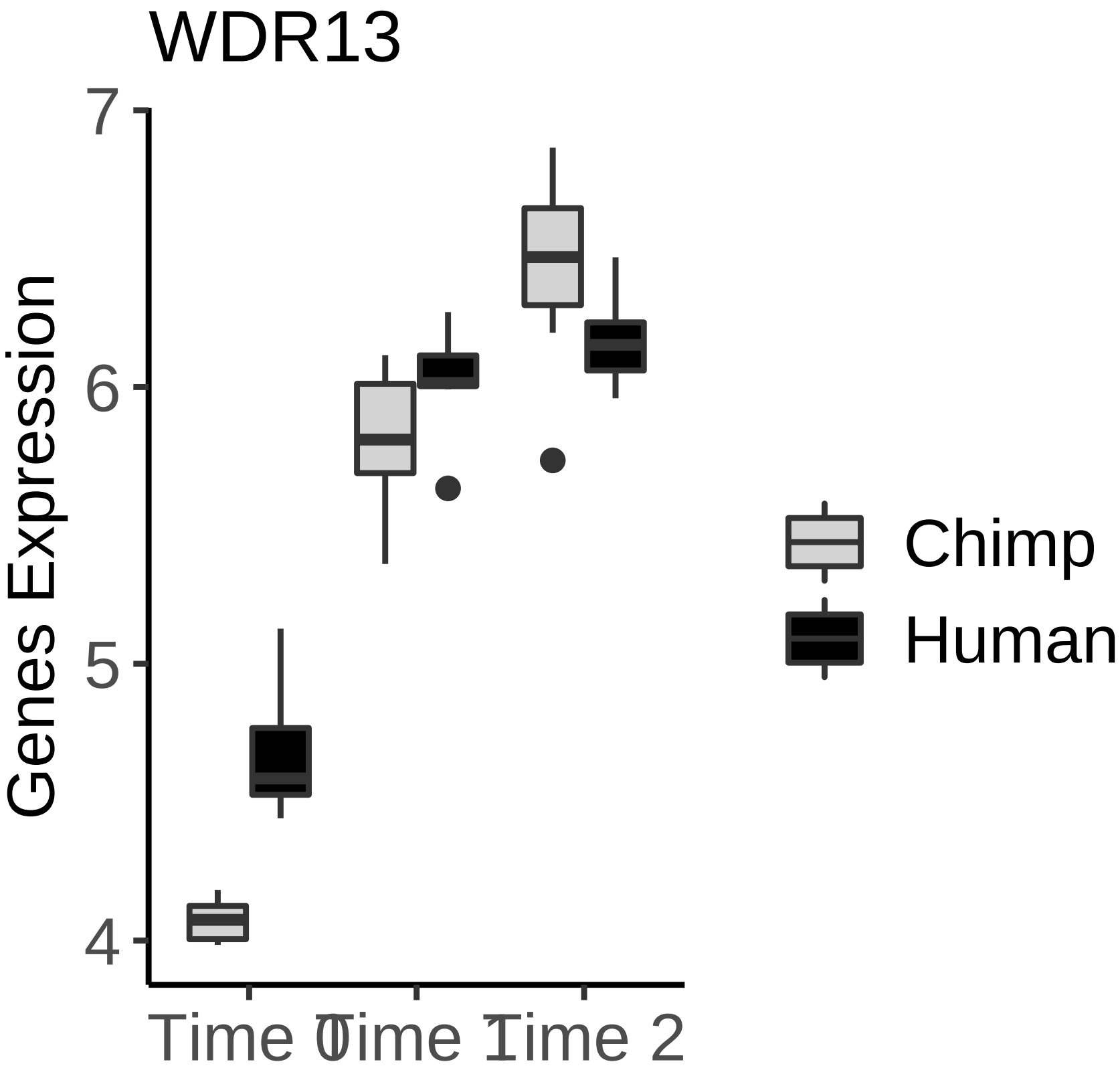
WDR13
Genes Expression
7
6
5
4
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Time 2
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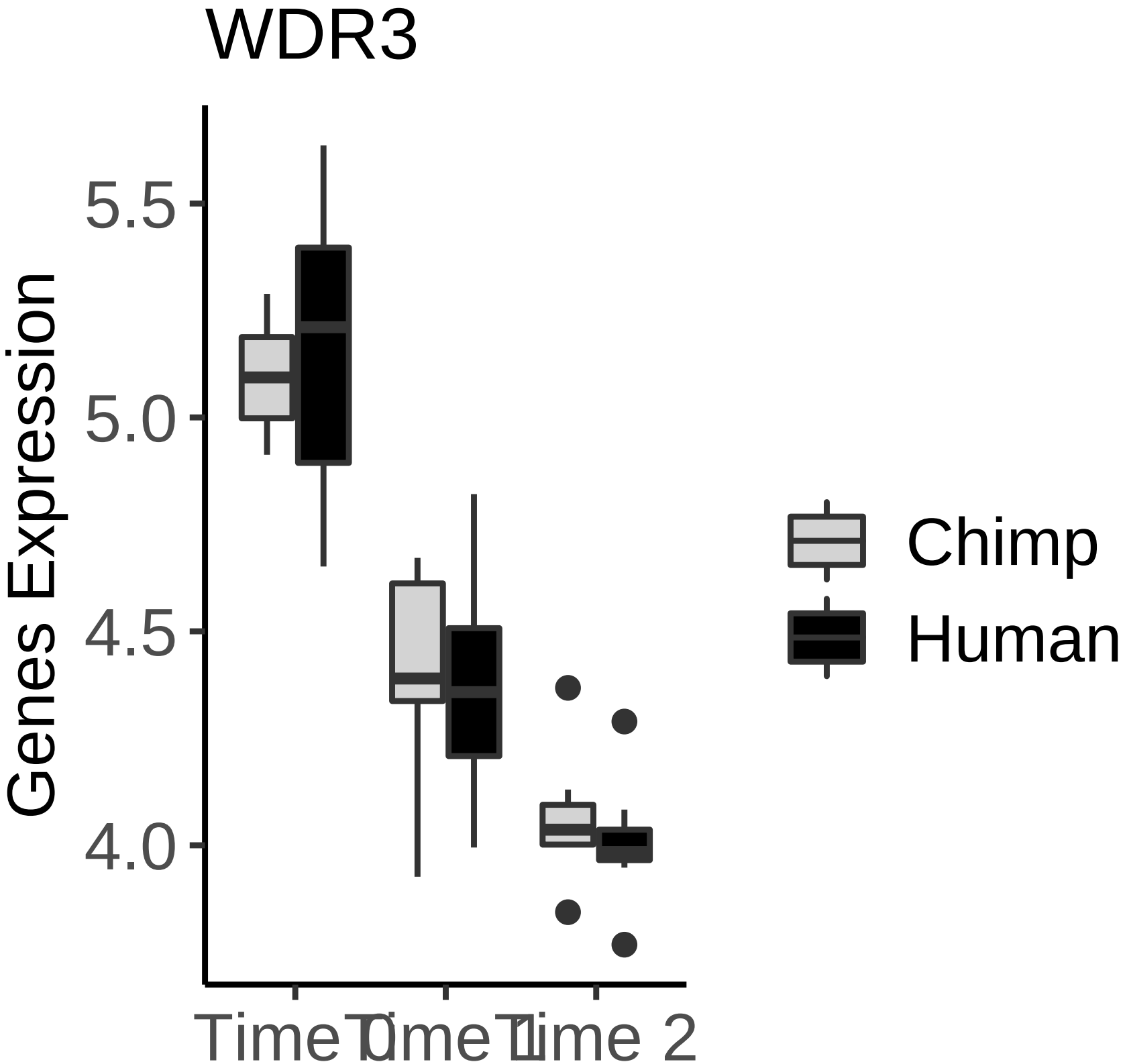
WDR3
Genes Expression
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4.0
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Time 1
Time 2
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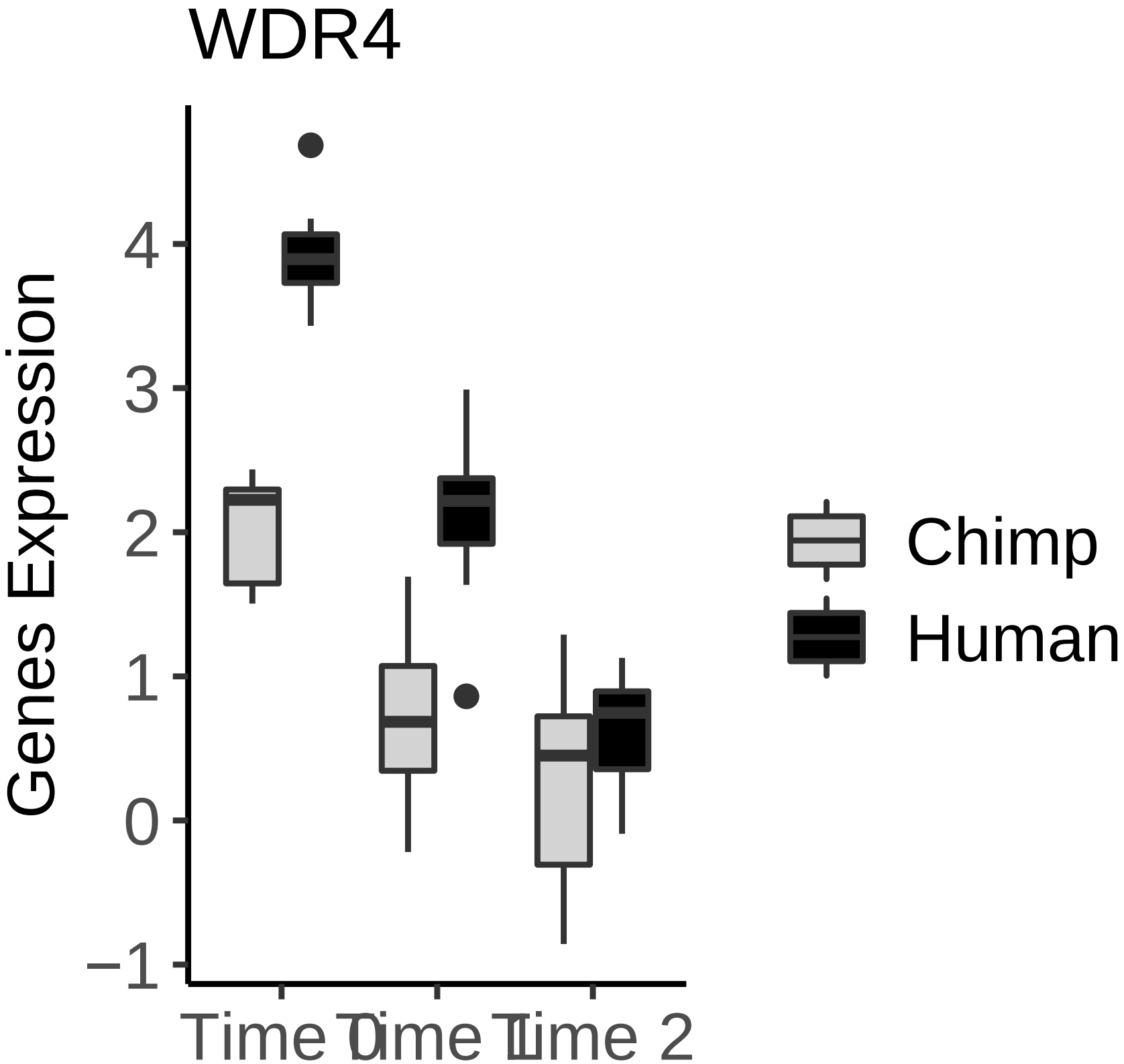
WDR4
Genes Expression
4
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Time 0
Time 1
Time 2
Chimp
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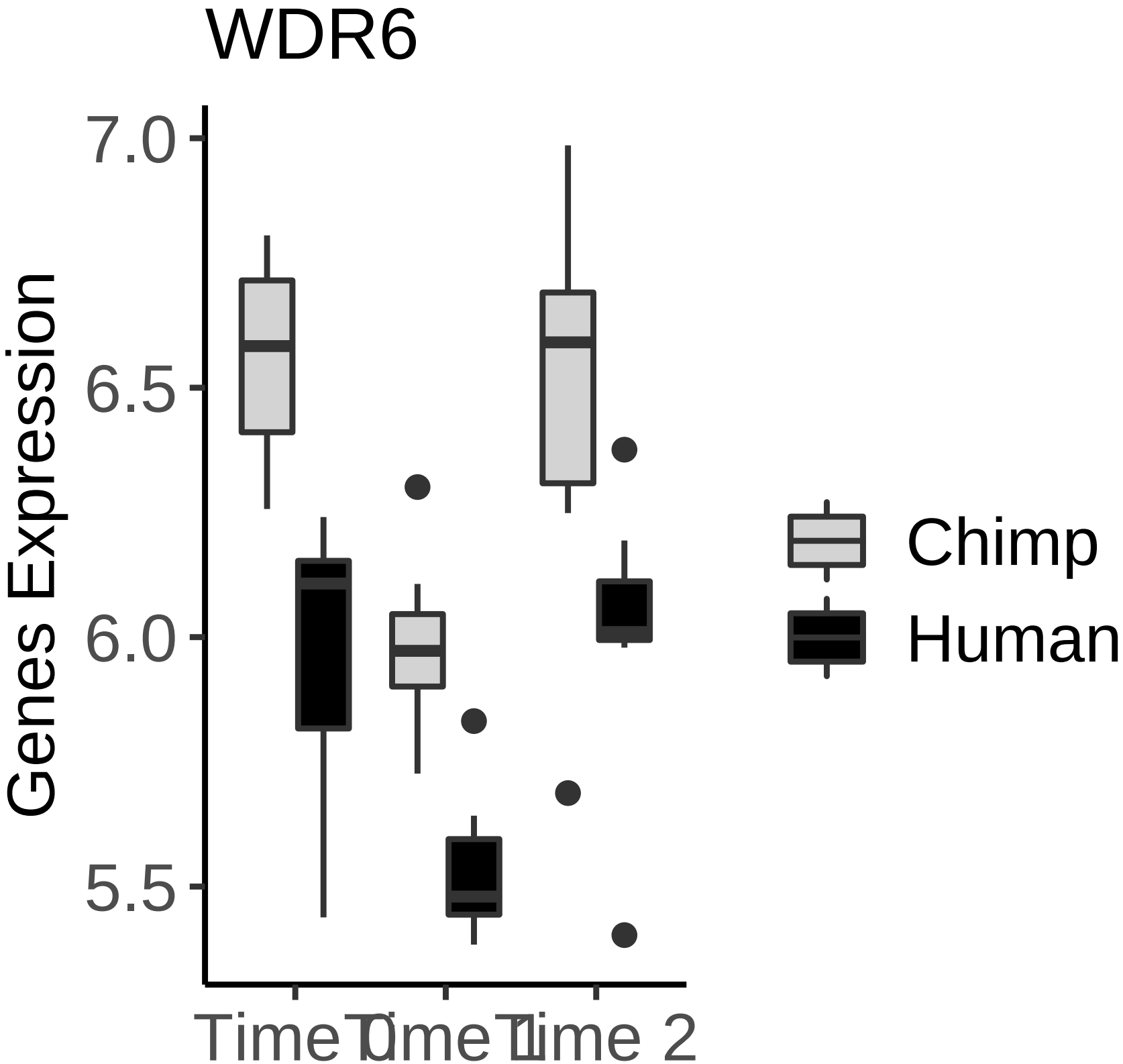
WDR6
Genes Expression
7.0
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5.5
Time 0
Time 1
Time 2
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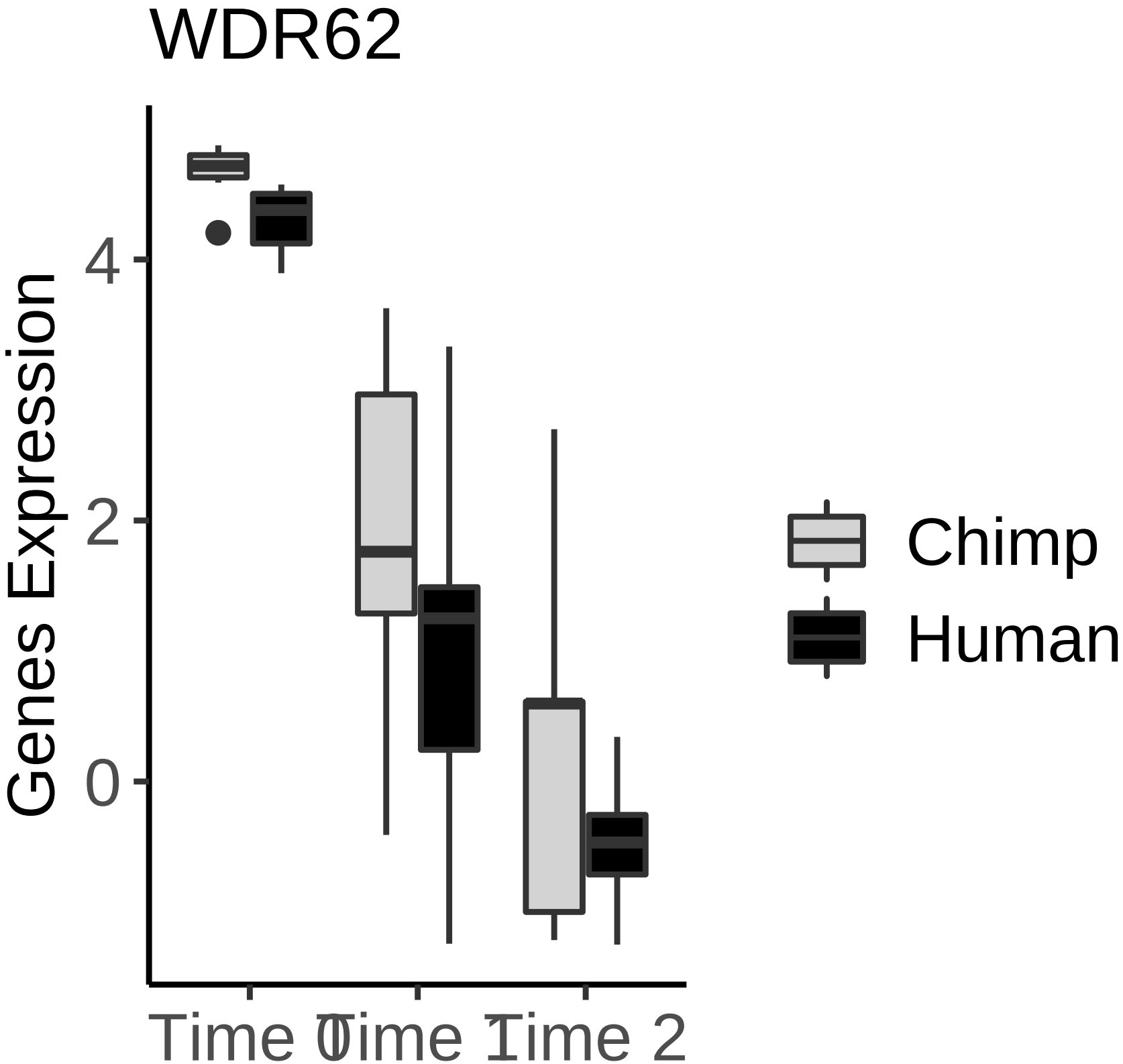
WDR62
Genes Expression
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2
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Chimp
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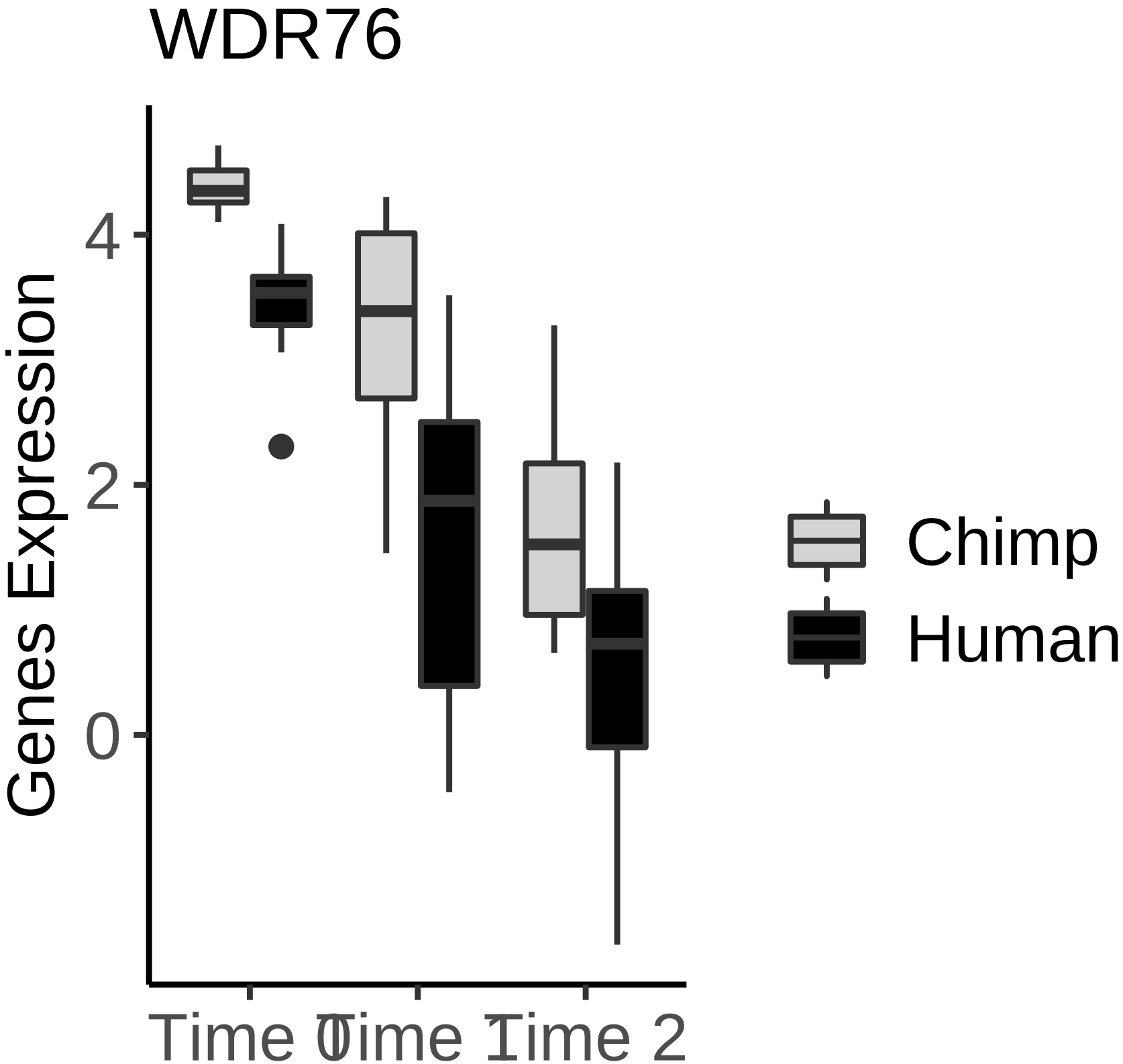
WDR76
Genes Expression
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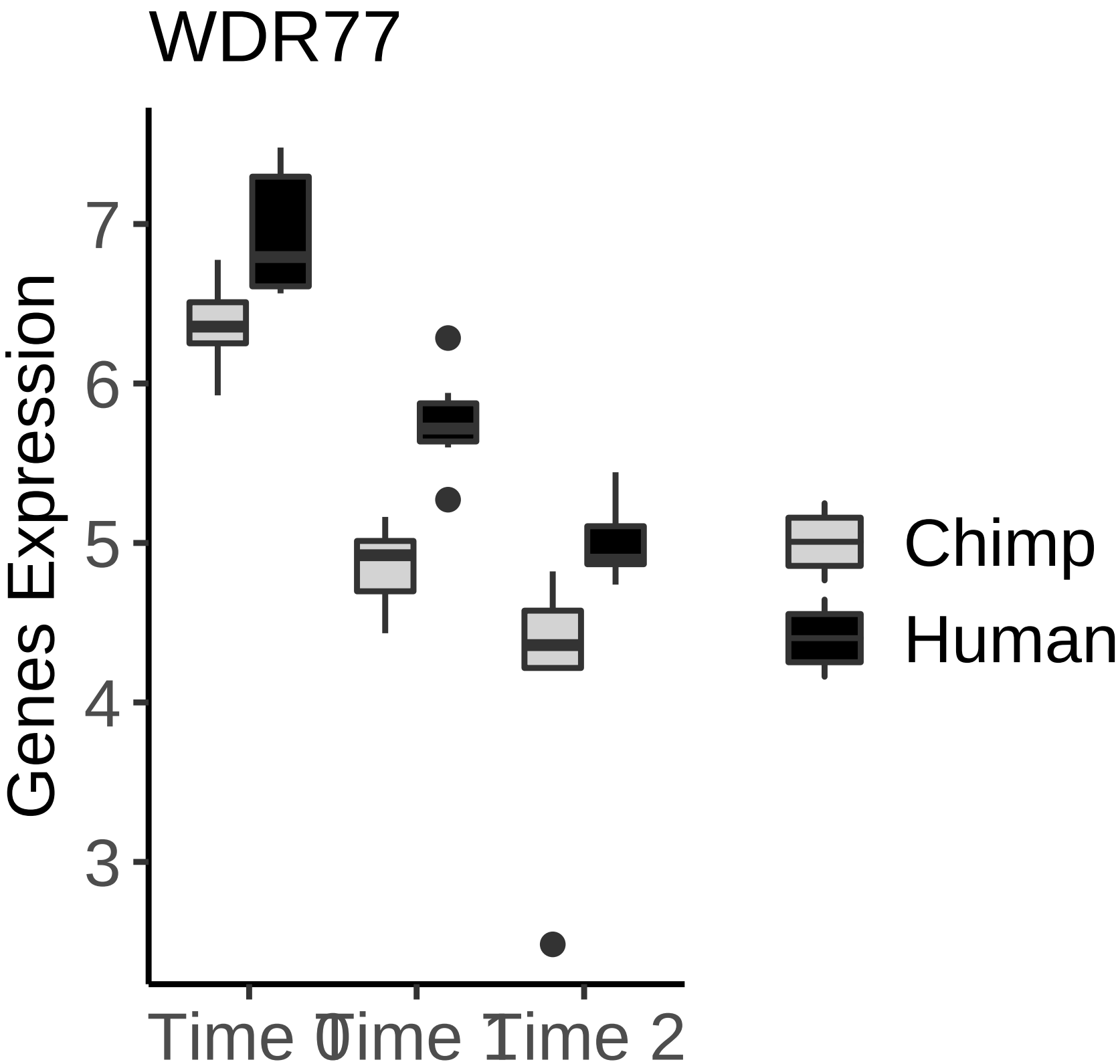
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Time 2
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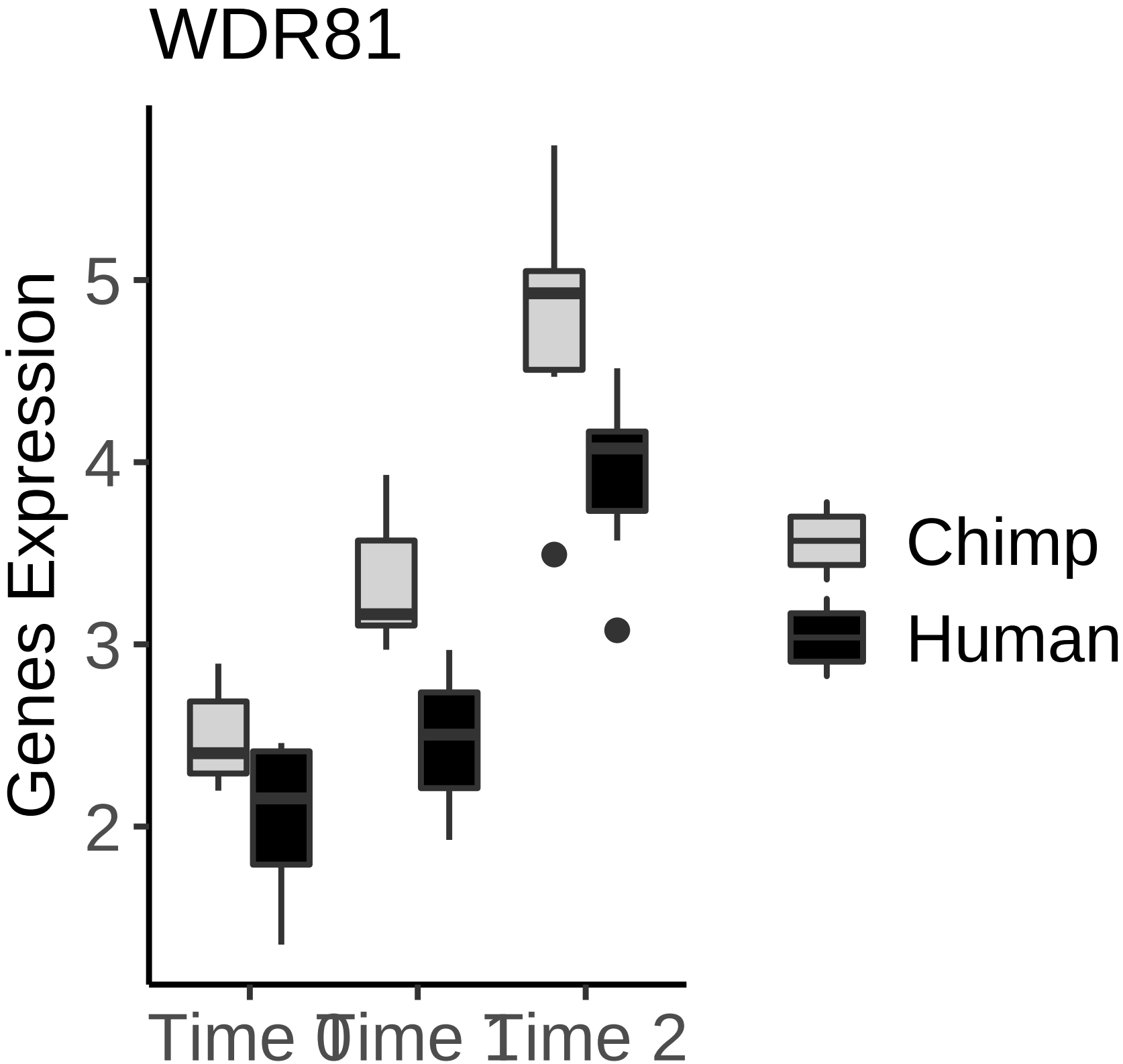
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5
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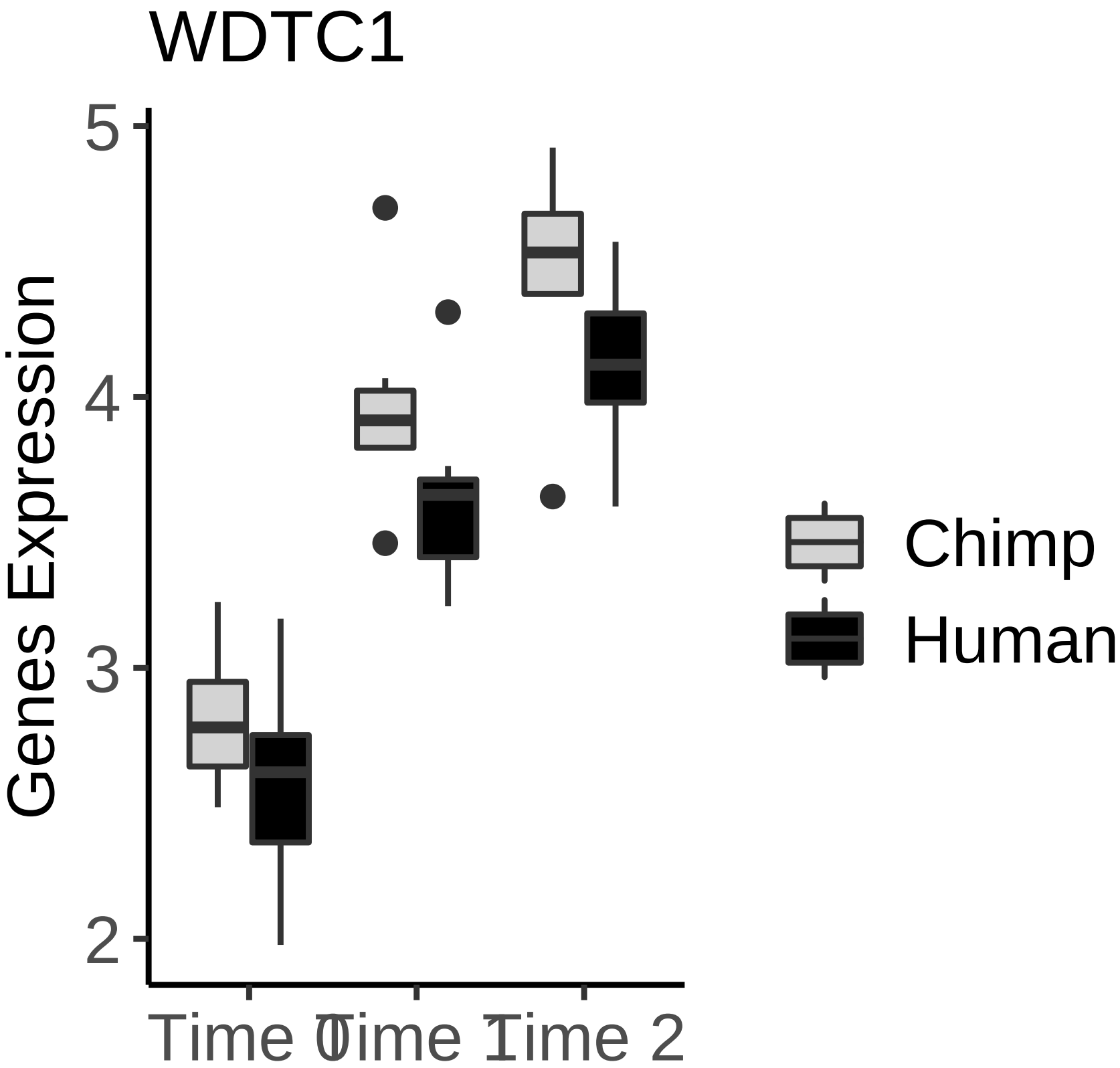
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Genes Expression
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3
2
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Time 2
Chimp
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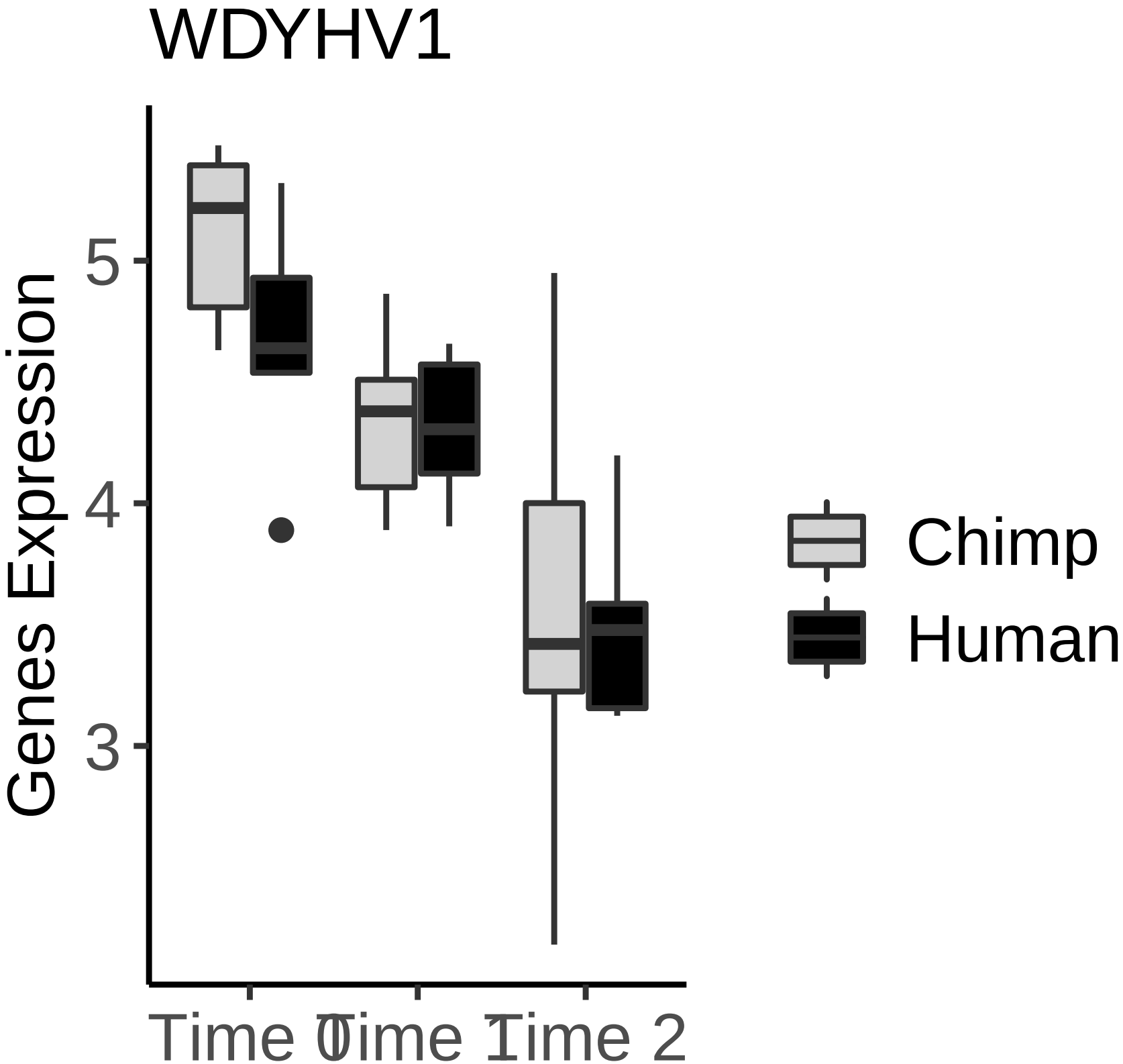
WDYHV1
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Time 2
Chimp
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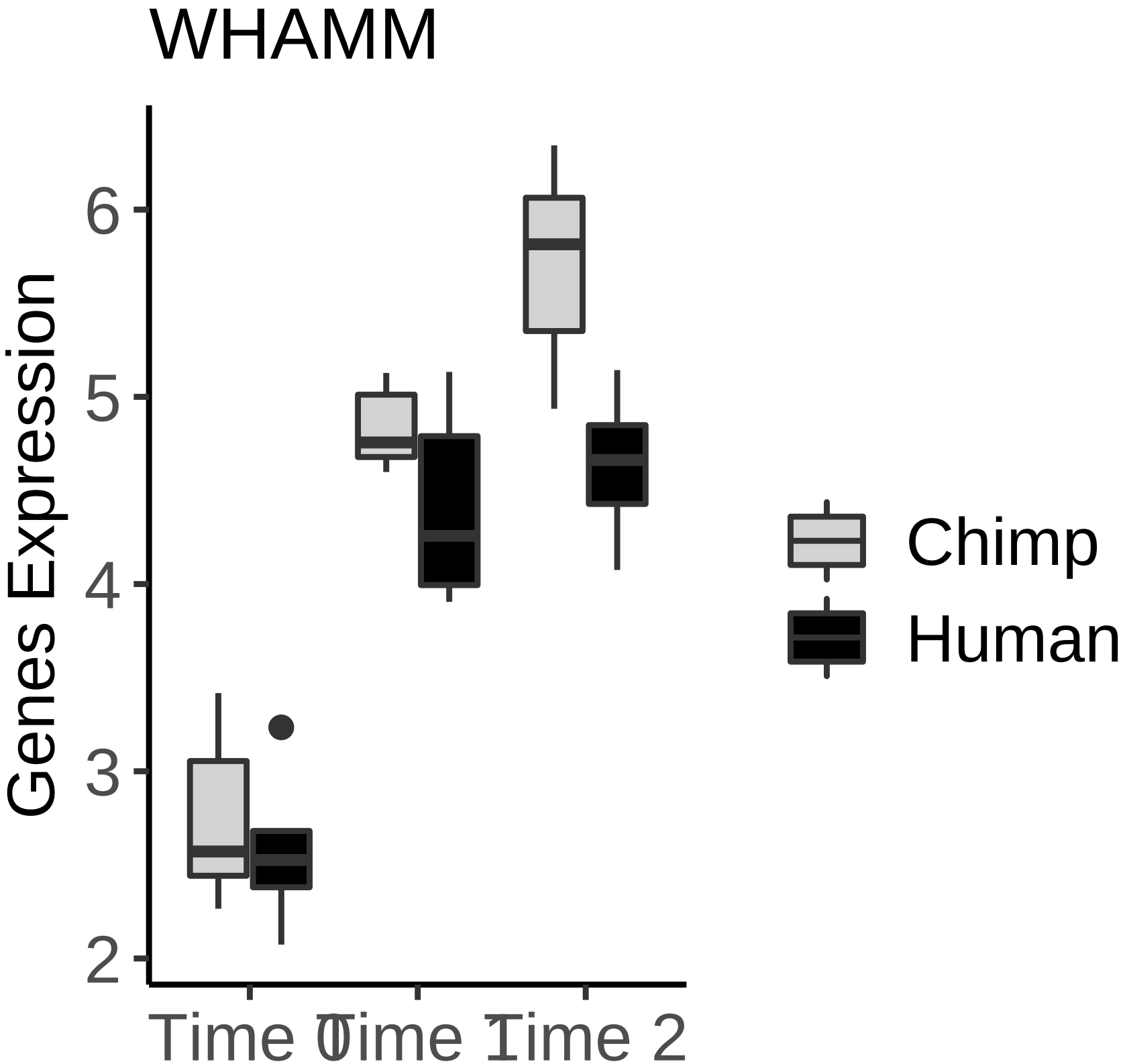
WHAMM
Genes Expression
6
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4
3
2
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Time 1
Time 2
Chimp
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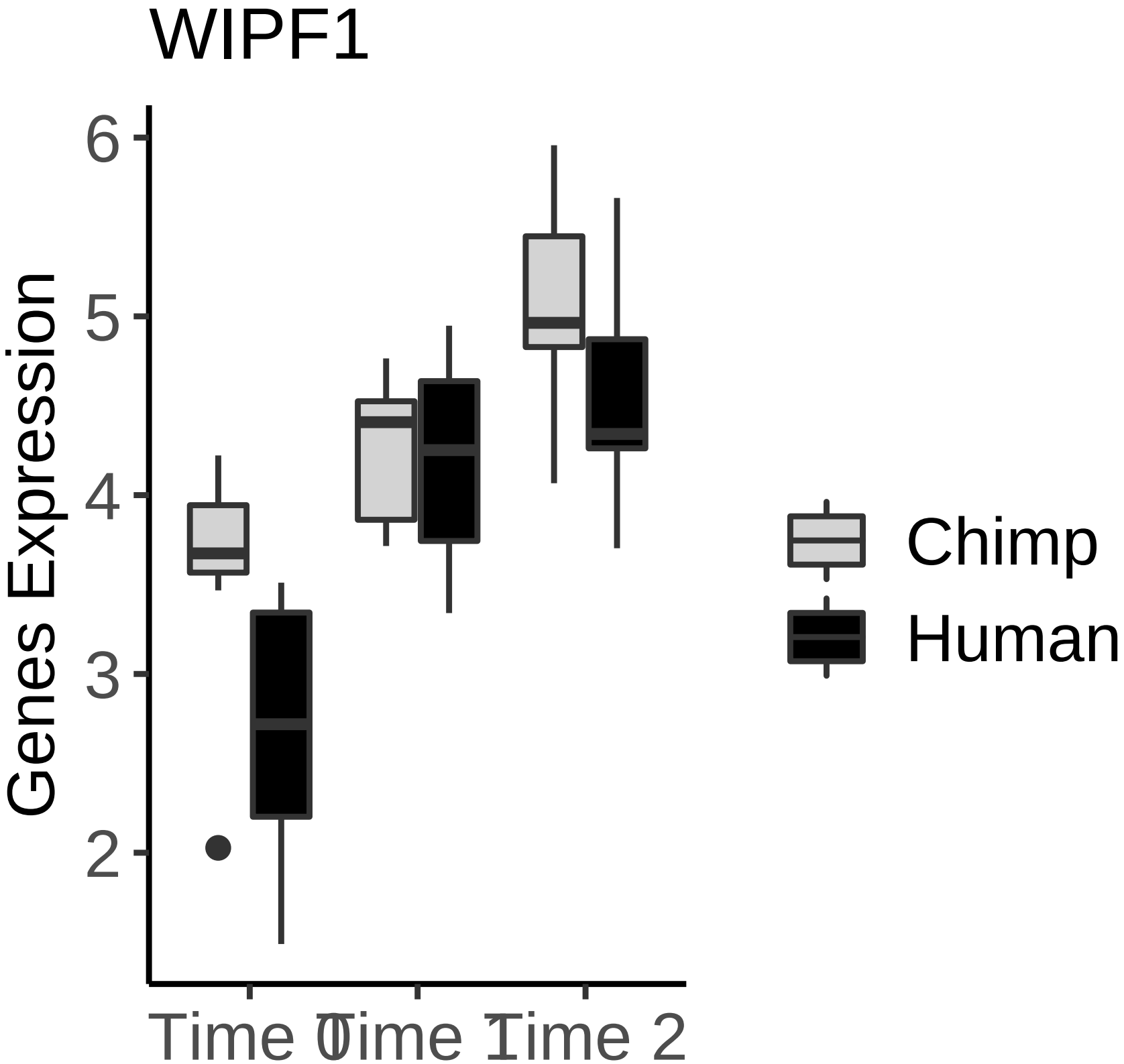
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Genes Expression
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Time 2
Chimp
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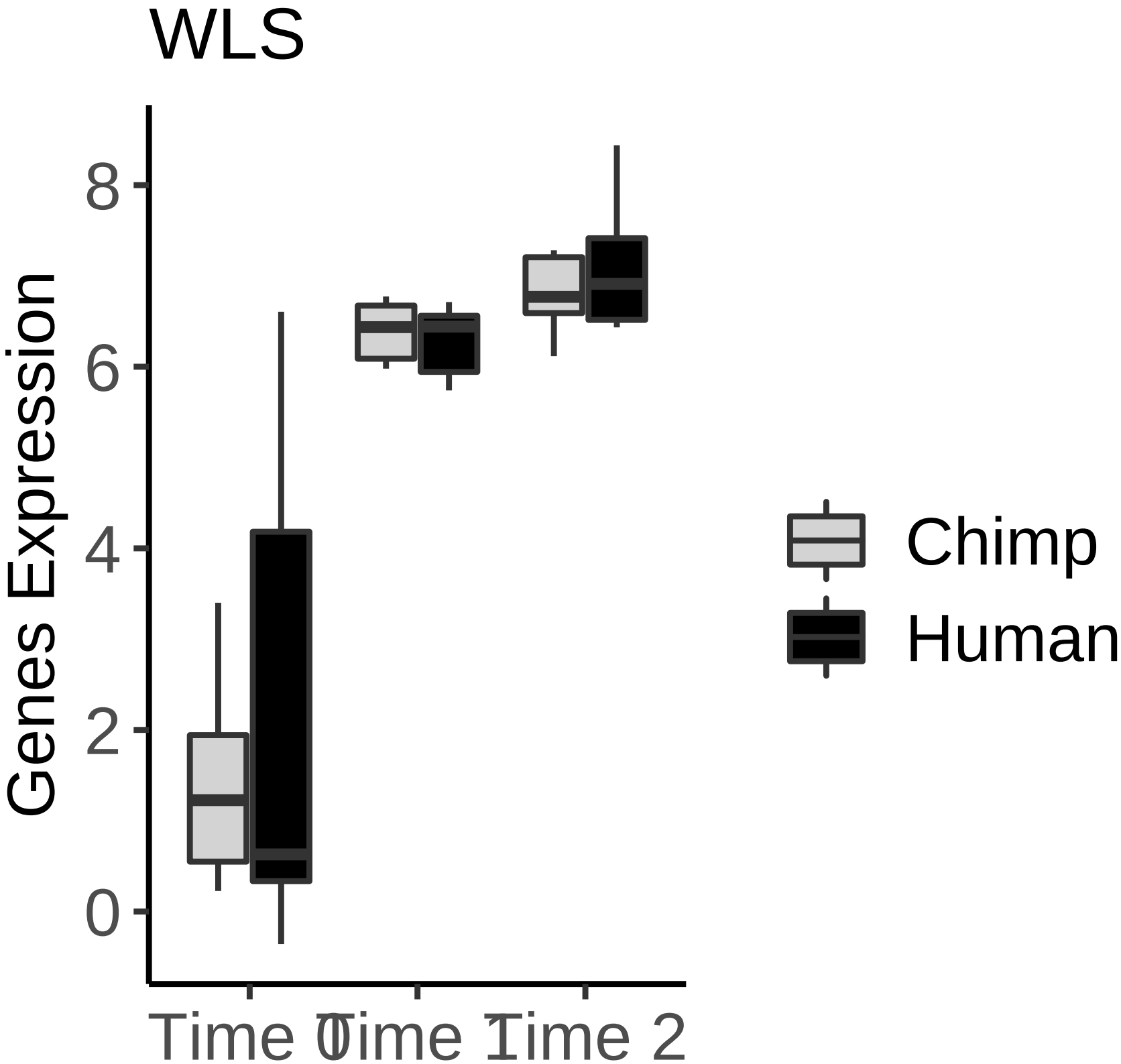
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8
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Time 2
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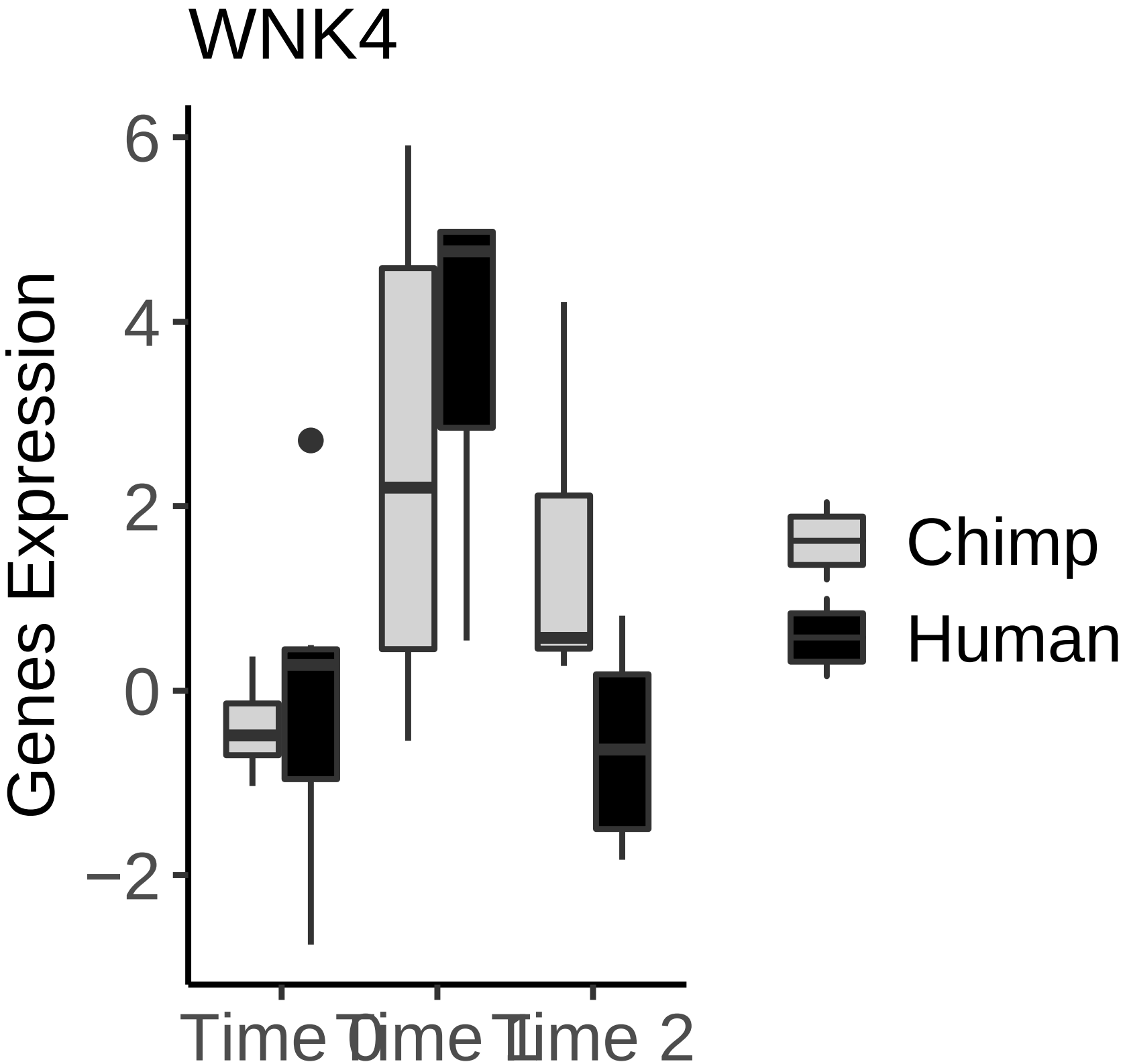
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Genes Expression
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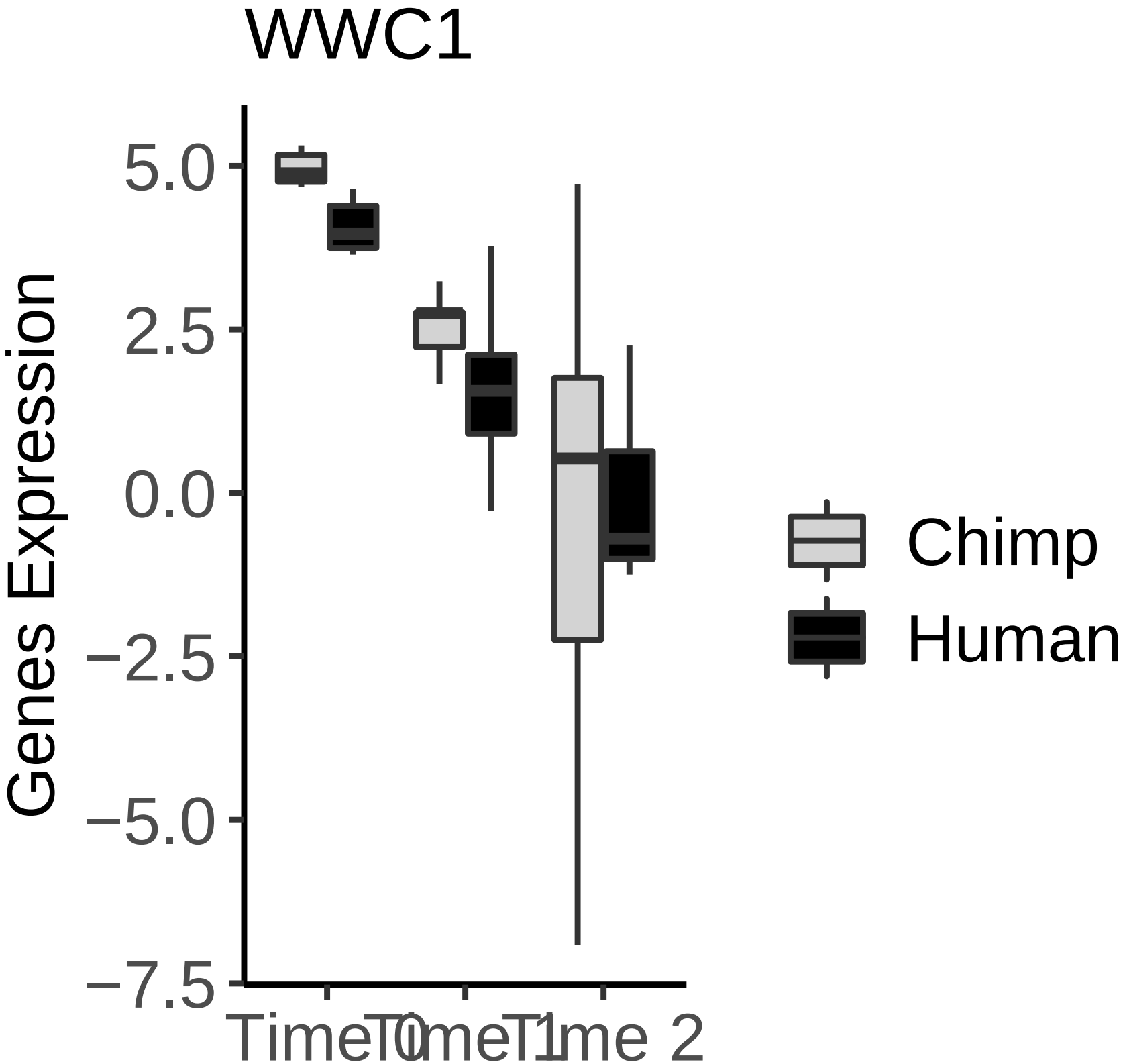
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Time 1
Time 2
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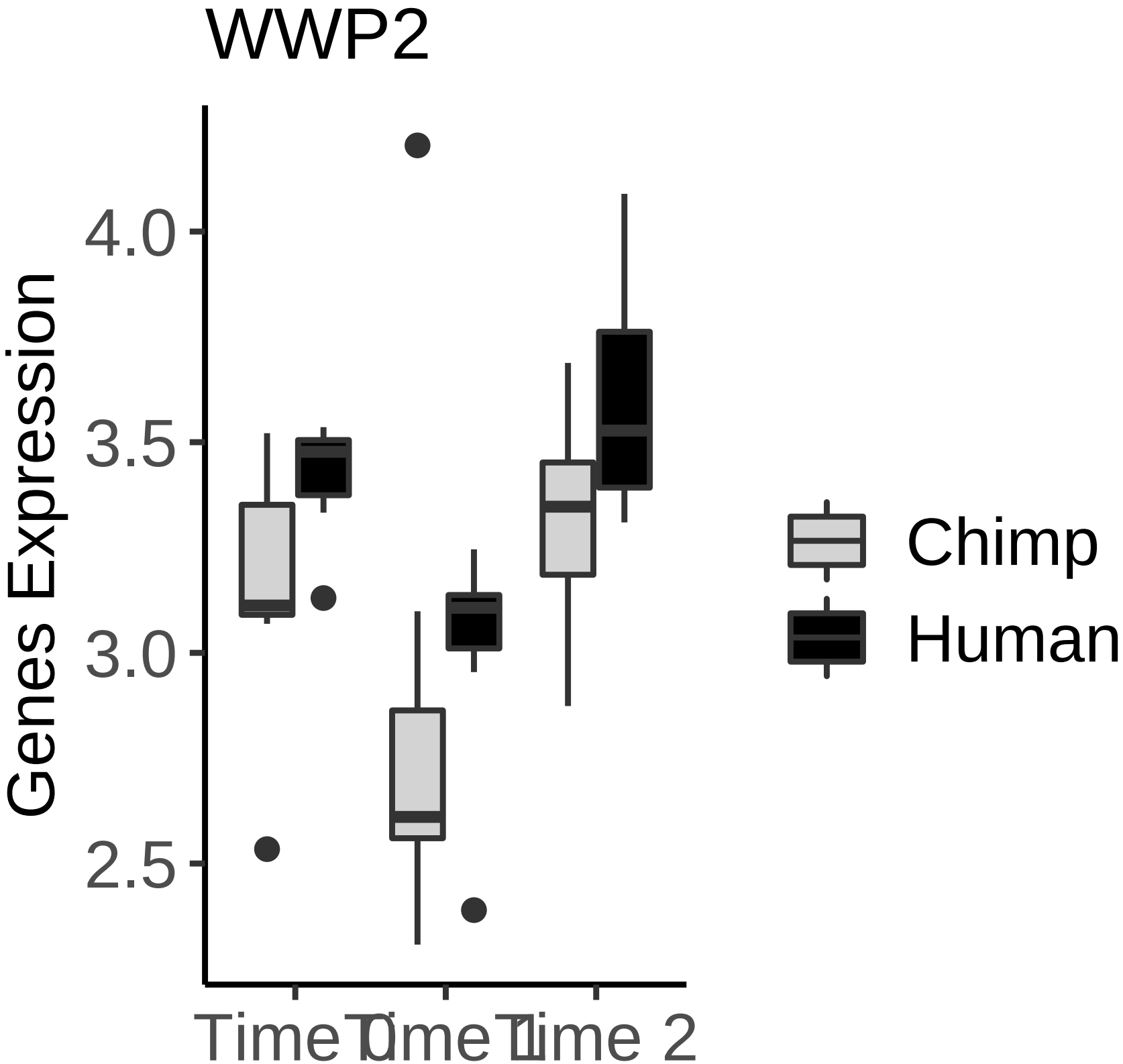
WWP2
Genes Expression
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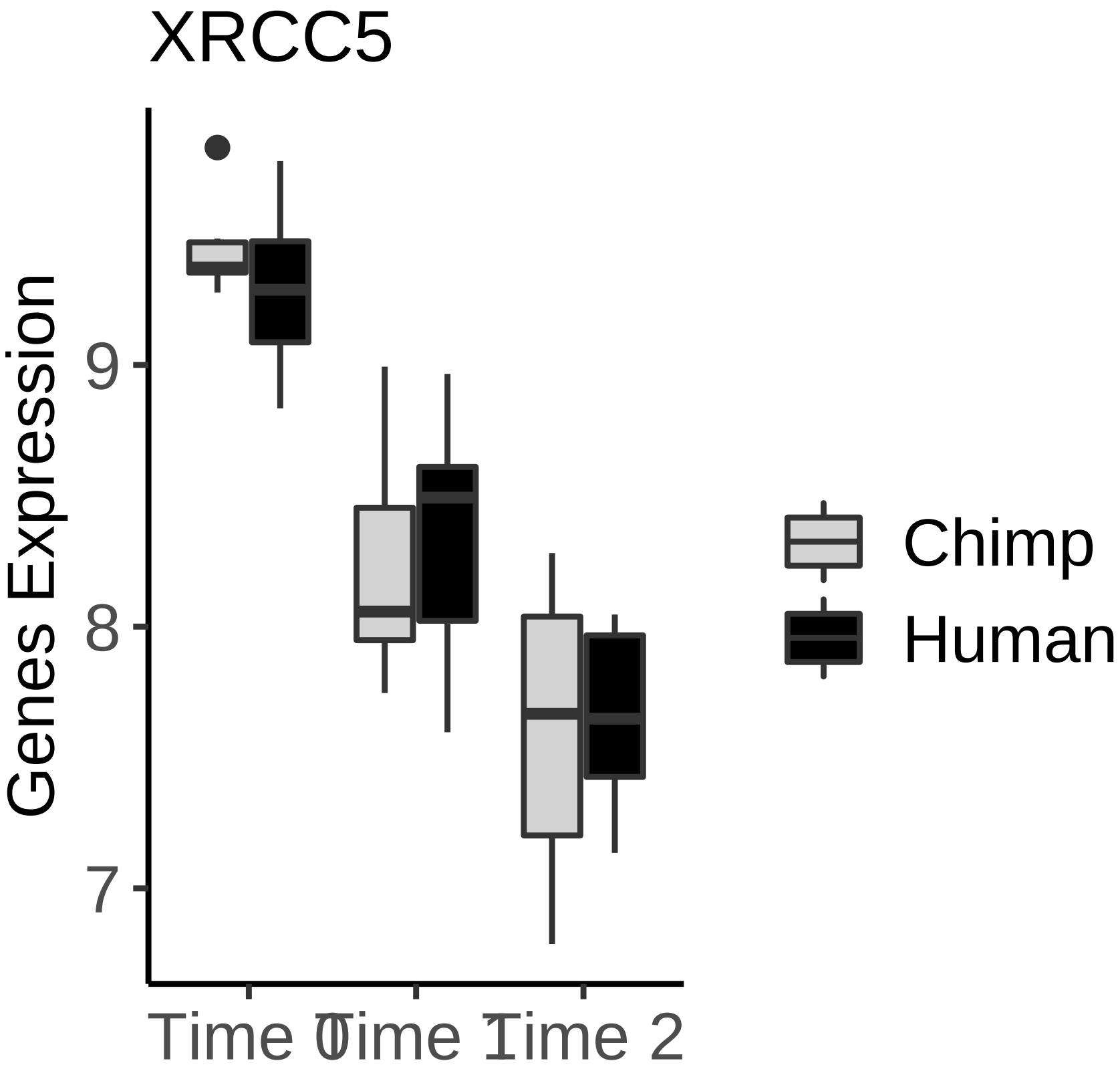
3.0
2.5
Time 0
Time 1
Time 2
Chimp
Human


XRCC5
Genes Expression
9
8
7
Time 0
Time 1
Time 2
Chimp
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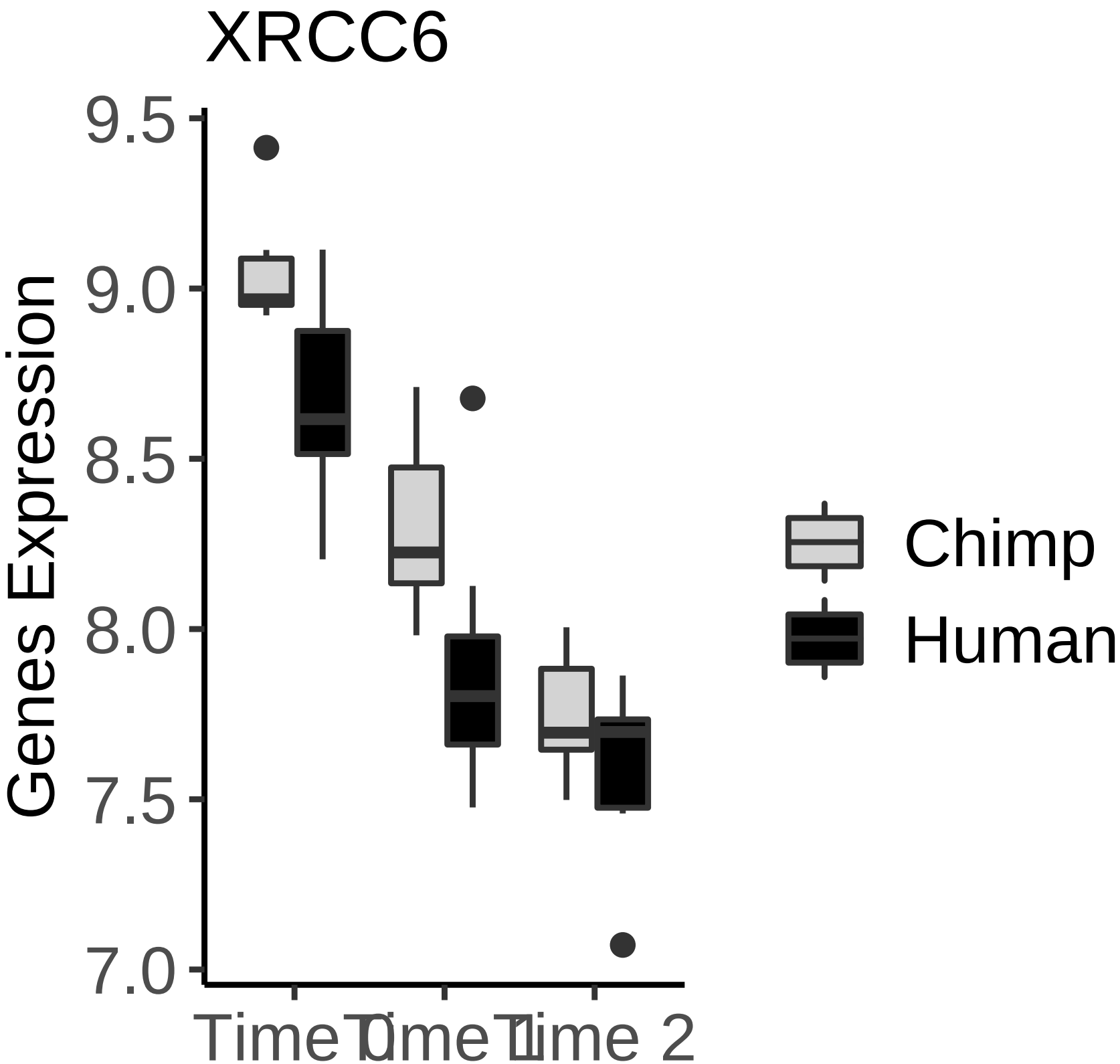
XRCC6
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7.0
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Time 2
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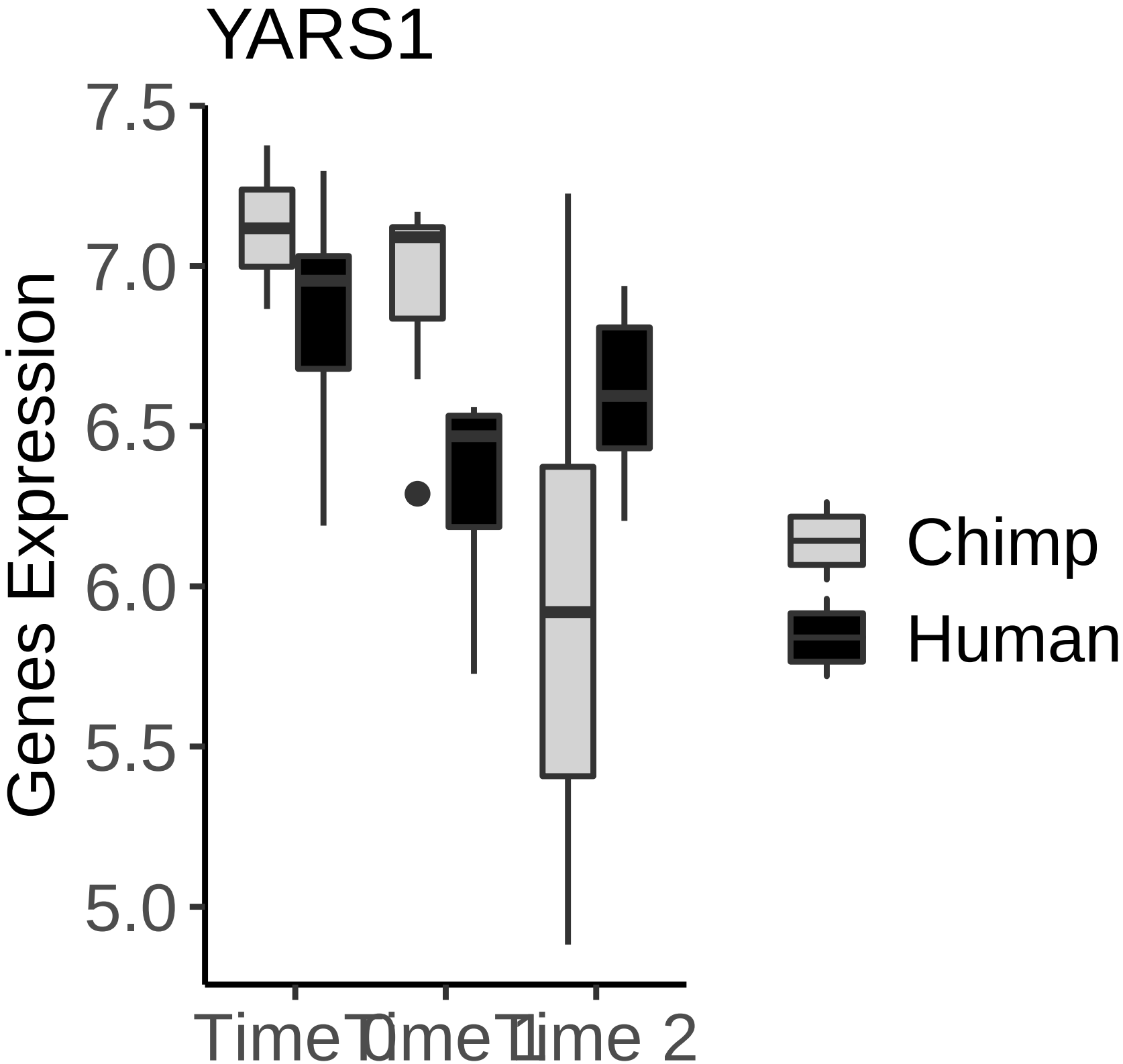
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5.0
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Time 1
Time 2
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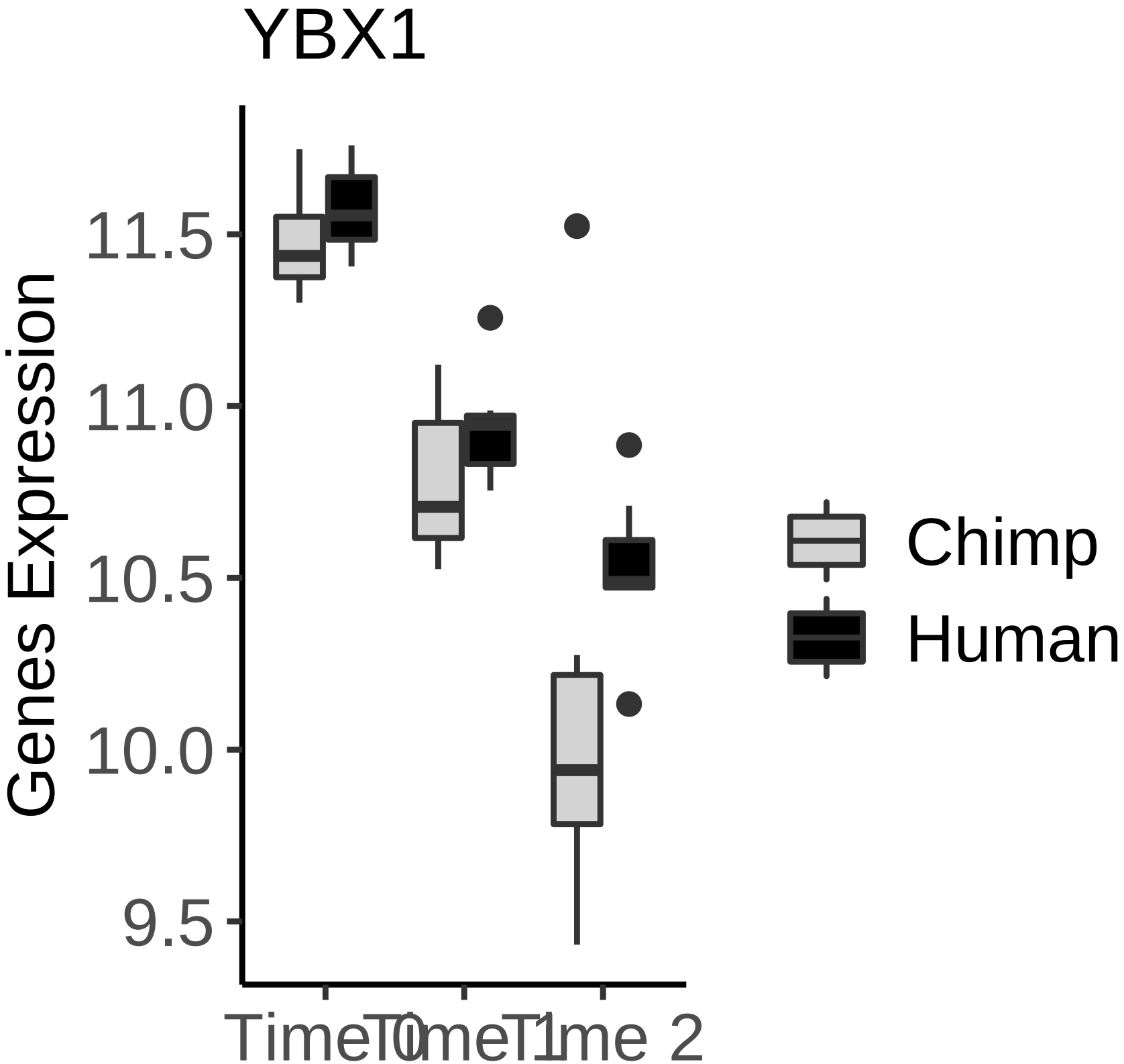
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9.5
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Time 1
Time 2
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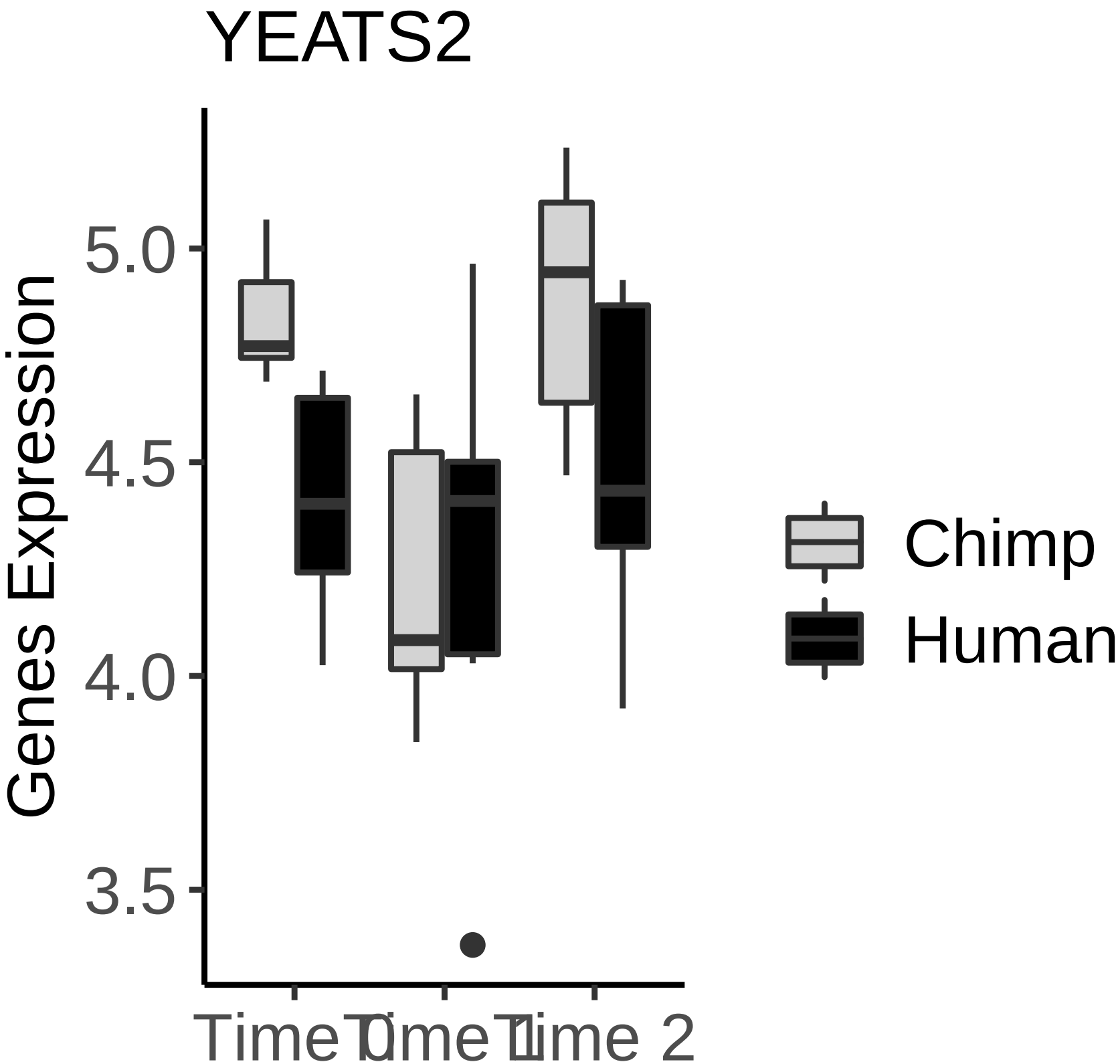
YEATS2
Genes Expression
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Time 1
Time 2
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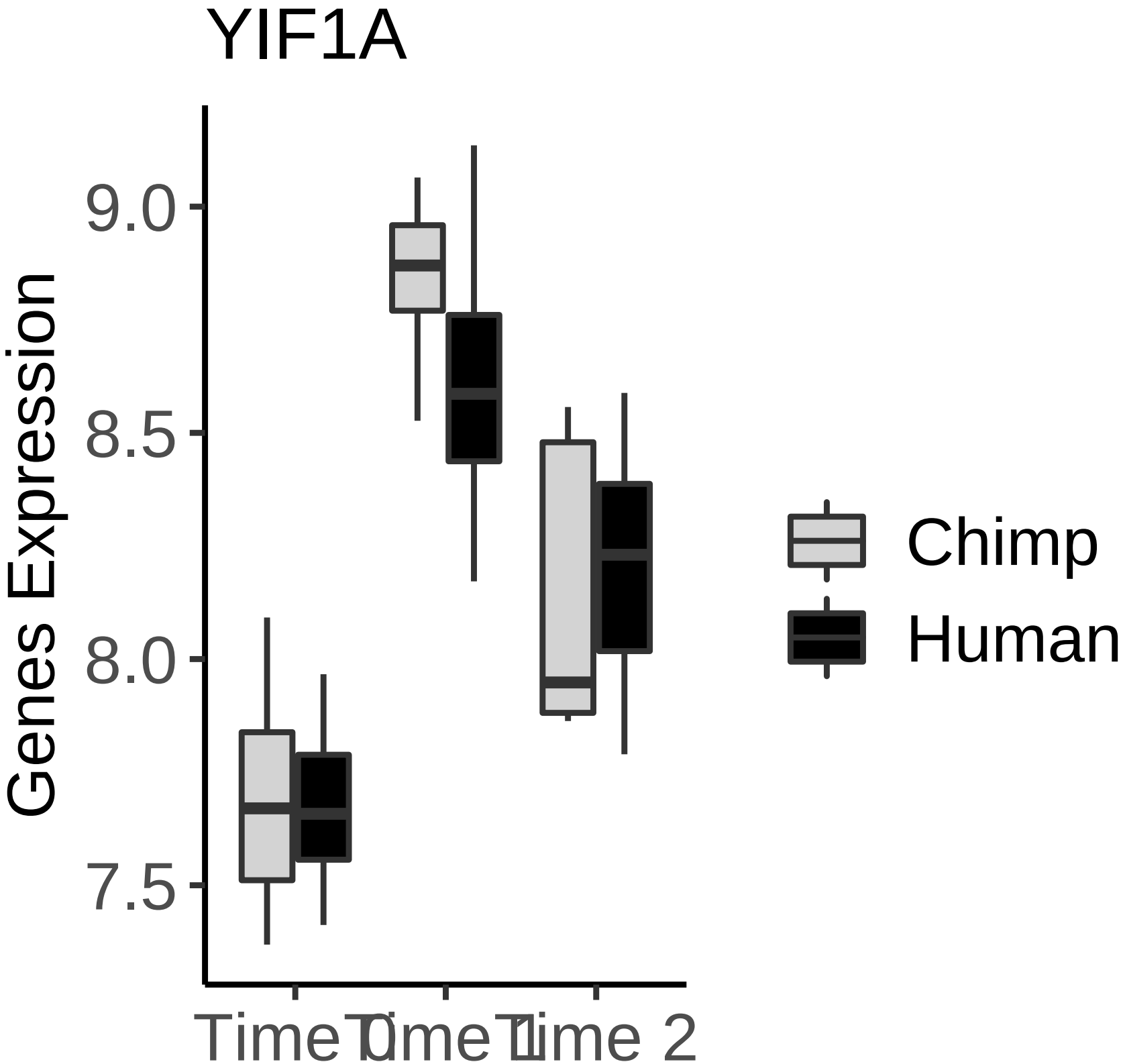
YIF1A
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Time 2
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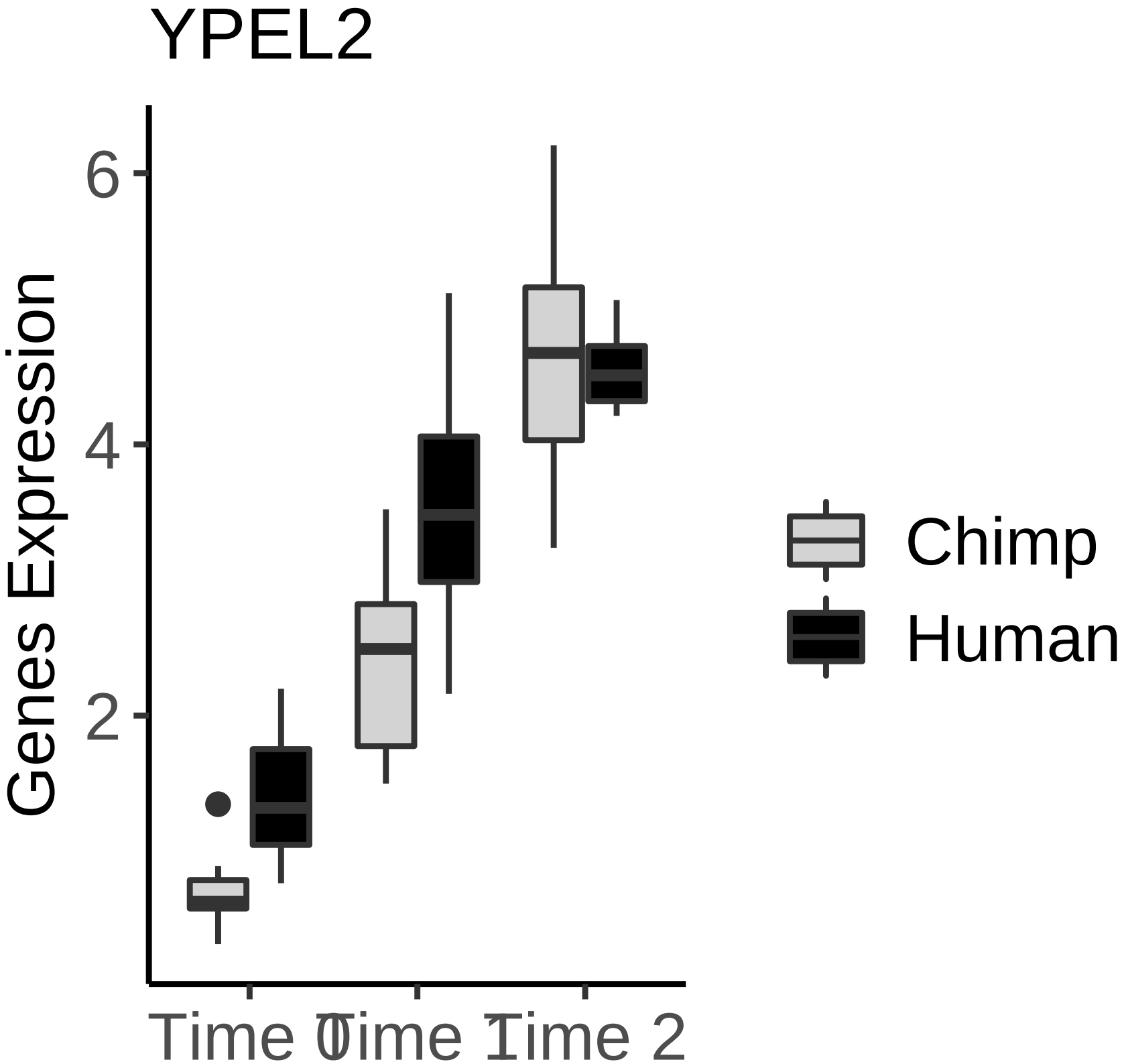
YPEL2
Genes Expression
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4
2
Time 0
Time 1
Time 2
Chimp
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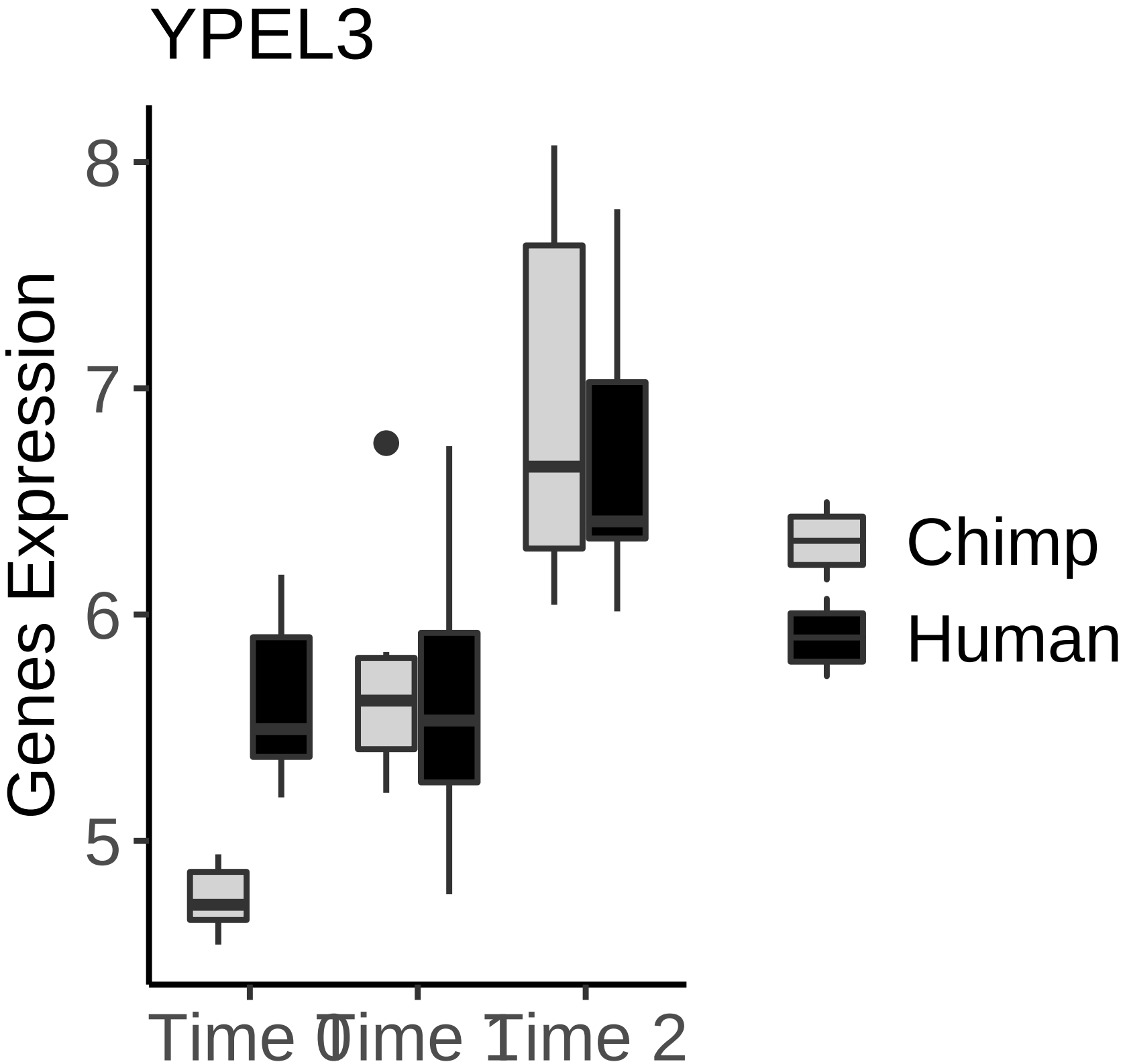
YPEL3
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7
6
5
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Time 1
Time 2
Chimp
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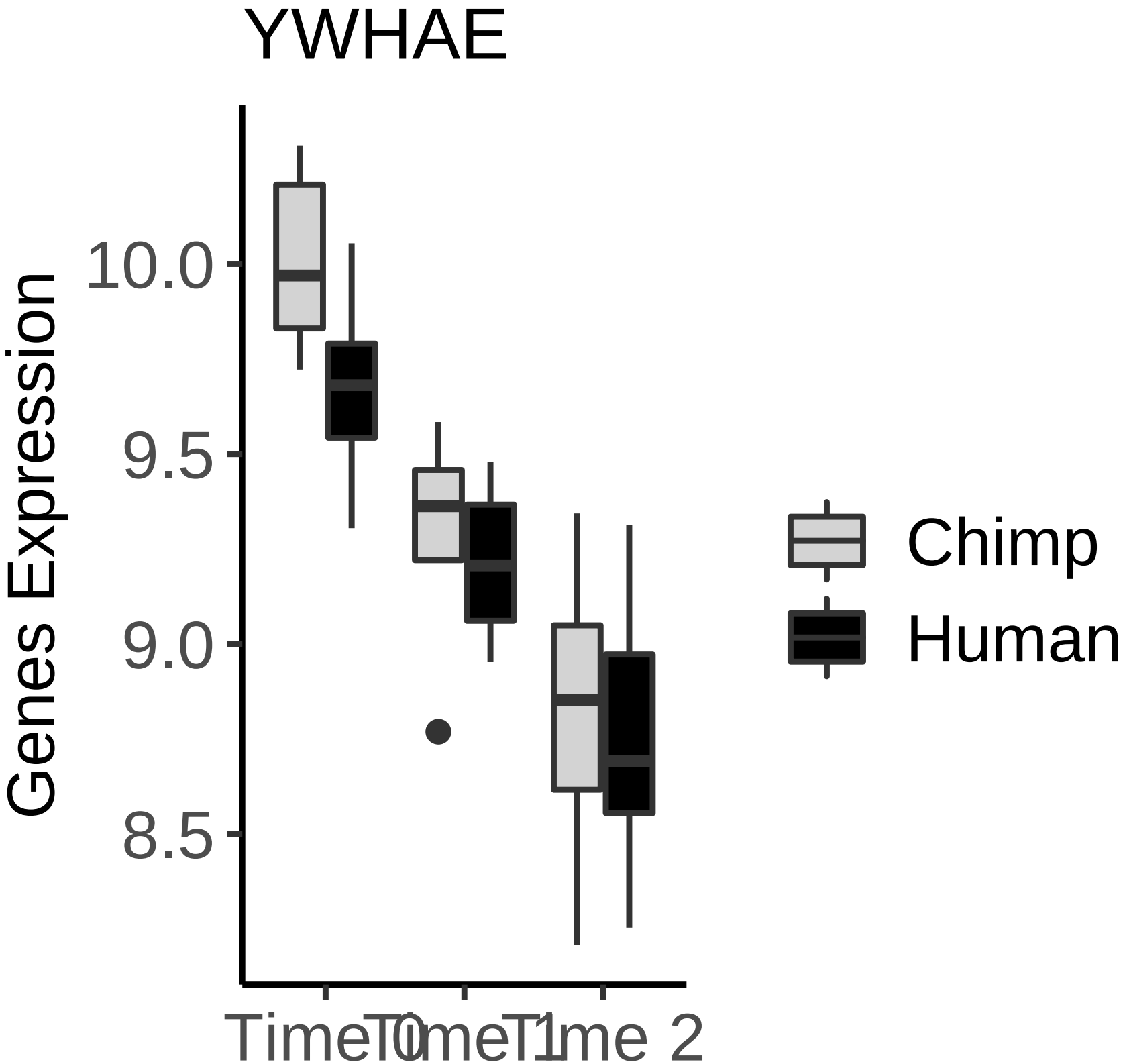
YWHAE
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Time 1
Time 2
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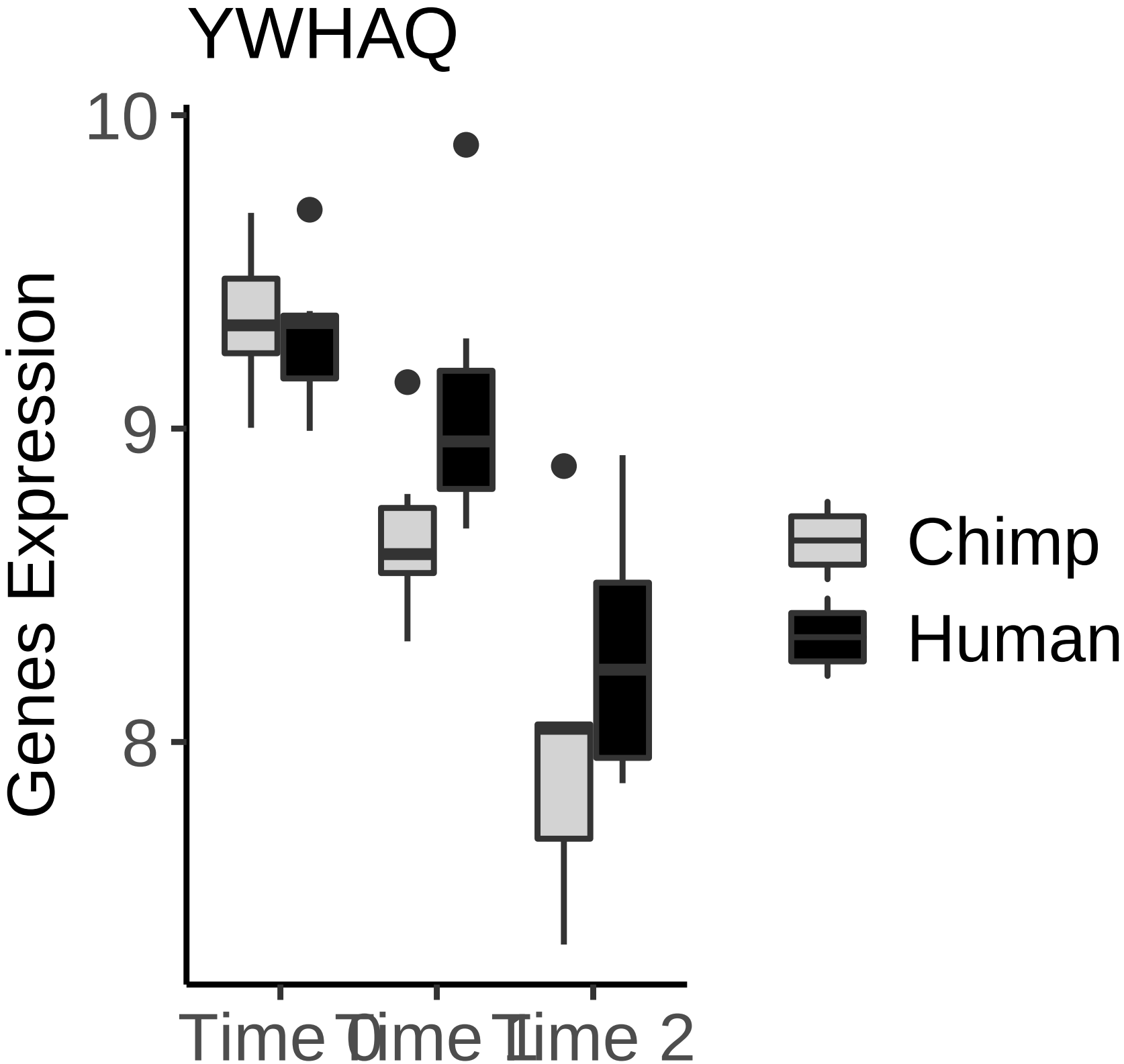
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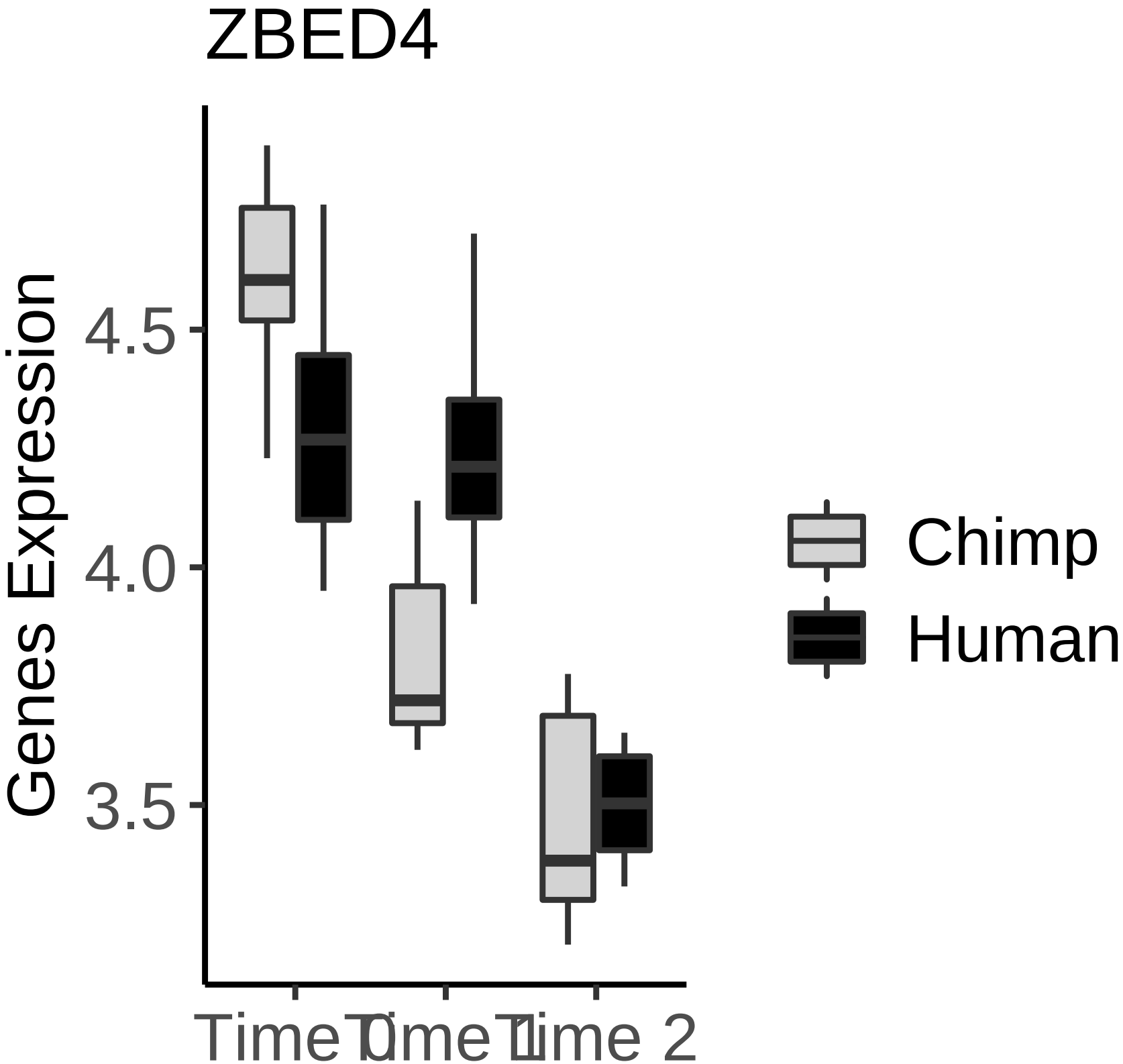
9
8
Time 0
Time 1
Time 2
Chimp
Human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Time 2
Chimp
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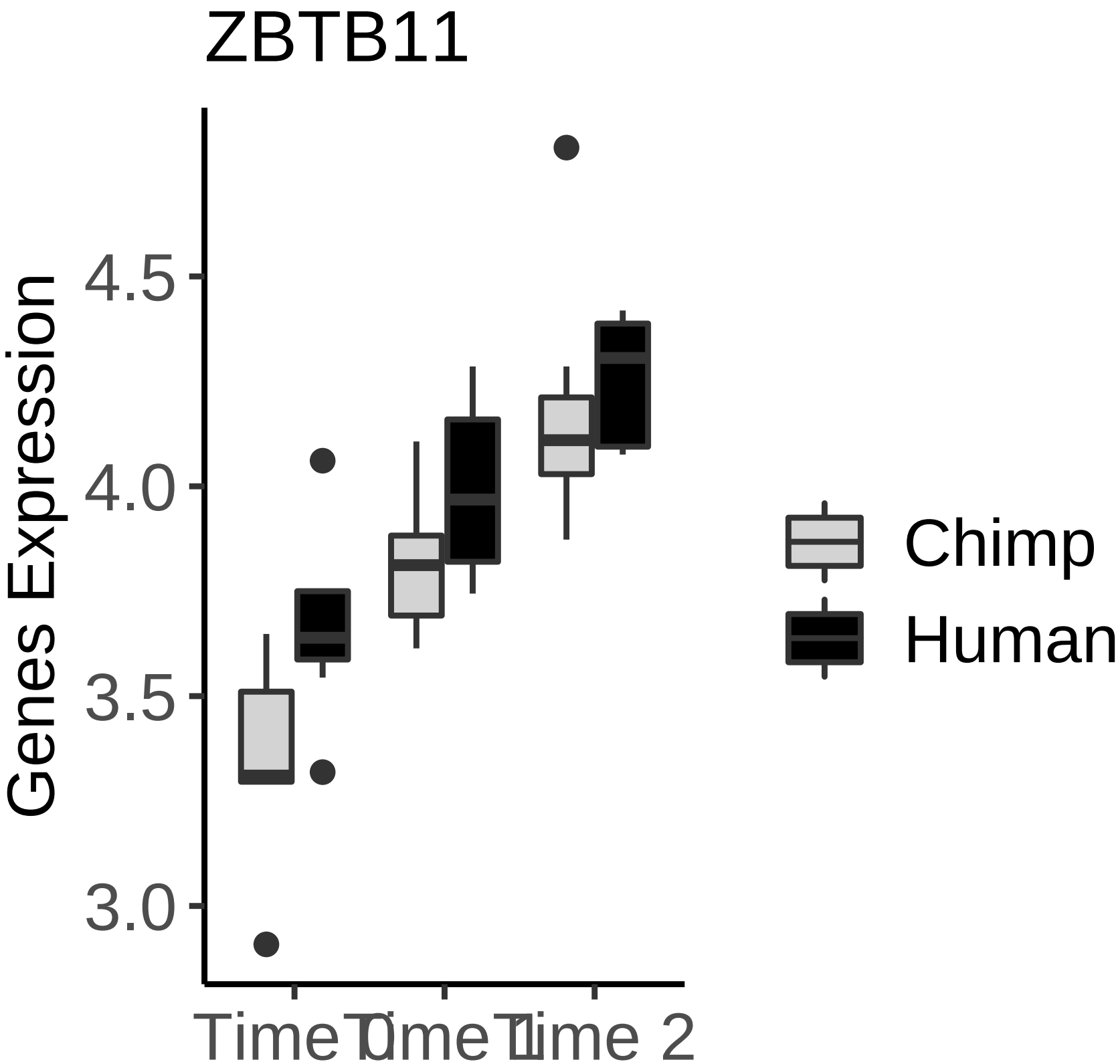
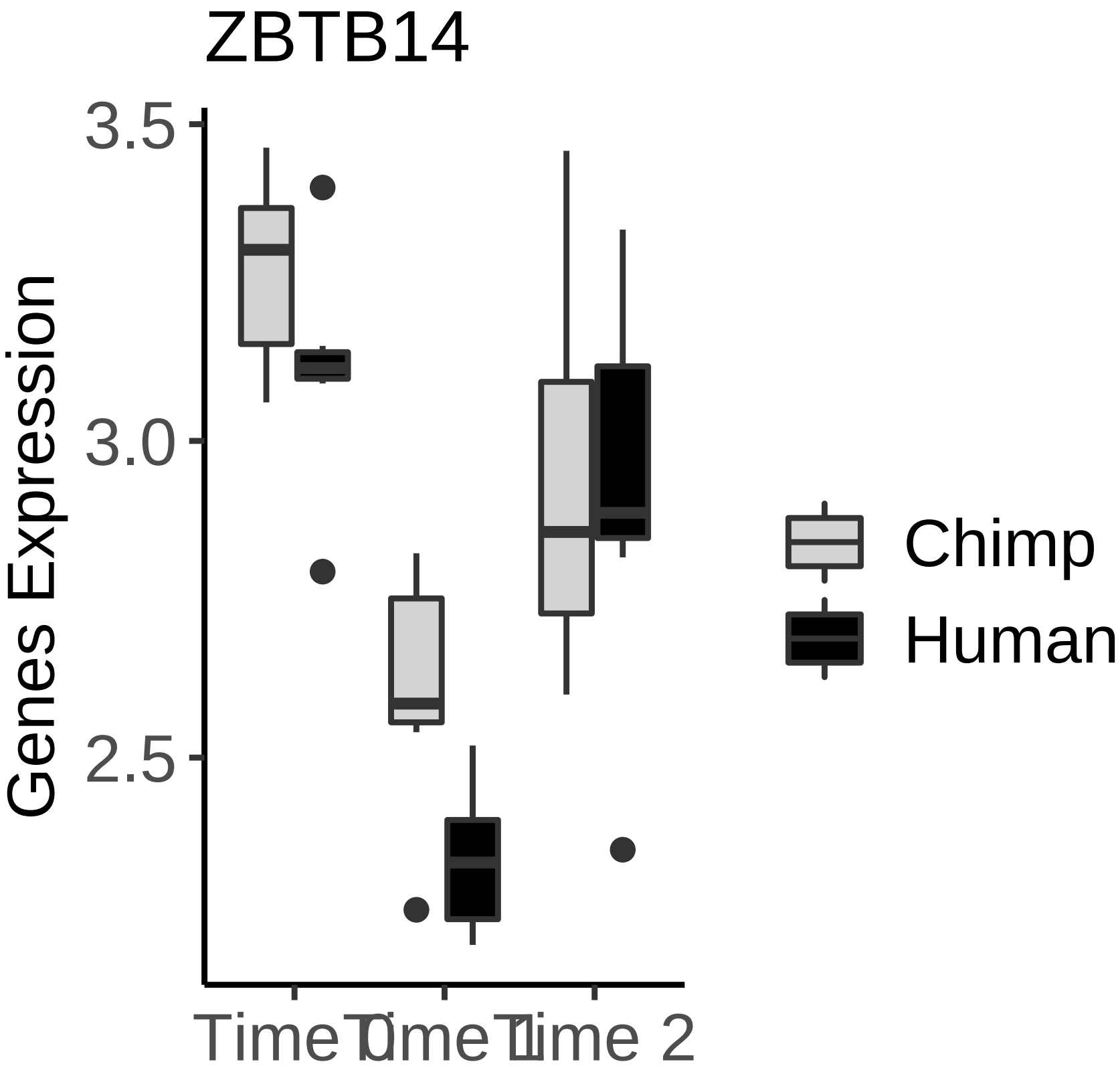
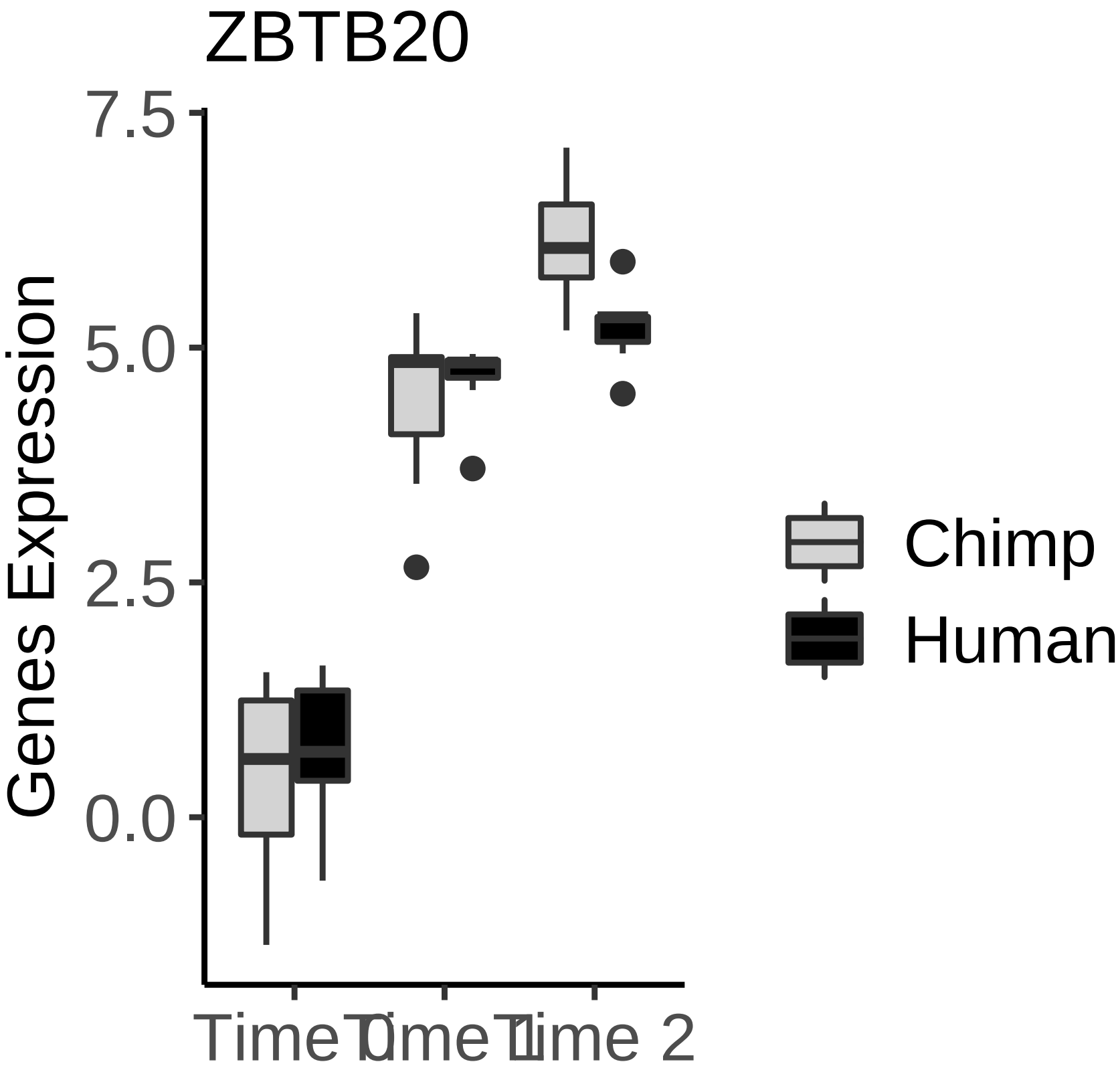
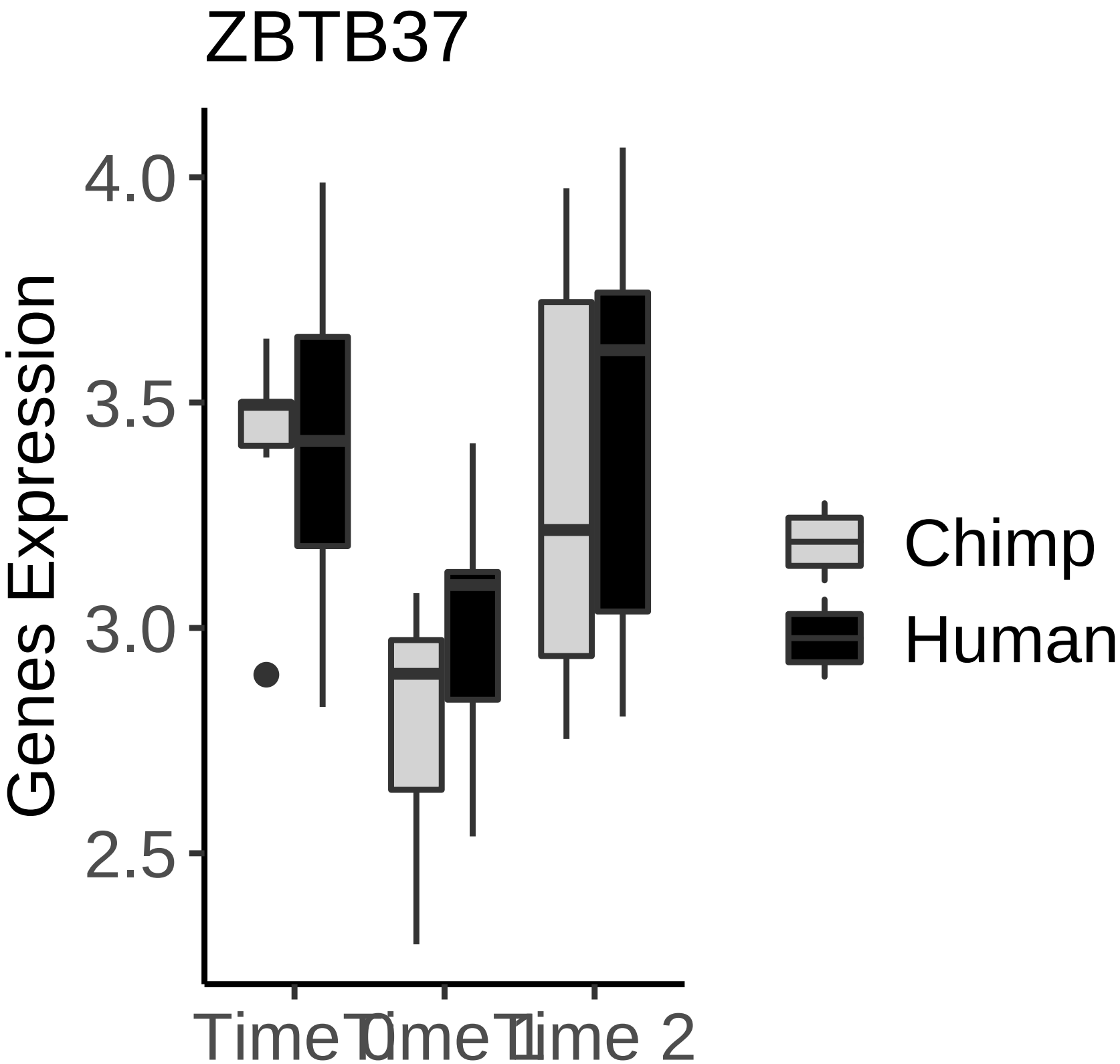
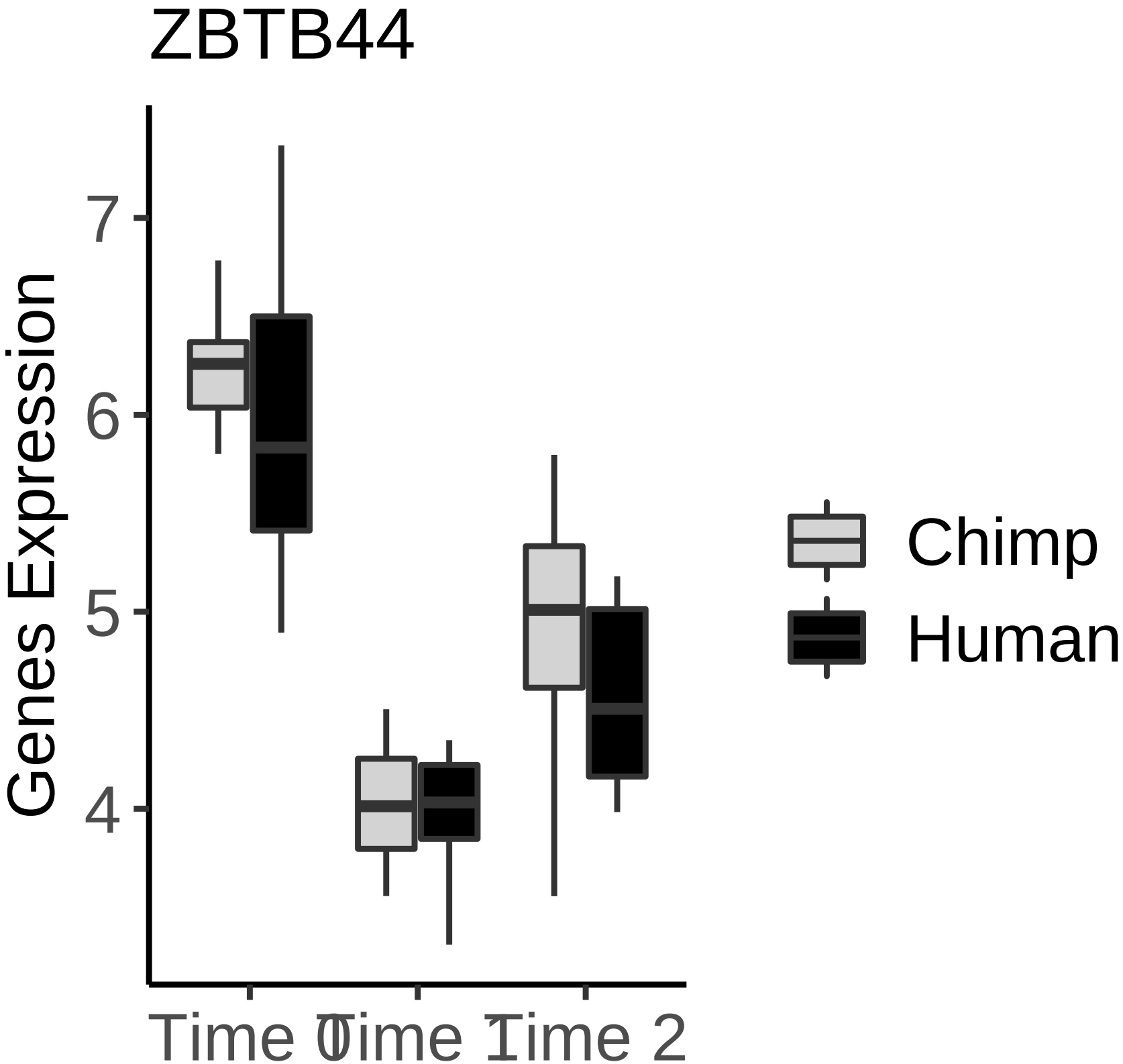
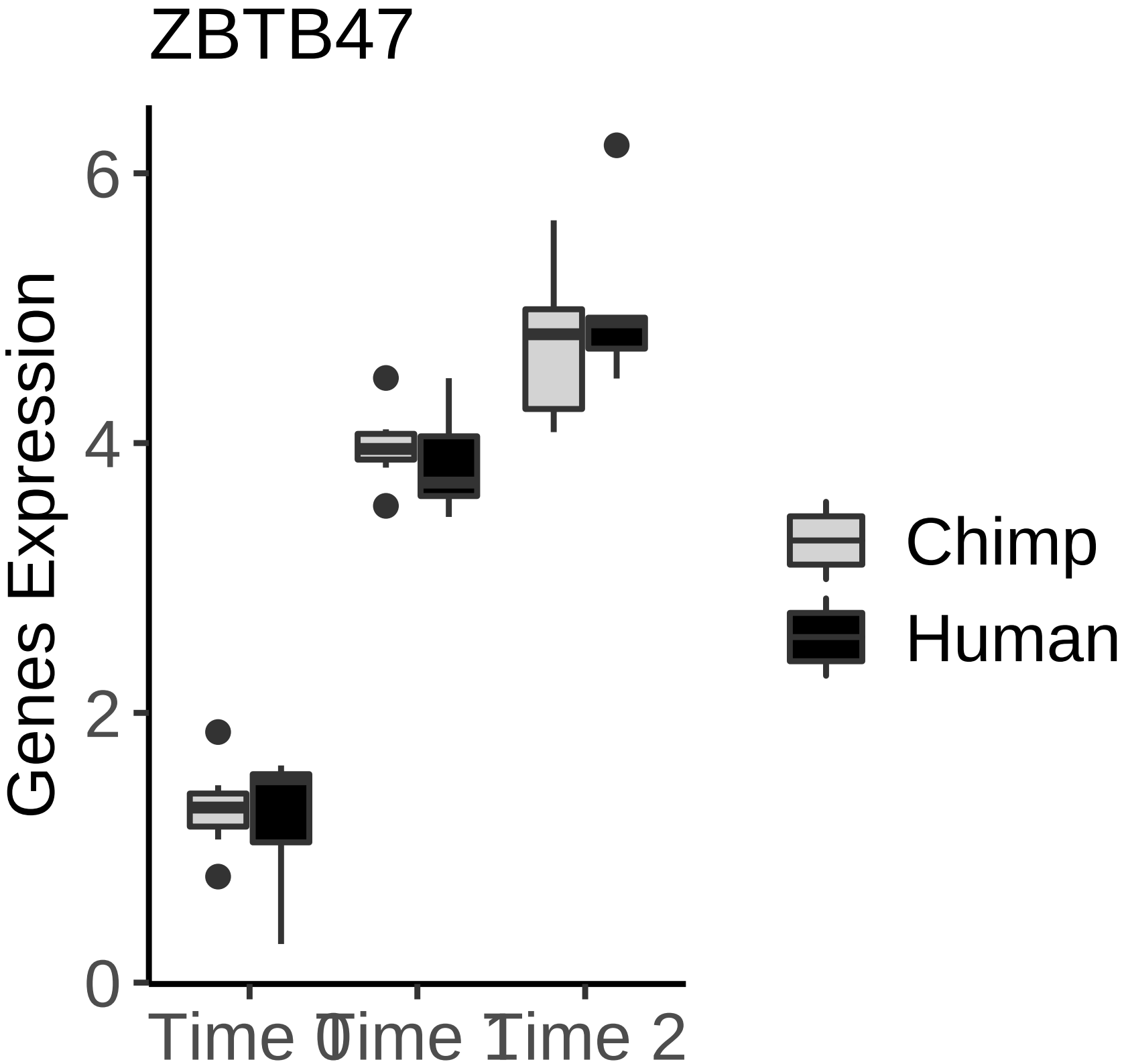

ZBTB11
Genes Expression
4.5
4.0
3.5
3.0
Time 0
Time 1
Time 2
Chimp
Human

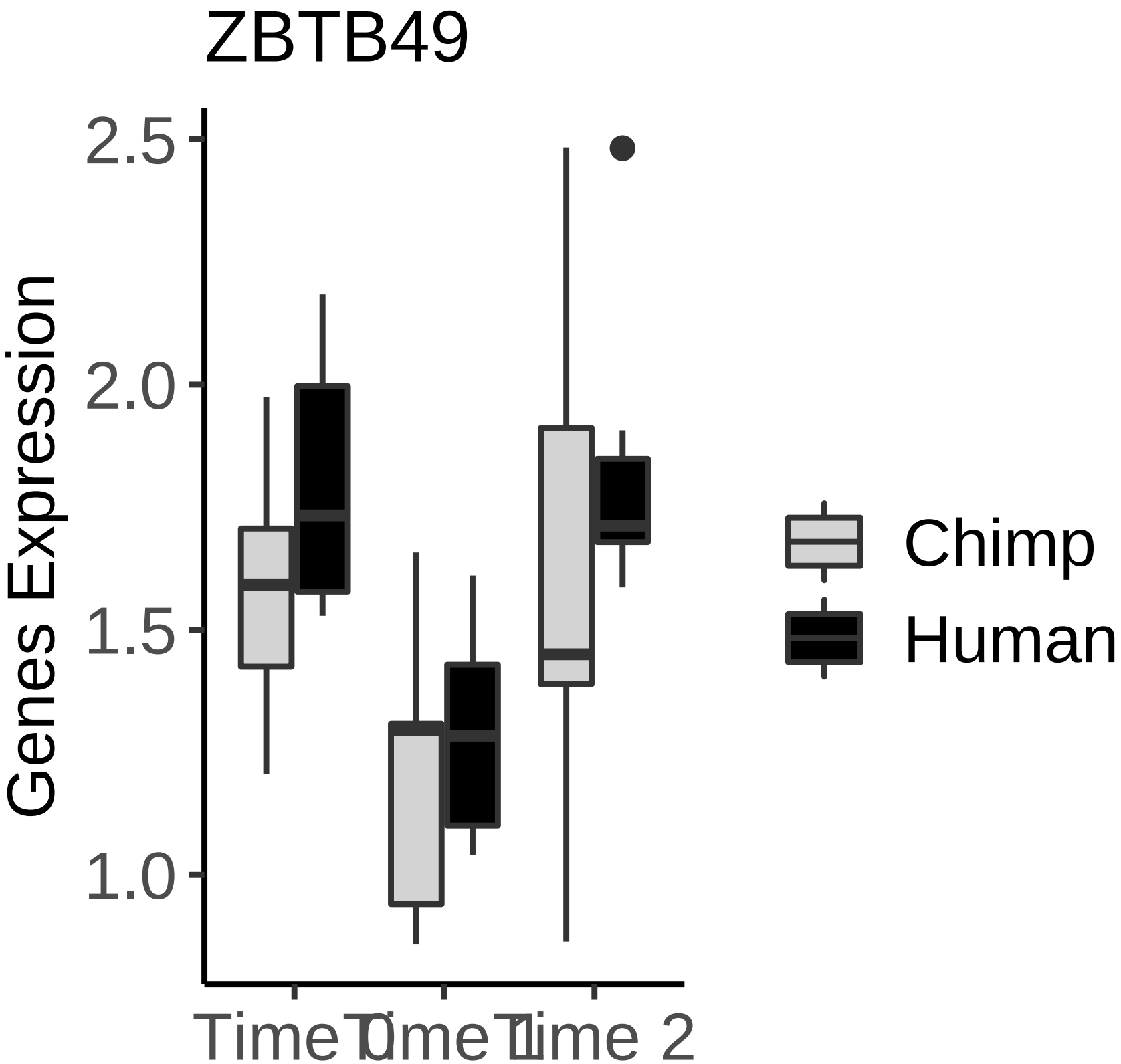

ZBTB14
Genes Expression
3.5
3.0
2.5
Time 0
Time 1
Time 2
Chimp
Human

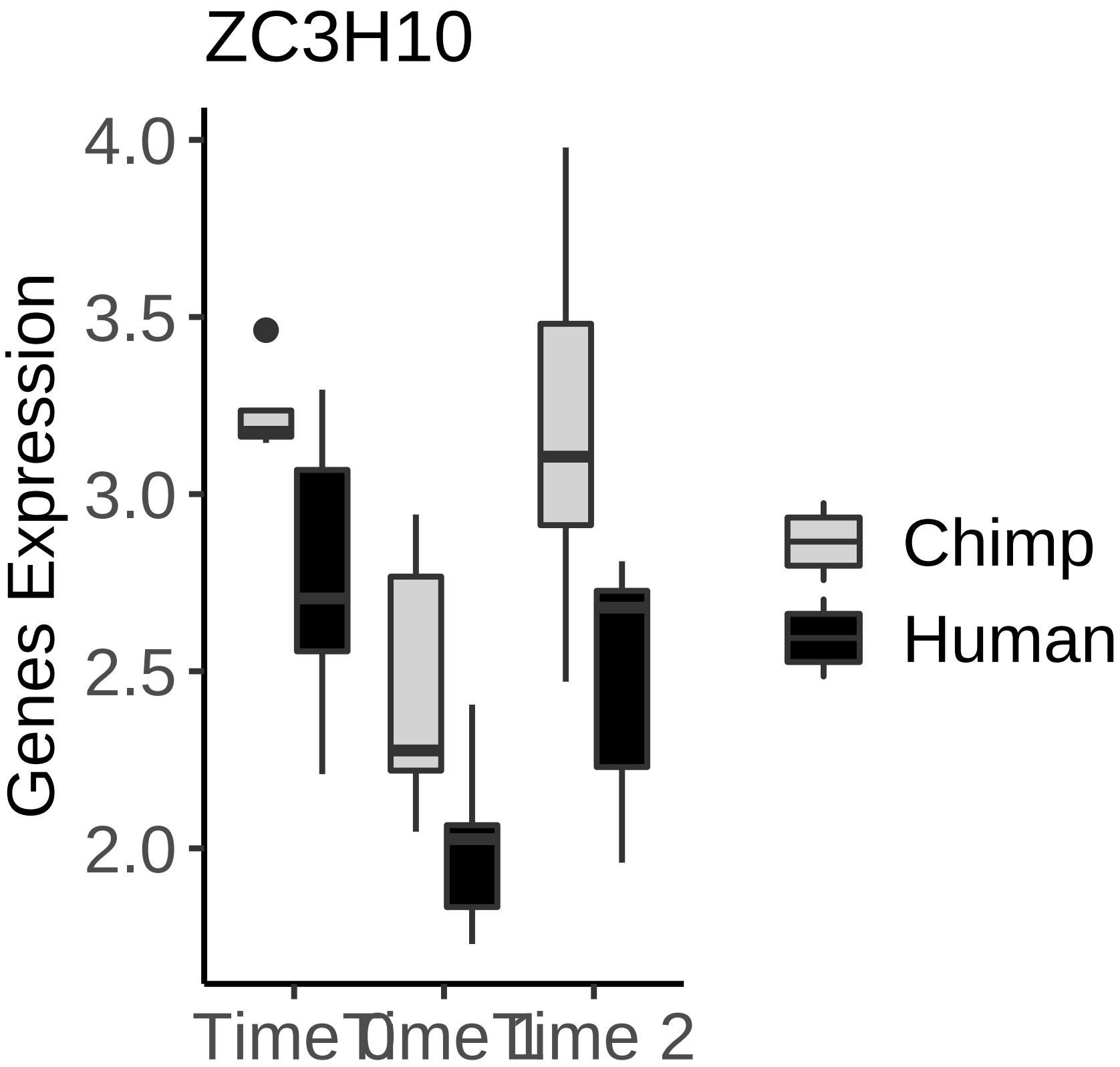

ZBTB20
Genes Expression
7.5
5.0
2.5
0.0
Time 0
Time 1
Time 2
Chimp
Human

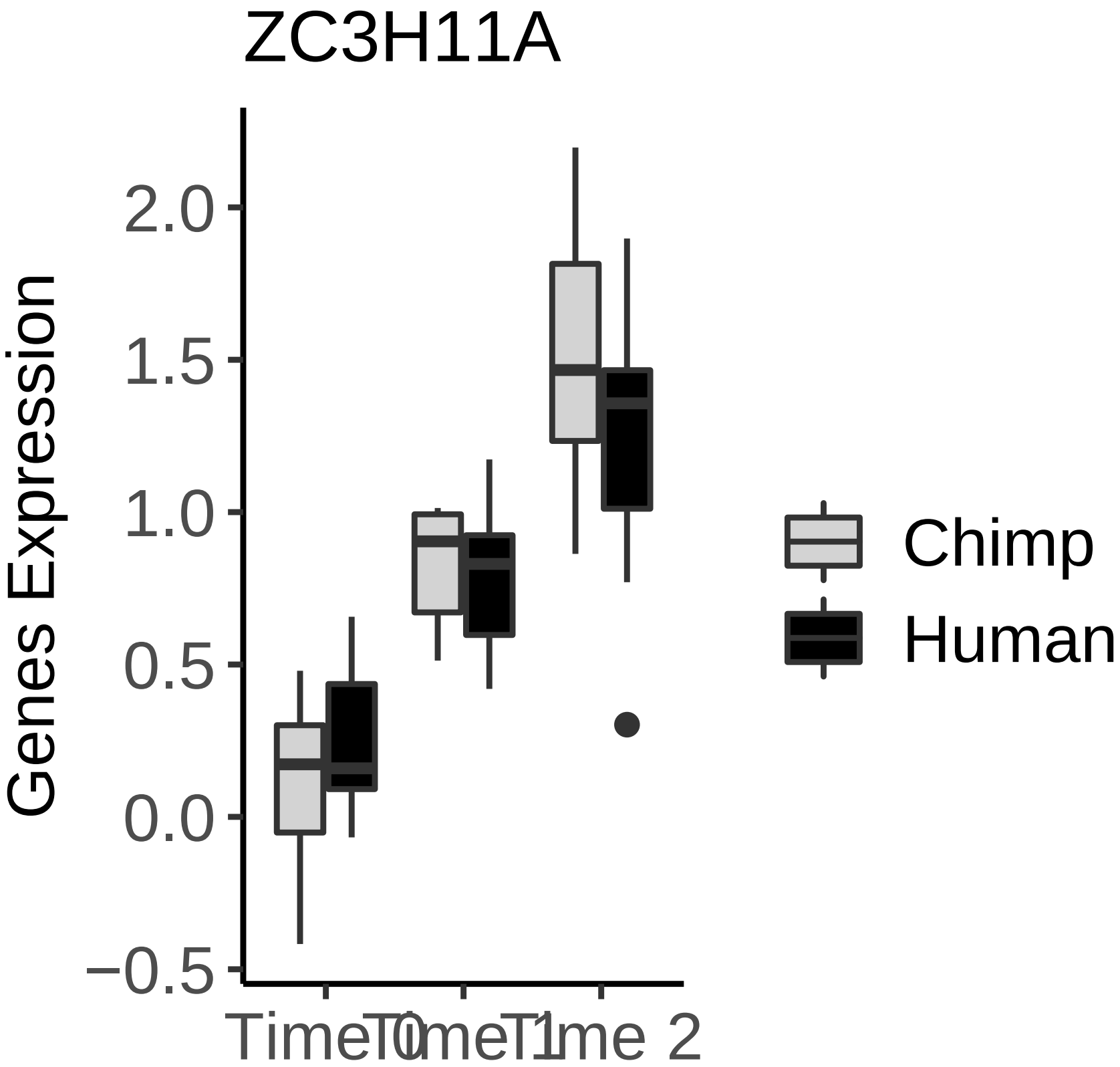

ZBTB37
Genes Expression
4.0
3.5
3.0
2.5
Time 0
Time 1
Time 2
Chimp
Human

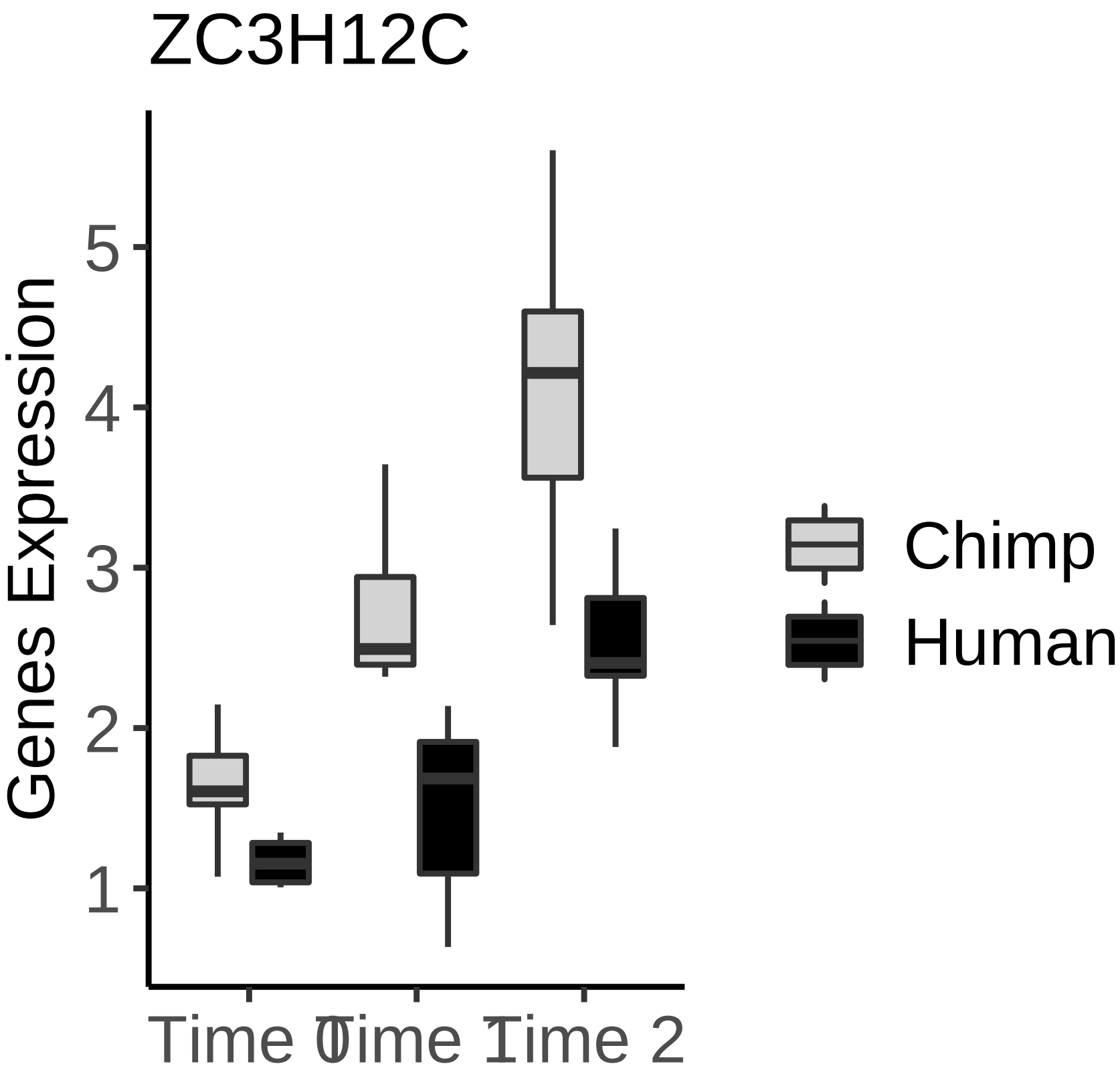

ZBTB44
Genes Expression
7
6
5
4
Time 0
Time 1
Time 2
Chimp
Human

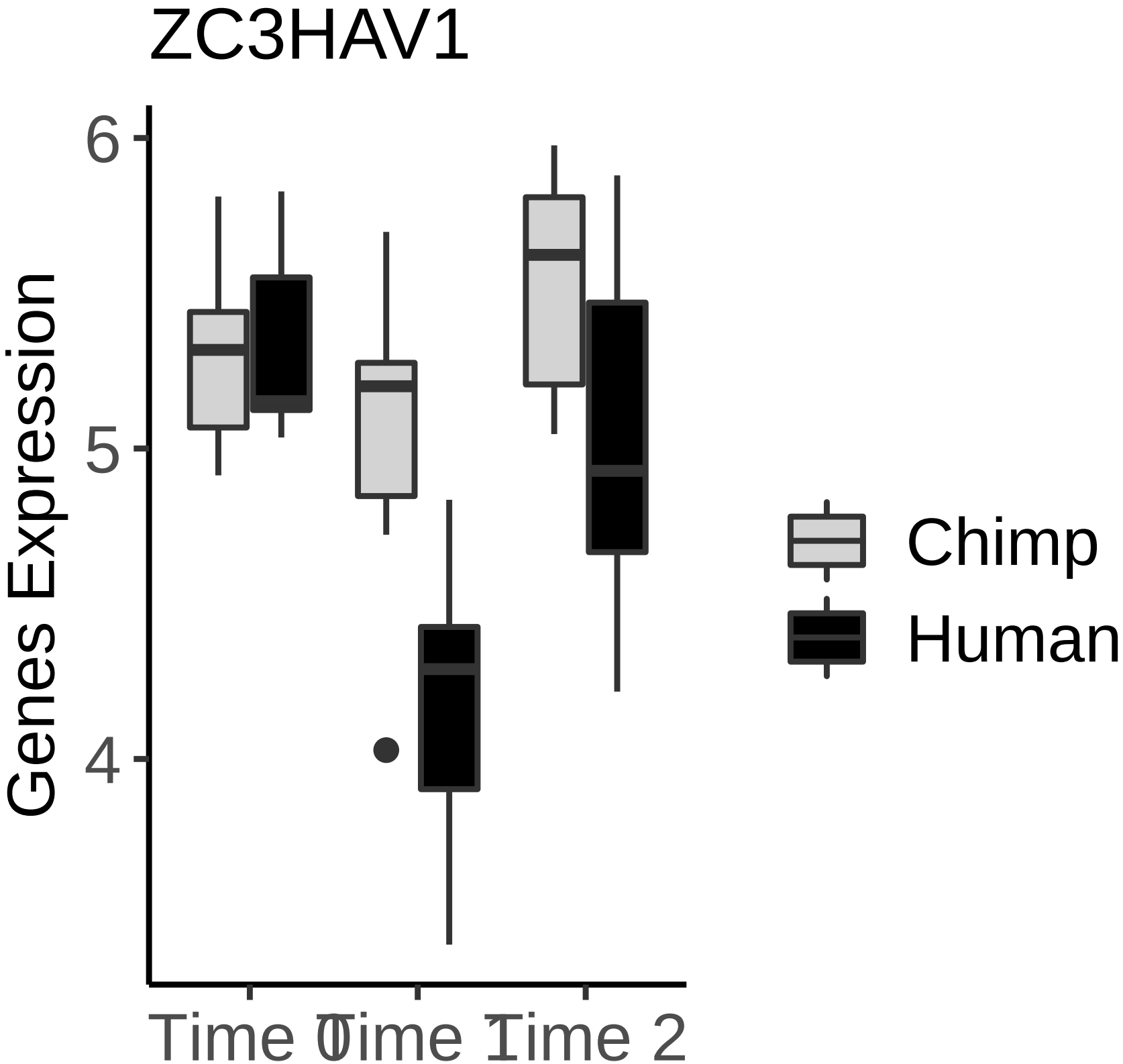

ZBTB47
Genes Expression
0
2
4
6
Time 0
Time 1
Time 2
Chimp
Human

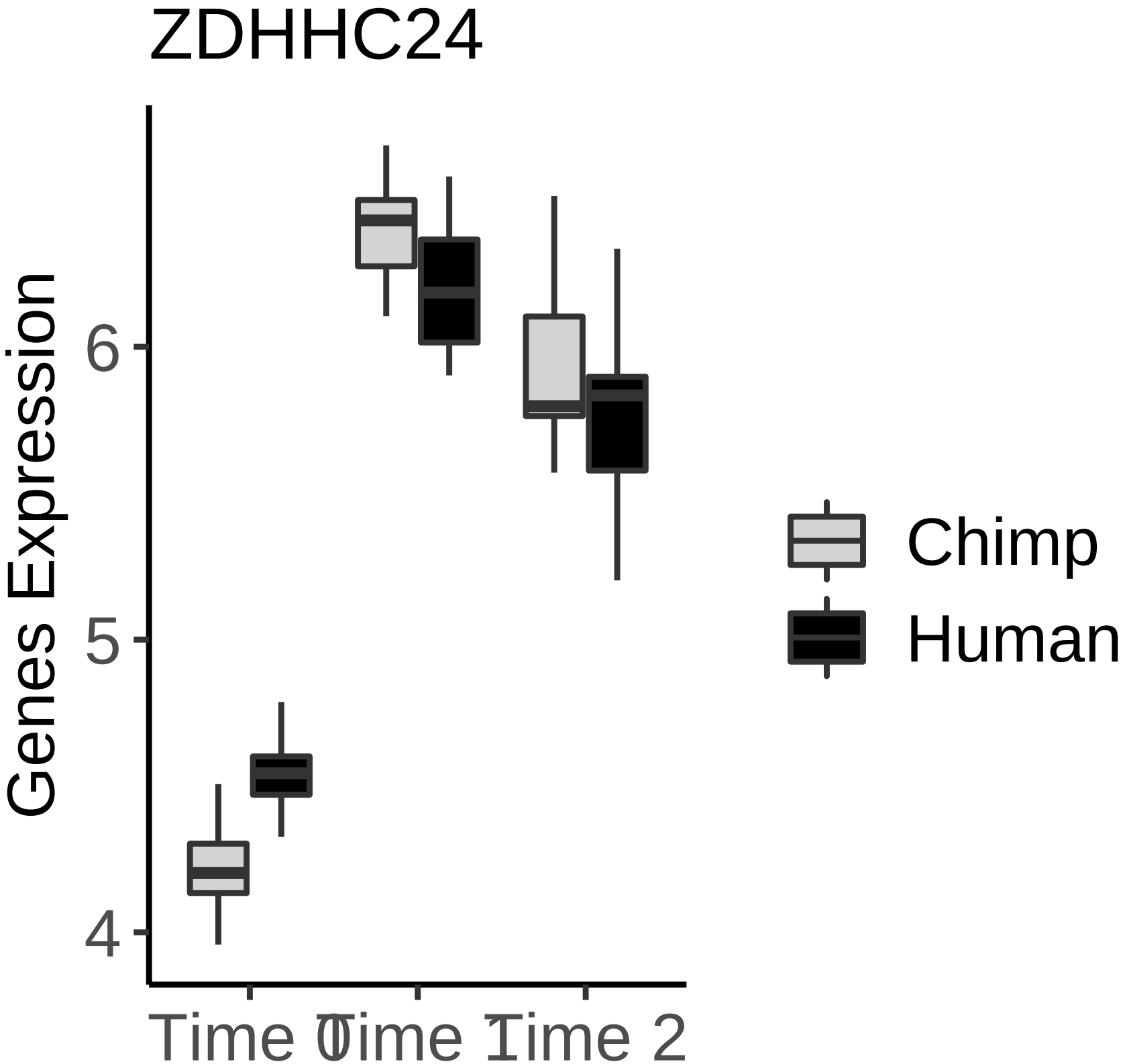

ZBTB49
Genes Expression
2.5
2.0
1.5
1.0
Time 0
Time 1
Time 2
Chimp
Human

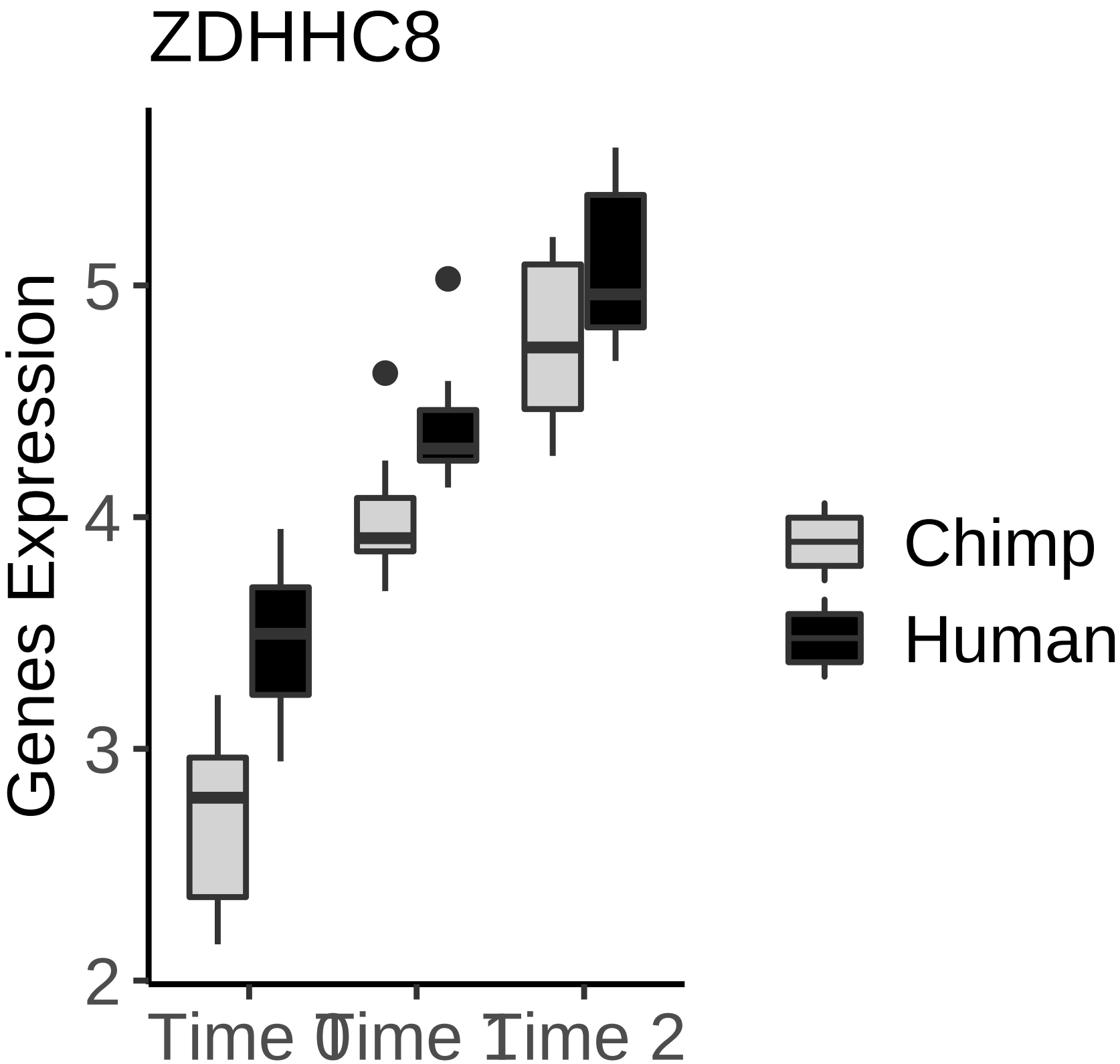

ZC3H10
Genes Expression
4.0
3.5
3.0
2.5
2.0
Time 0
Time 1
Time 2
Chimp
Human

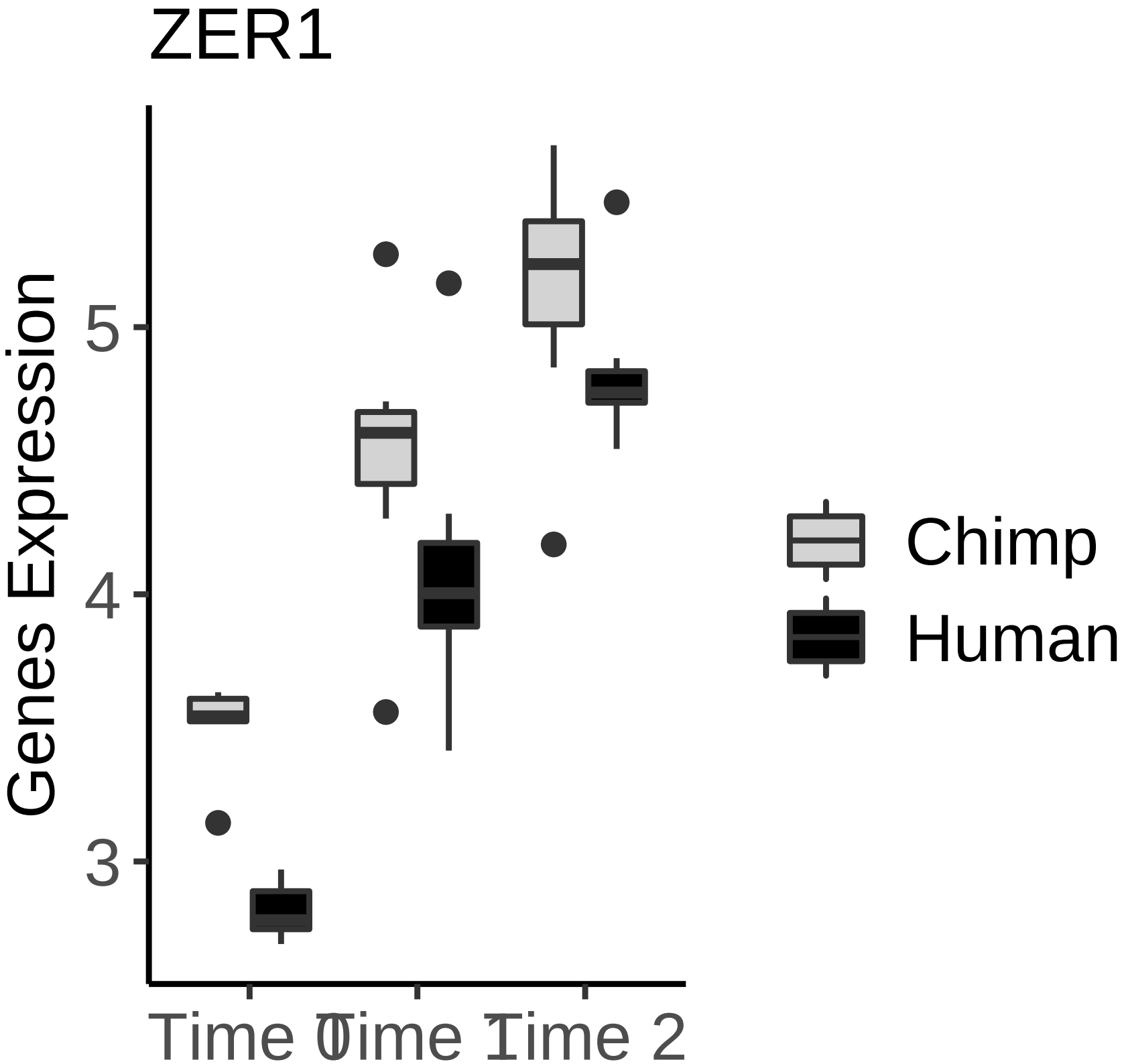

ZC3H11A
Genes Expression
2.0
1.5
1.0
0.5
0.0
−0.5
Time 0
Time 1
Time 2
Chimp
Human

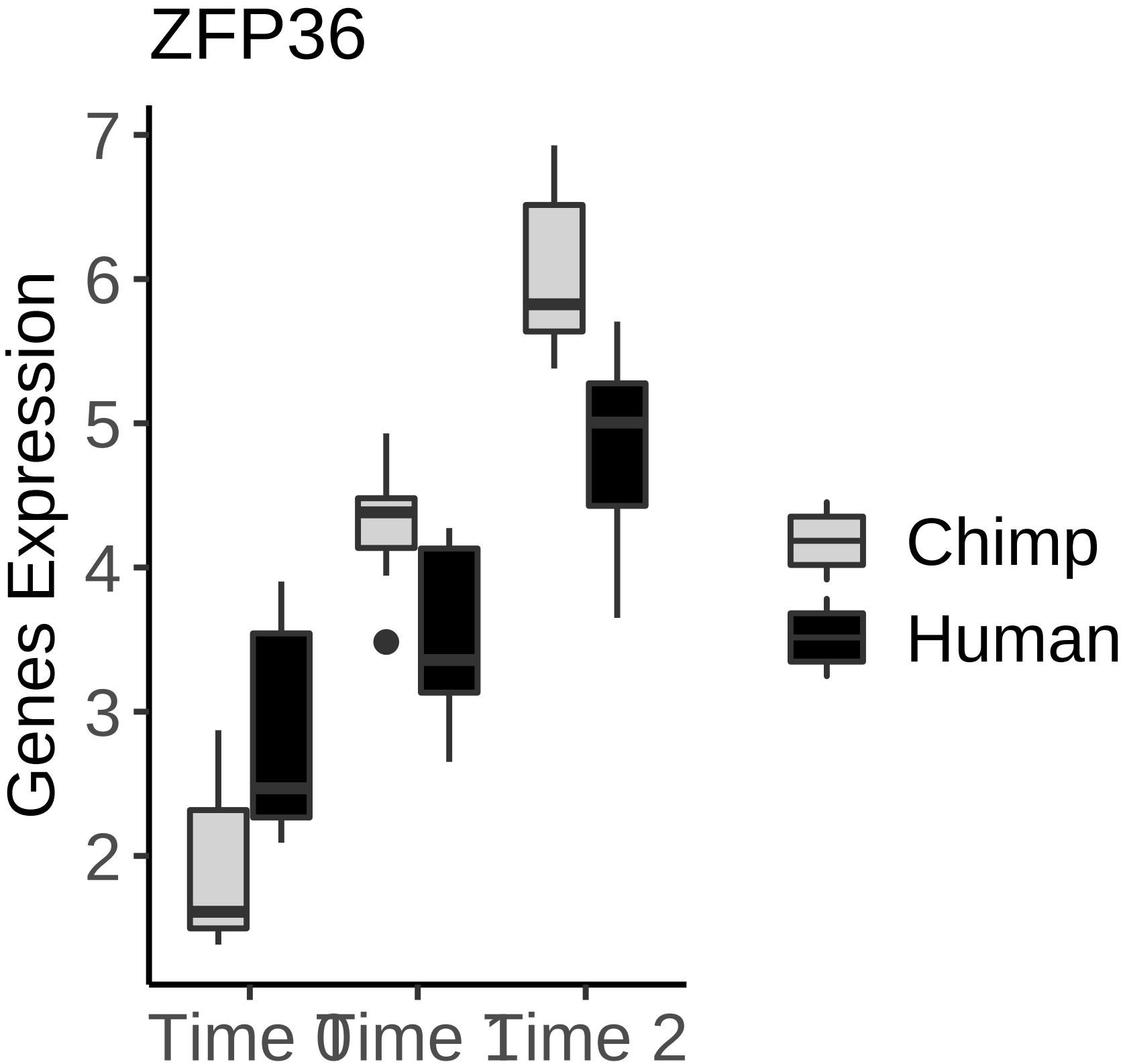

ZC3H12C
Genes Expression
5
4
3
2
1
Time 0
Time 1
Time 2
Chimp
Human

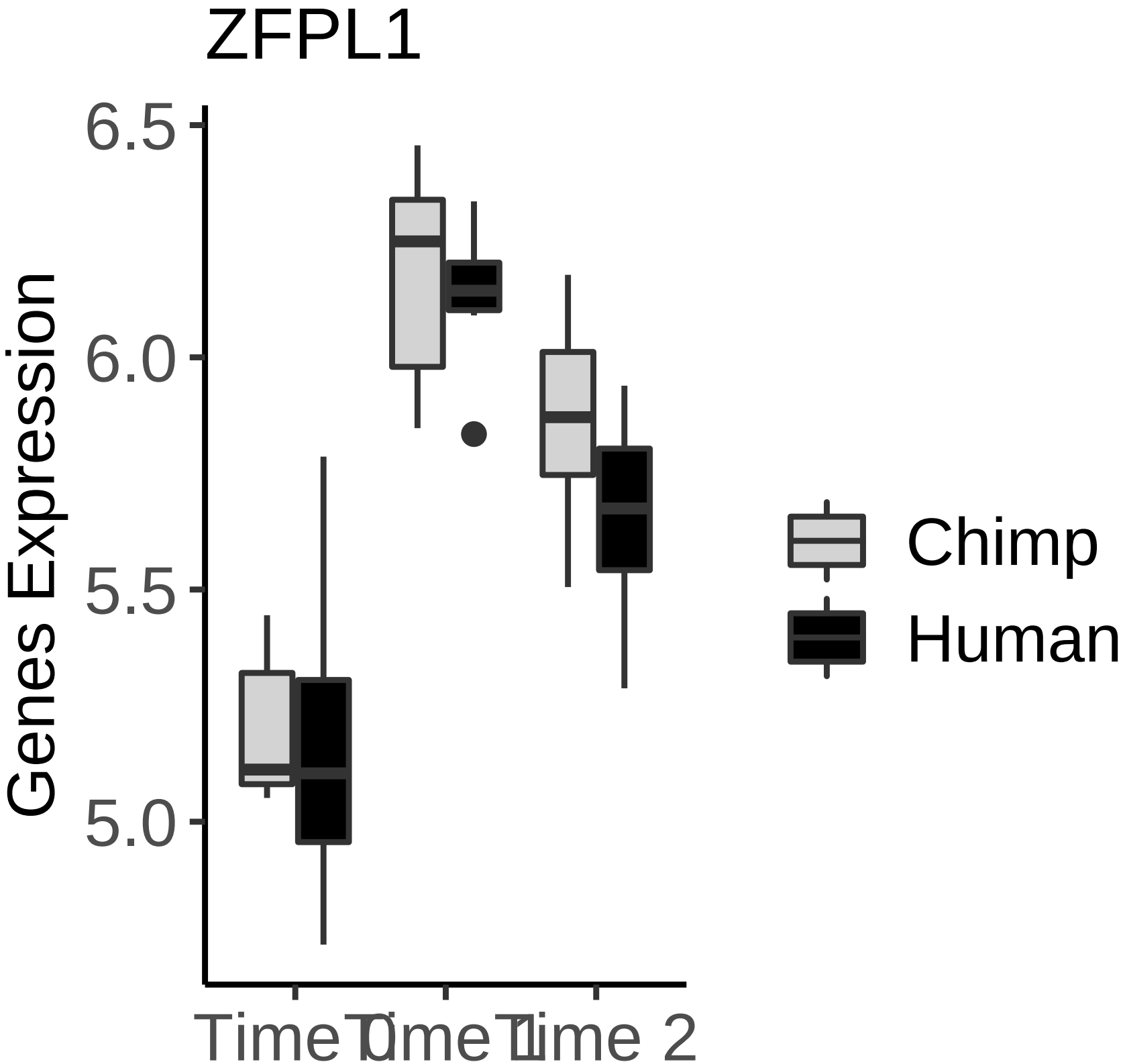

ZC3HAV1
Genes Expression
6
5
4
Time 0
Time 1
Time 2
Chimp
Human

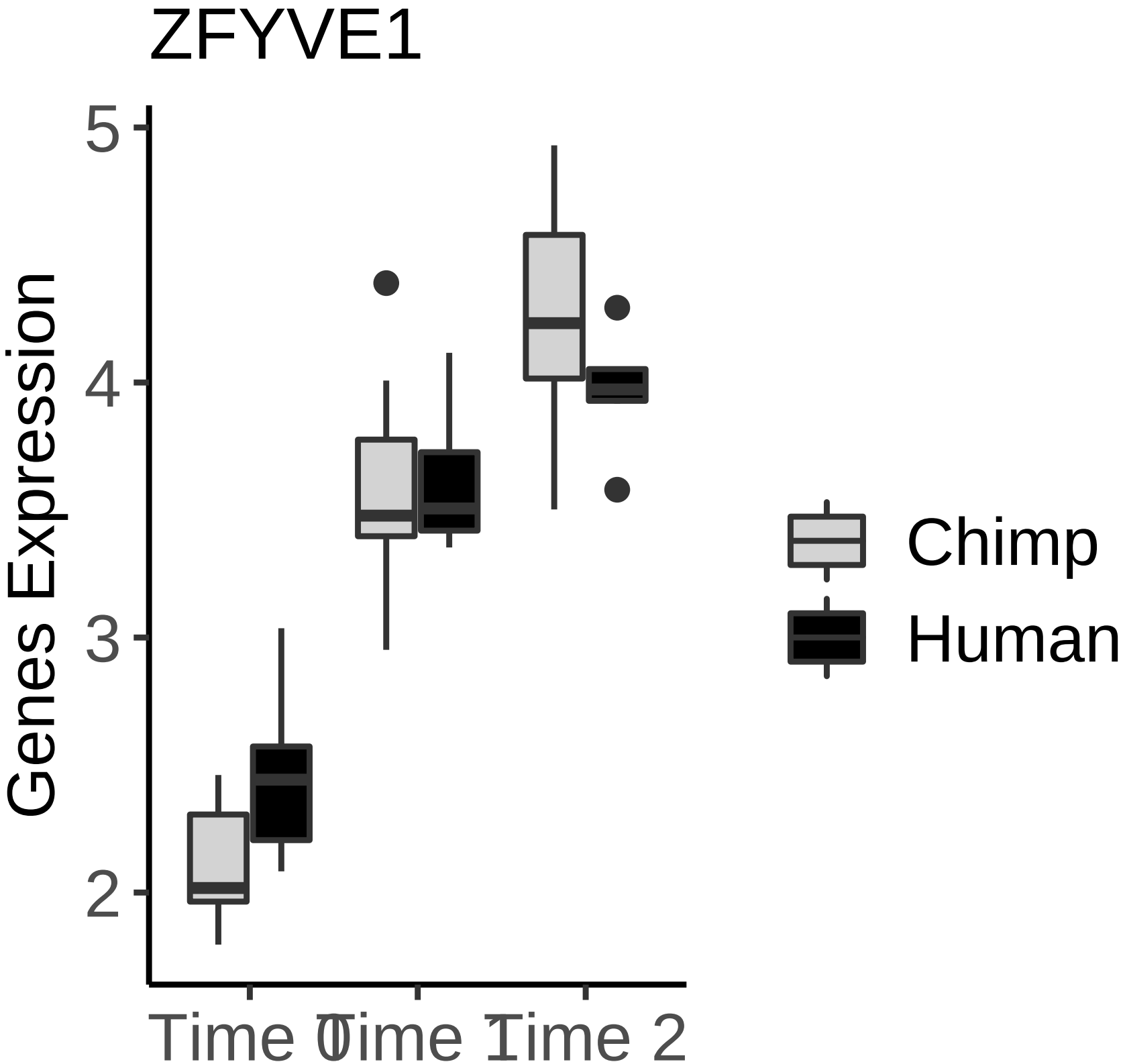

ZDHHC24
Genes Expression
6
5
4
Time 0
Time 1
Time 2
Chimp
Human

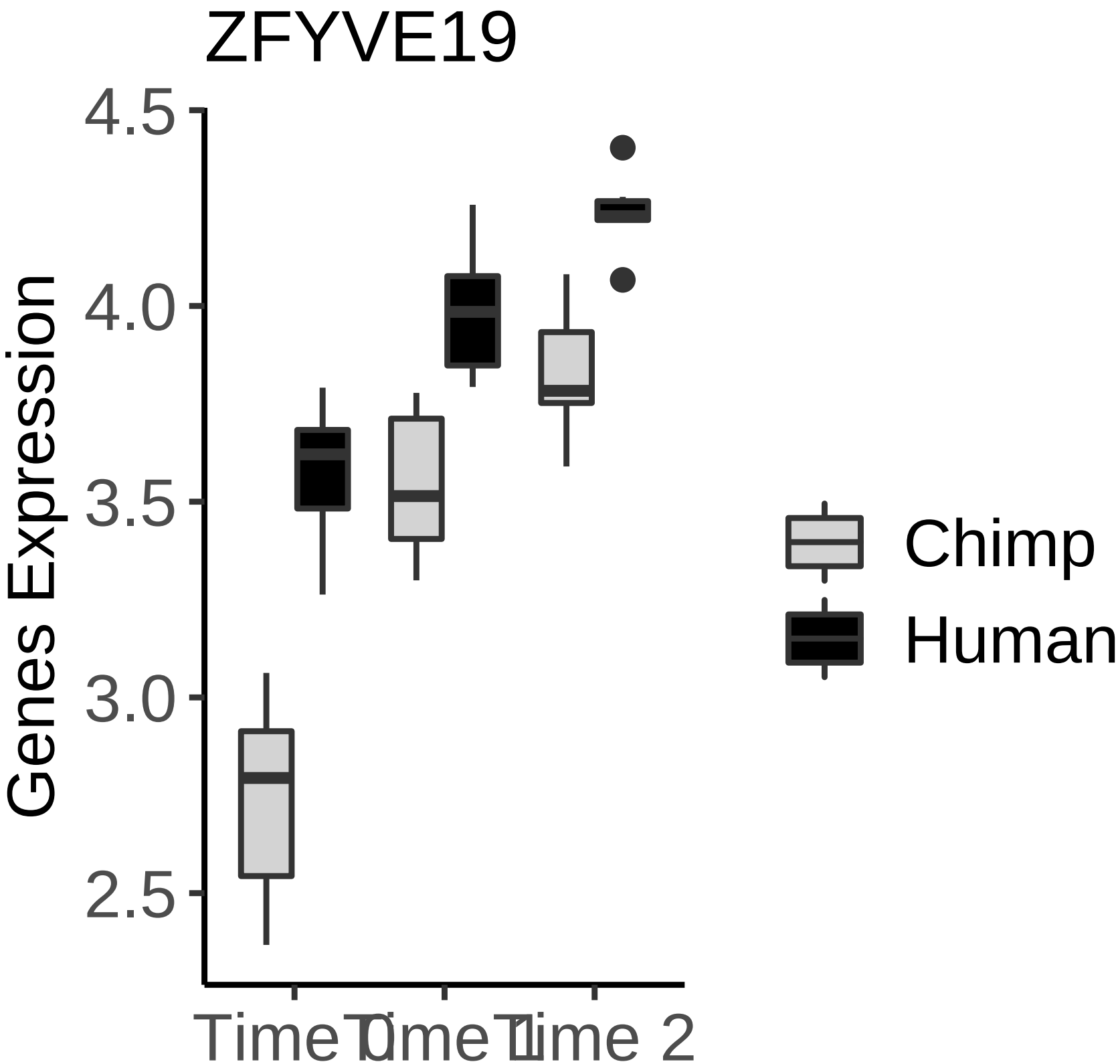

ZDHHC8
Genes Expression
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human

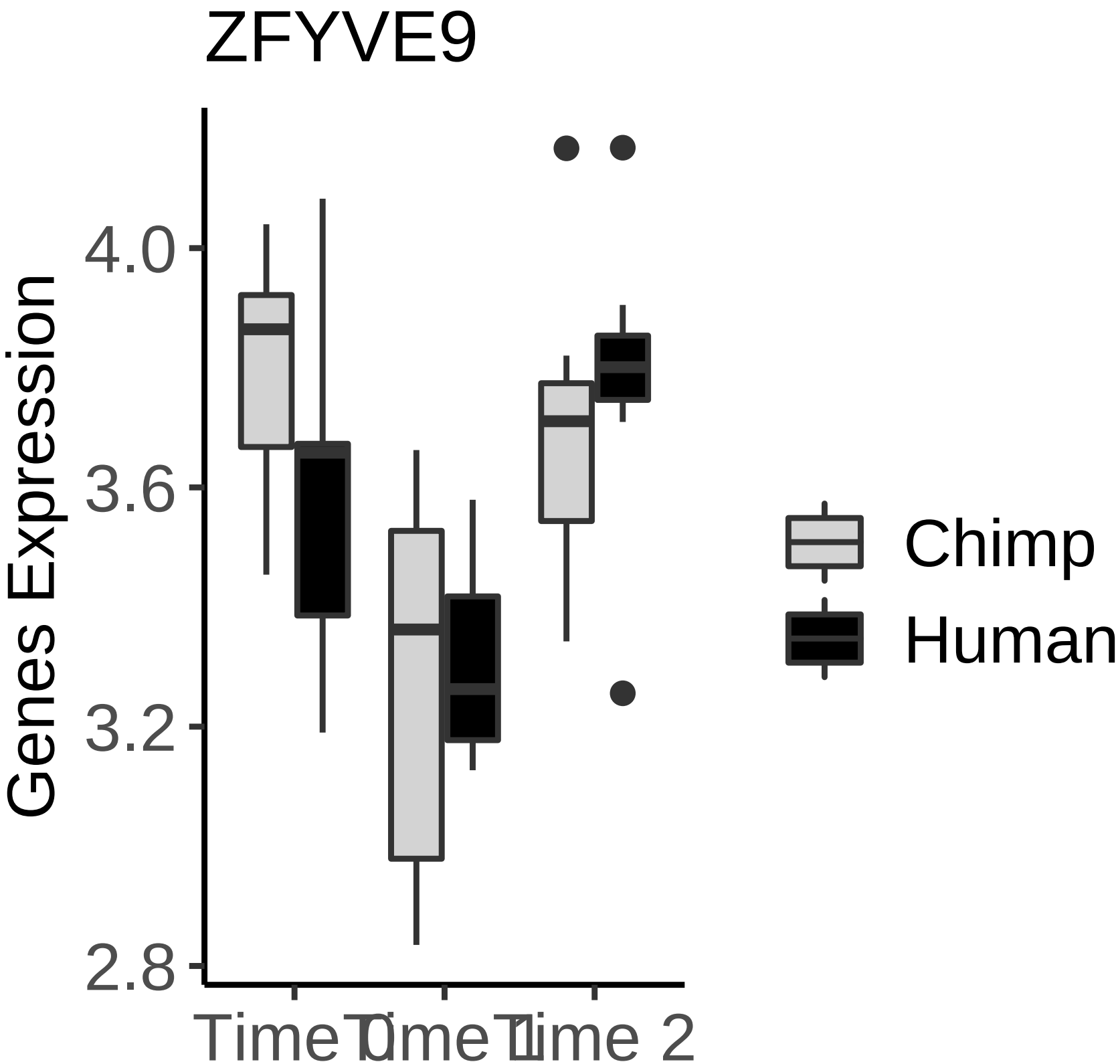

ZER1
Genes Expression
5
4
3
Time 0
Time 1
Time 2
Chimp
Human

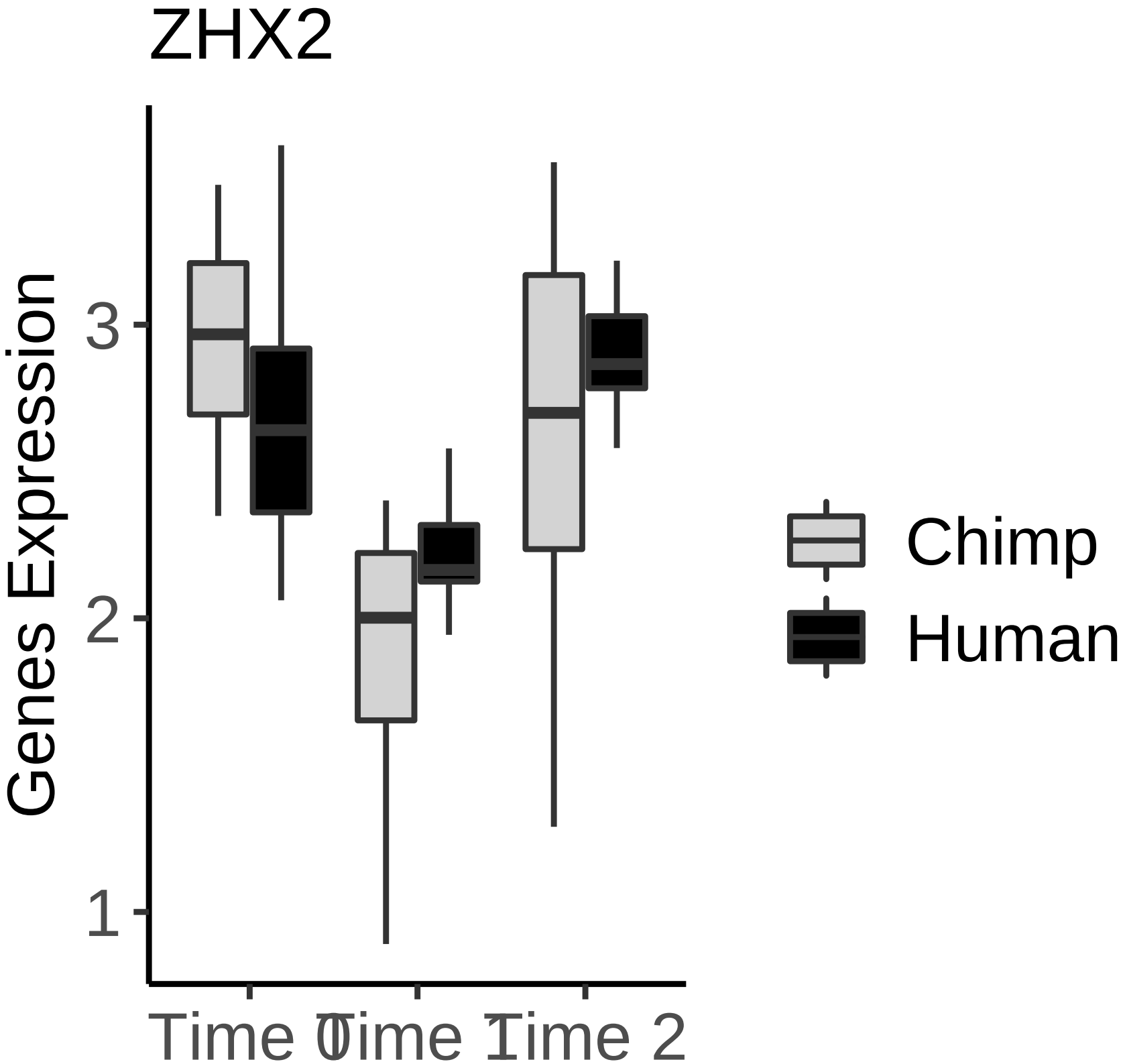

ZFP36
Genes Expression
7
6
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human

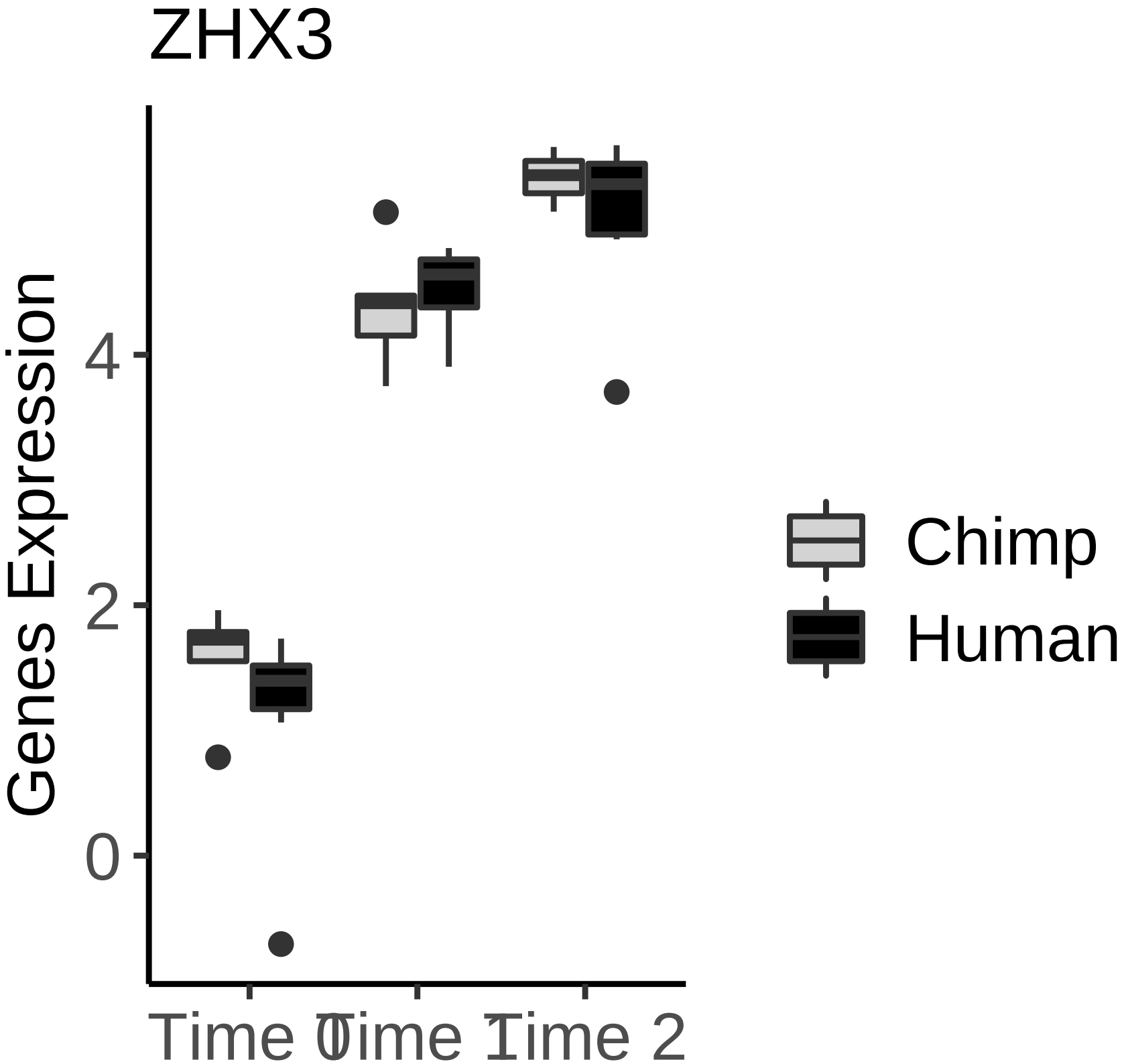

ZFPL1
Genes Expression
6.5
6.0
5.5
5.0
Time 0
Time 1
Time 2
Chimp
Human

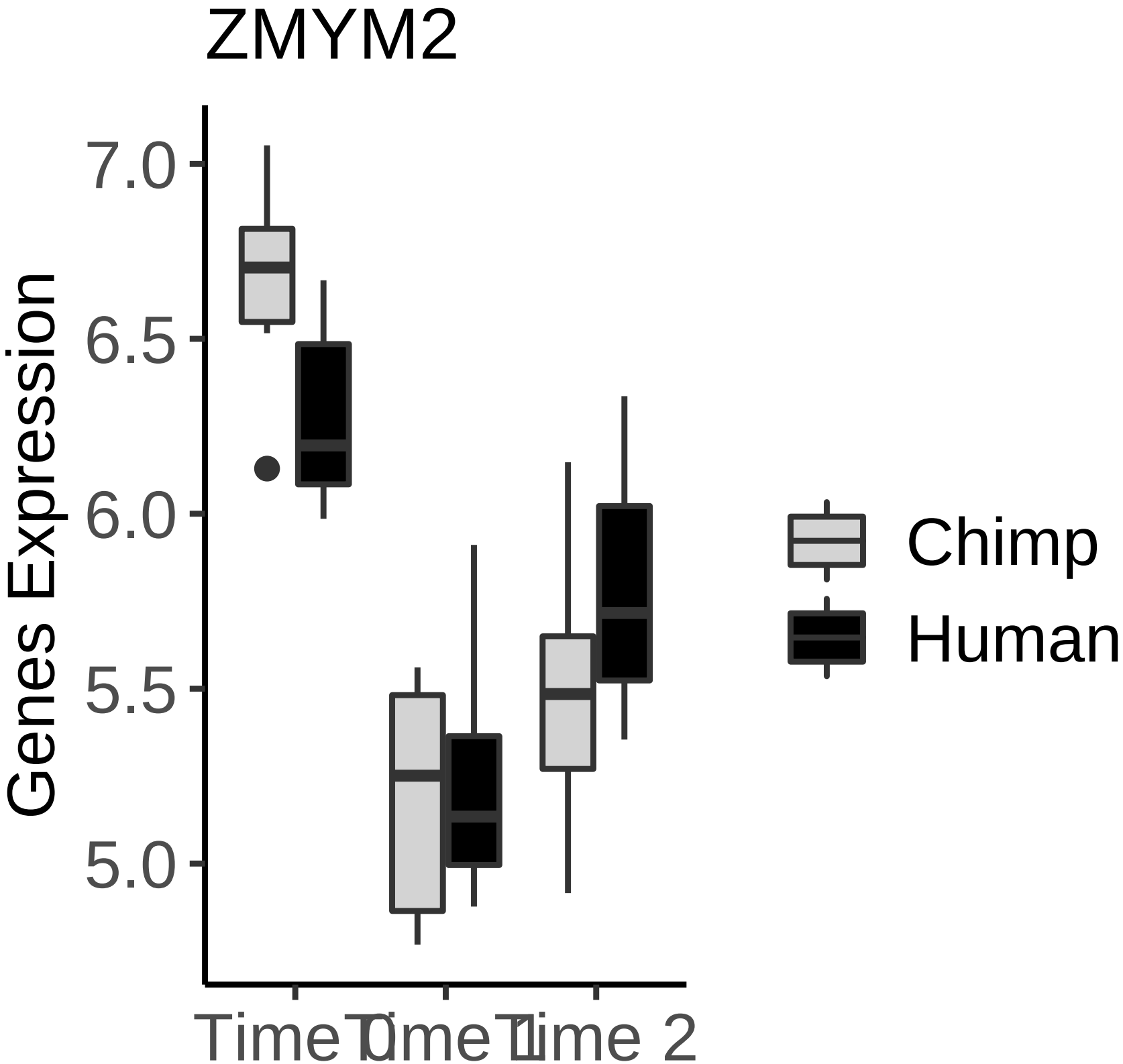

ZFYVE1
Genes Expression
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human

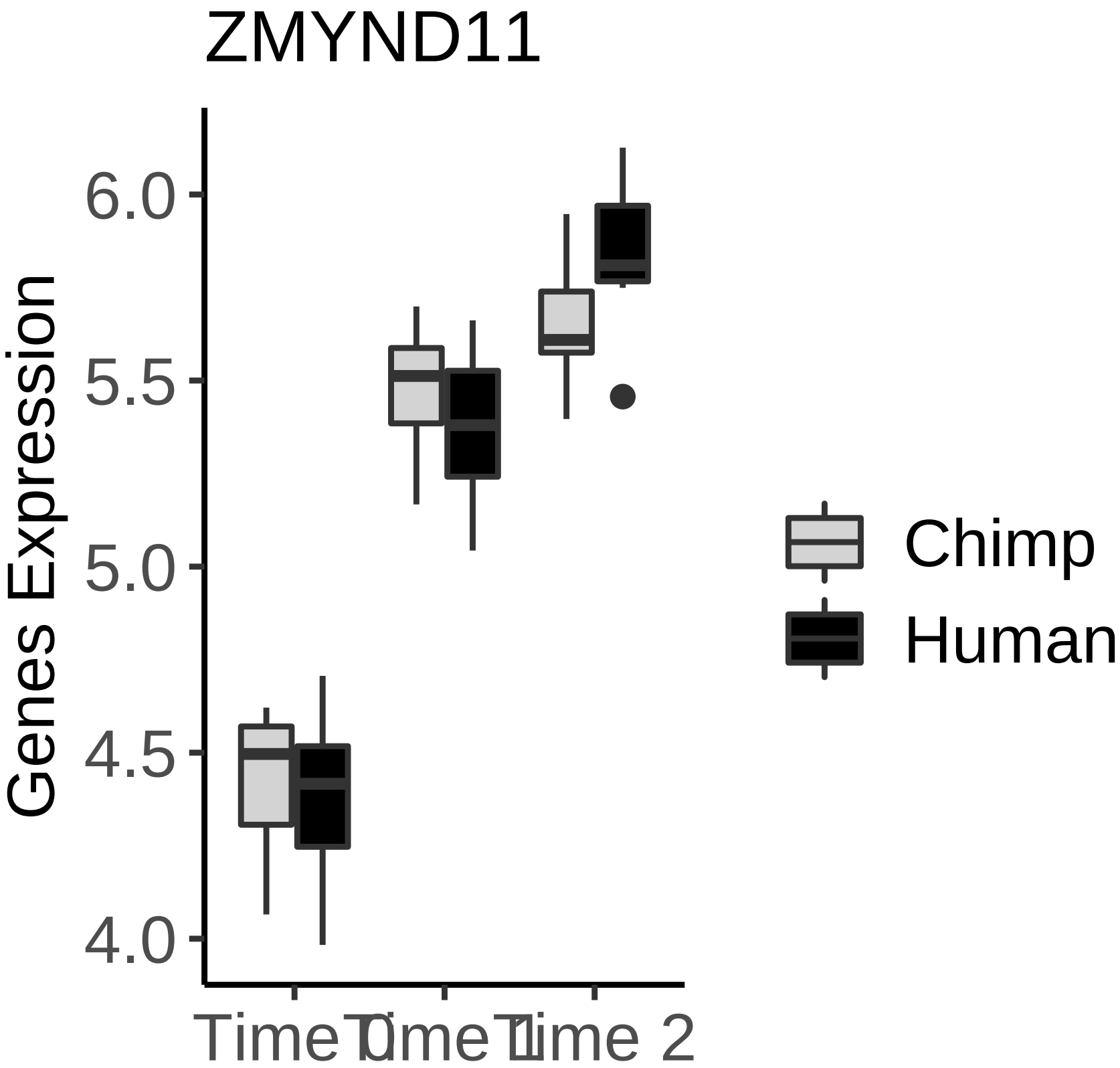

ZFYVE19
Genes Expression
4.5
4.0
3.5
3.0
2.5
Time 0
Time 1
Time 2
Chimp
Human

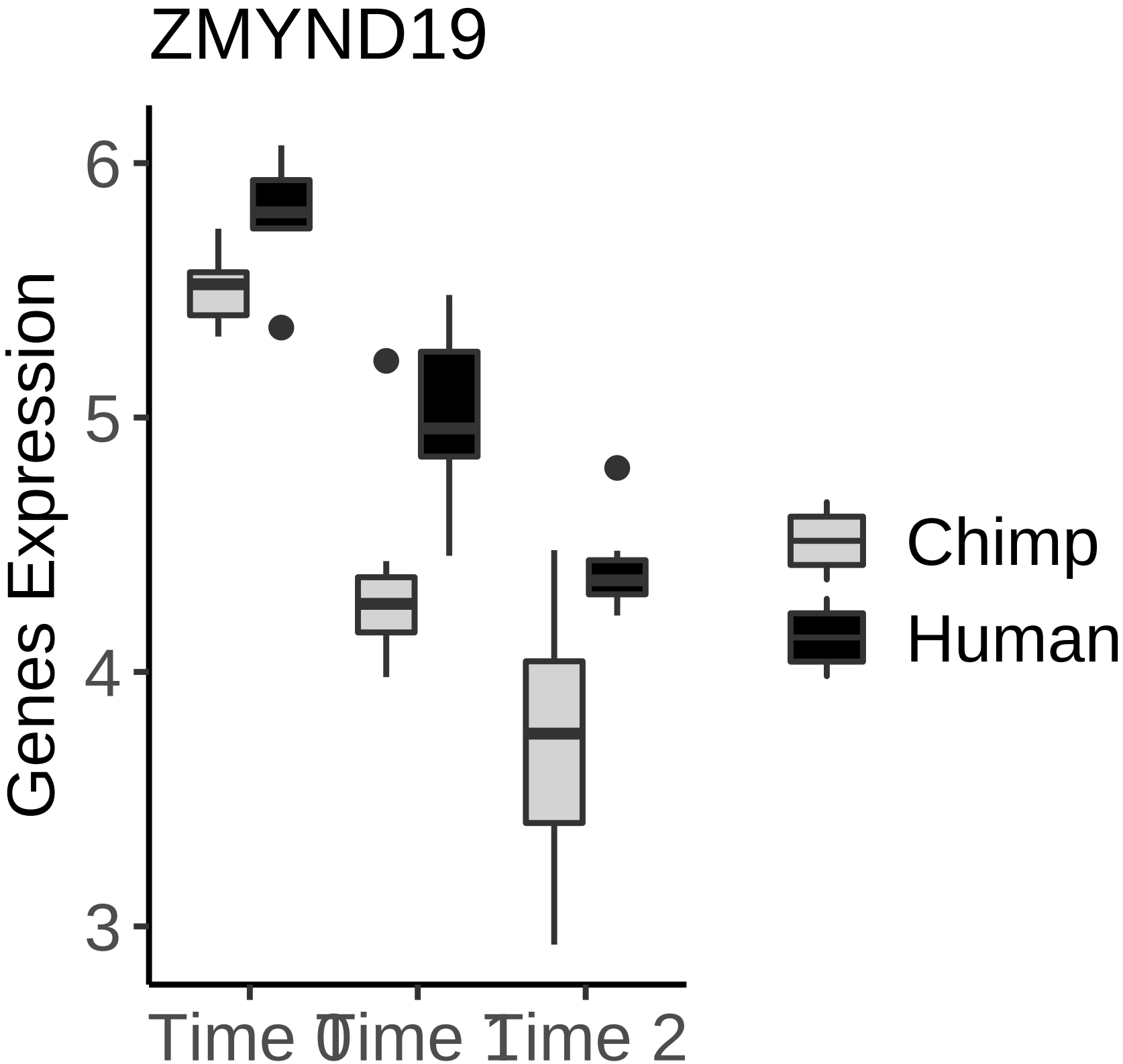

ZFYVE9
Genes Expression
4.0
3.6
3.2
2.8
Time 0
Time 1
Time 2
Chimp
Human

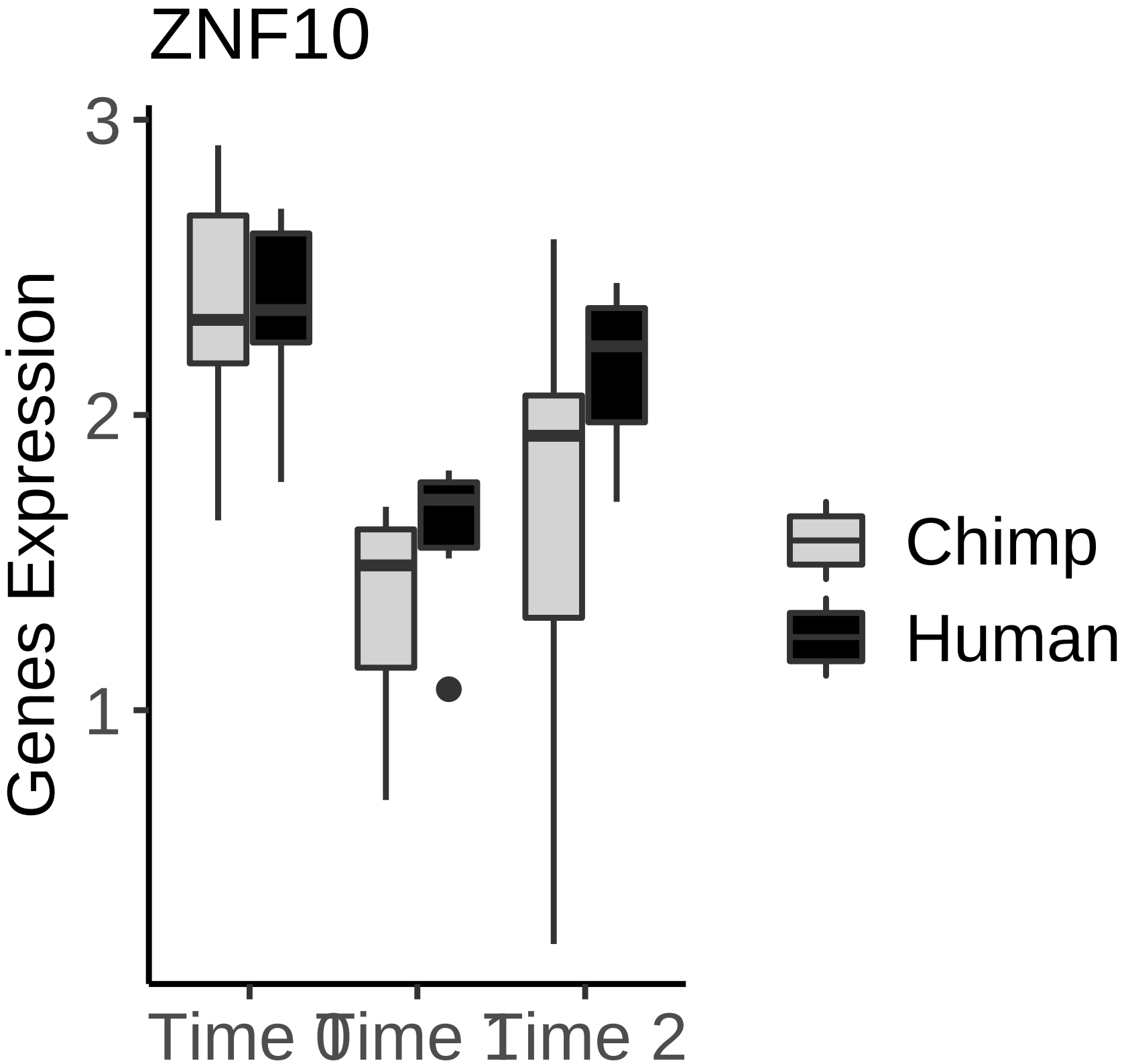

ZHX2
Genes Expression
3
2
1
Time 0
Time 1
Time 2
Chimp
Human

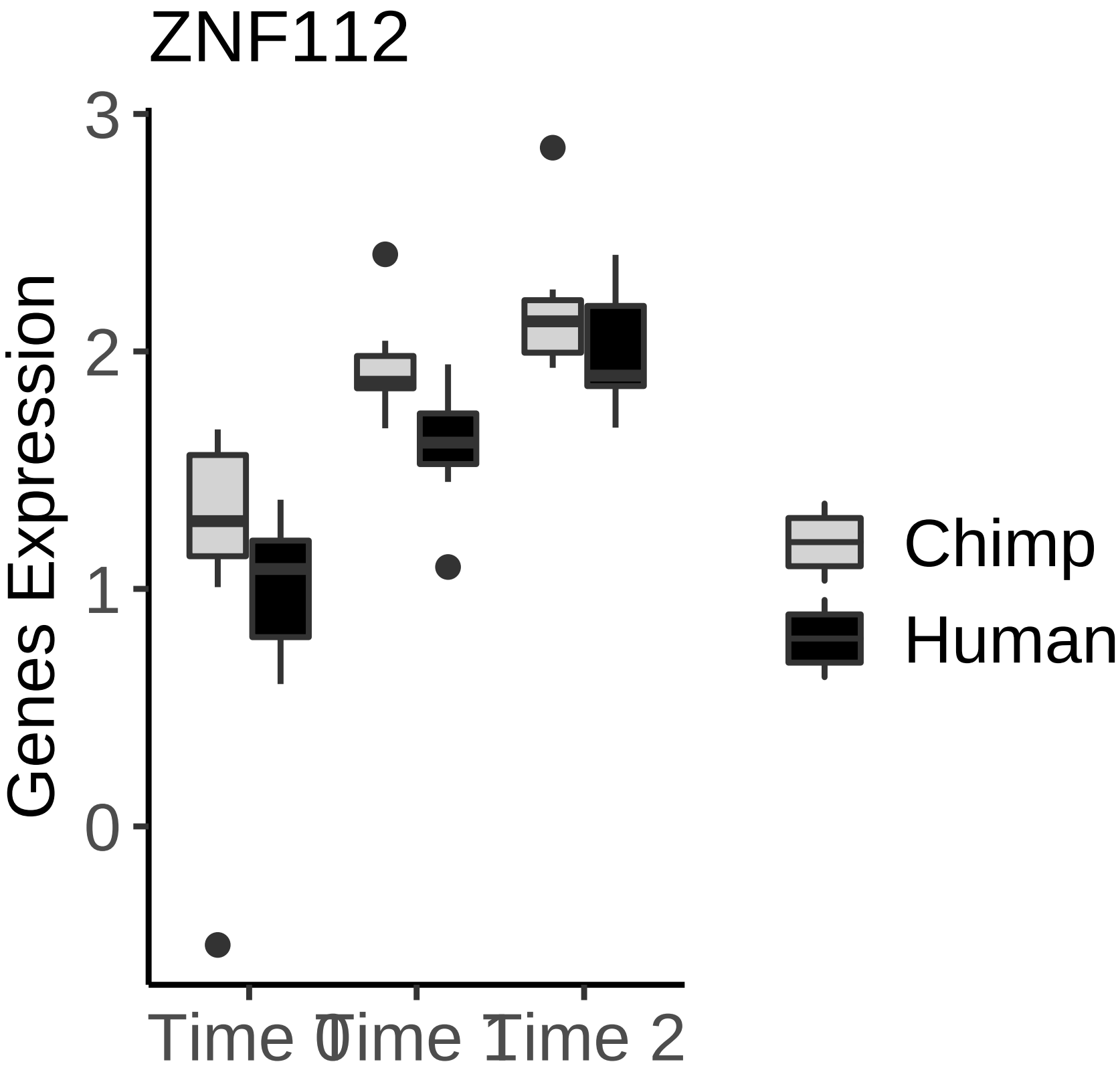

ZHX3
Genes Expression
4
2
0
Time 0
Time 1
Time 2
Chimp
Human

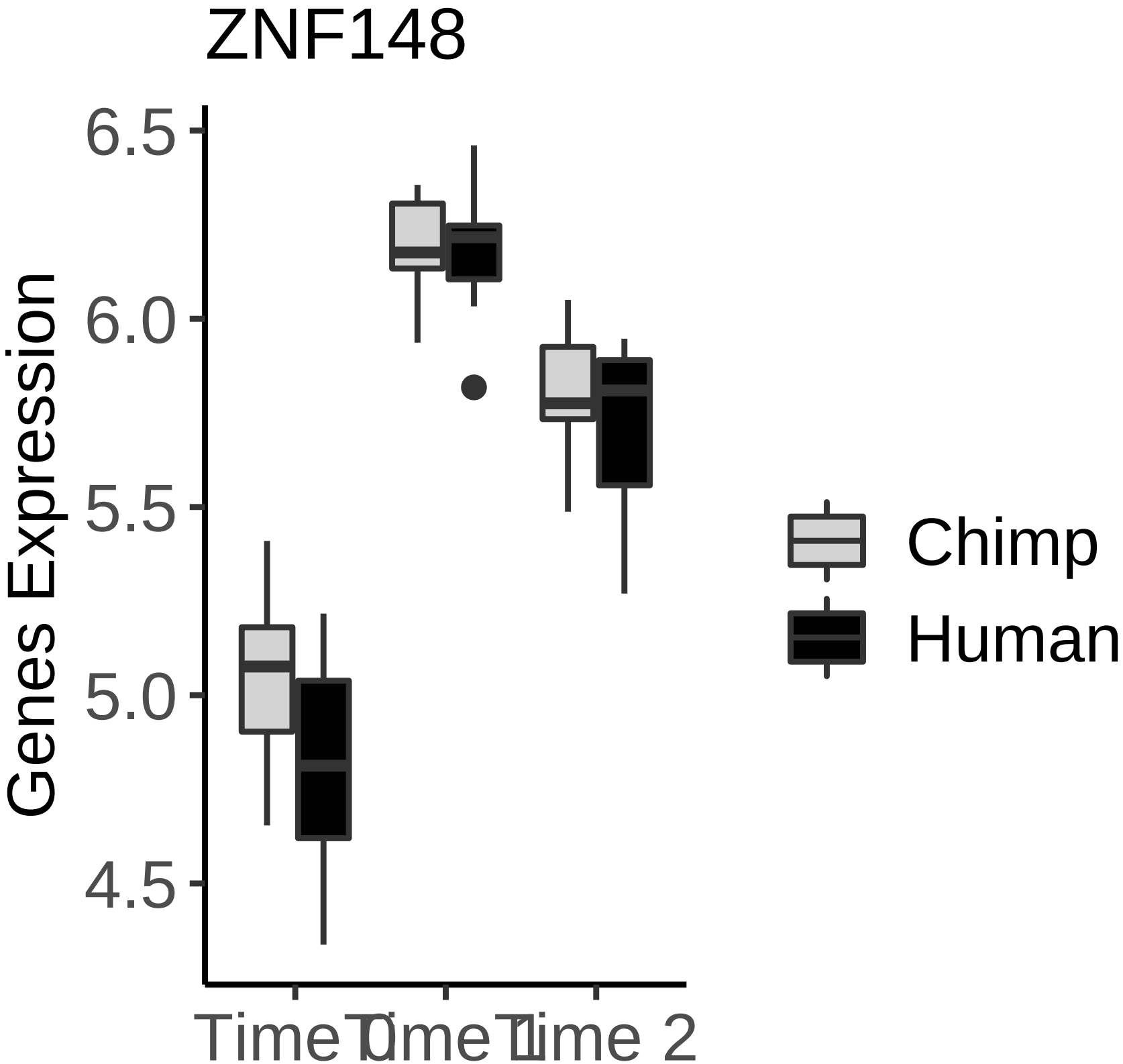

ZMYM2
Genes Expression
7.0
6.5
6.0
5.5
5.0
Time 0
Time 1
Time 2
Chimp
Human


ZMYND11
Genes Expression
6.0
5.5
5.0
4.5
4.0
Time 0
Time 1
Time 2
Chimp
Human


ZMYND19
Genes Expression
6
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


ZNF10
Genes Expression
3
2
1
Time 0
Time 1
Time 2
Chimp
Human


ZNF112
Genes Expression
3
2
1
0
Time 0
Time 1
Time 2
Chimp
Human


ZNF148
Genes Expression
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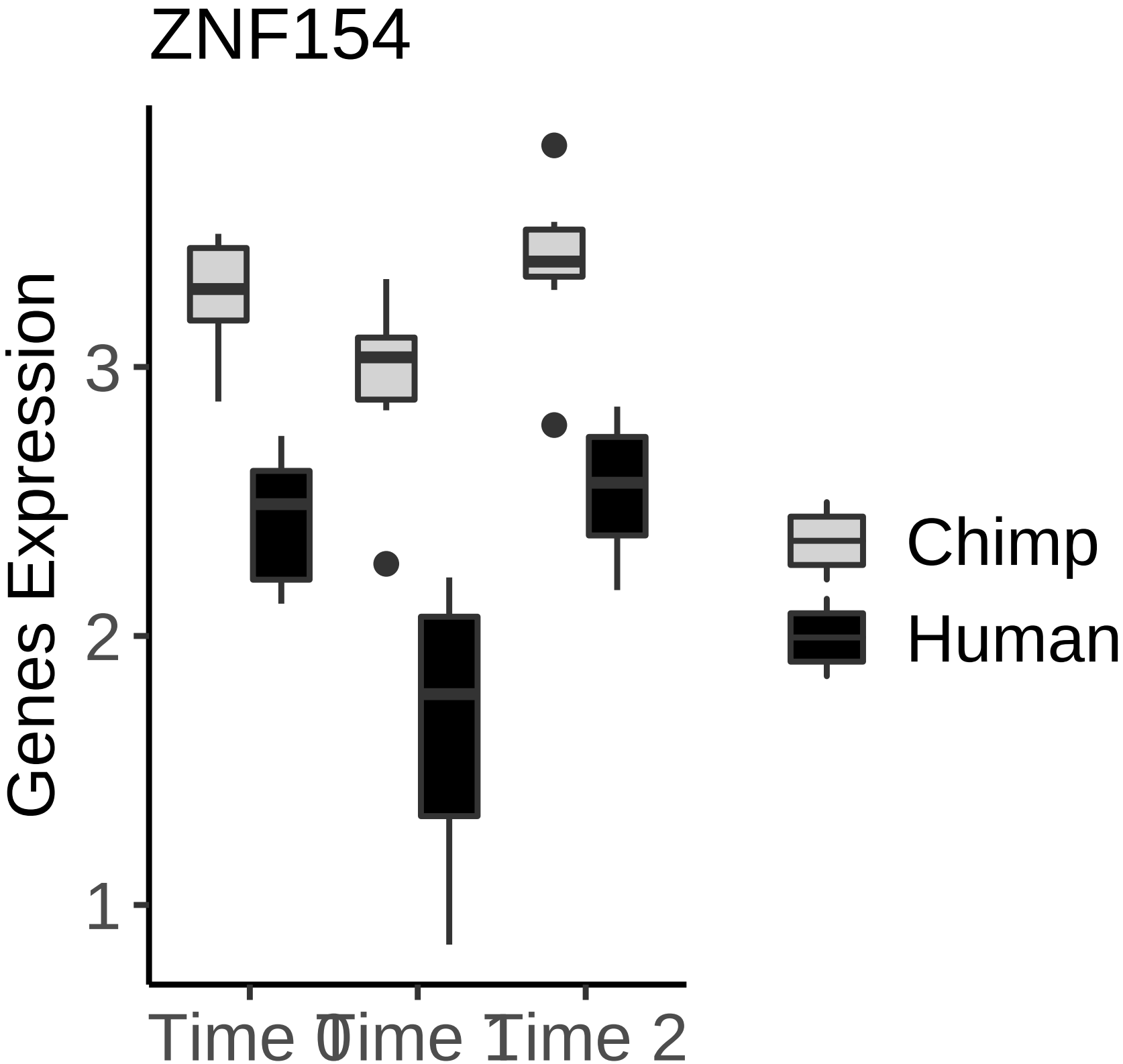
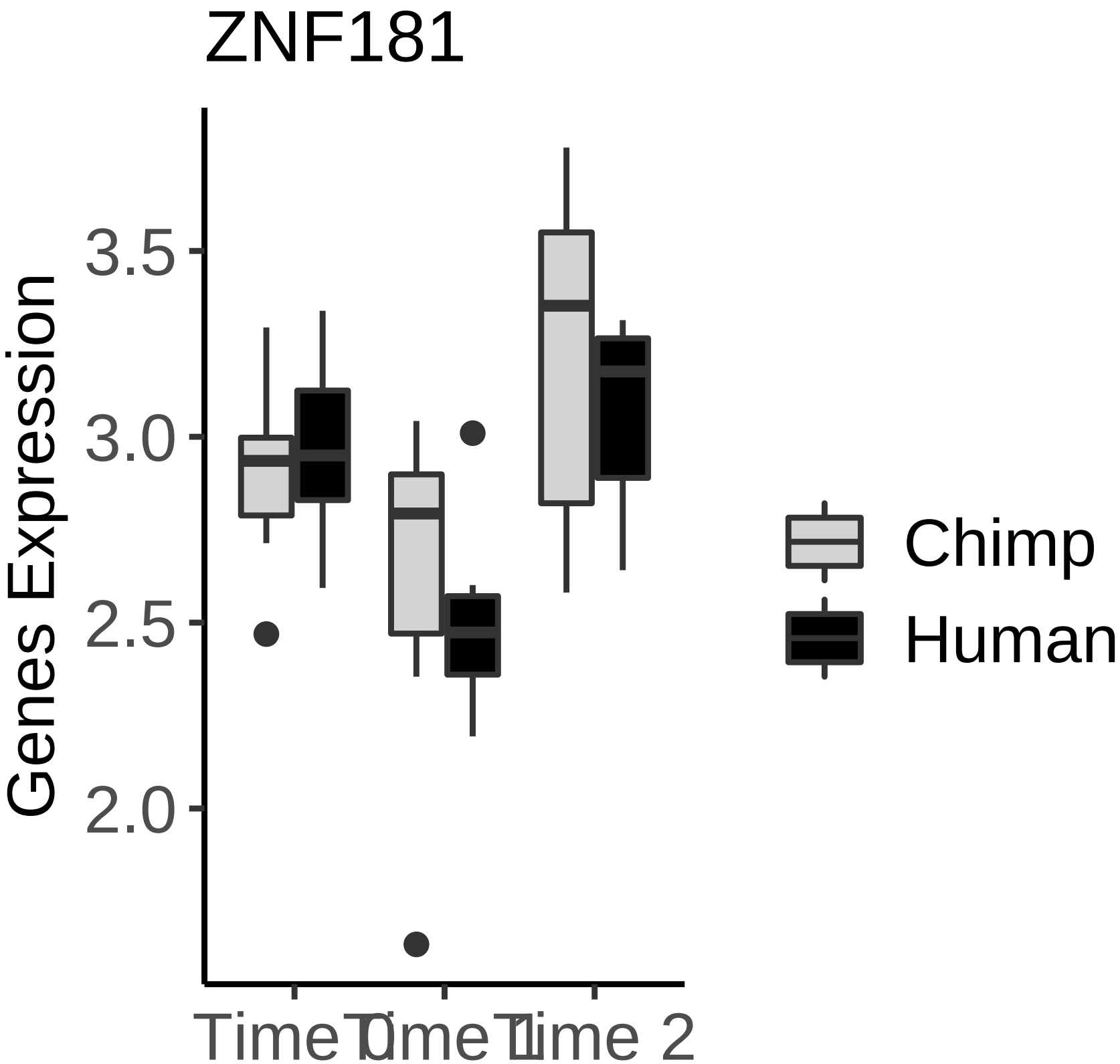
6.0
5.5
5.0
4.5
Time 0
Time 1
Time 2
Chimp
Human


ZNF154
Genes Expression
3
2
1
Time 0
Time 1
Time 2
Chimp
Human


ZNF181
Genes Expression
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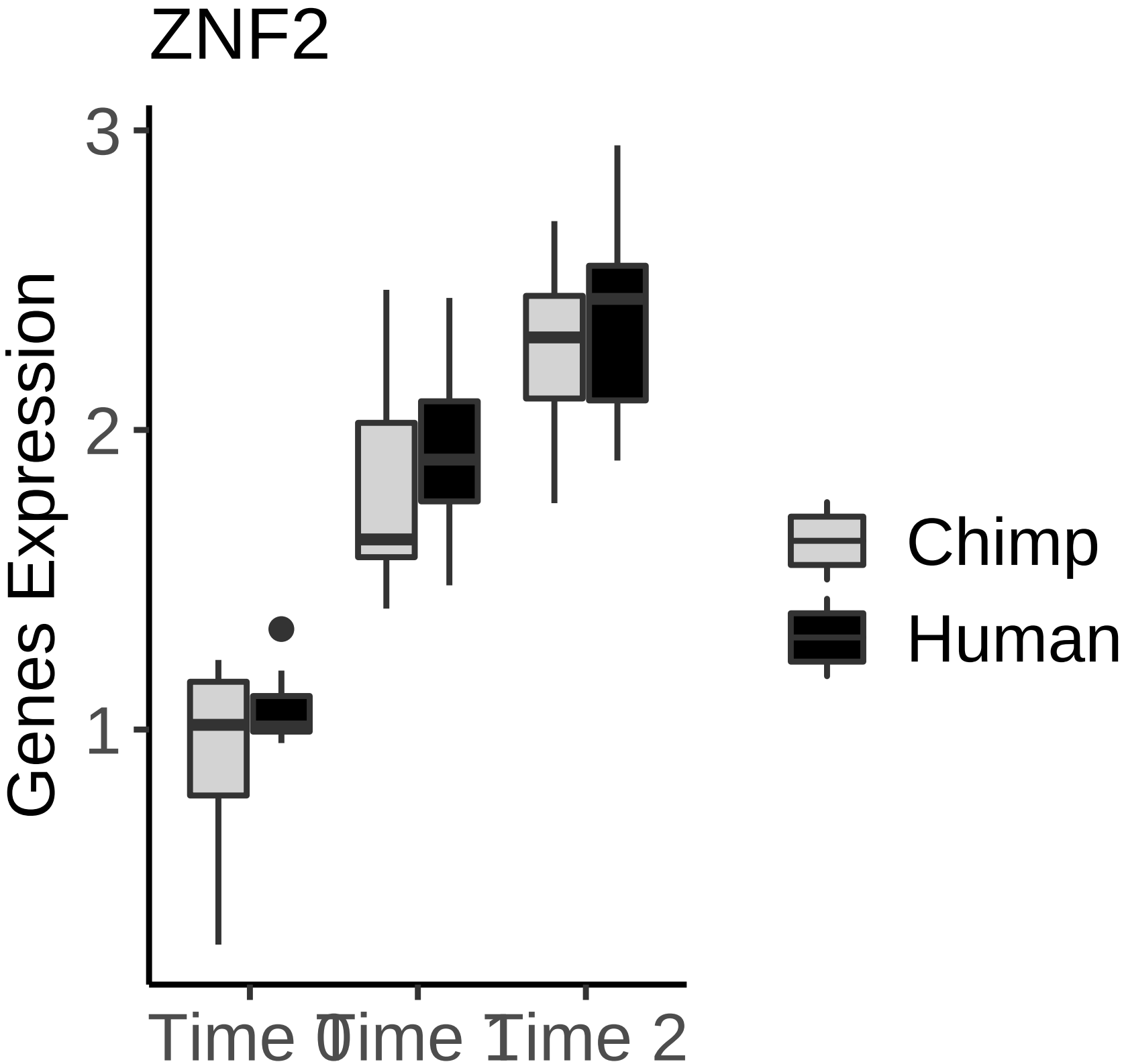
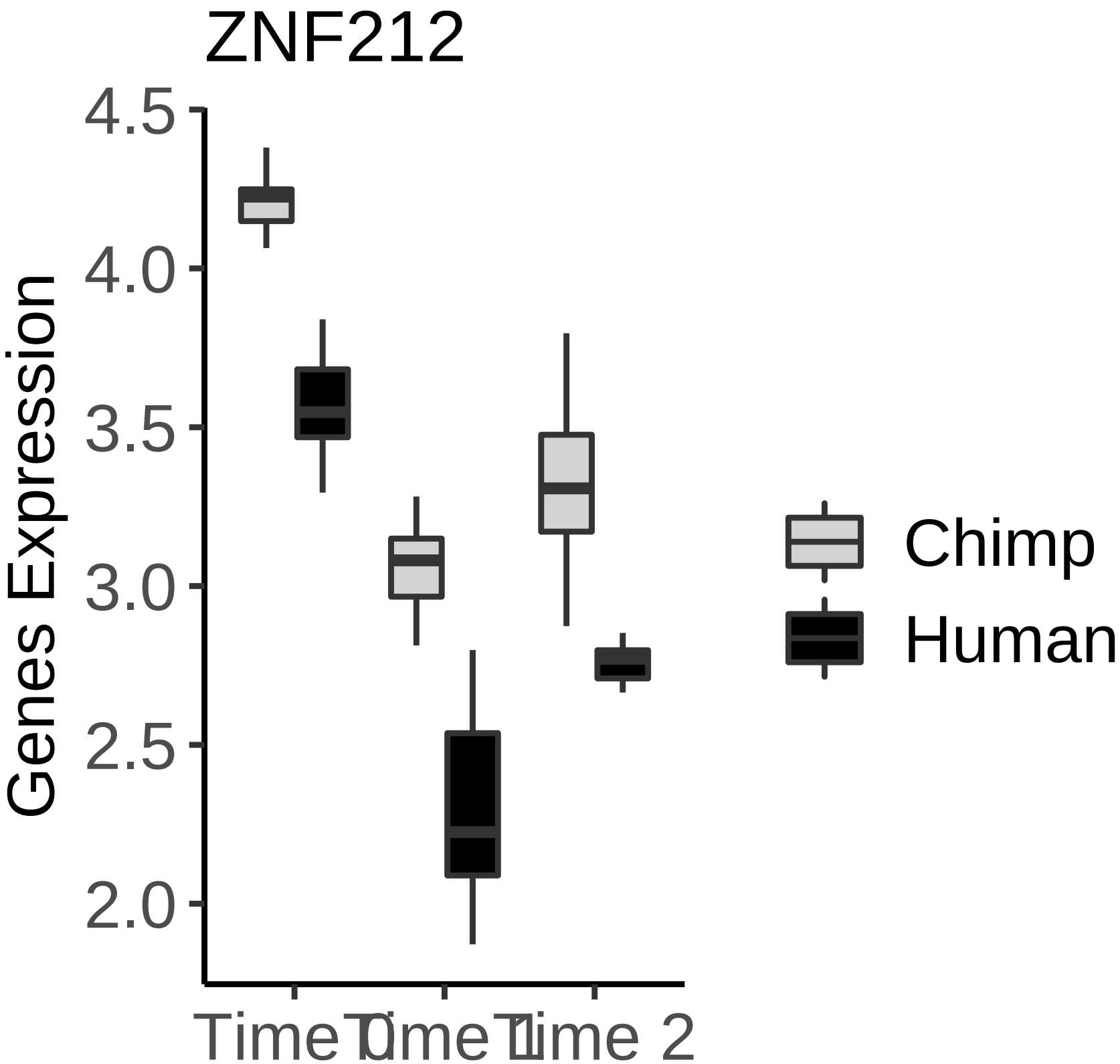
2.5
2.0
Time 0
Time 1
Time 2
Chimp
Human


ZNF2
Genes Expression
3
2
1
Time 0
Time 1
Time 2
Chimp
Human


ZNF212
Genes Expression
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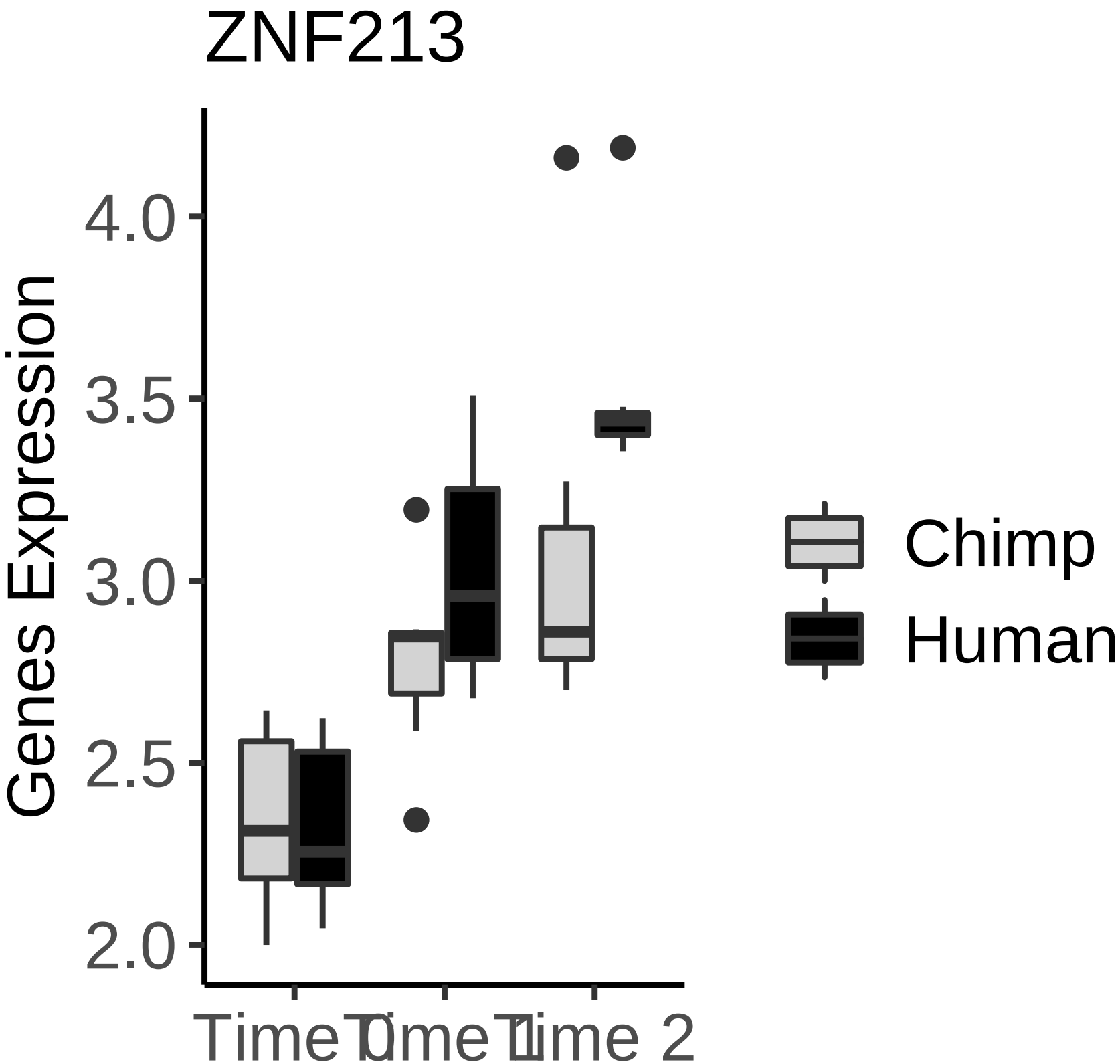
4.0
3.5
3.0
2.5
2.0
Time 0
Time 1
Time 2
Chimp
Human


ZNF213
Genes Expression
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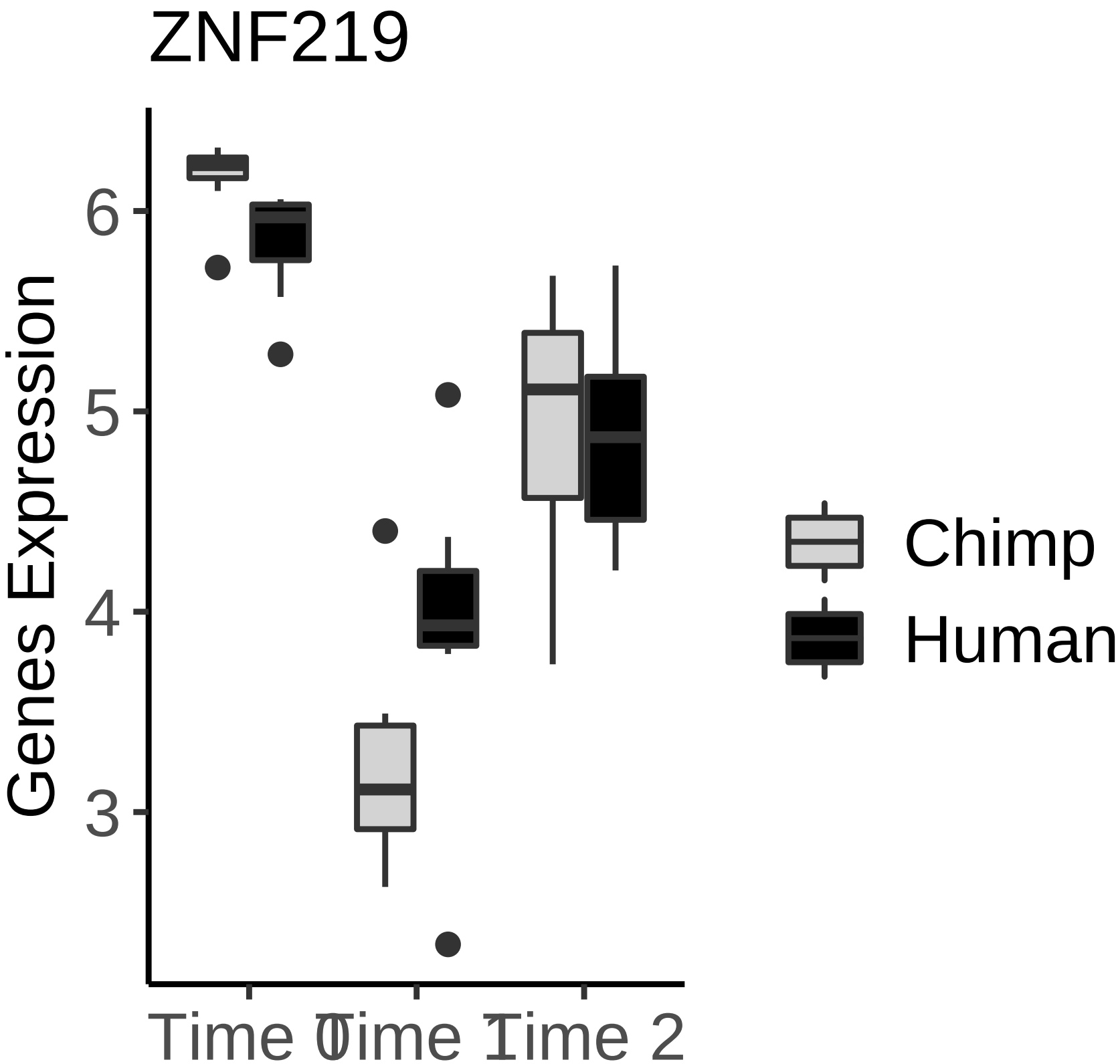
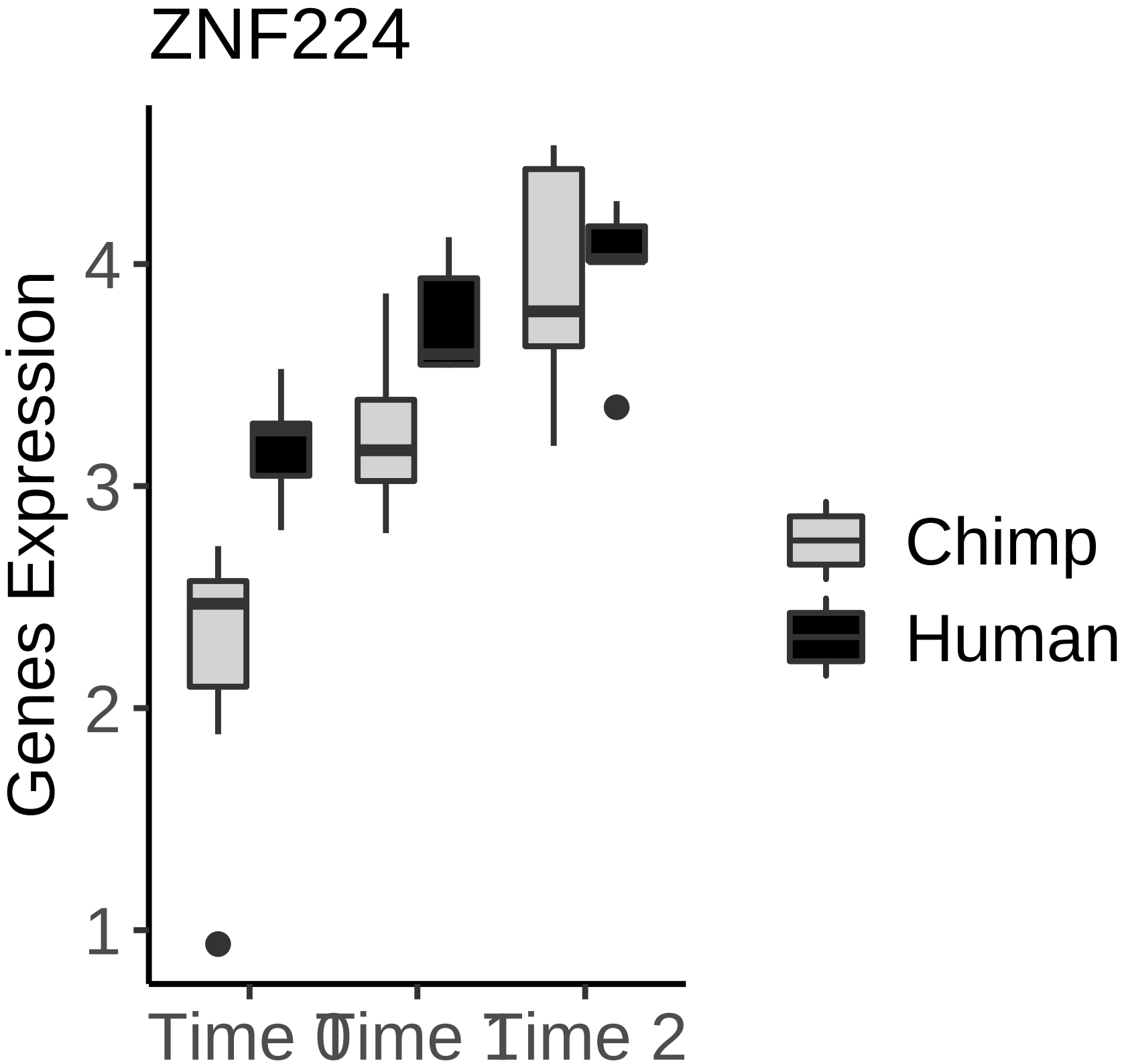
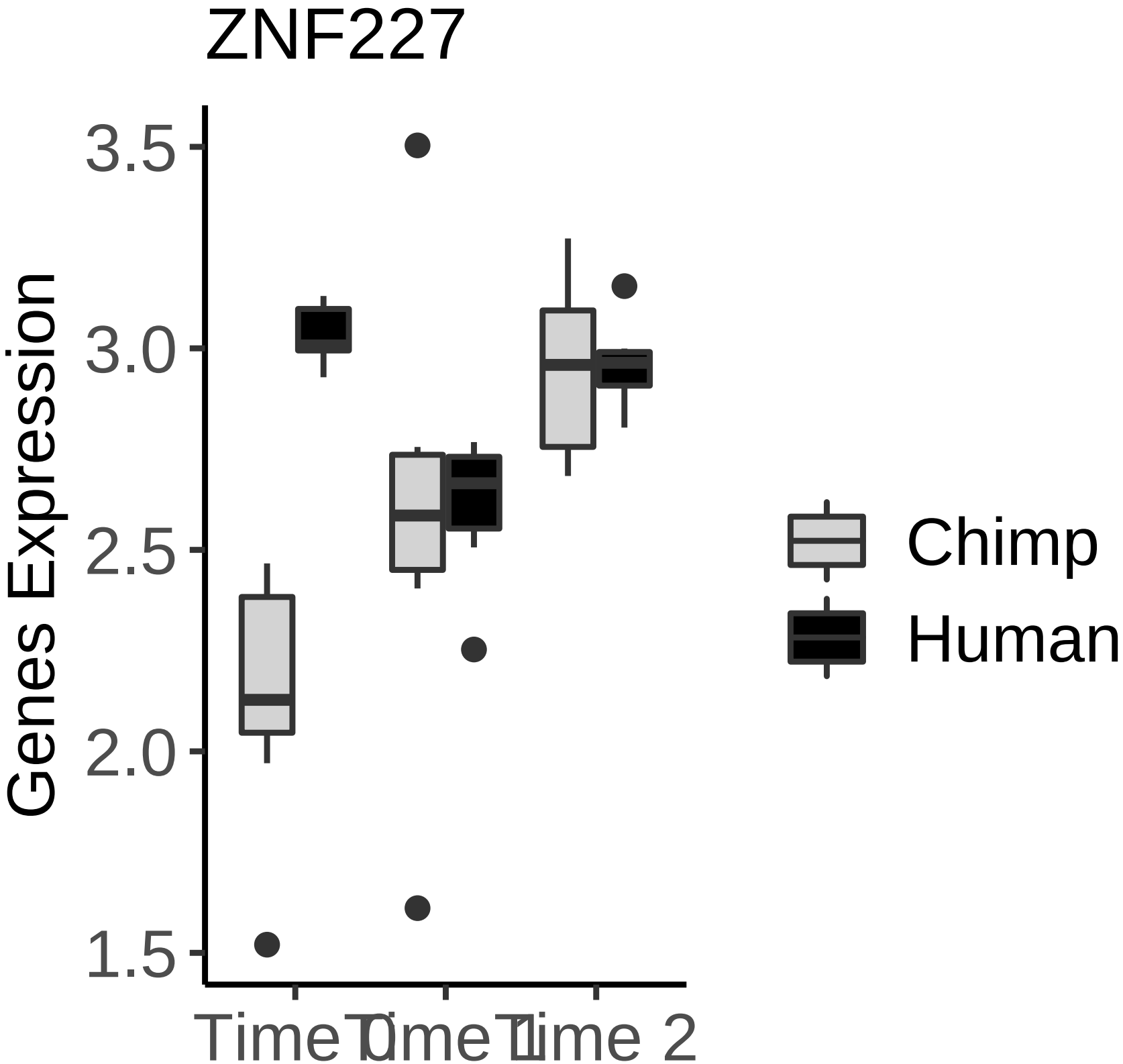
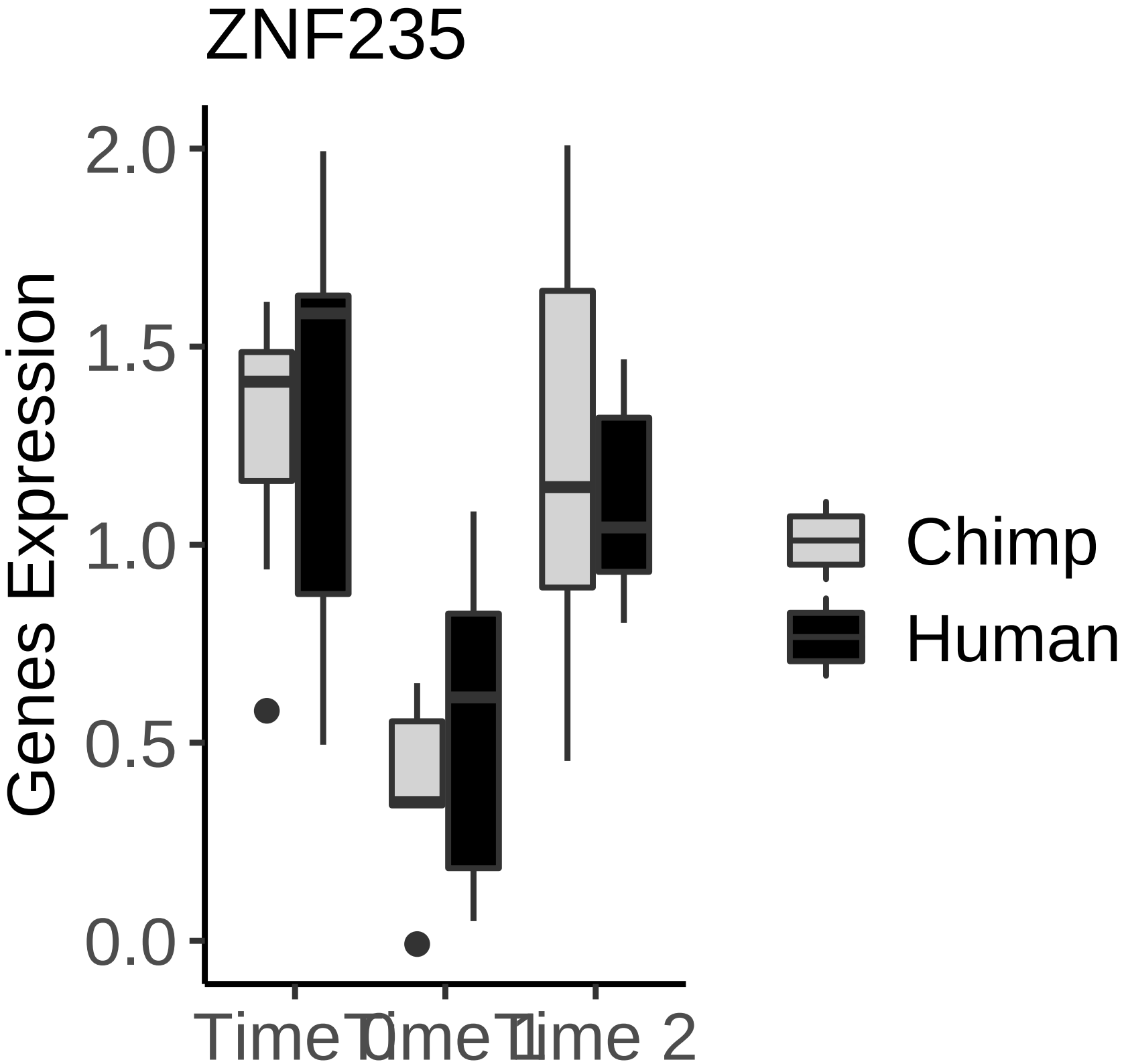
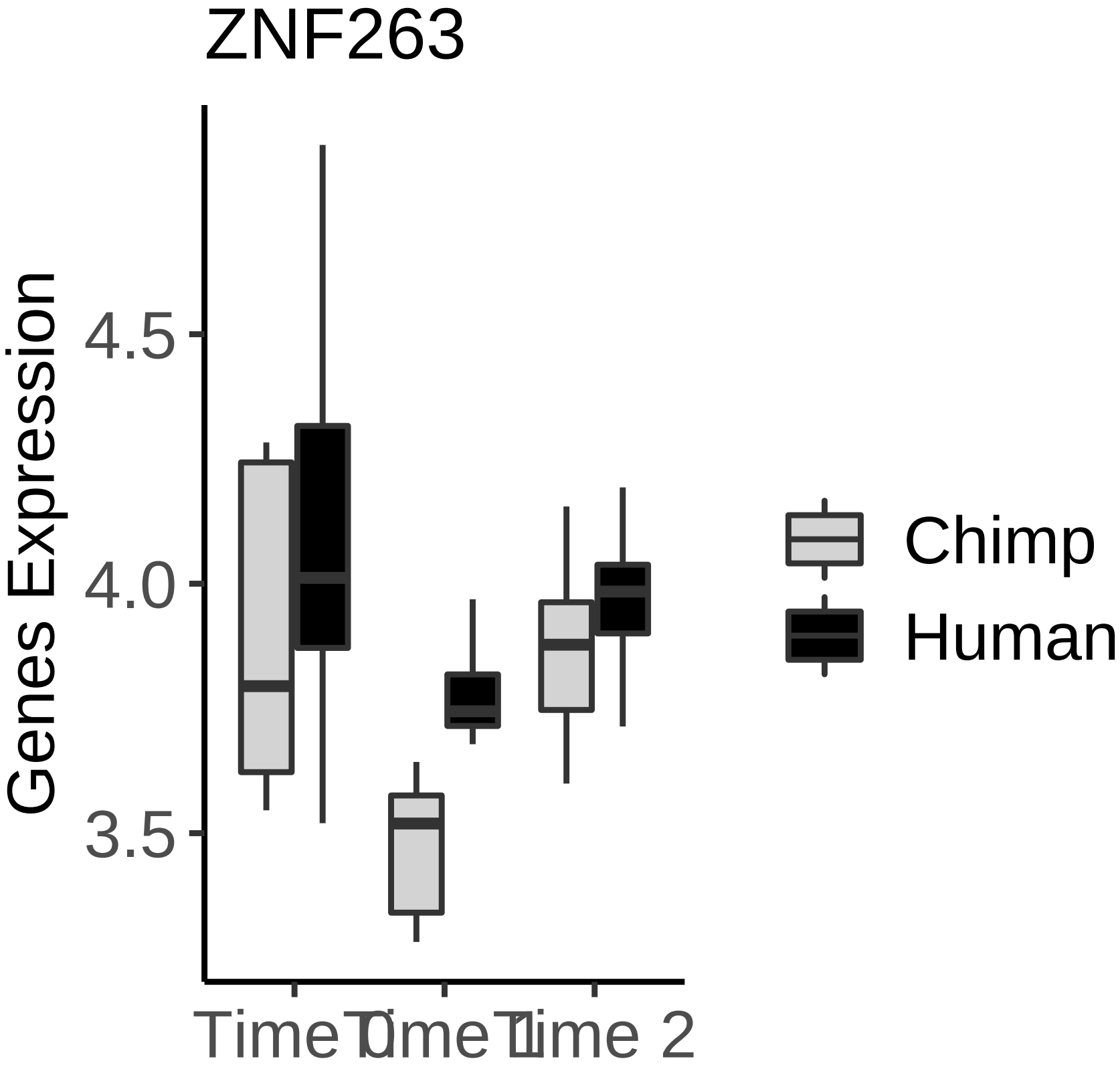
3.0
2.5
2.0
Time 0
Time 1
Time 2
Chimp
Human


ZNF219
Genes Expression
6
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


ZNF224
Genes Expression
4
3
2
1
Time 0
Time 1
Time 2
Chimp
Human


ZNF227
Genes Expression
3.5
3.0
2.5
2.0
1.5
Time 0
Time 1
Time 2
Chimp
Human


ZNF235
Genes Expression
2.0
1.5
1.0
0.5
0.0
Time 0
Time 1
Time 2
Chimp
Human


ZNF263
Genes Expression
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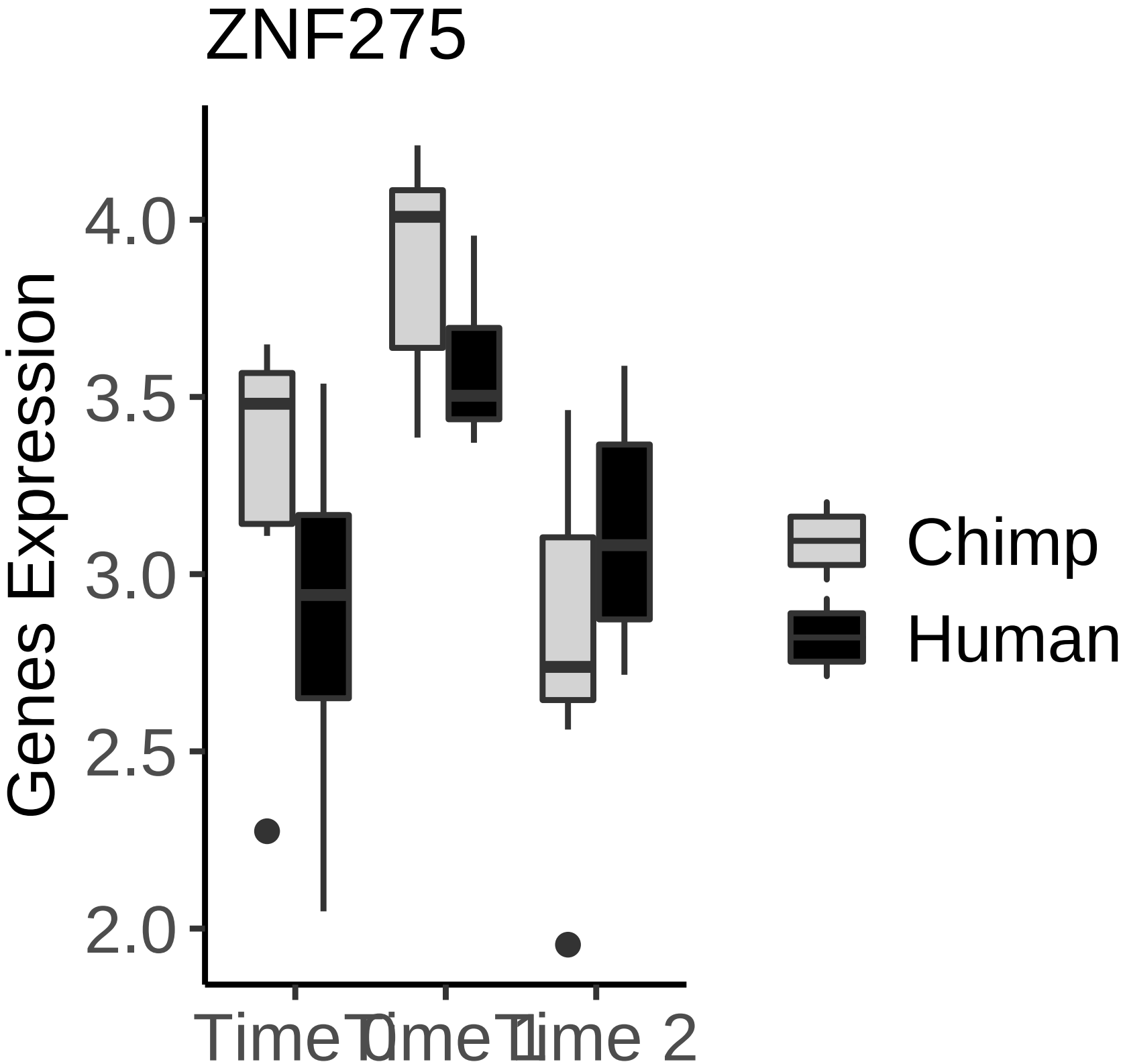
3.5
Time 0
Time 1
Time 2
Chimp
Human


ZNF275
Genes Expression
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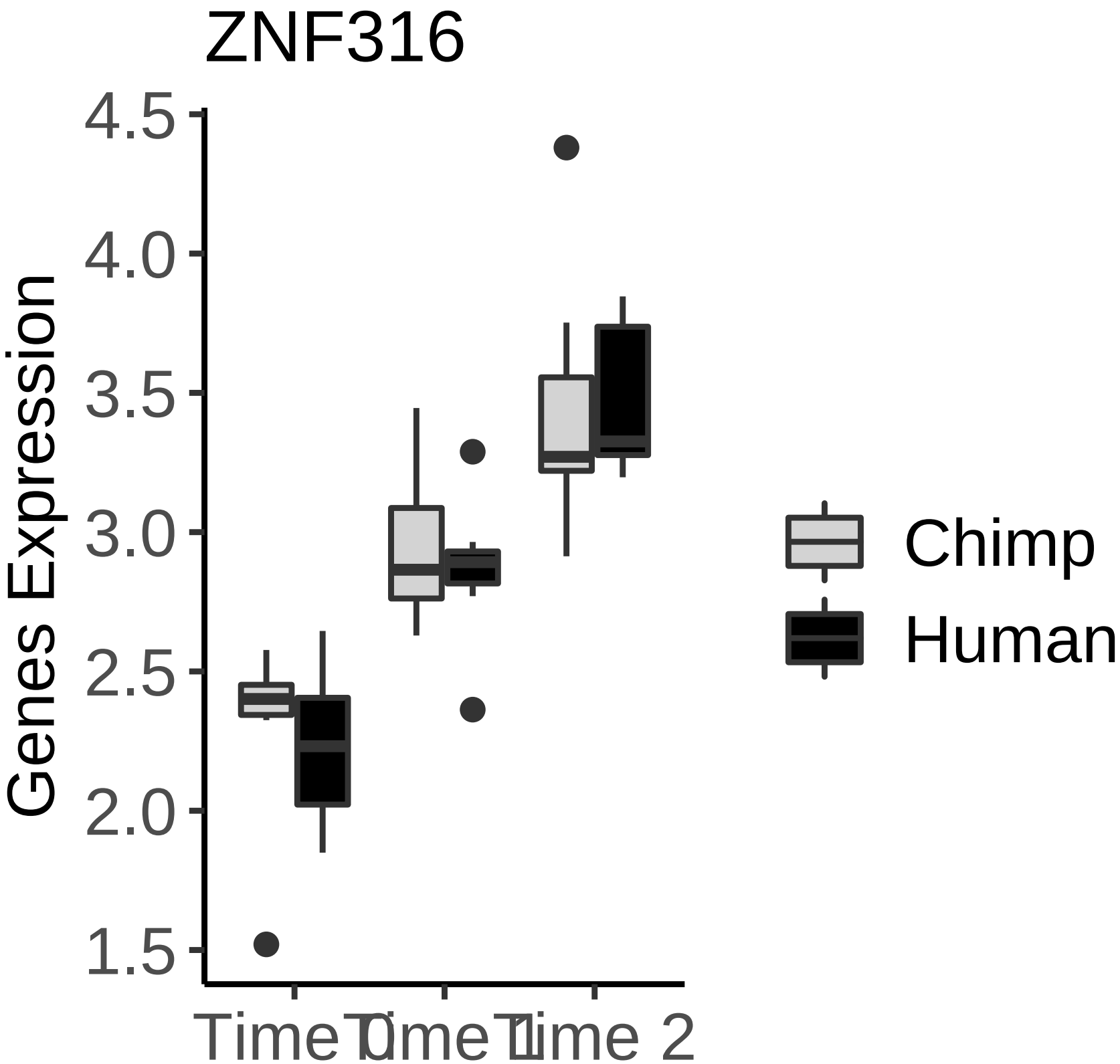
3.5
3.0
2.5
2.0
Time 0
Time 1
Time 2
Chimp
Human


ZNF316
Genes Expression
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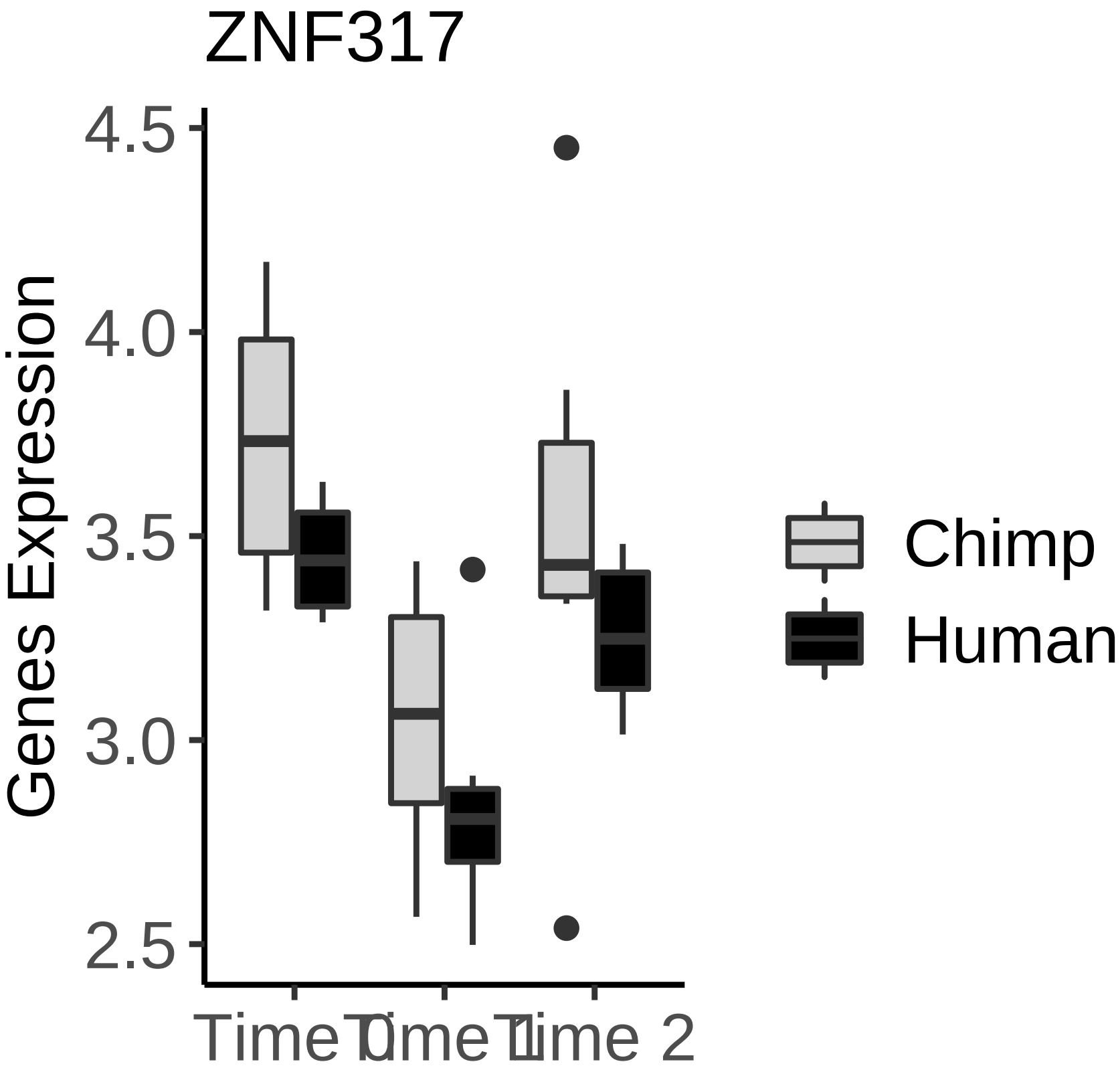
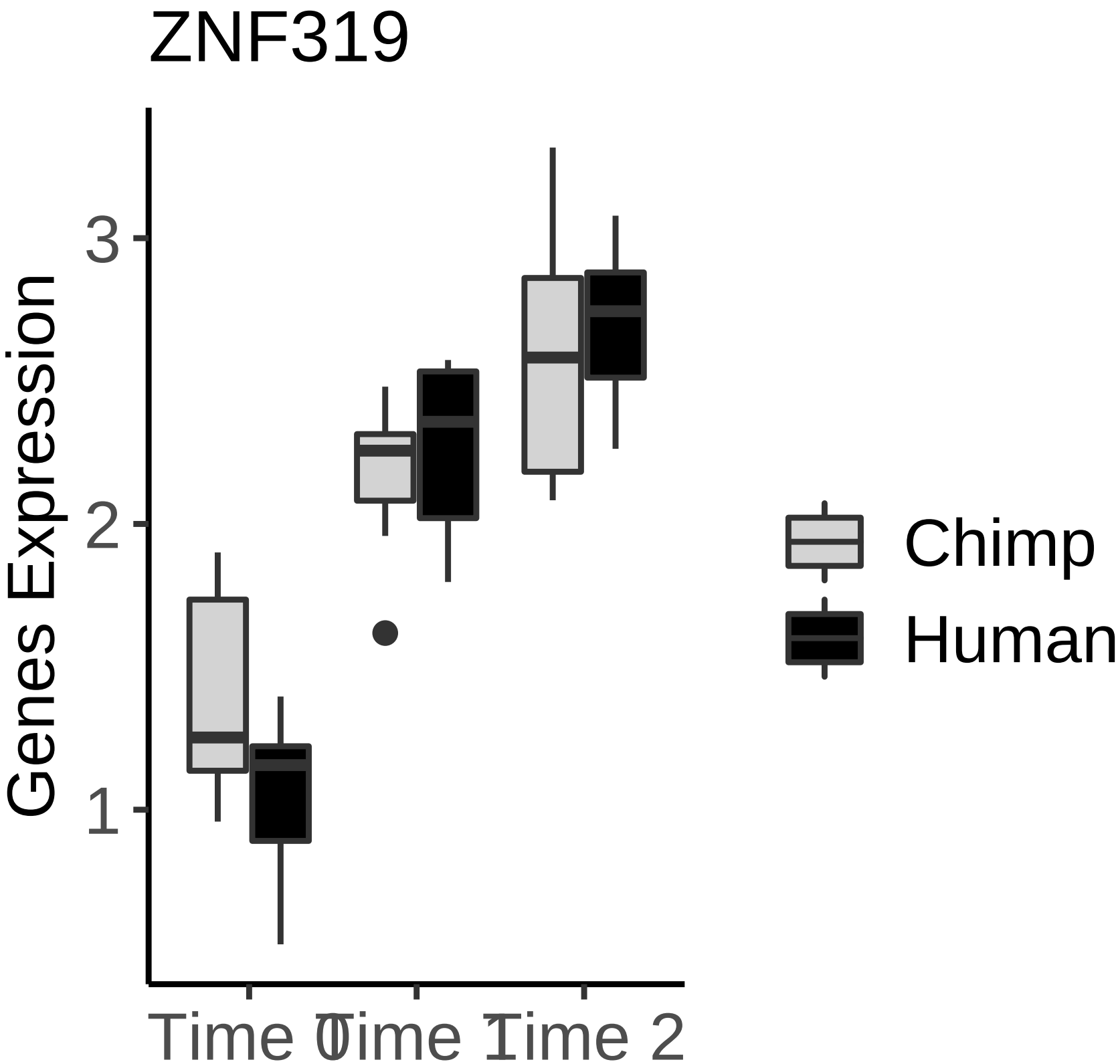
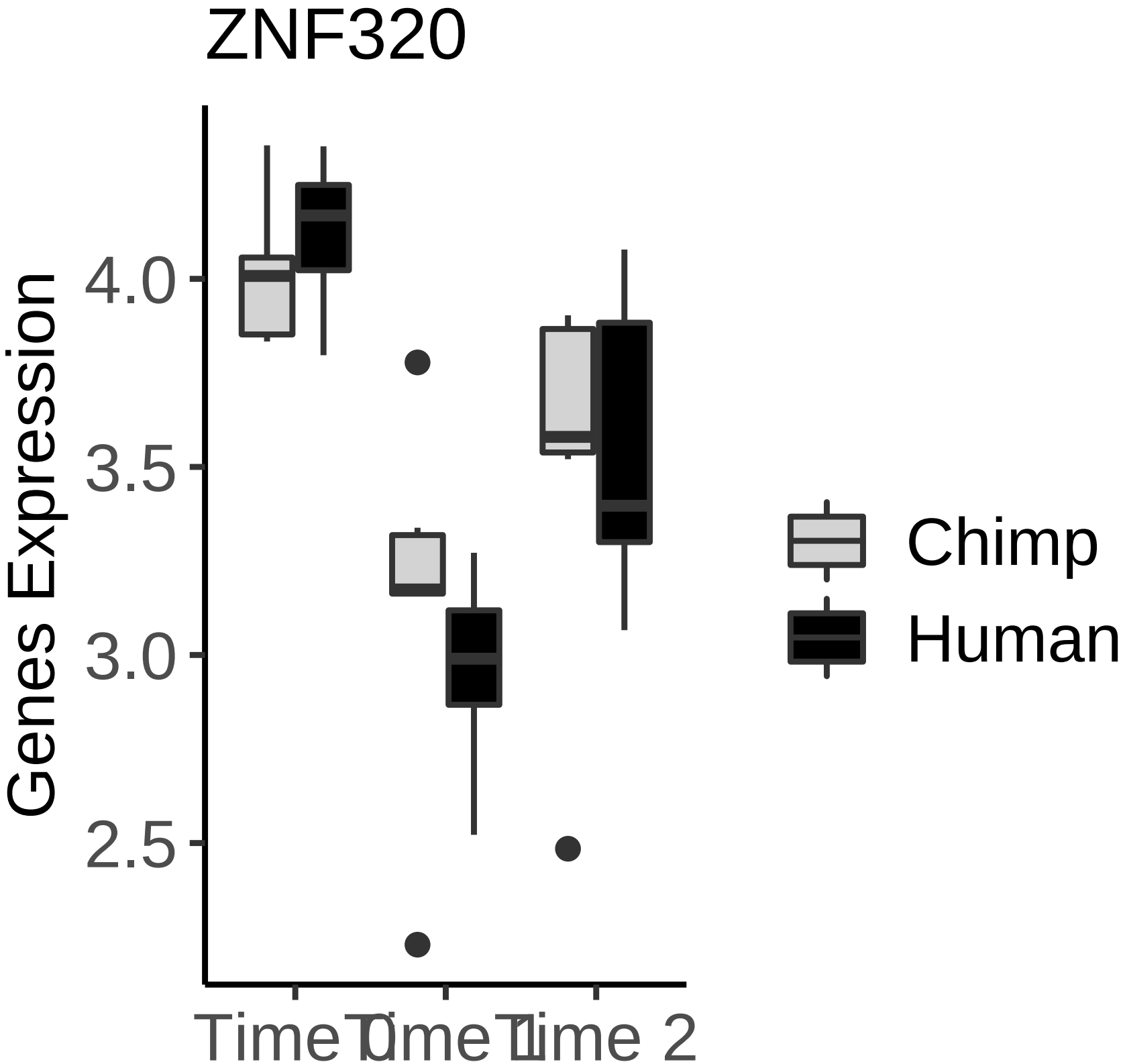
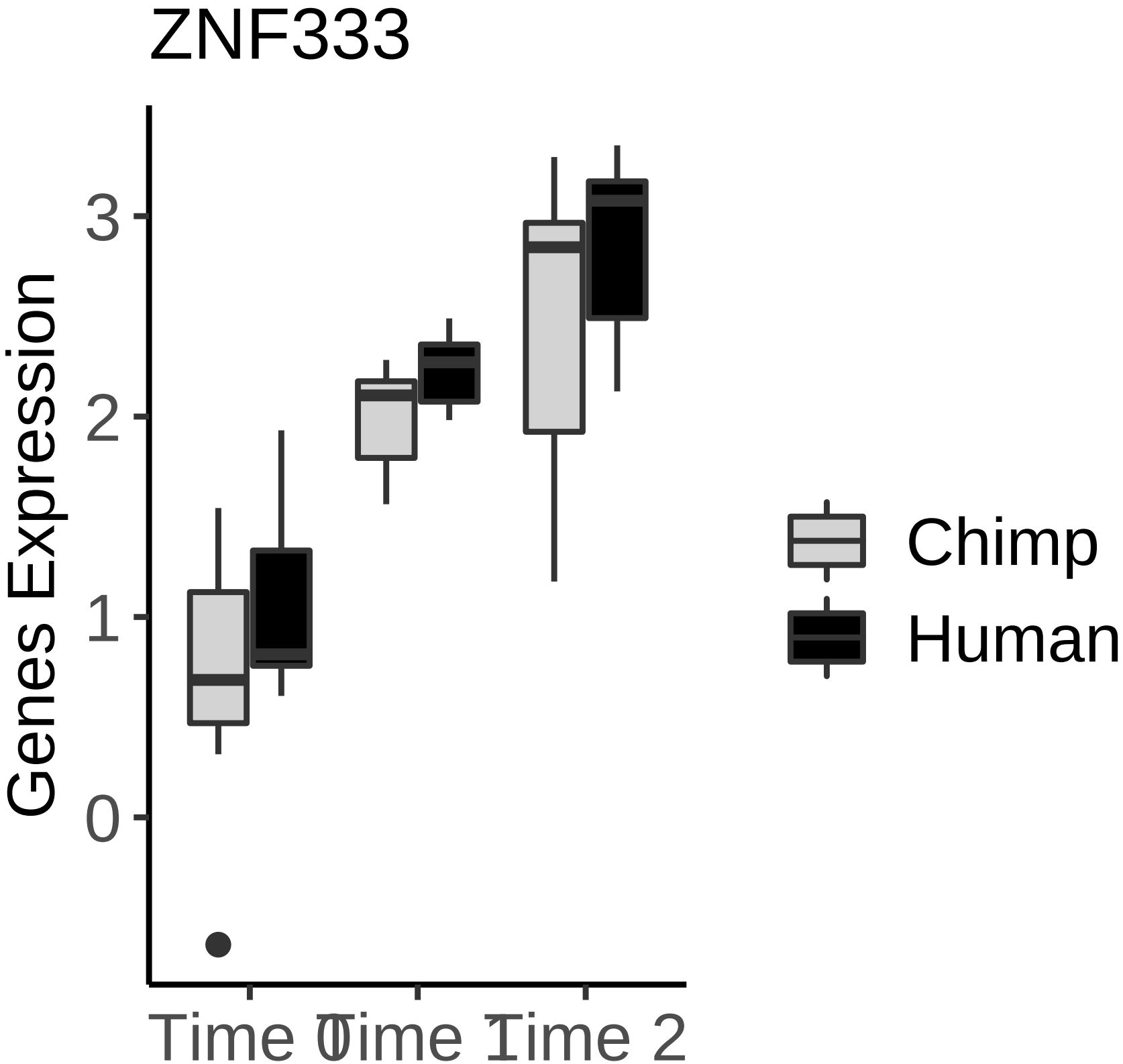
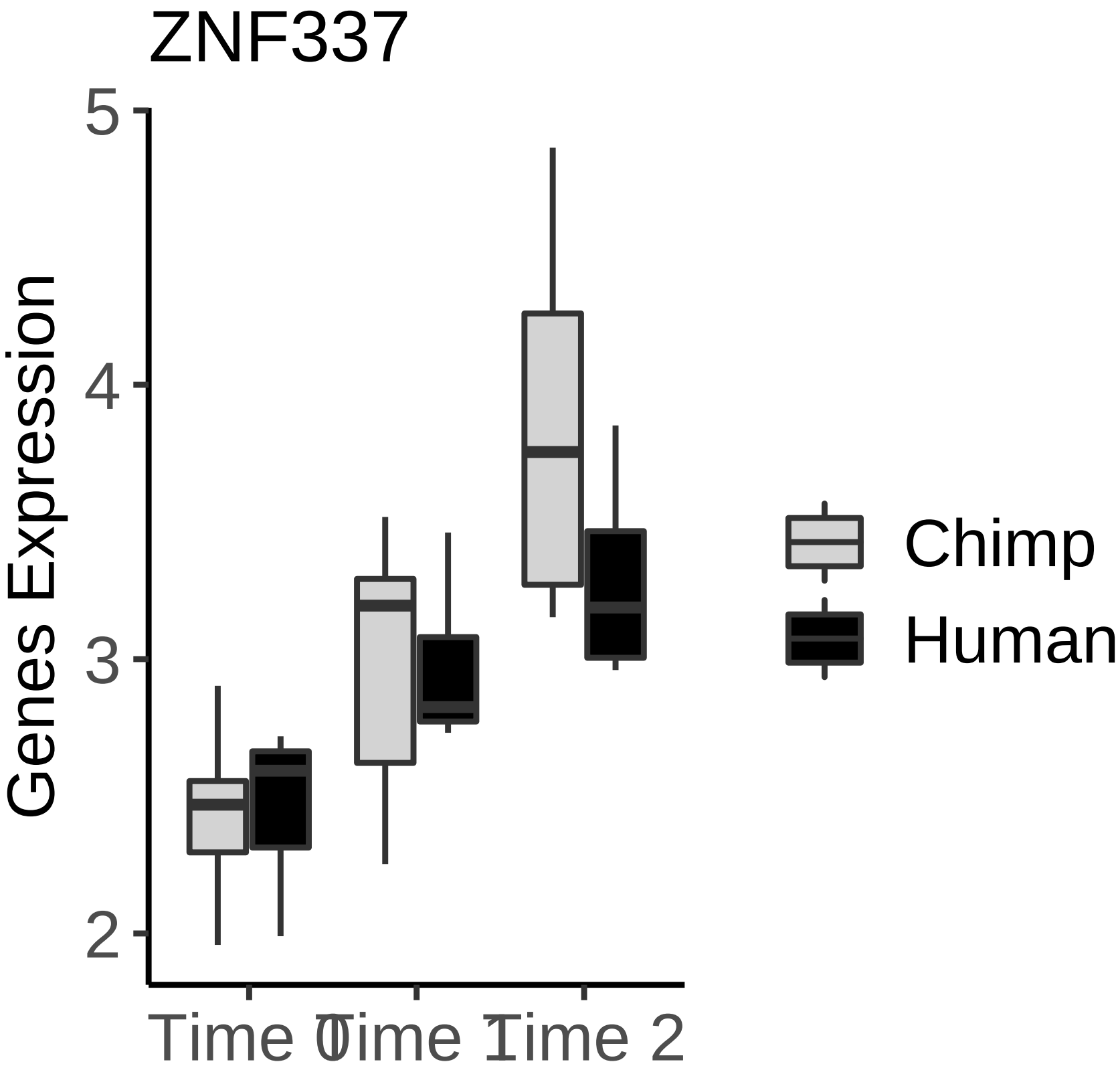
3.5
3.0
2.5
2.0
1.5
Time 0
Time 1
Time 2
Chimp
Human

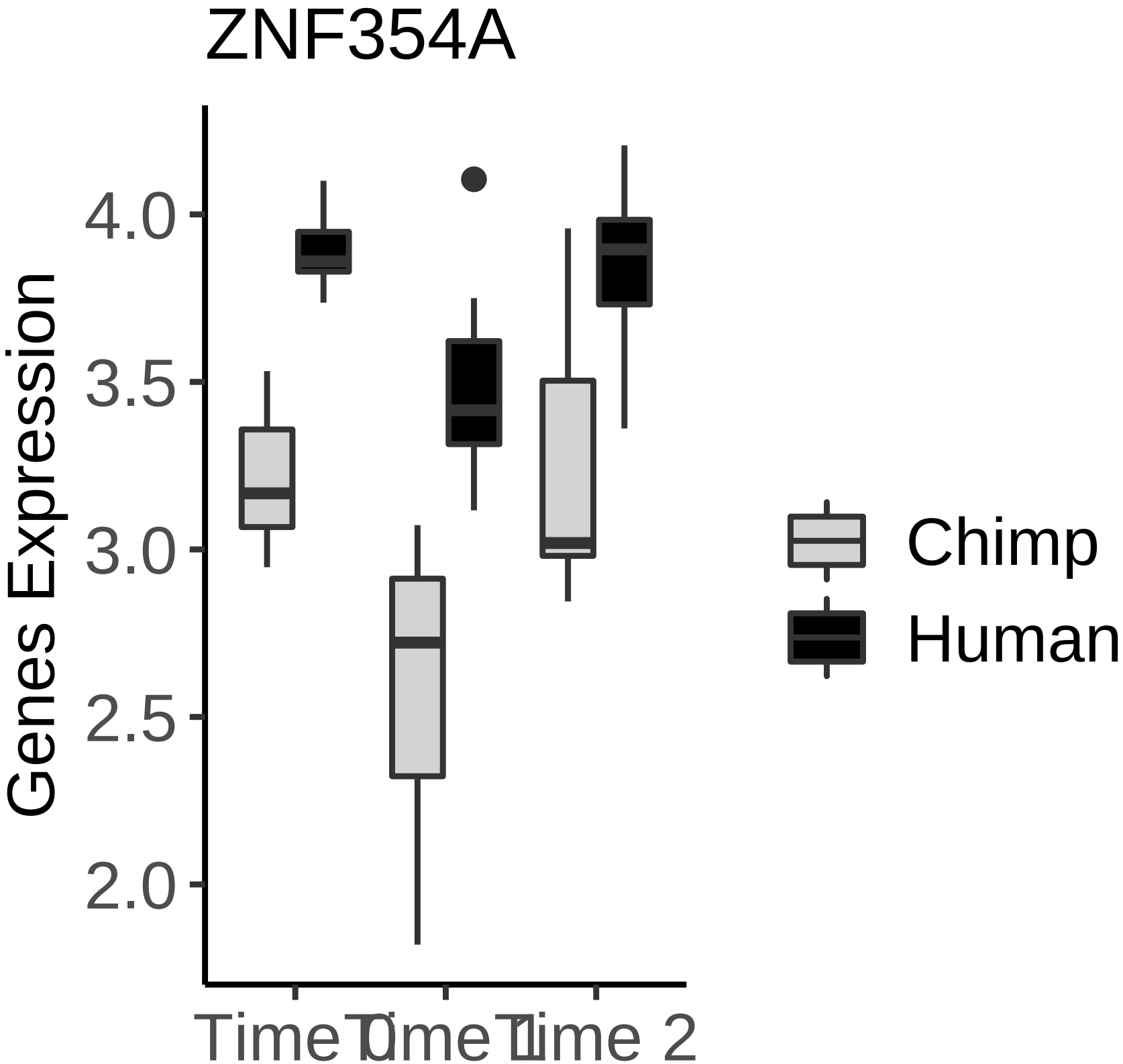

ZNF317
Genes Expression
4.5
4.0
3.5
3.0
2.5
Time 0
Time 1
Time 2
Chimp
Human

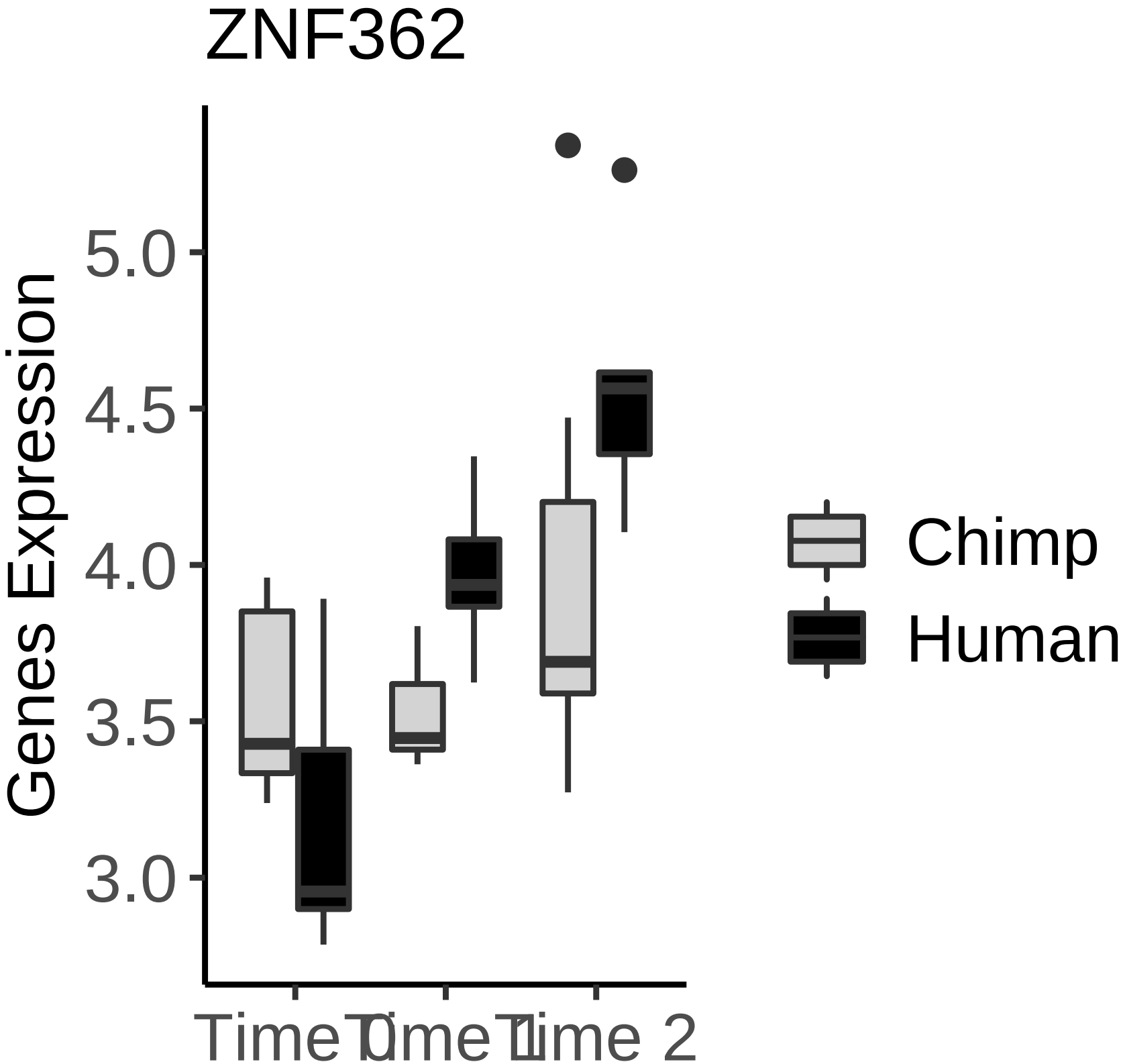

ZNF319
Genes Expression
3
2
1
Time 0
Time 1
Time 2
Chimp
Human

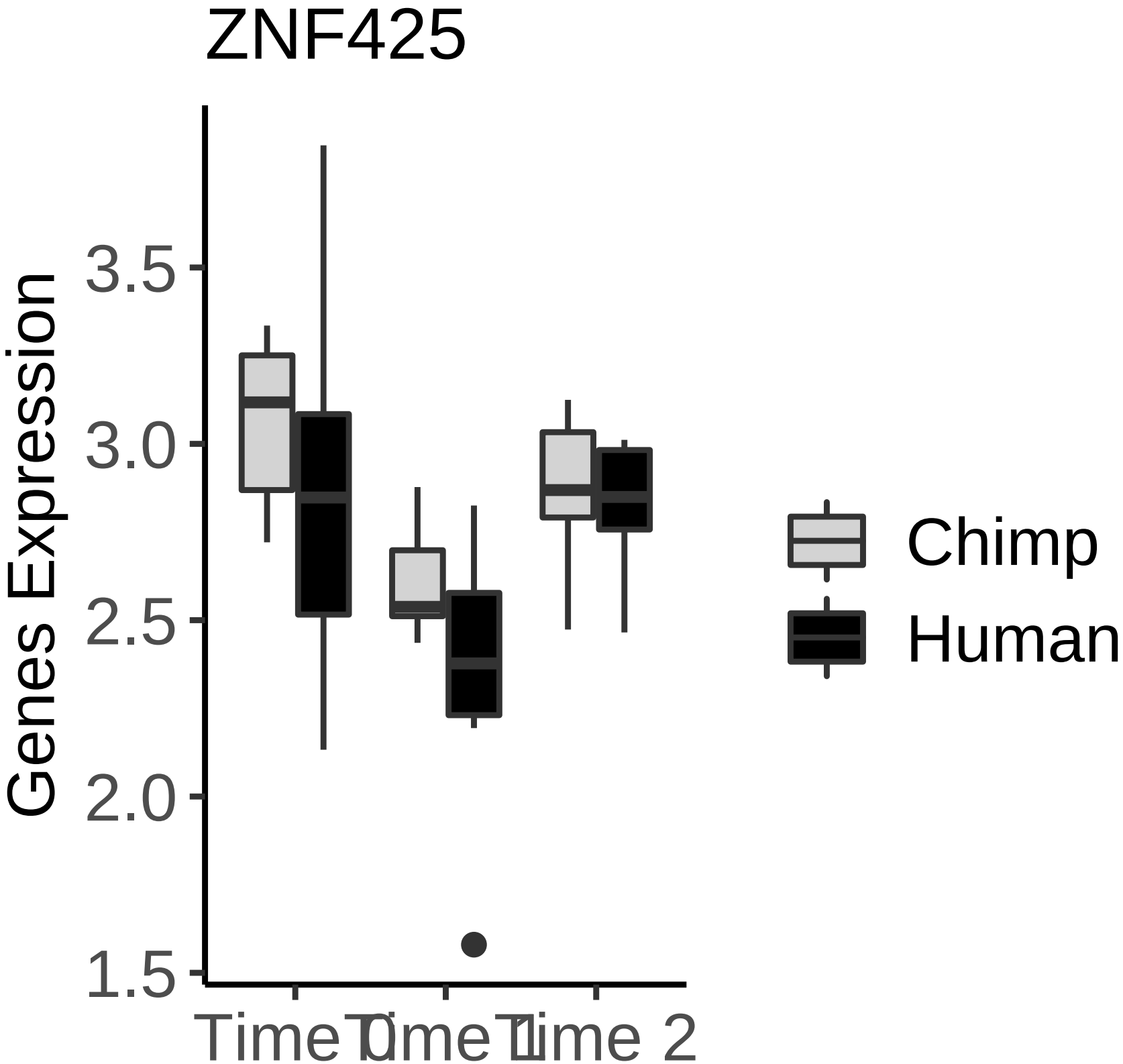

ZNF320
Genes Expression
4.0
3.5
3.0
2.5
Time 0
Time 1
Time 2
Chimp
Human

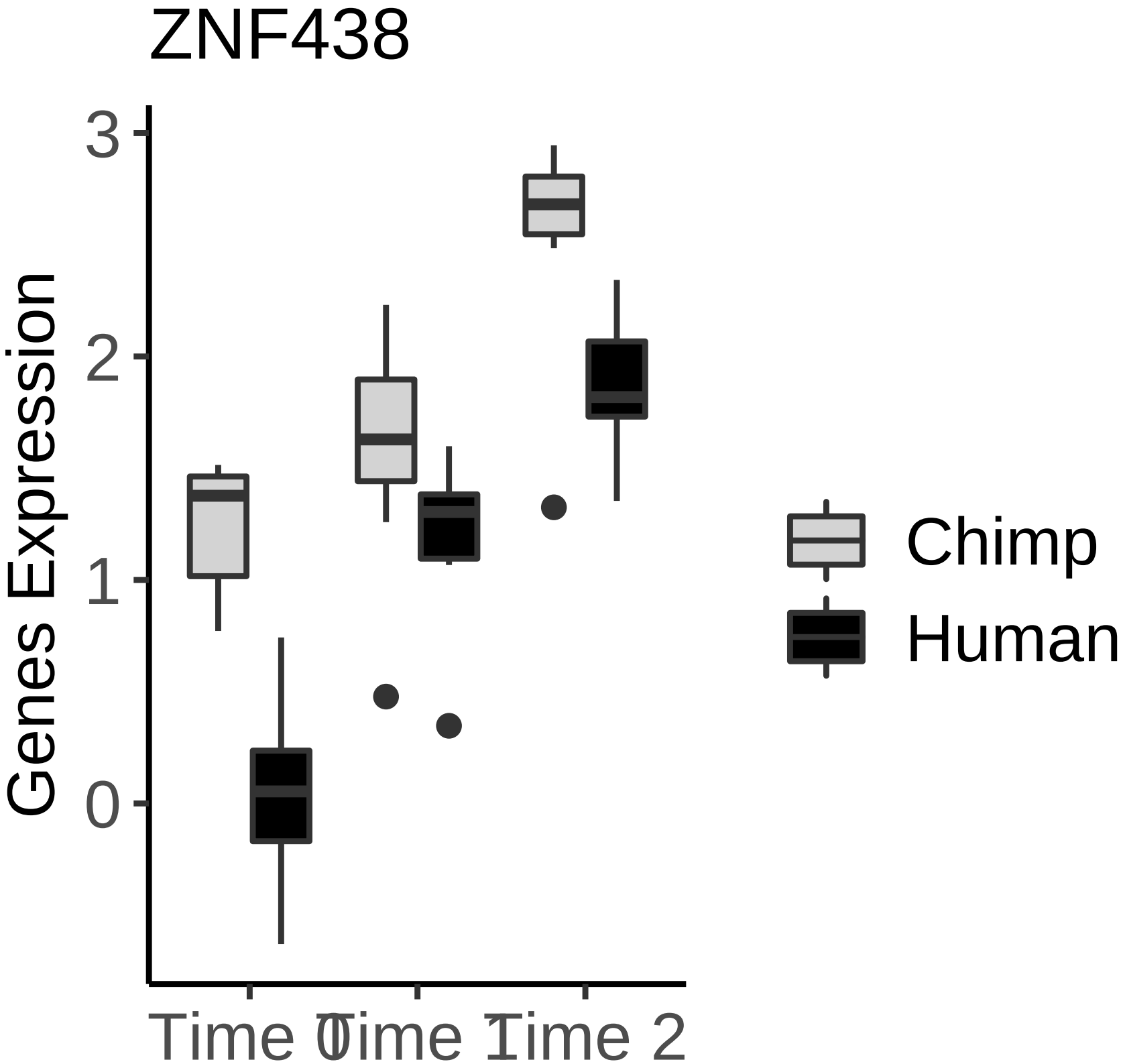

ZNF333
Genes Expression
3
2
1
0
Time 0
Time 1
Time 2
Chimp
Human

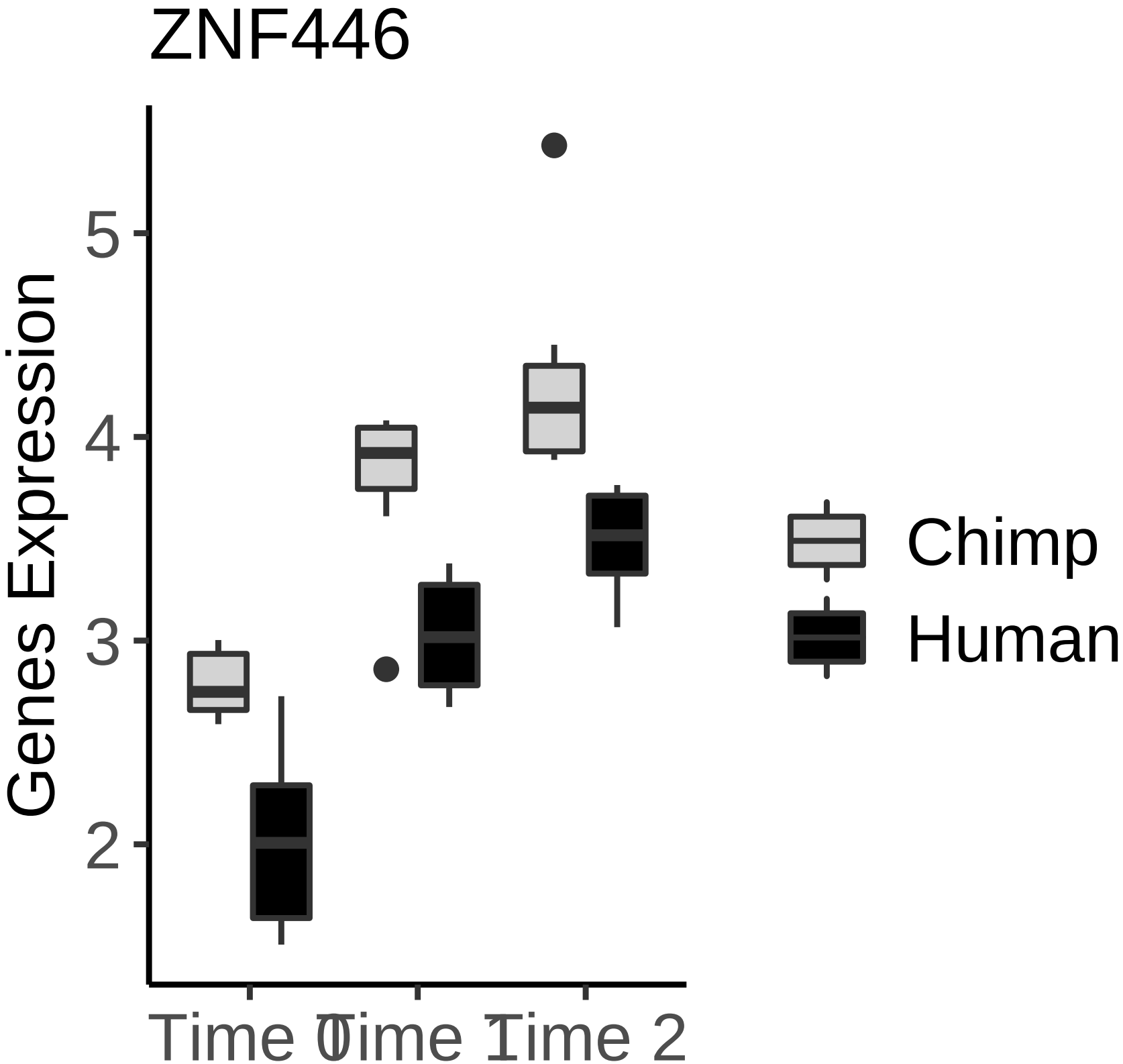

ZNF337
Genes Expression
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human

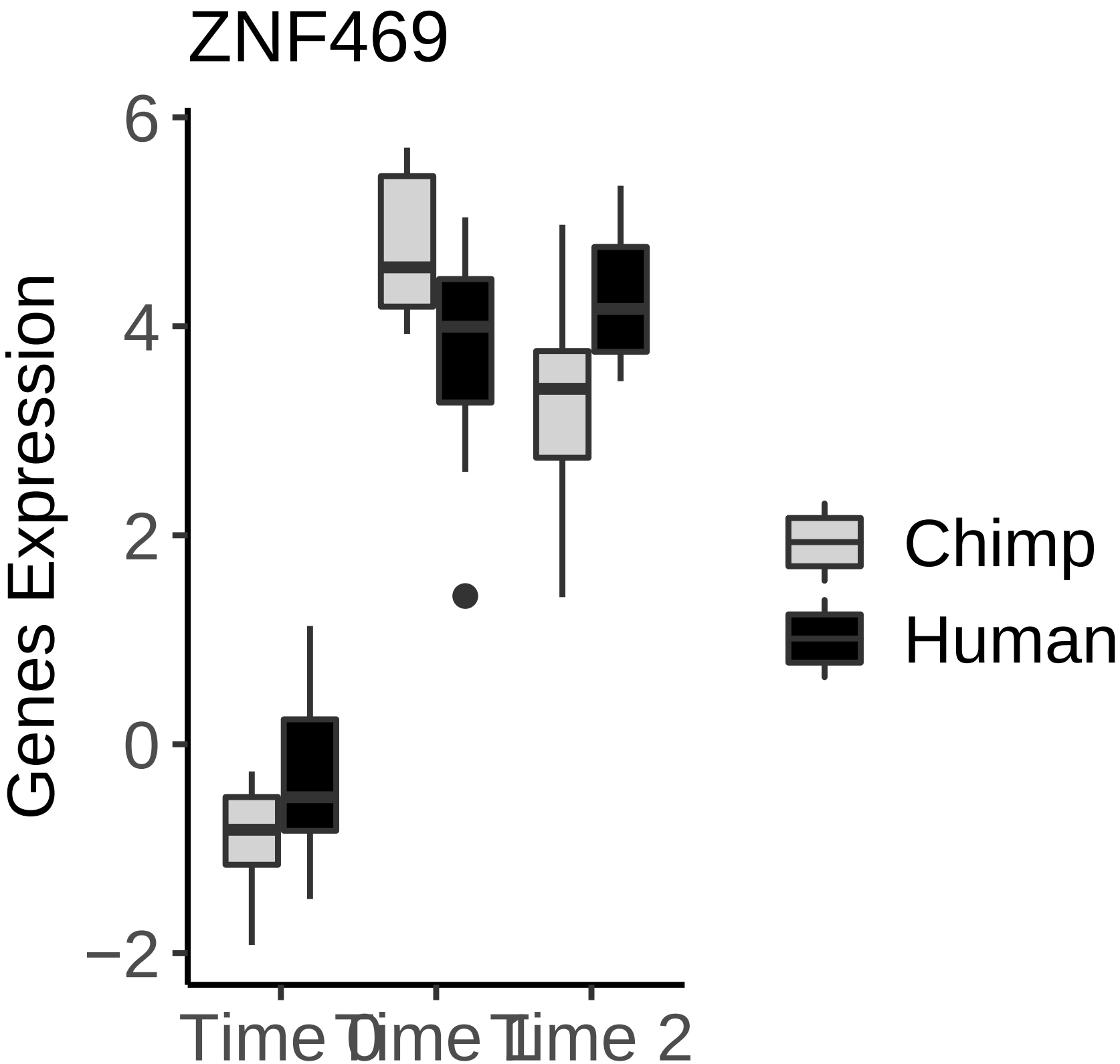

ZNF354A
Genes Expression
4.0
3.5
3.0
2.5
2.0
Time 0
Time 1
Time 2
Chimp
Human

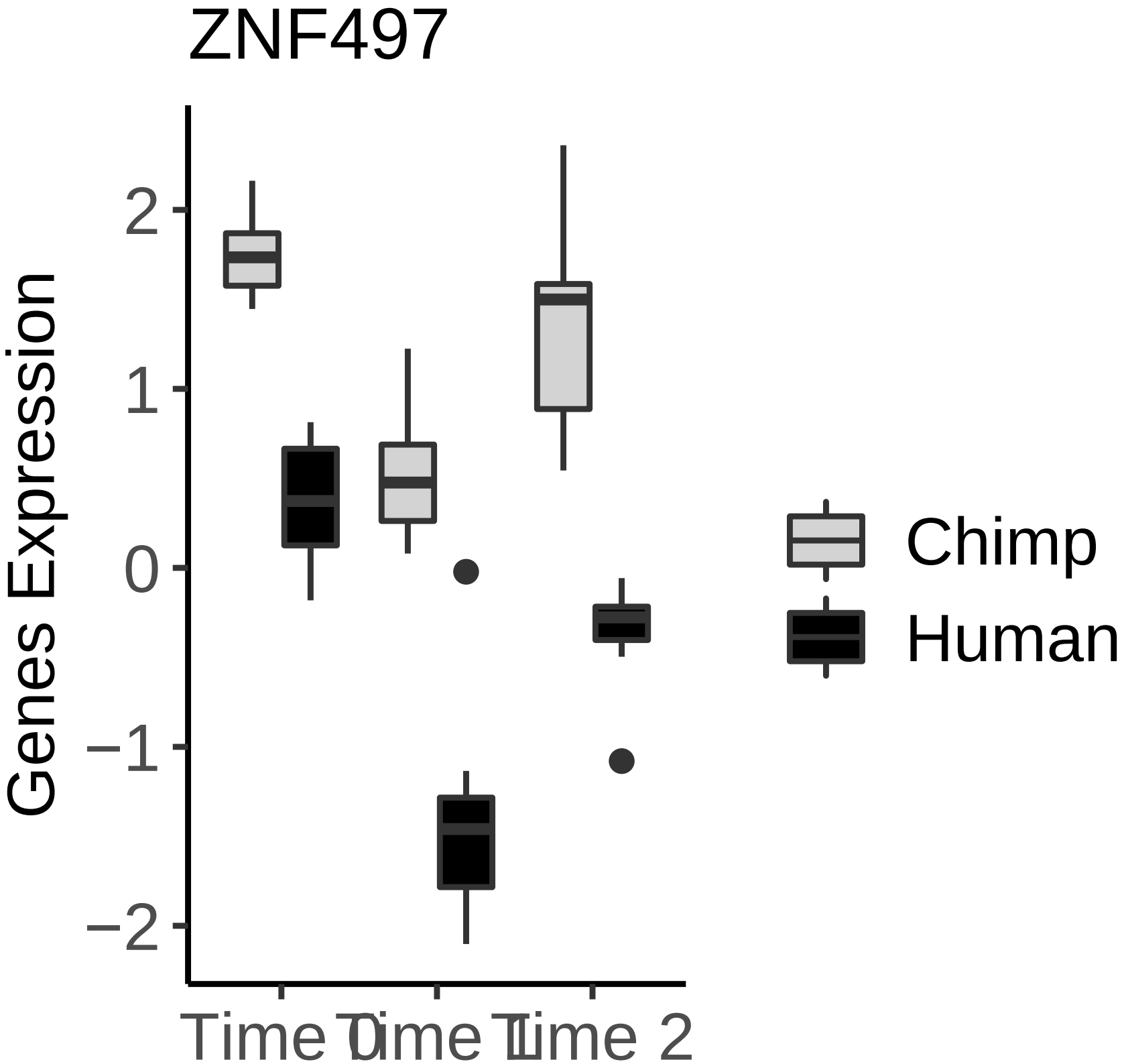

ZNF362
Genes Expression
5.0
4.5
4.0
3.5
3.0
Time 0
Time 1
Time 2
Chimp
Human

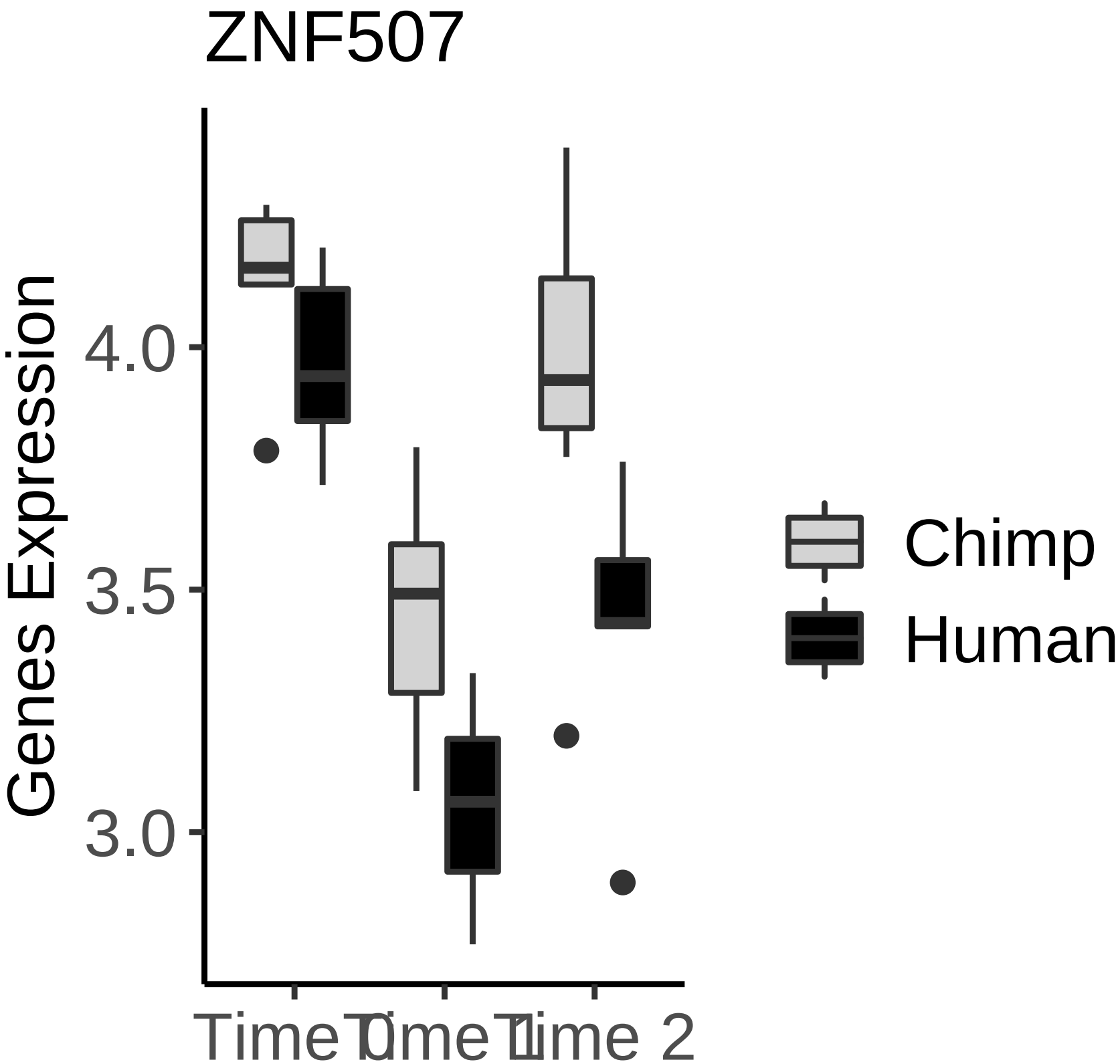

ZNF425
Genes Expression
3.5
3.0
2.5
2.0
1.5
Time 0
Time 1
Time 2
Chimp
Human

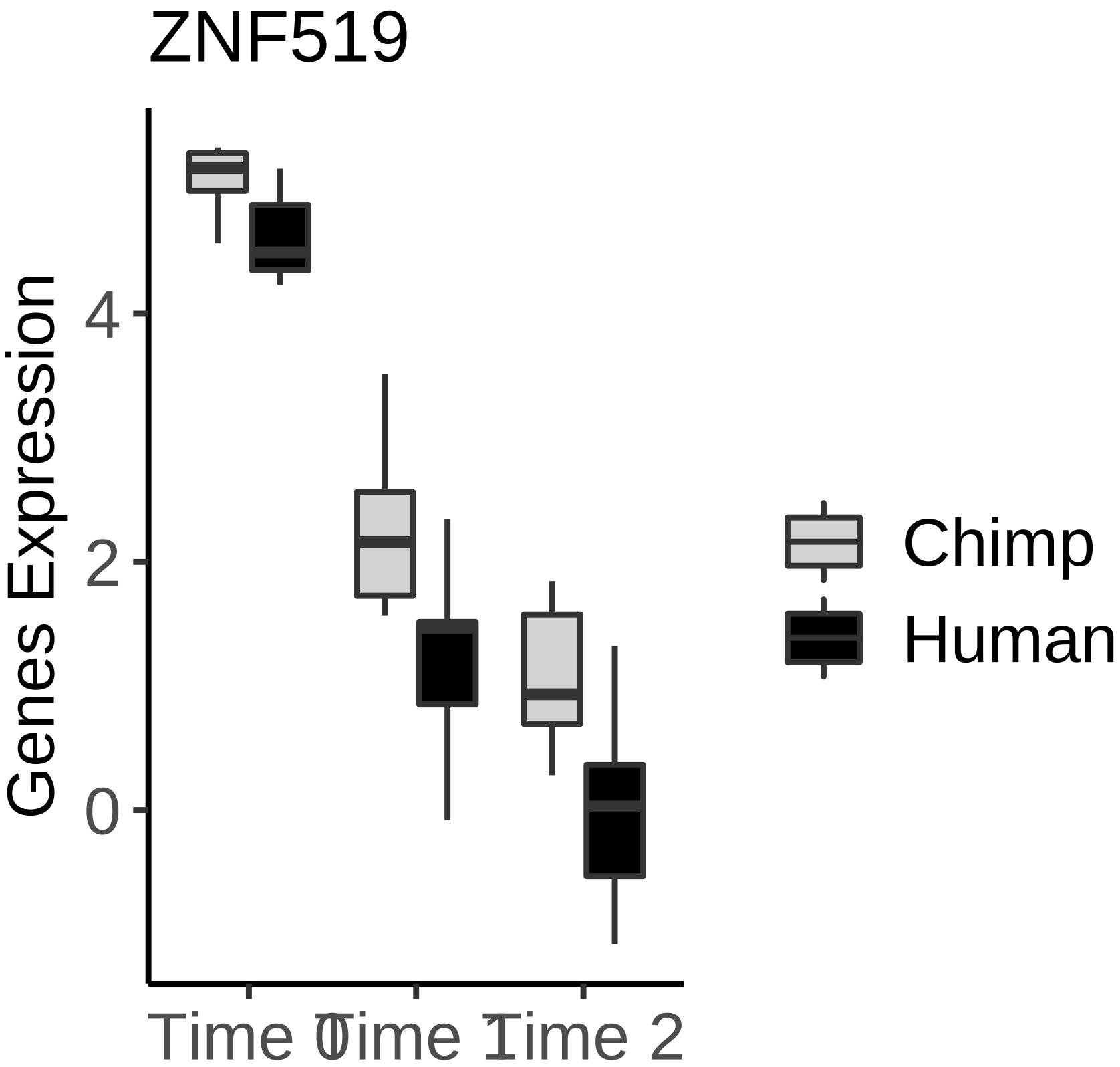

ZNF438
Genes Expression
3
2
1
0
Time 0
Time 1
Time 2
Chimp
Human

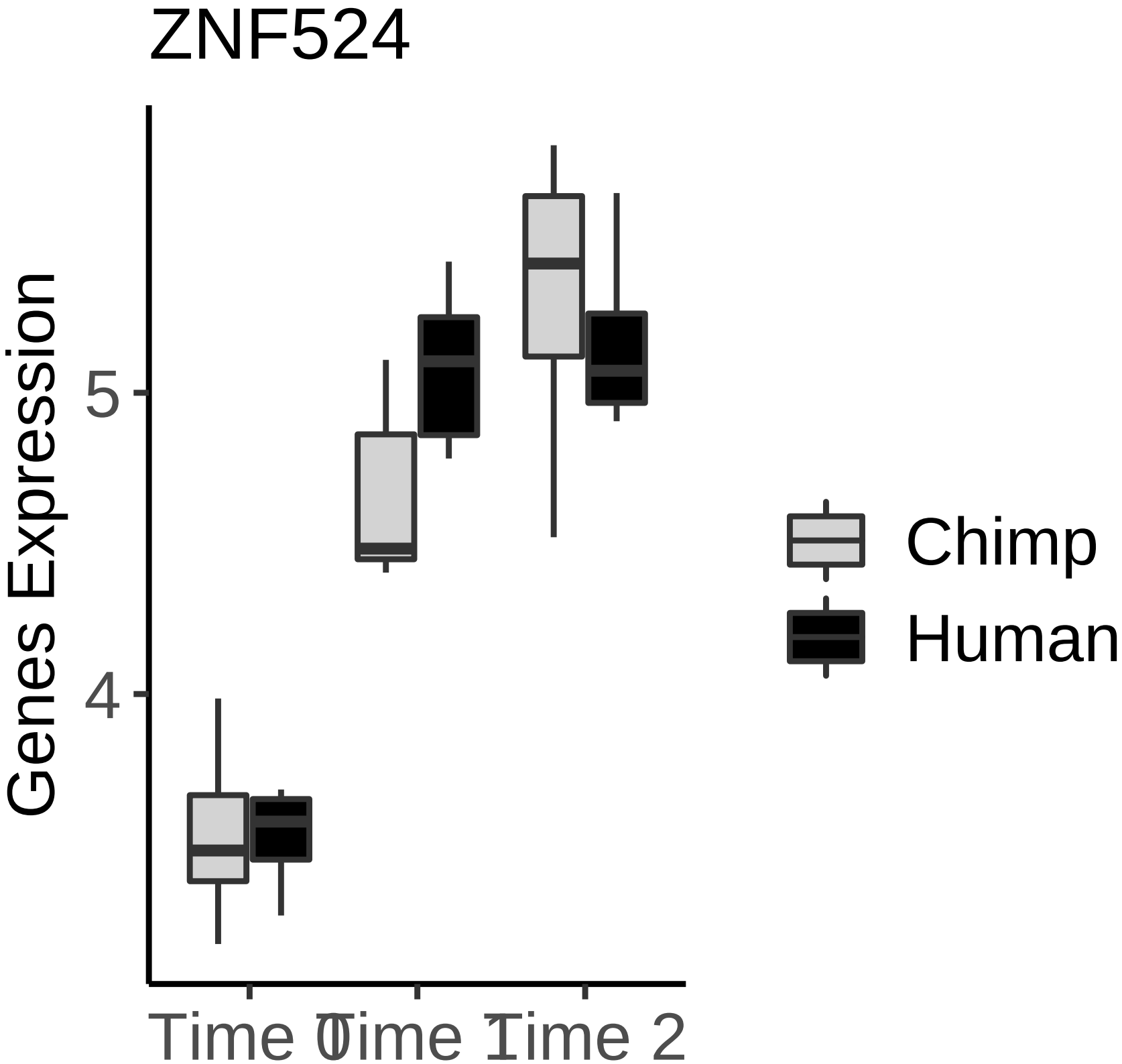

ZNF446
Genes Expression
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human

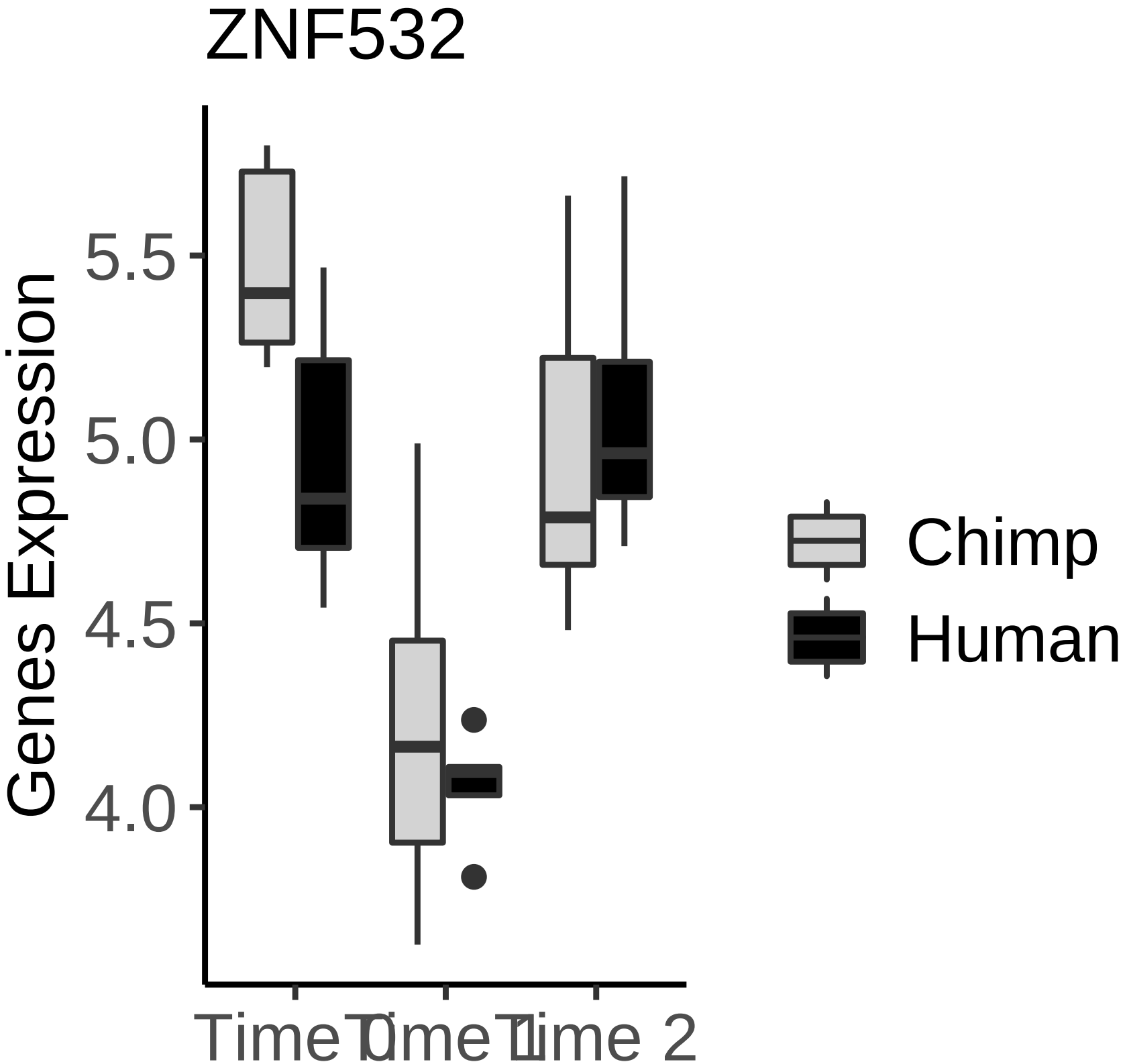

ZNF469
Genes Expression
6
4
2
0
−2
Time 0
Time 1
Time 2
Chimp
Human

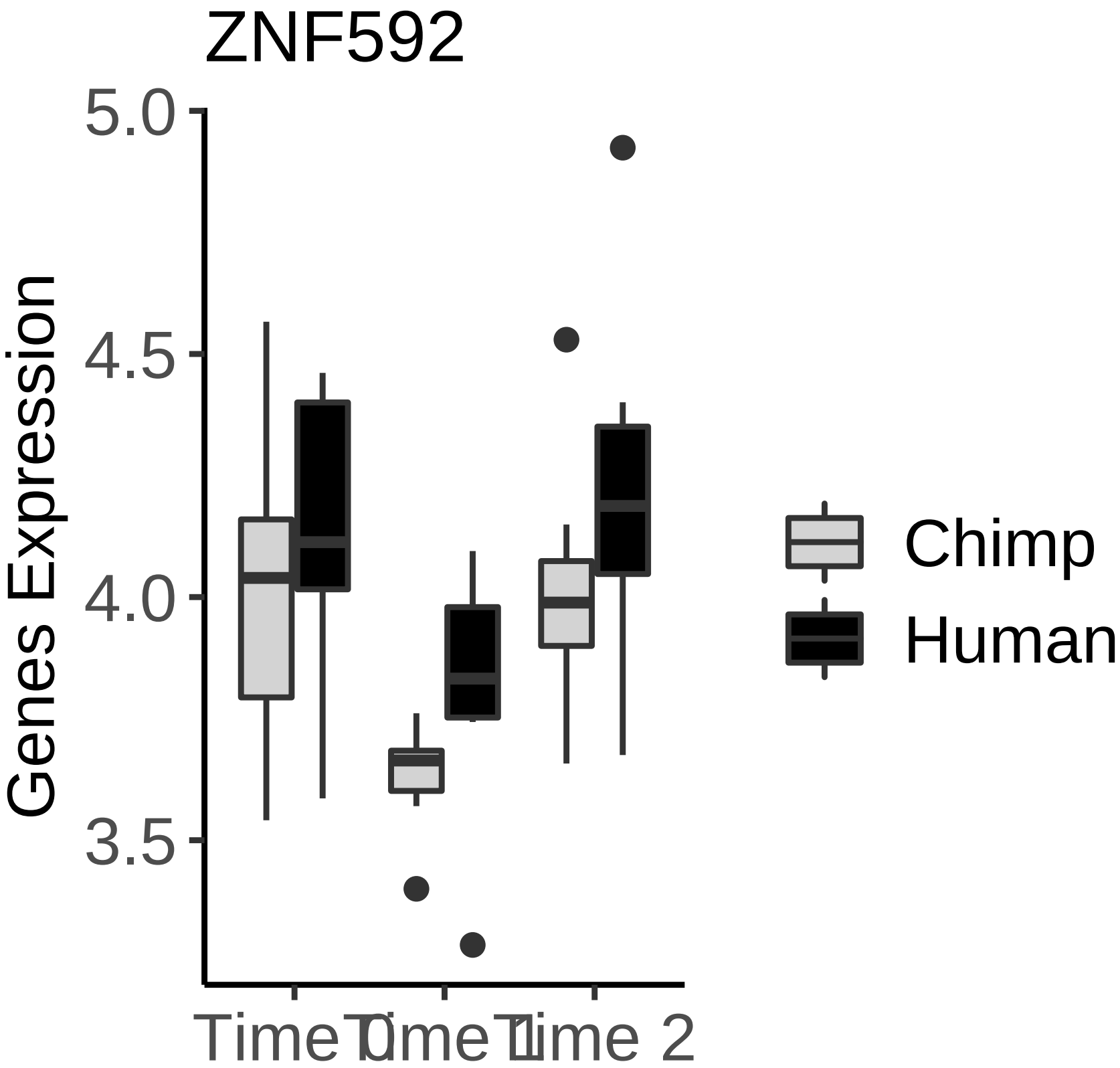

ZNF497
Genes Expression
2
1
0
−1
−2
Time 0
Time 1
Time 2
Chimp
Human


ZNF507
Genes Expression
4.0
3.5
3.0
Time 0
Time 1
Time 2
Chimp
Human


ZNF519
Genes Expression
4
2
0
Time 0
Time 1
Time 2
Chimp
Human


ZNF524
Genes Expression
5
4
Time 0
Time 1
Time 2
Chimp
Human


ZNF532
Genes Expression
5.5
5.0
4.5
4.0
Time 0
Time 1
Time 2
Chimp
Human


ZNF592
5.0
4.5
4.0
3.5
Genes Expression
Time 0
Time 1
Time 2
Chimp
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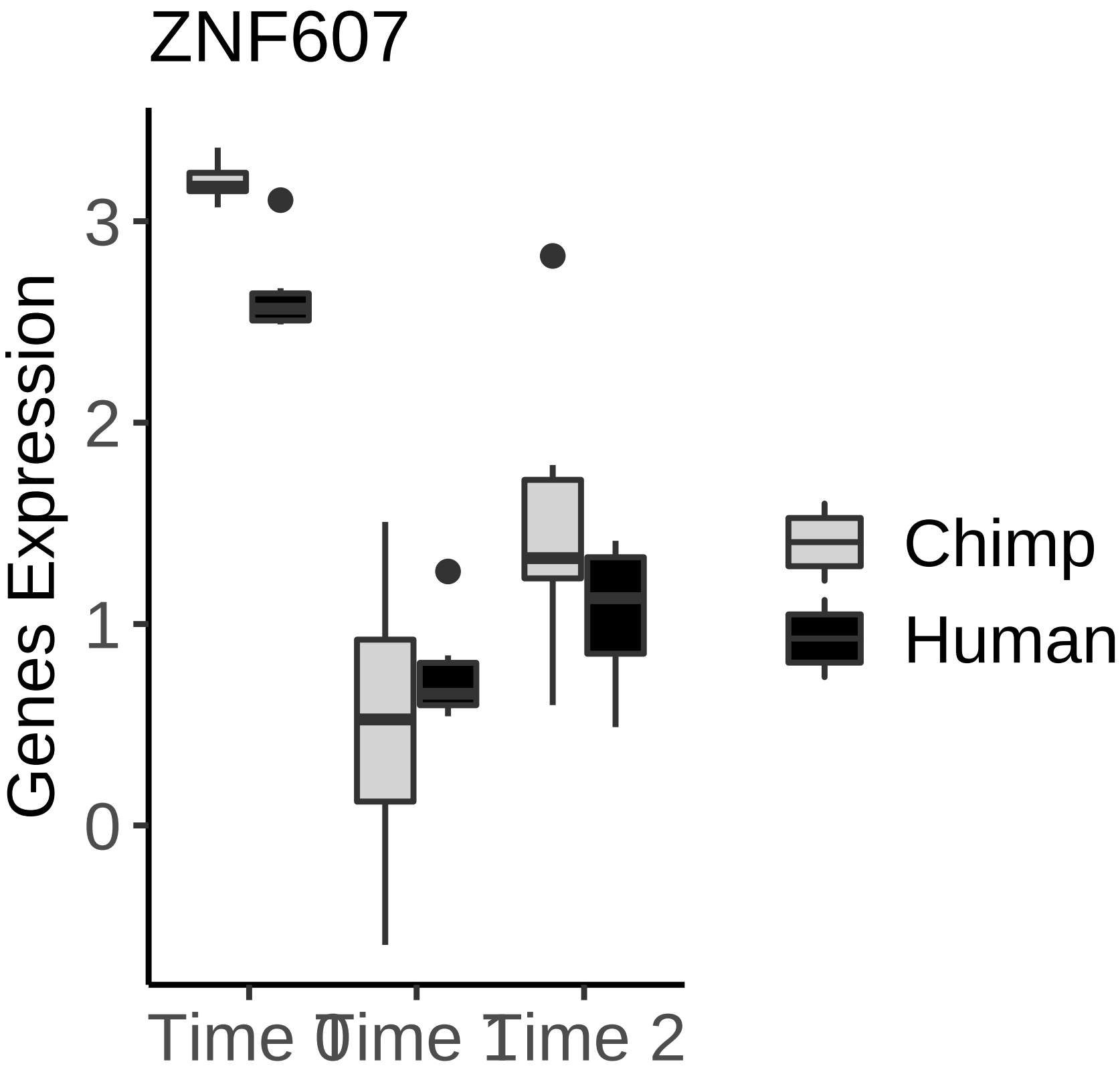
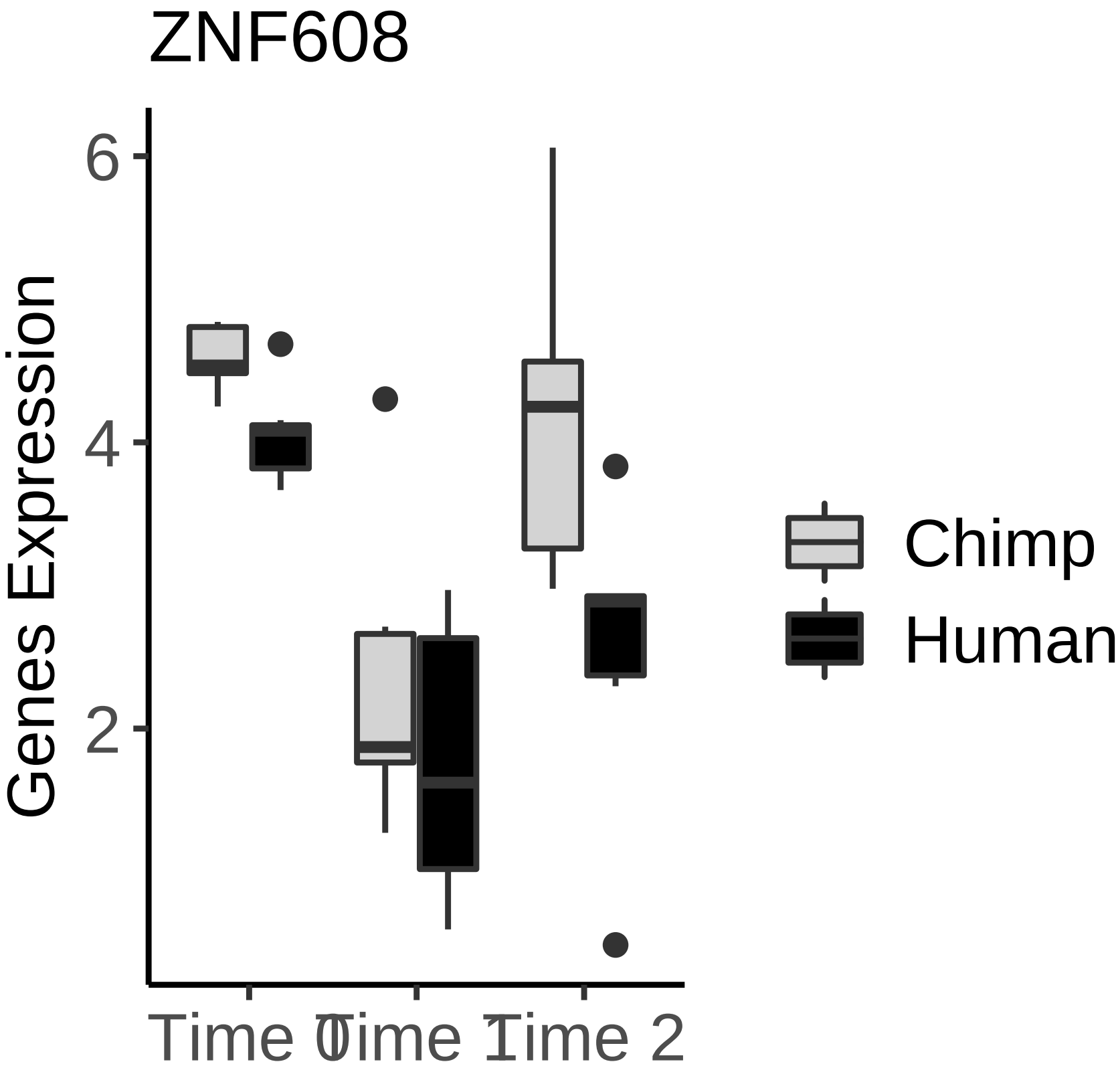
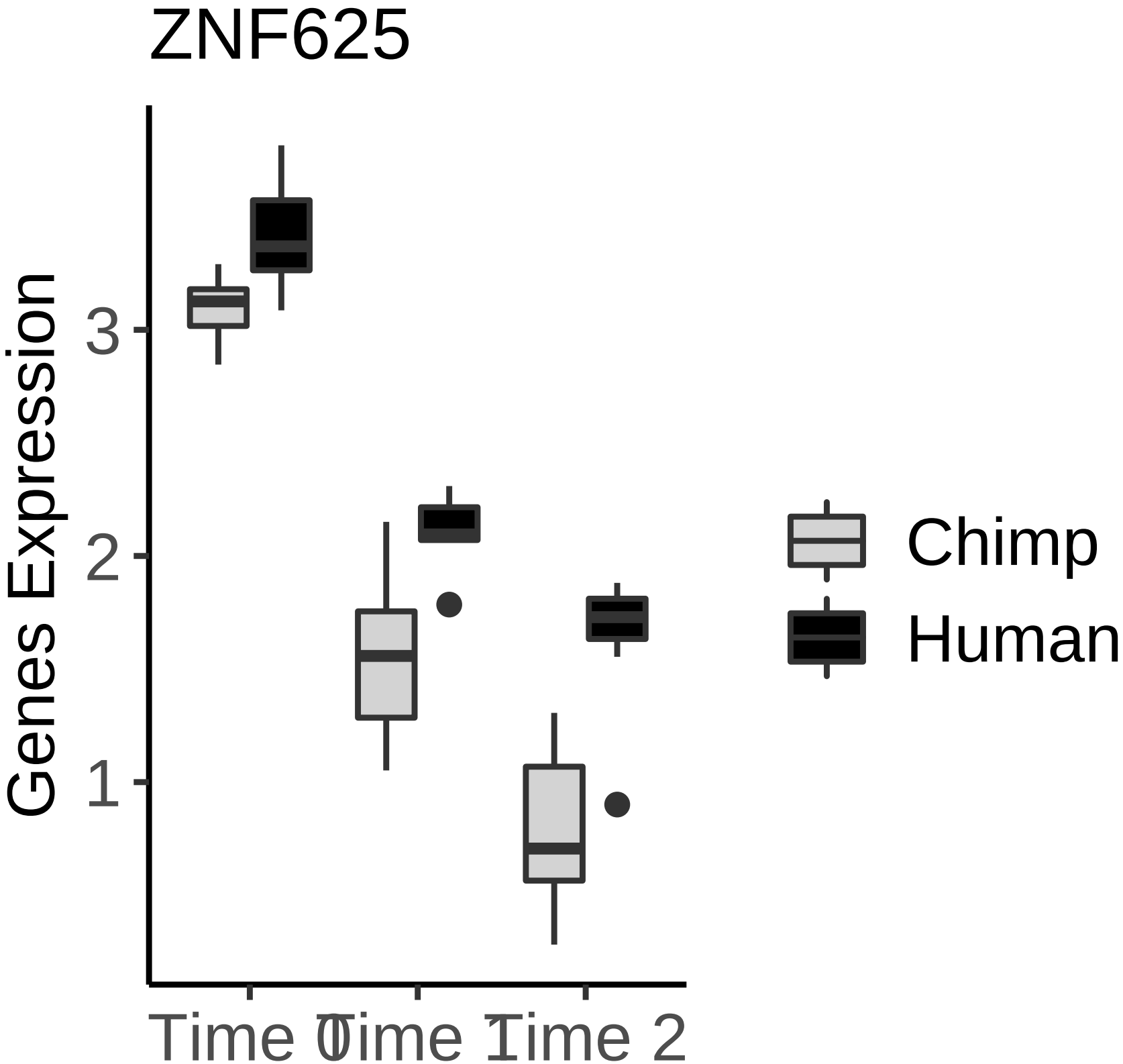

ZNF607
Genes Expression
3
2
1
0
Time 0
Time 1
Time 2
Chimp
Human


ZNF608
Genes Expression
6
4
2
Time 0
Time 1
Time 2
Chimp
Human


ZNF625
Genes Expression
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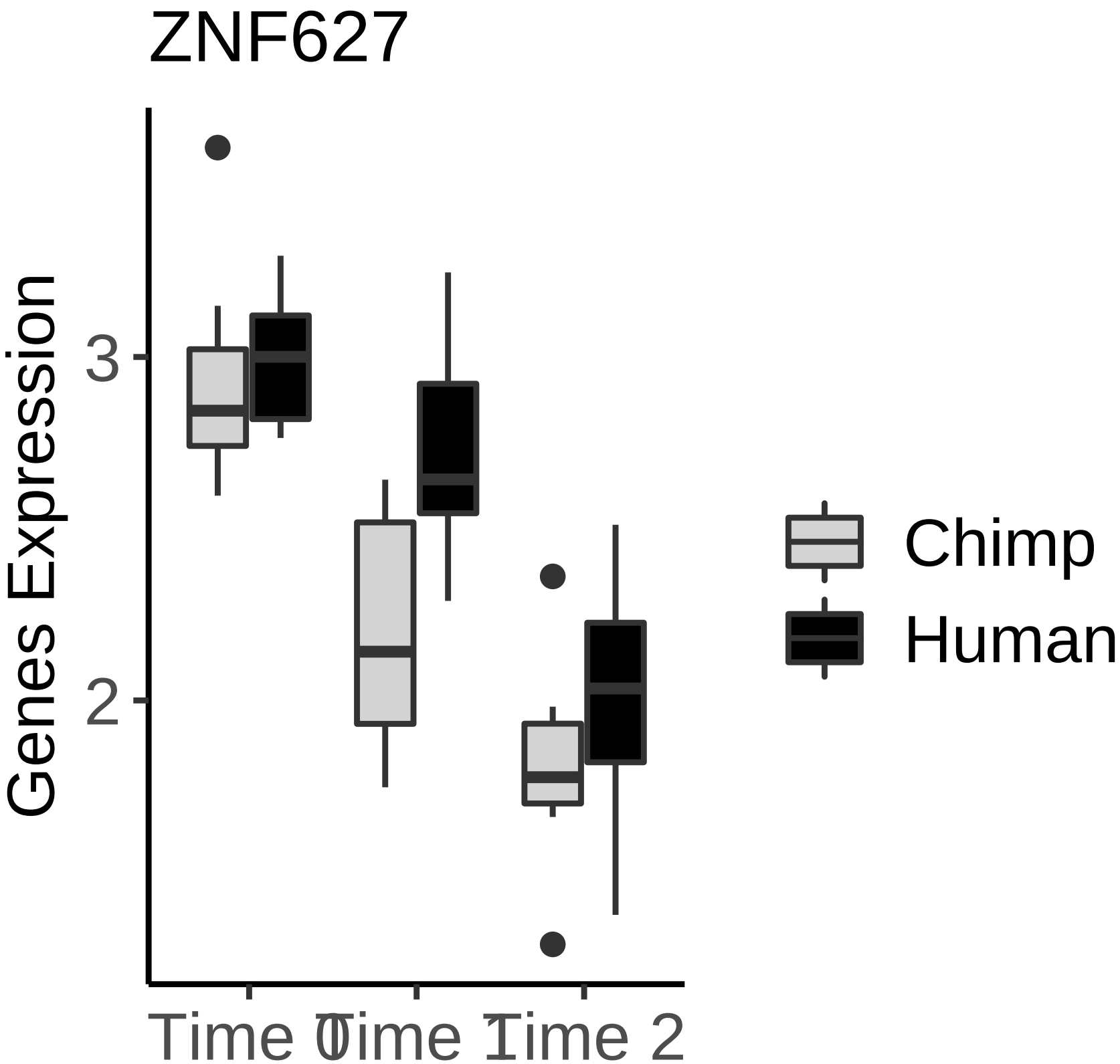
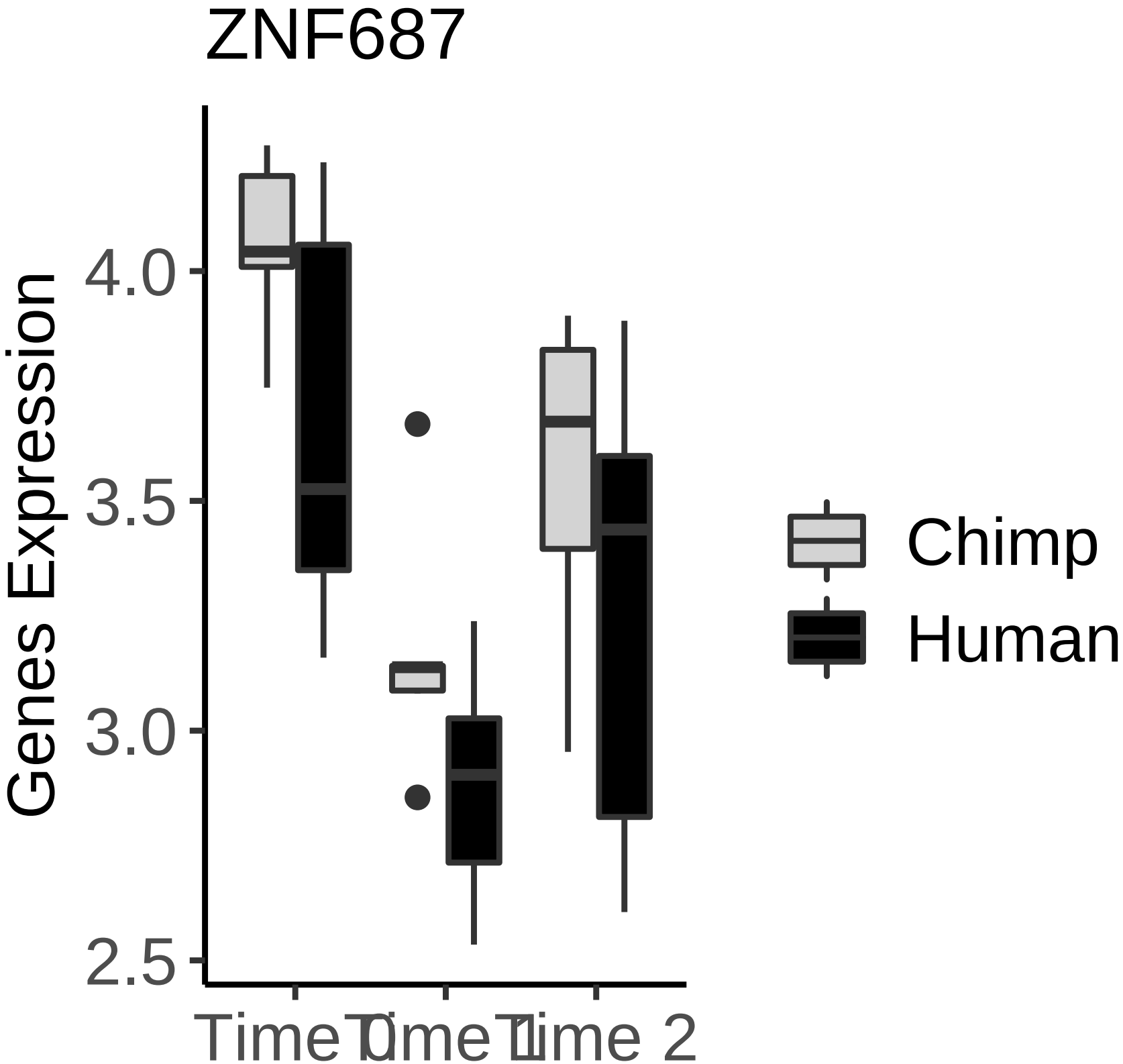
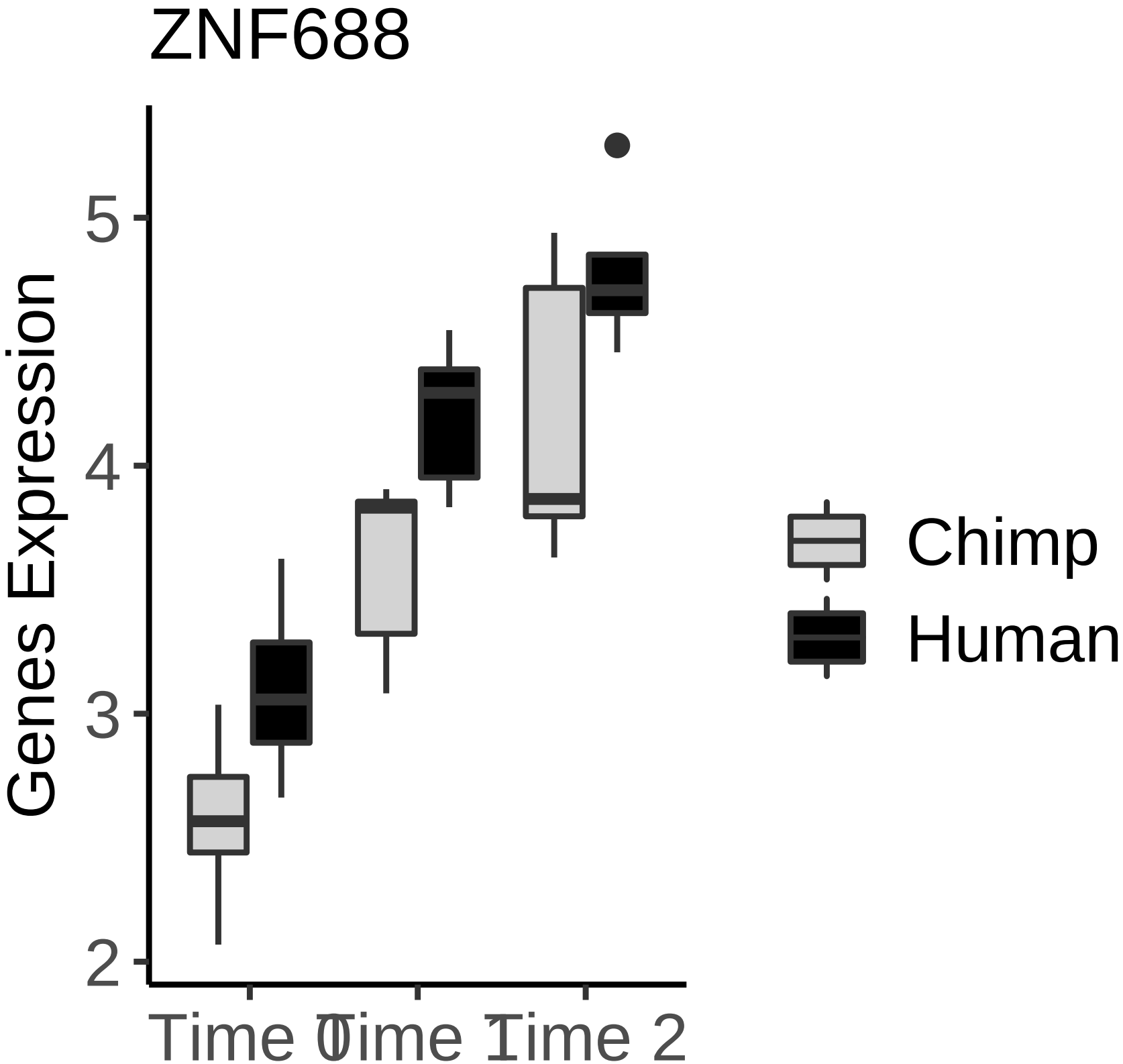
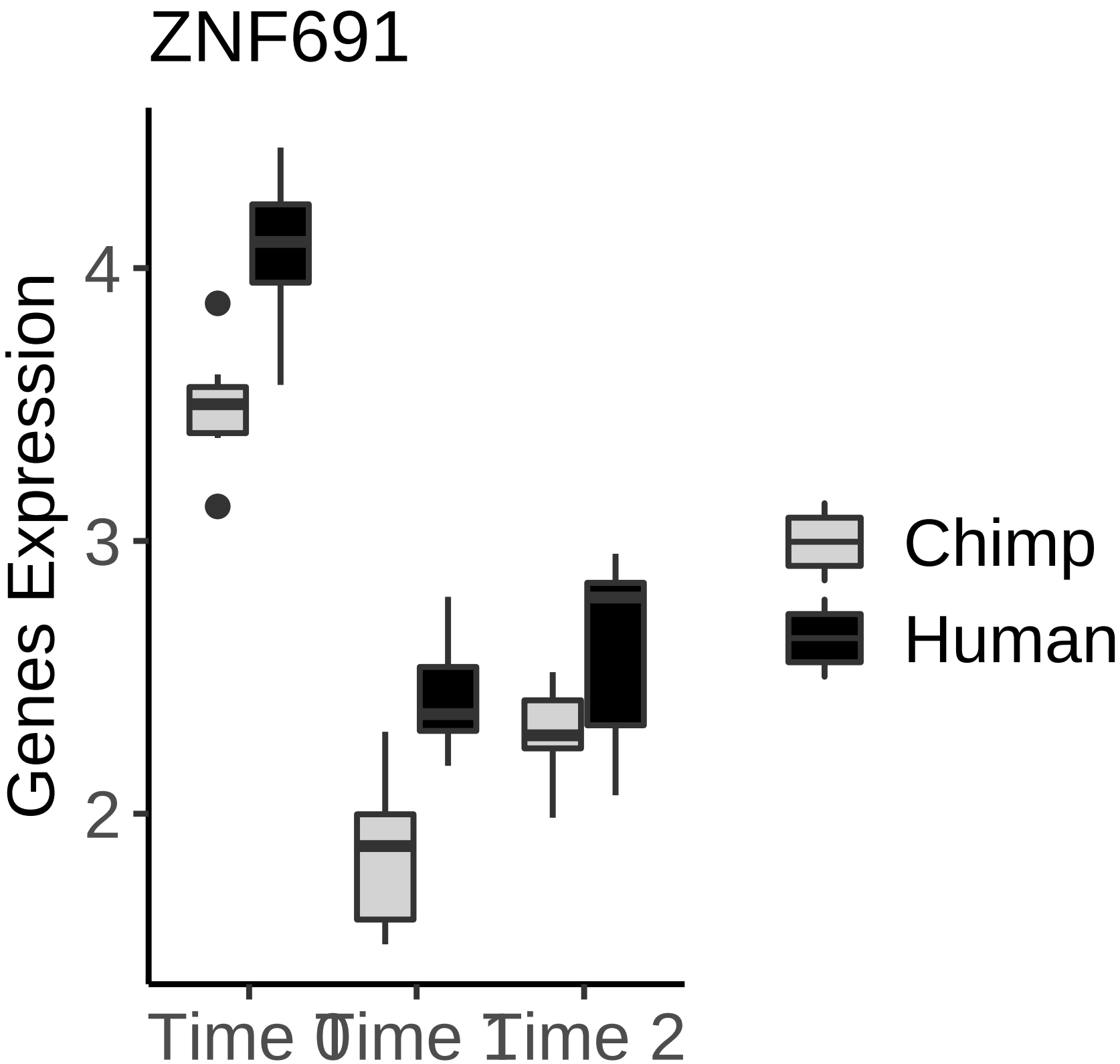
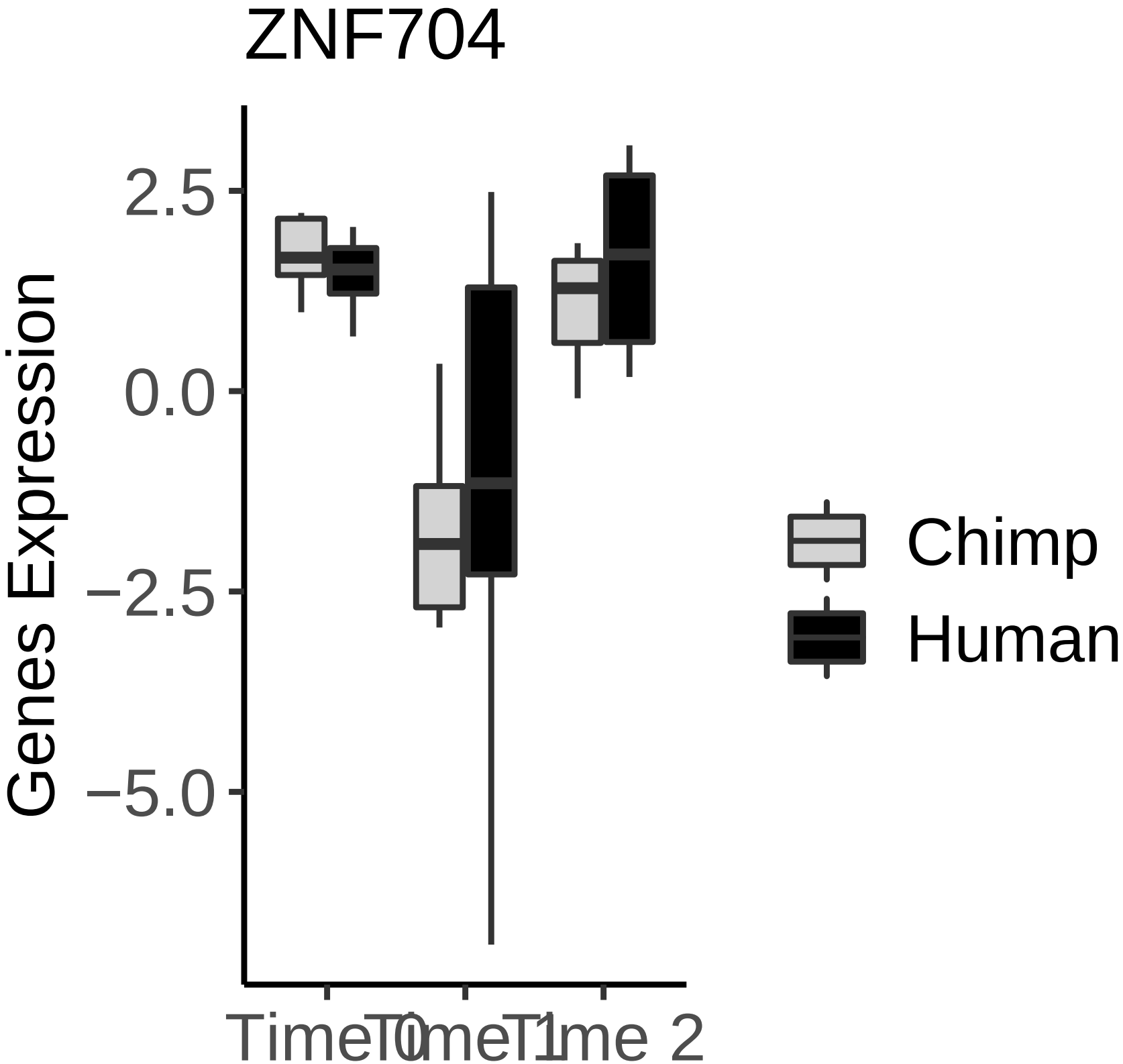
2
1
Time 0
Time 1
Time 2
Chimp
Human


ZNF627
Genes Expression
3
2
Time 0
Time 1
Time 2
Chimp
Human


ZNF687
Genes Expression
4.0
3.5
3.0
2.5
Time 0
Time 1
Time 2
Chimp
Human


ZNF688
Genes Expression
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human


ZNF691
Genes Expression
4
3
2
Time 0
Time 1
Time 2
Chimp
Human


ZNF704
Genes Expression
2.5
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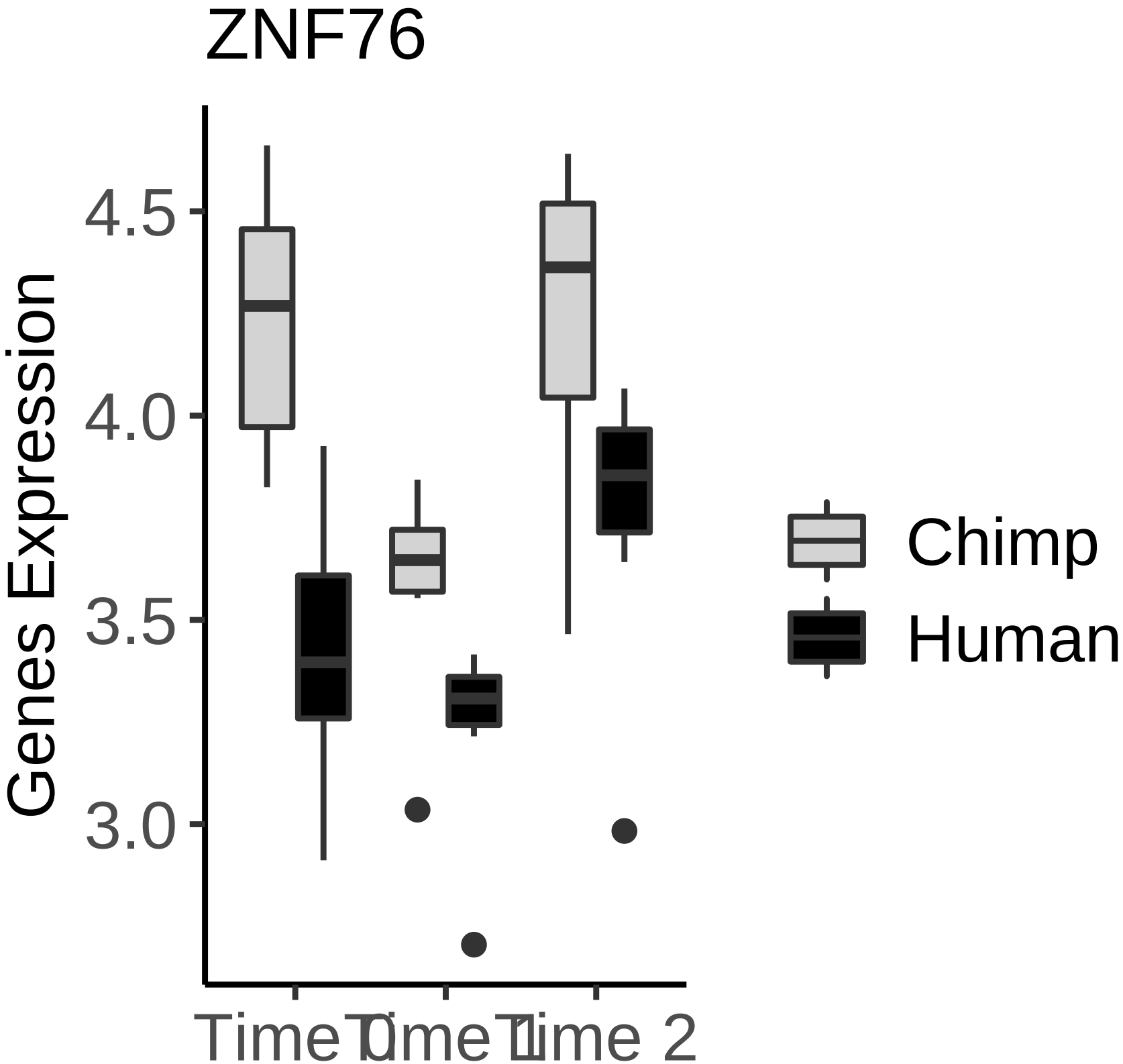
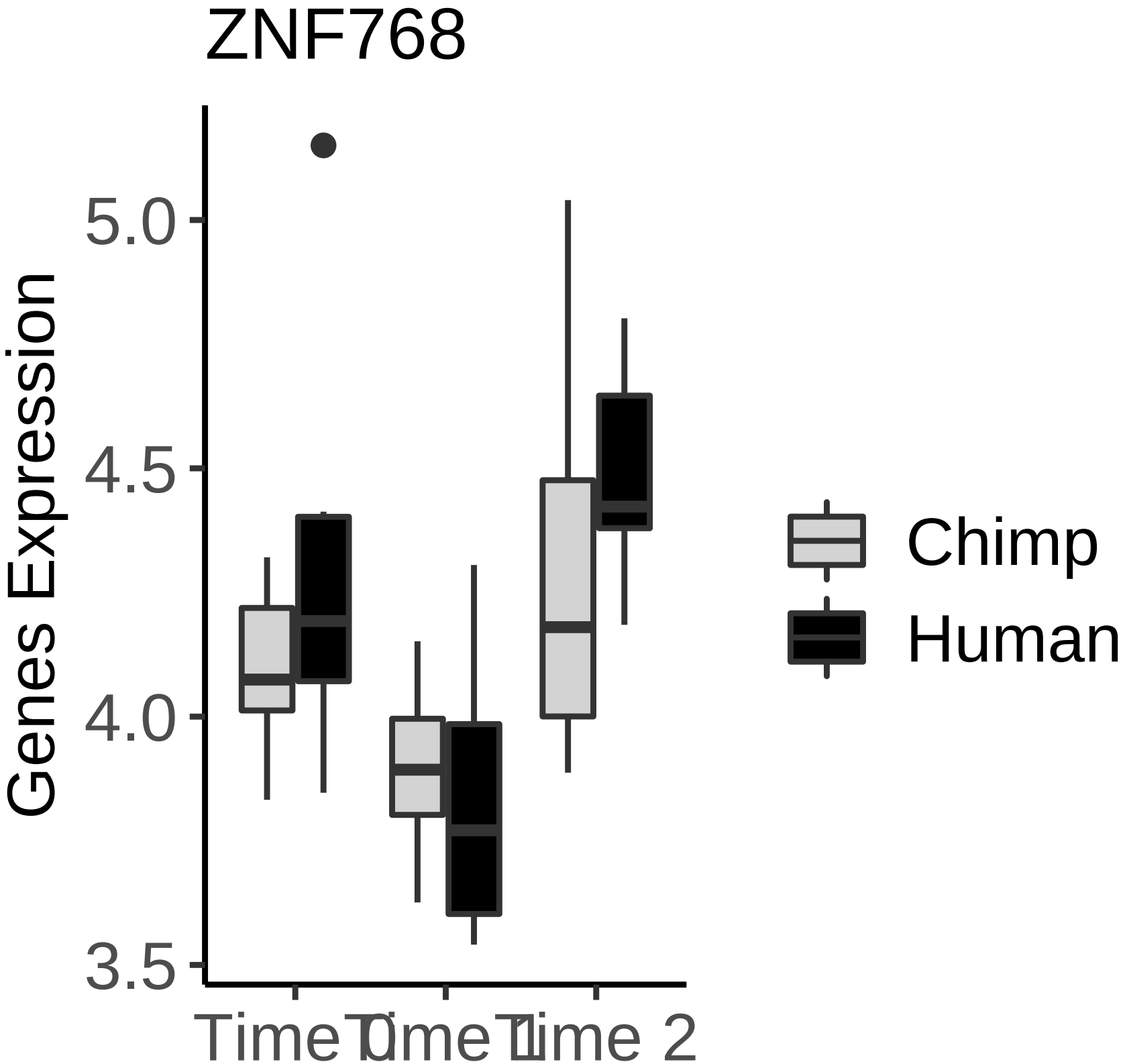
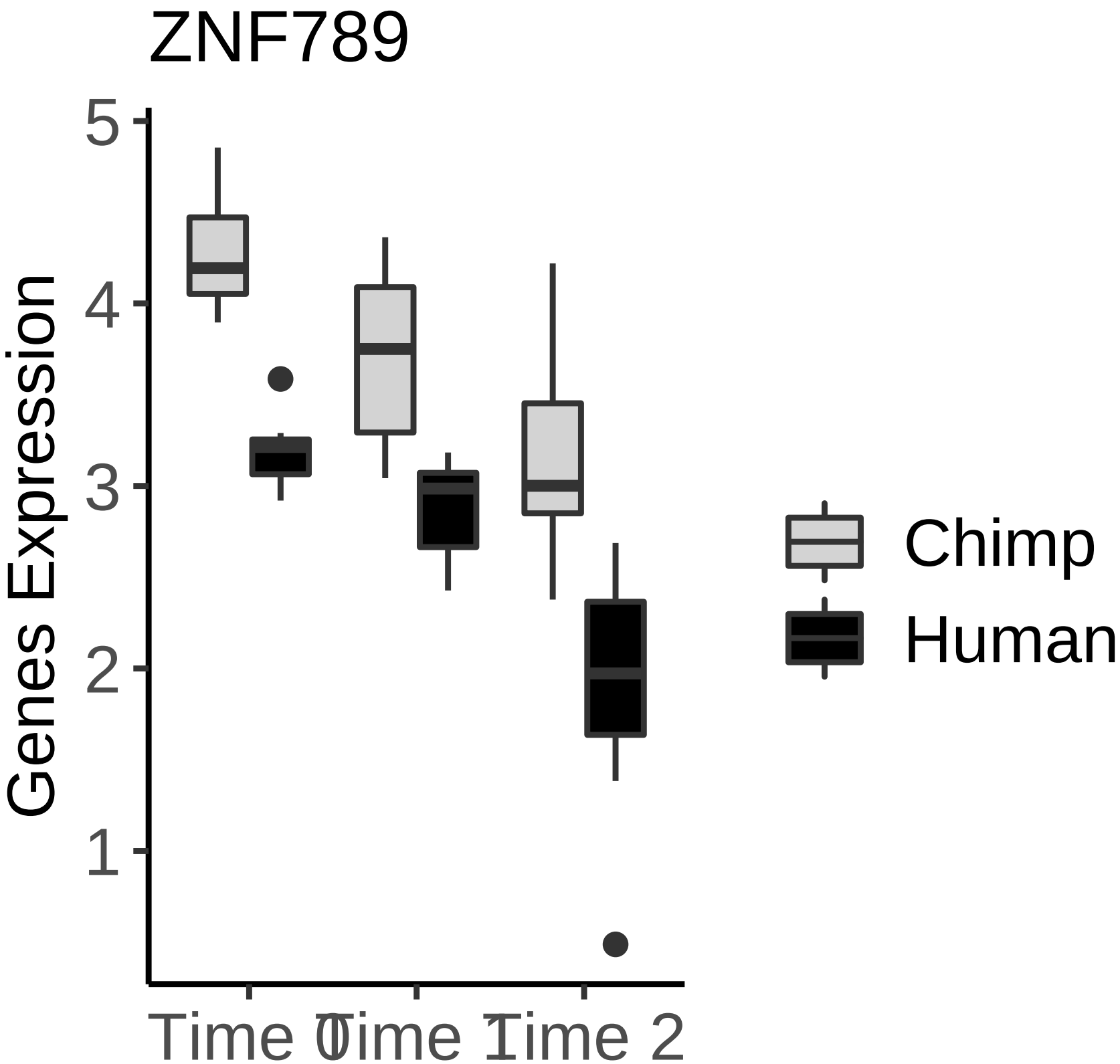
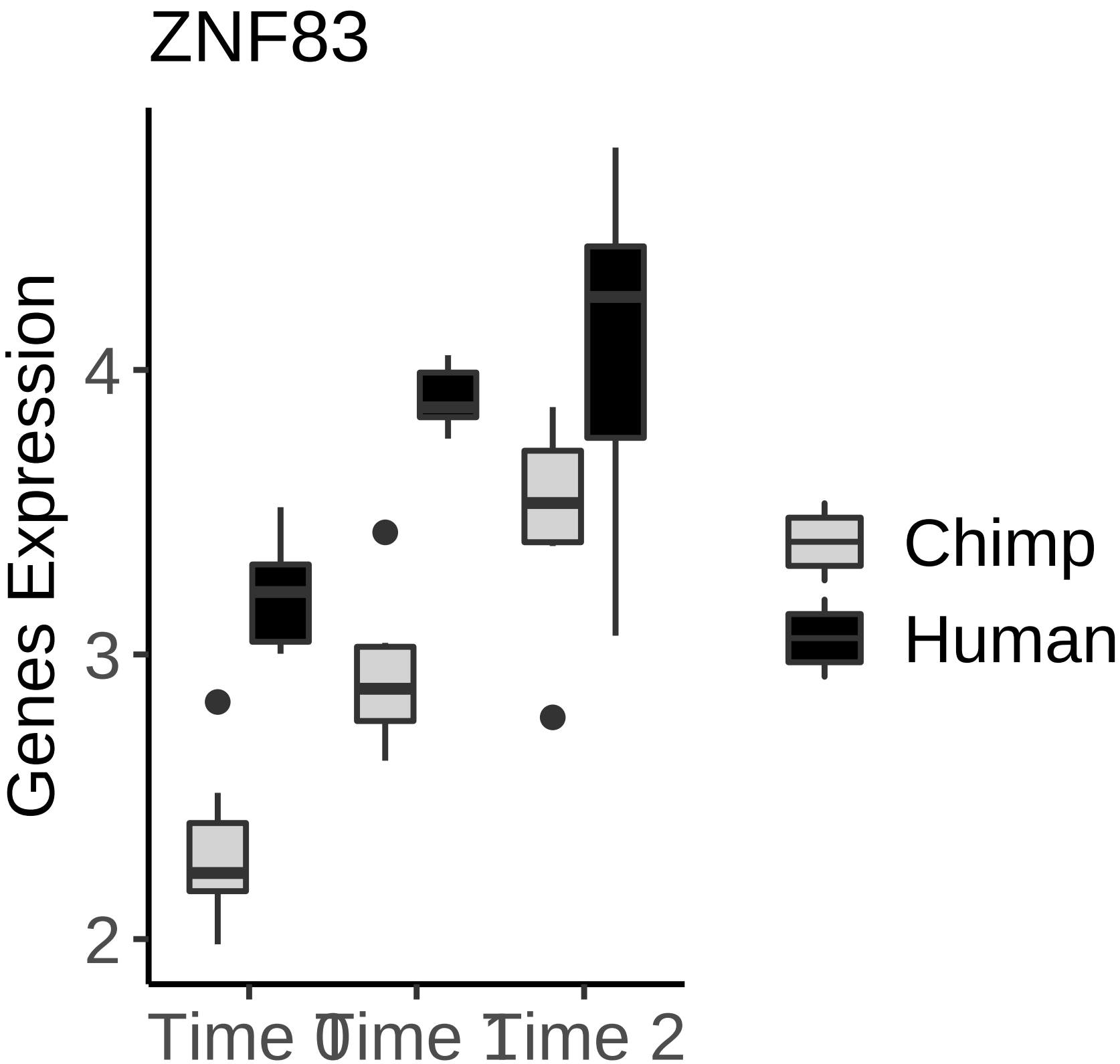
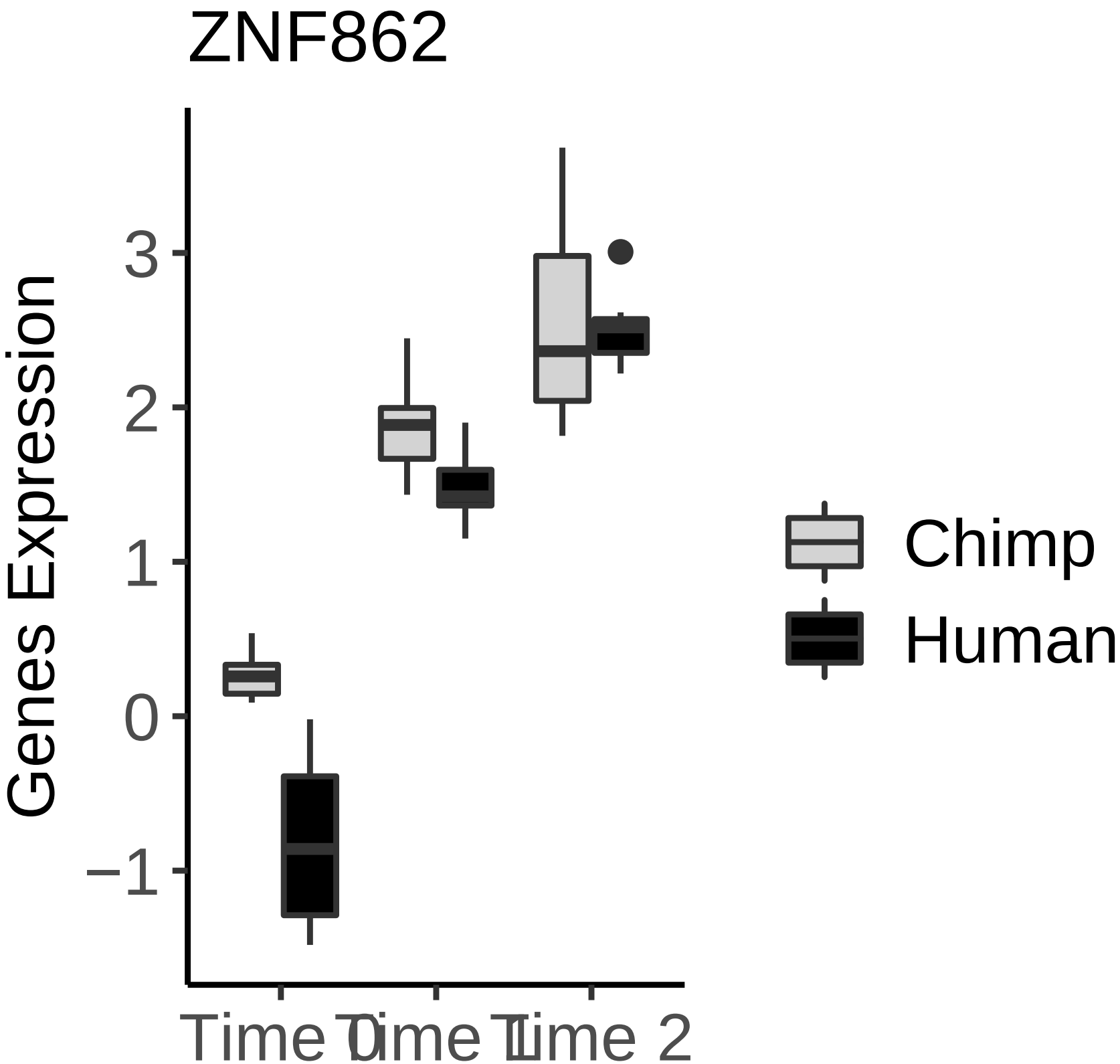
−2.5
−5.0
Time 0
Time 1
Time 2
Chimp
Human

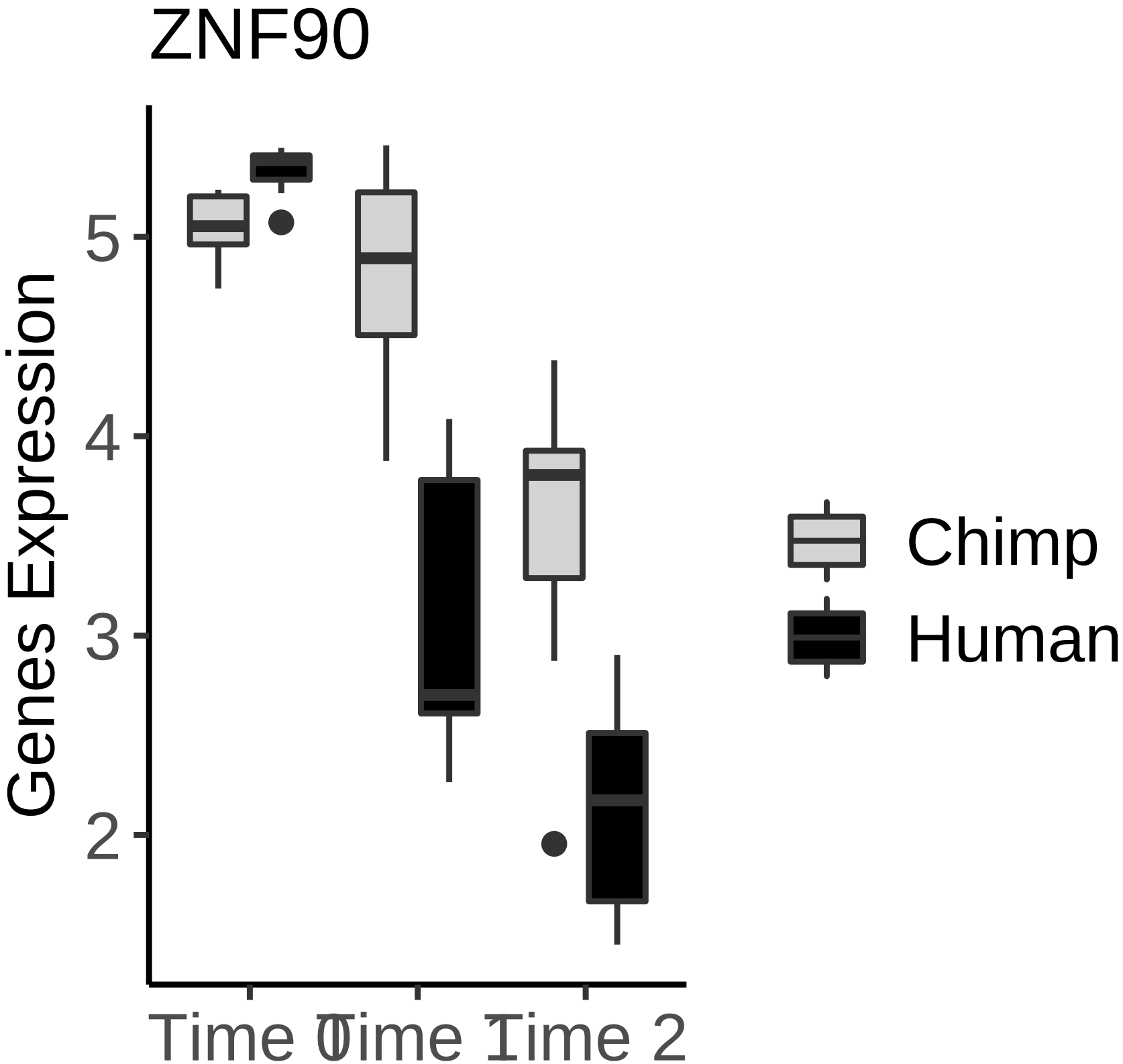

ZNF76
Genes Expression
4.5
4.0
3.5
3.0
Time 0
Time 1
Time 2
Chimp
Human

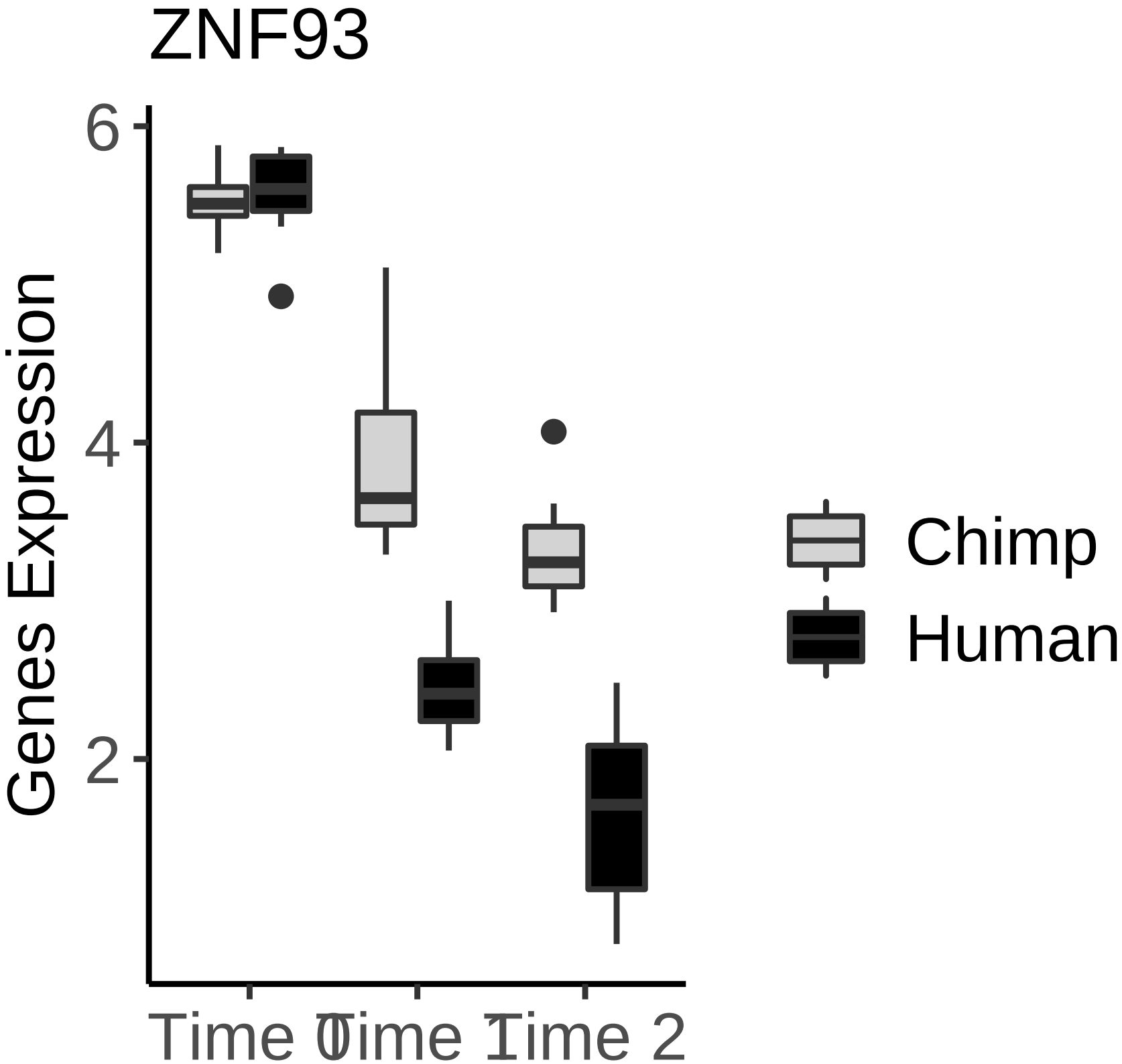

ZNF768
Genes Expression
5.0
4.5
4.0
3.5
Time 0
Time 1
Time 2
Chimp
Human

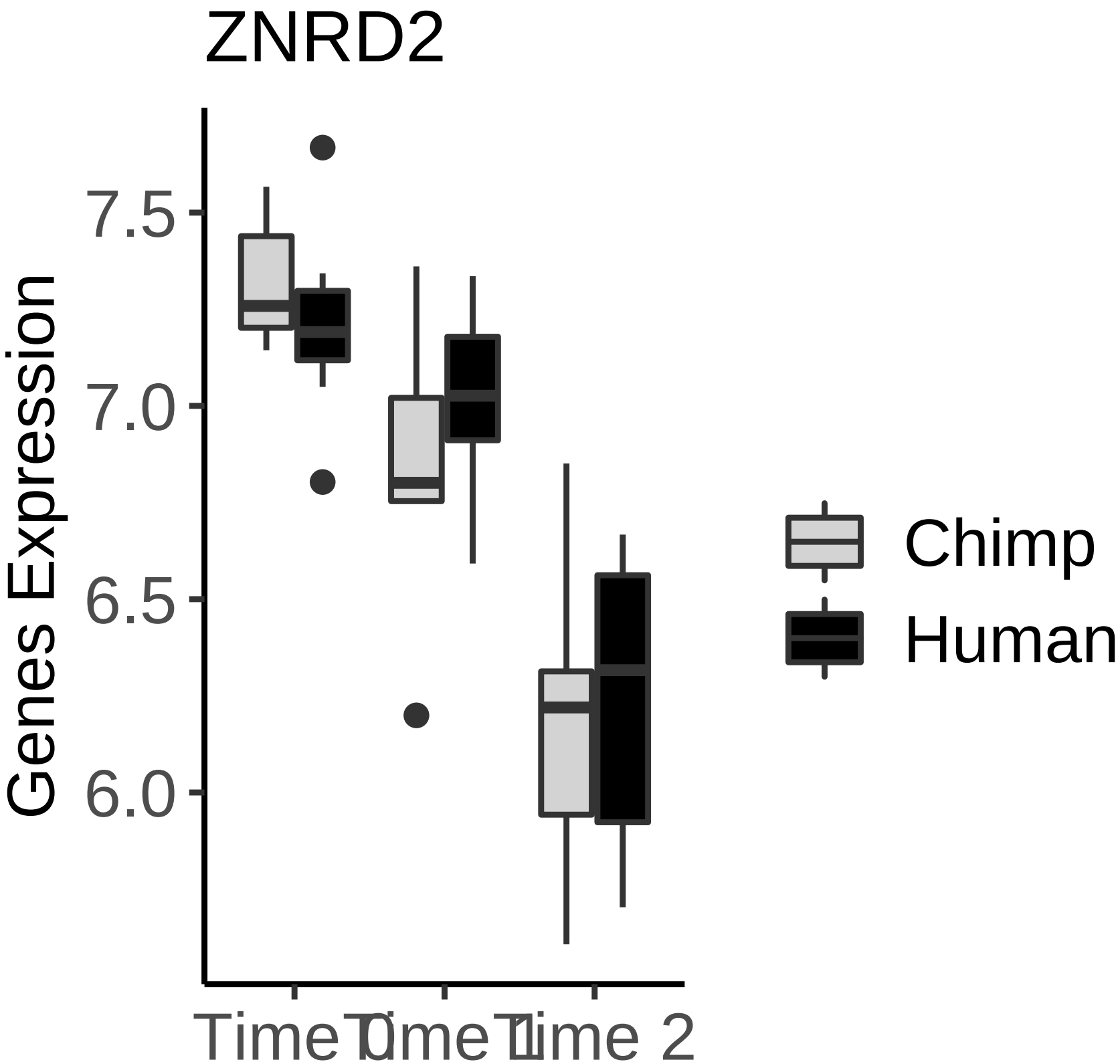

ZNF789
Genes Expression
5
4
3
2
1
Time 0
Time 1
Time 2
Chimp
Human

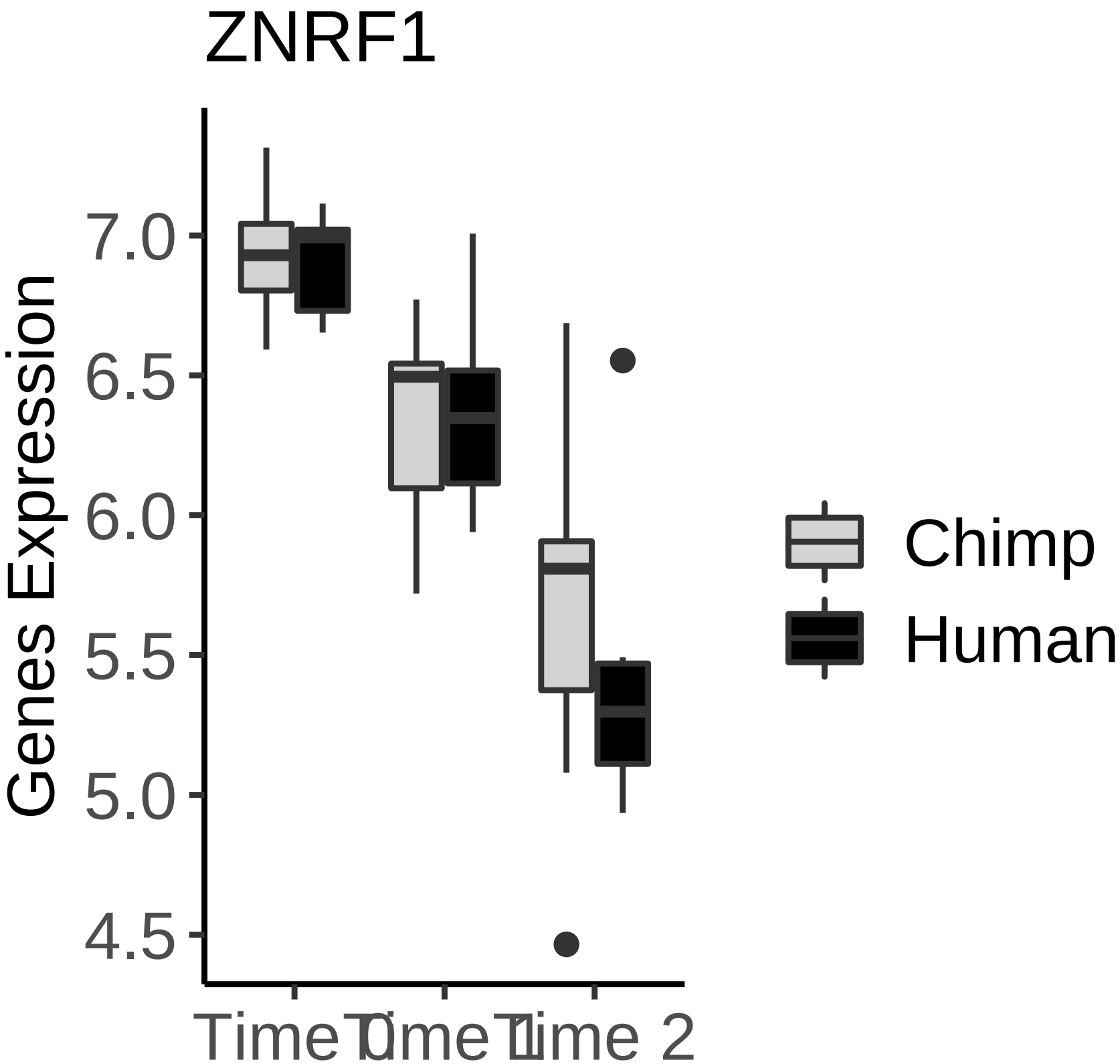

ZNF83
Genes Expression
4
3
2
Time 0
Time 1
Time 2
Chimp
Human


ZNF862
Genes Expression
3
2
1
0
−1
Time 0
Time 1
Time 2
Chimp
Human


ZNF90
Genes Expression
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human


ZNF93
Genes Expression
6
4
2
Time 0
Time 1
Time 2
Chimp
Human


ZNRD2
Genes Expression
7.5
7.0
6.5
6.0
Time 0
Time 1
Time 2
Chimp
Human


ZNRF1
Genes Expression
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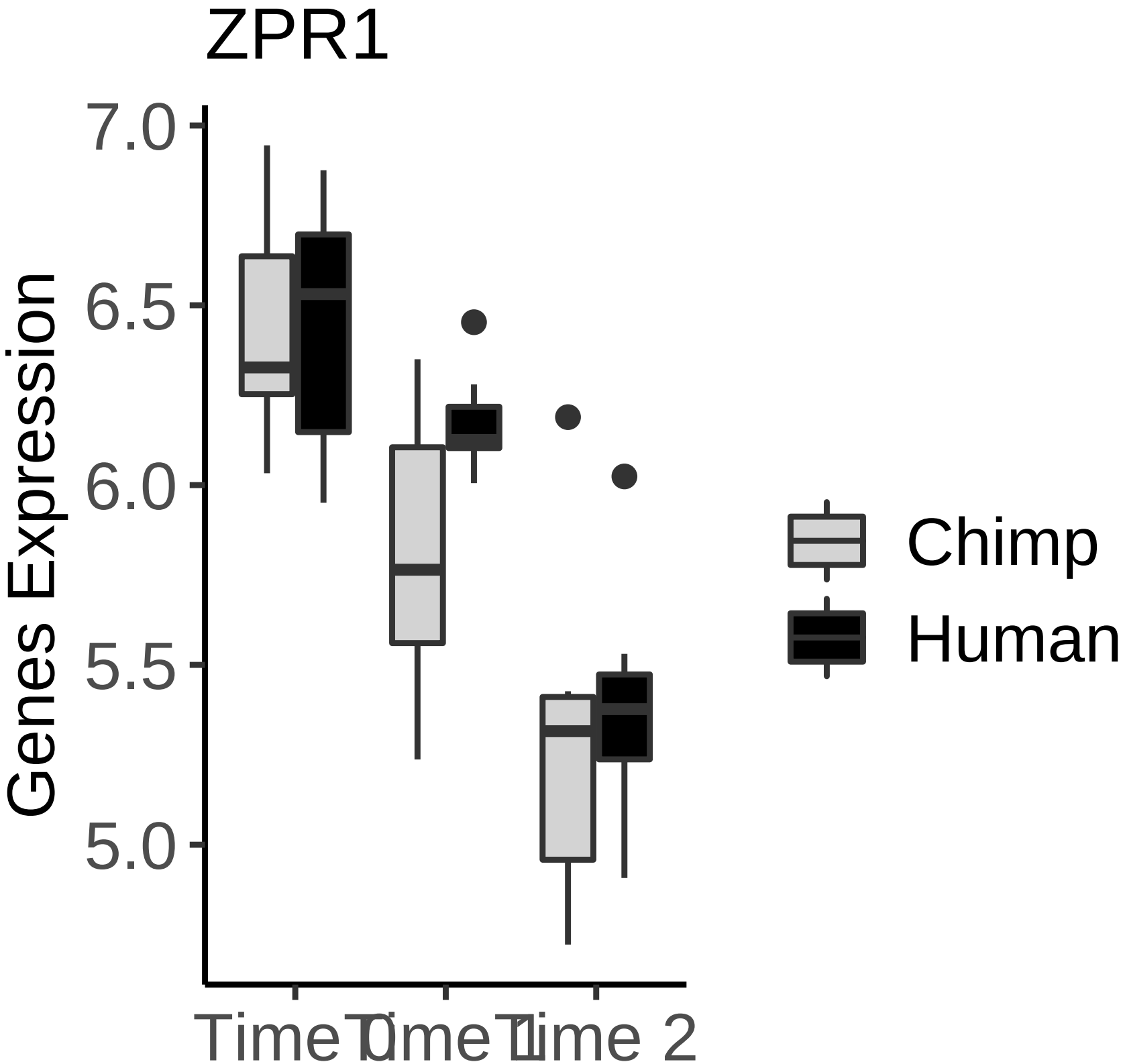
6.5
6.0
5.5
5.0
4.5
Time 0
Time 1
Time 2
Chimp
Human


ZPR1
Genes Expression
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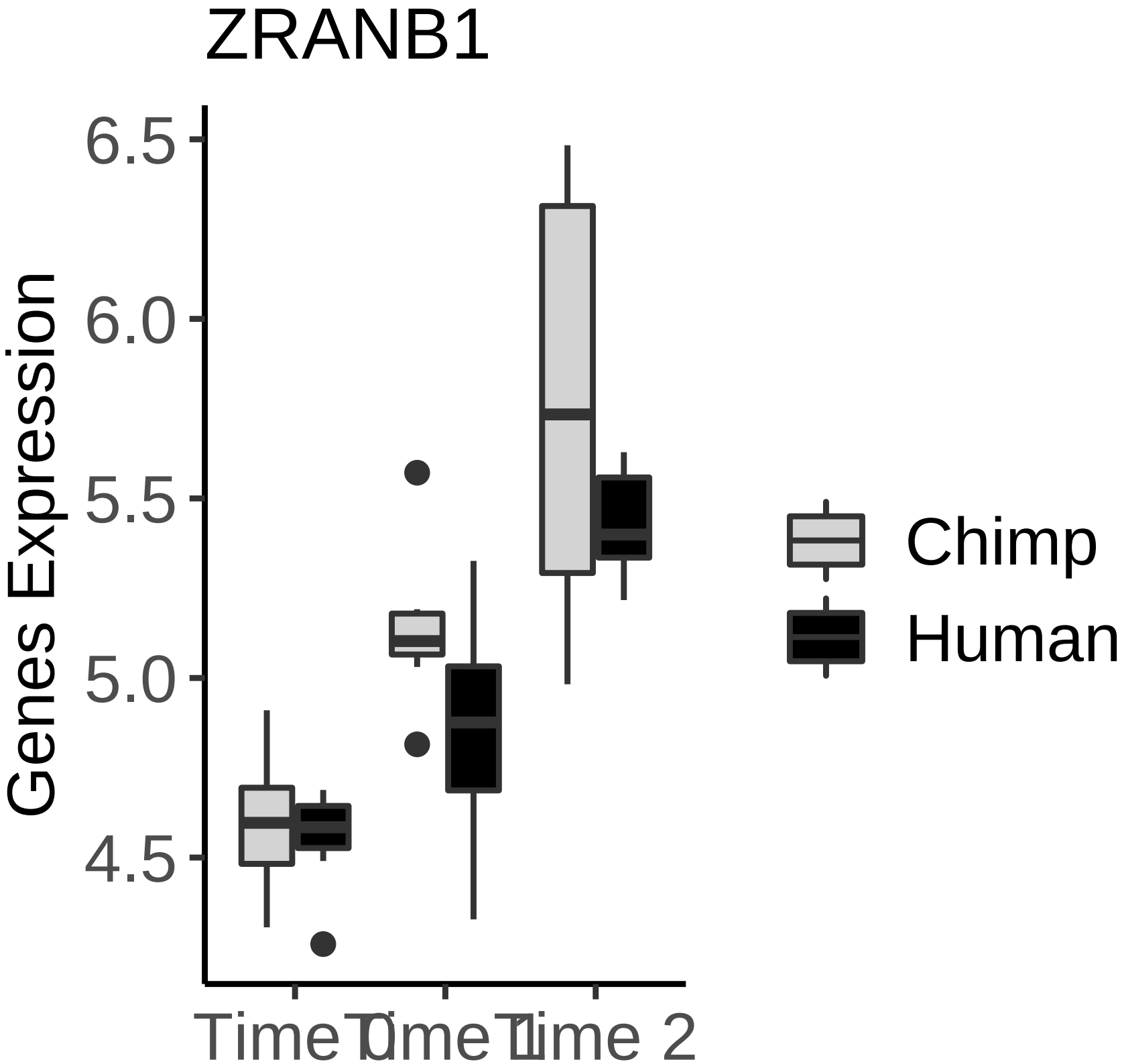
6.0
5.5
5.0
Time 0
Time 1
Time 2
Chimp
Human


ZRANB1
Genes Expression
6.5
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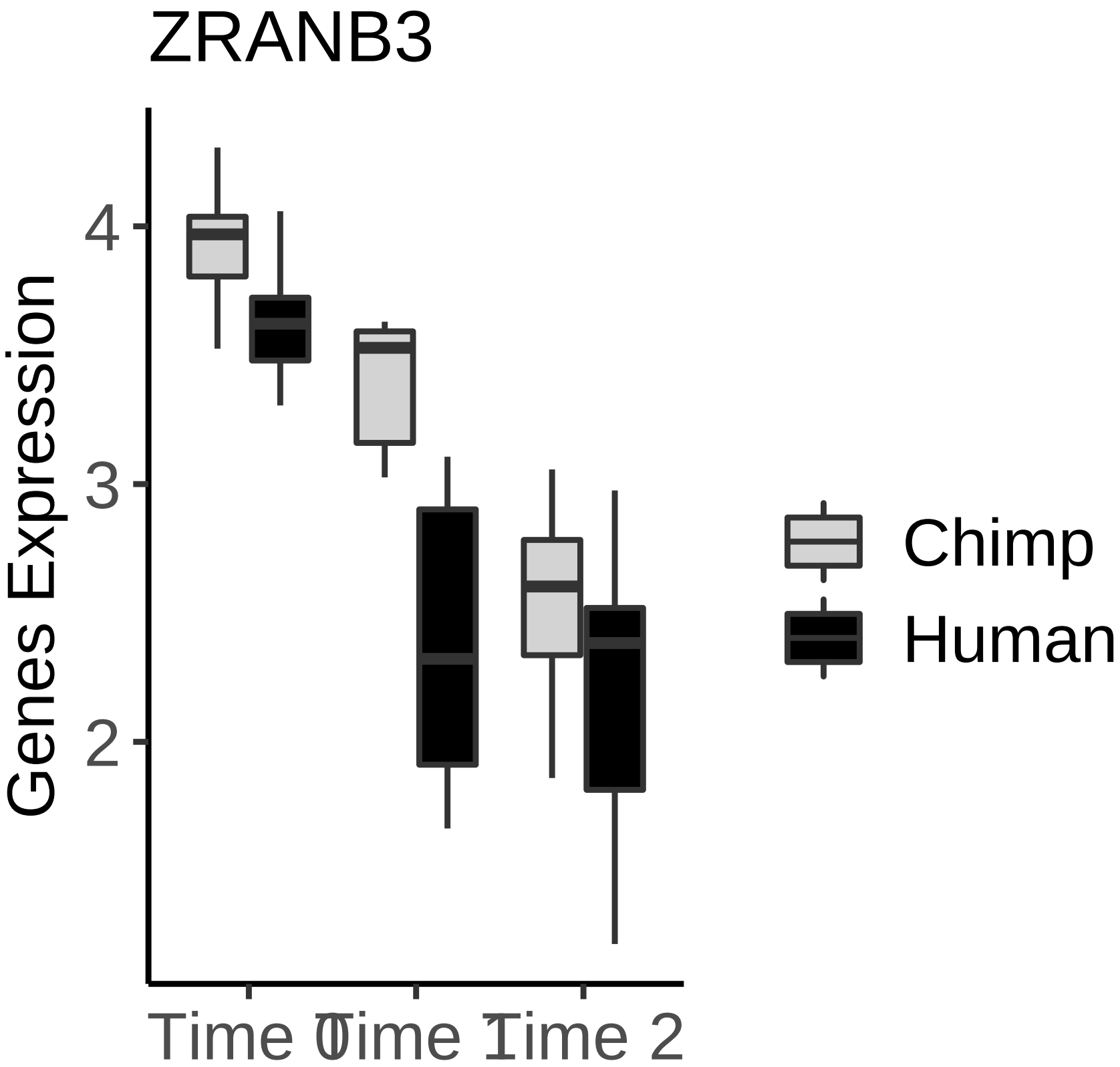
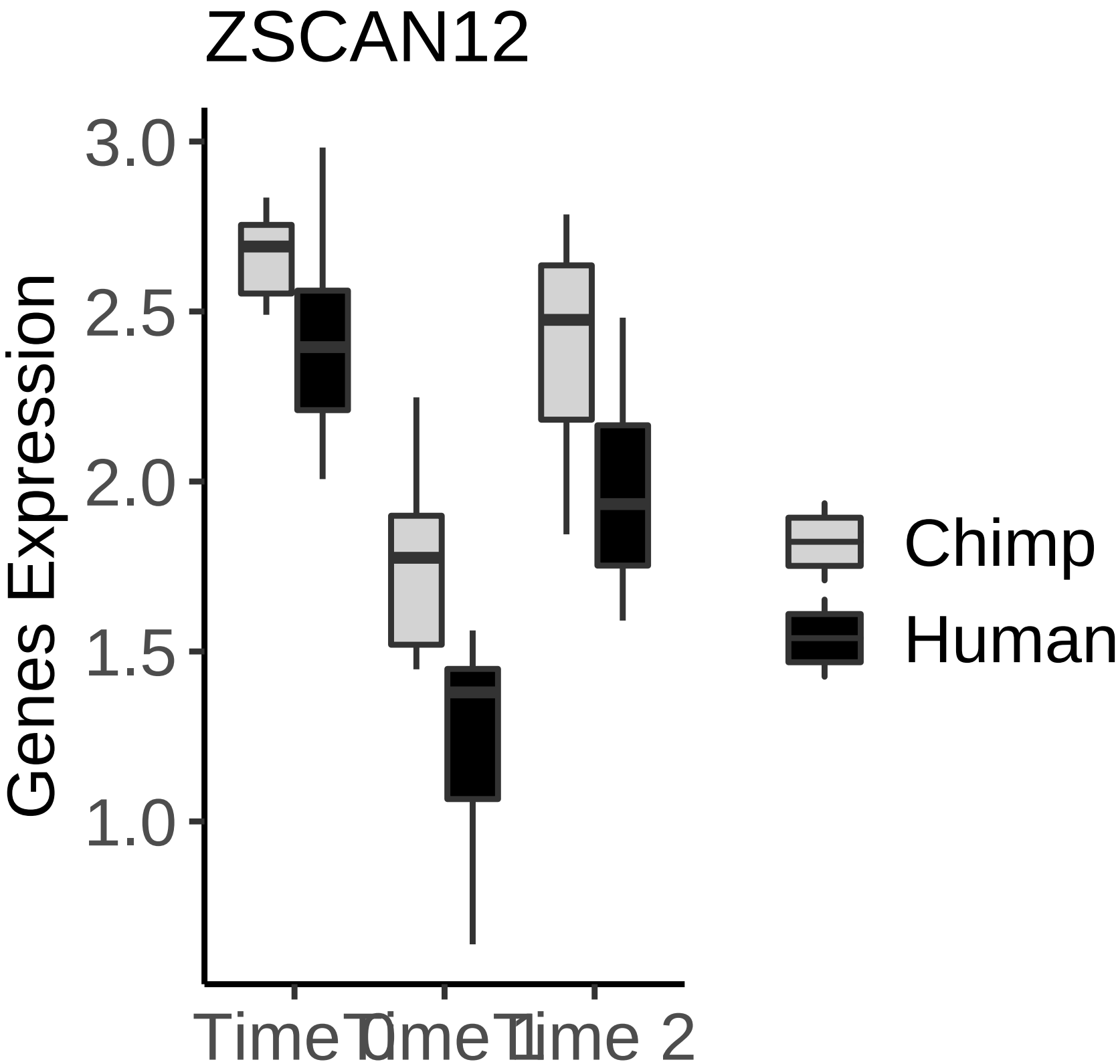
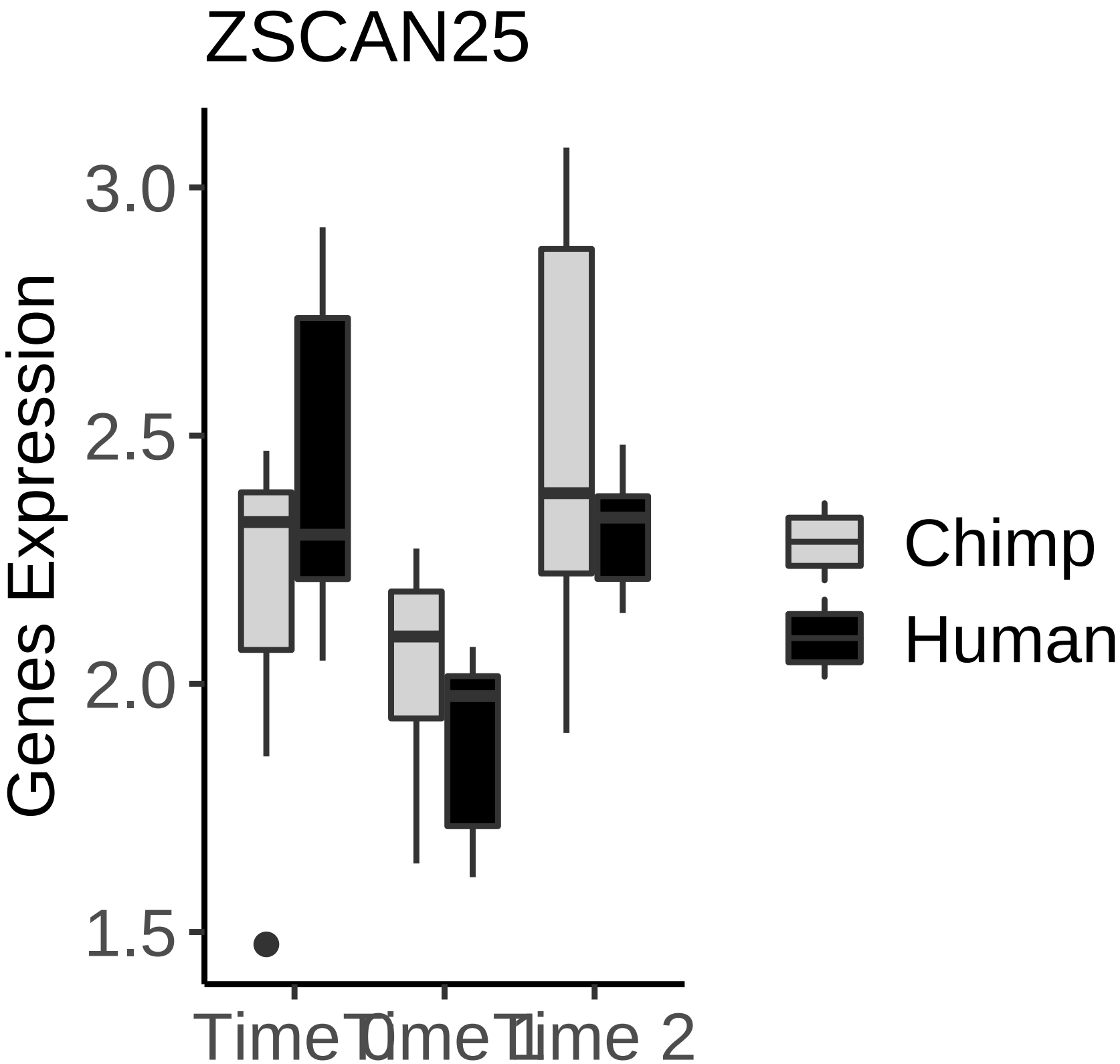
5.5
5.0
4.5
Time 0
Time 1
Time 2
Chimp
Human


ZRANB3
Genes Expression
4
3
2
Time 0
Time 1
Time 2
Chimp
Human


ZSCAN12
Genes Expression
3.0
2.5
2.0
1.5
1.0
Time 0
Time 1
Time 2
Chimp
Human


ZSCAN25
Genes Expression
3.0
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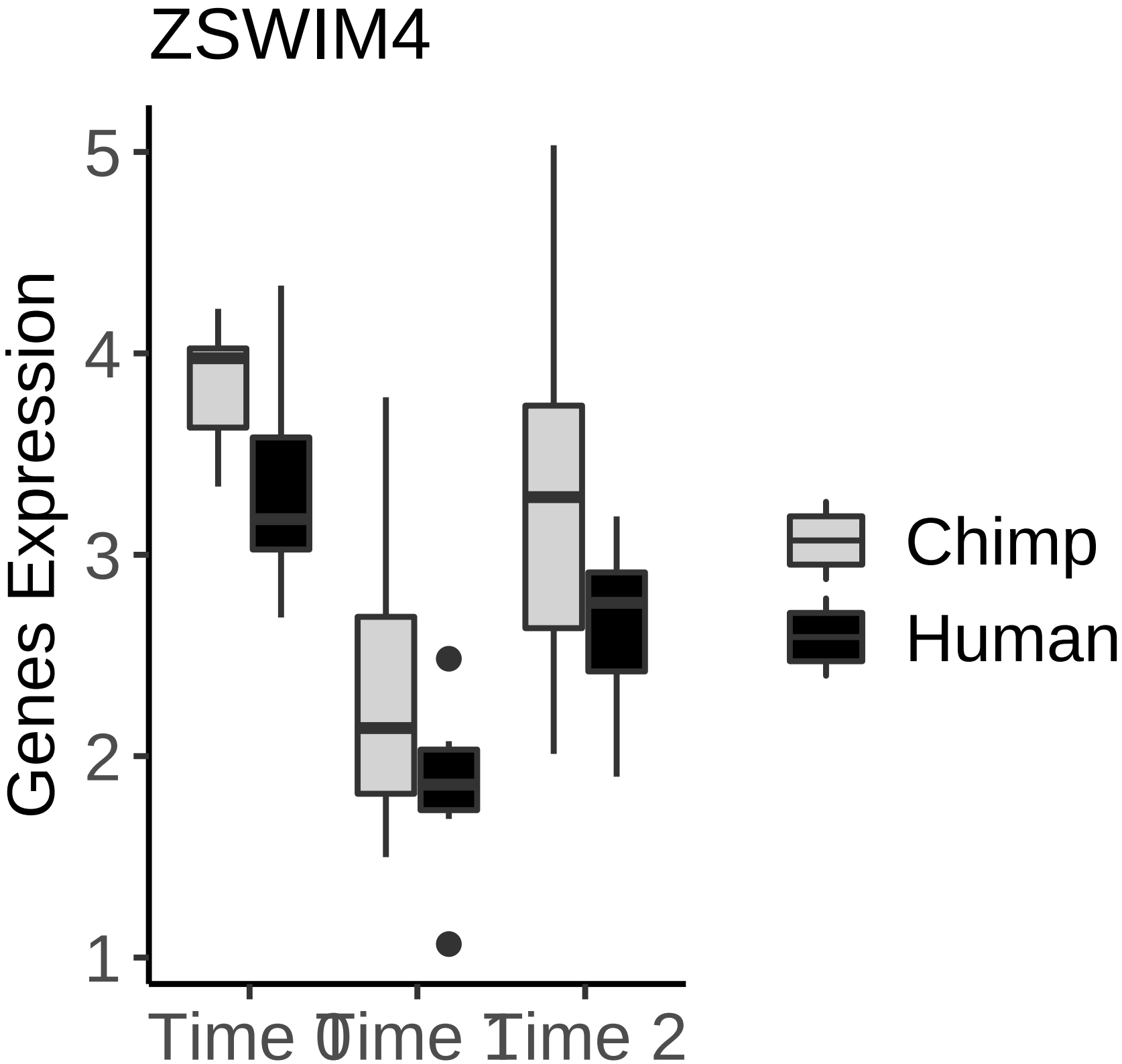
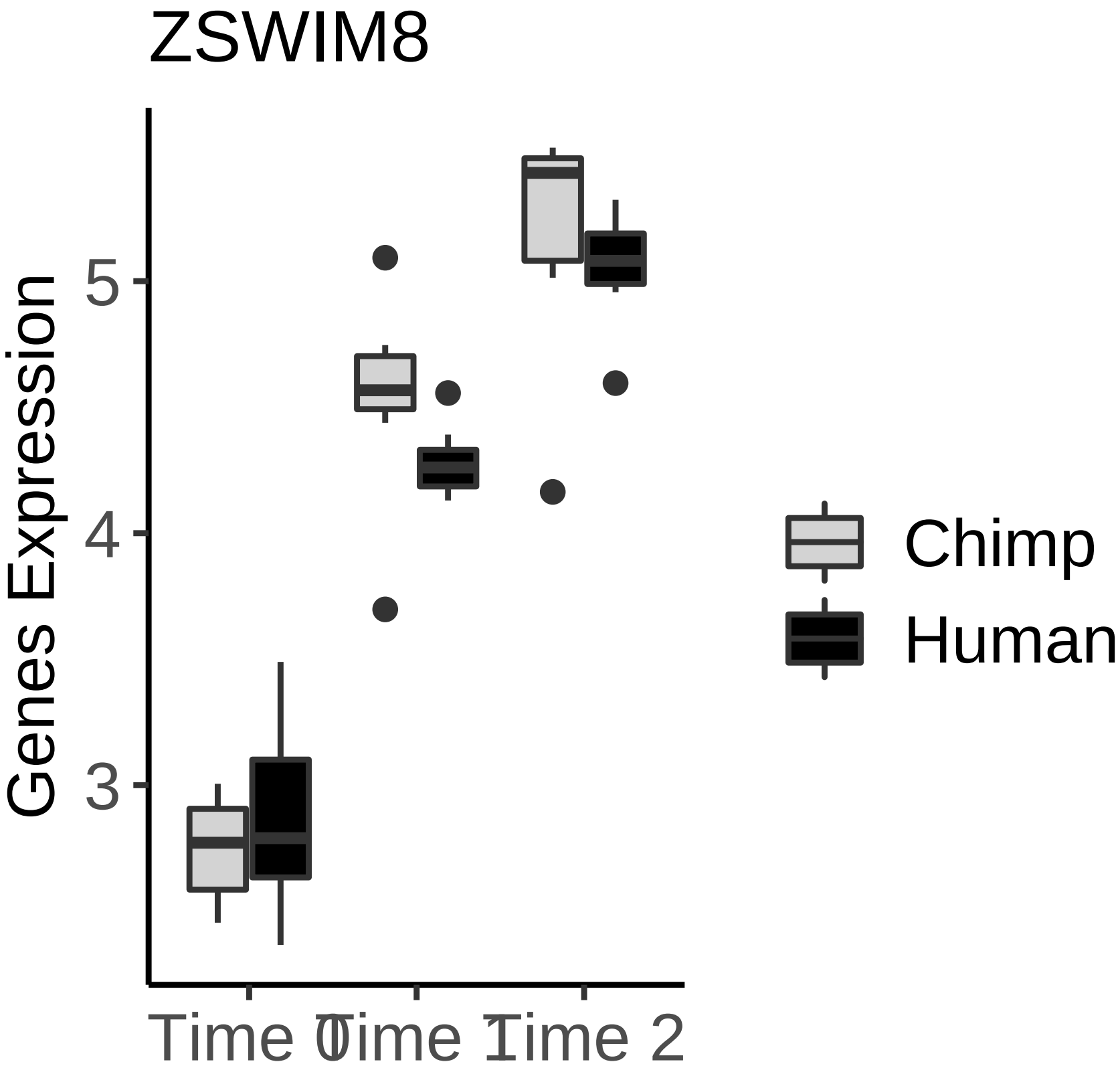
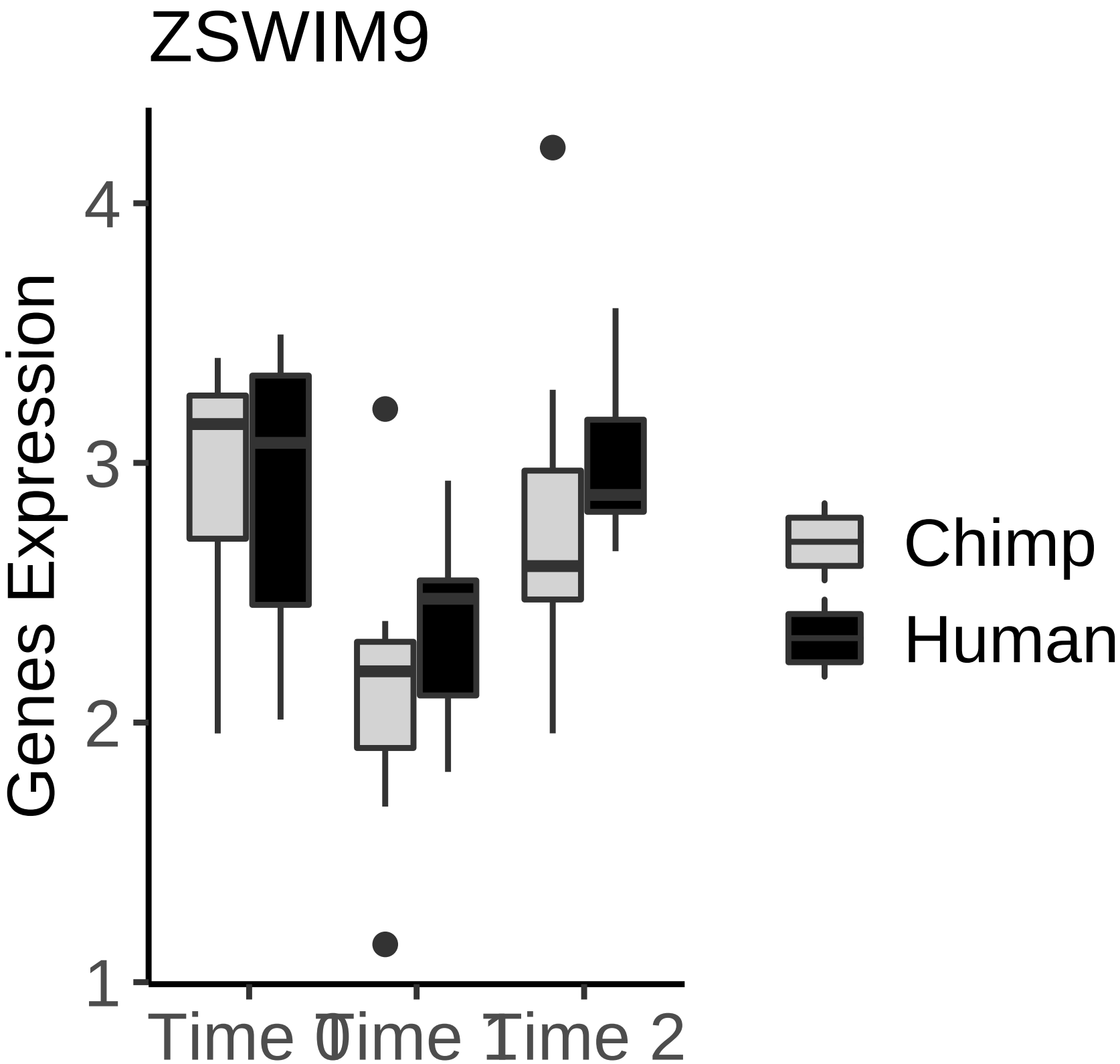
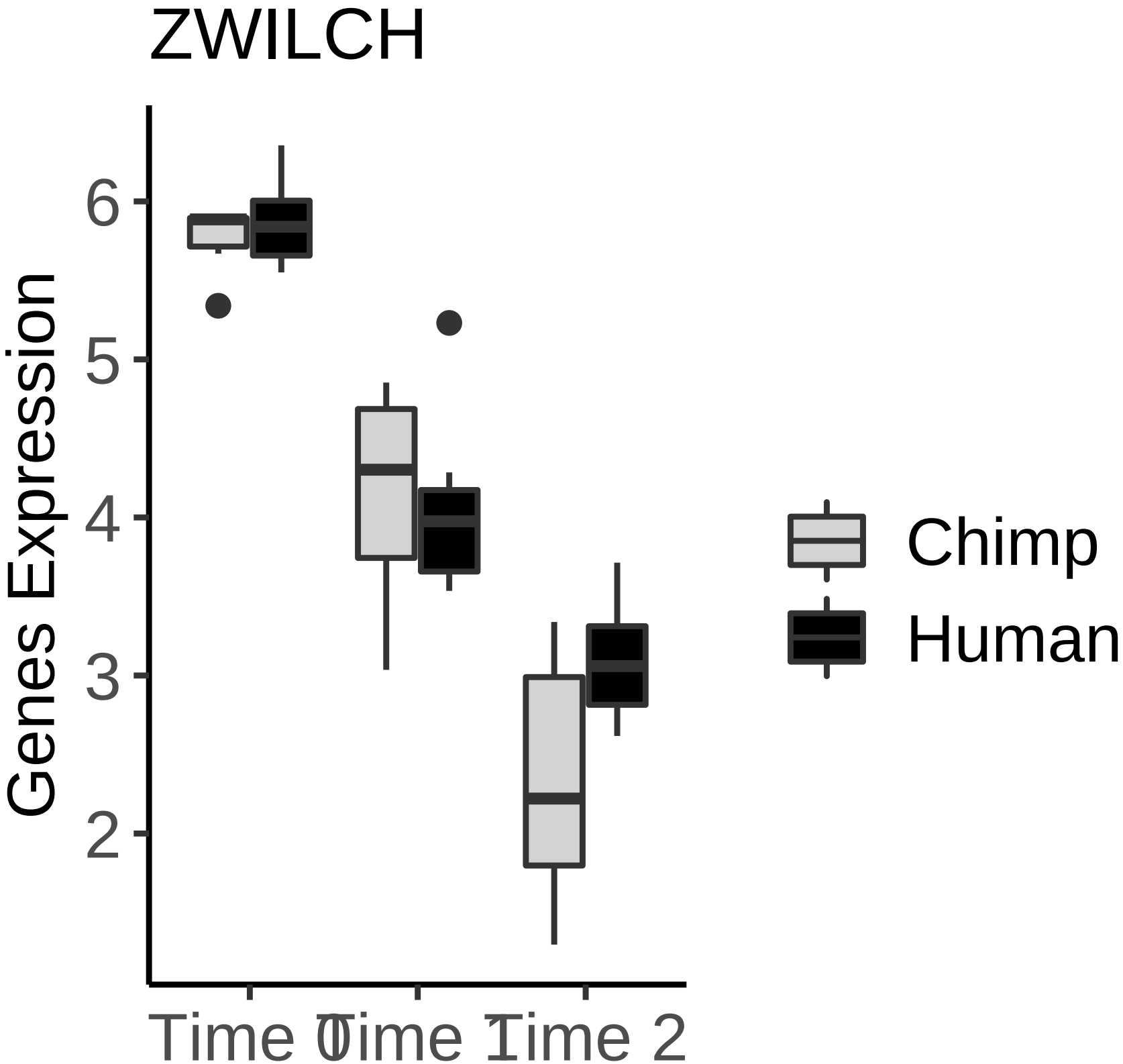
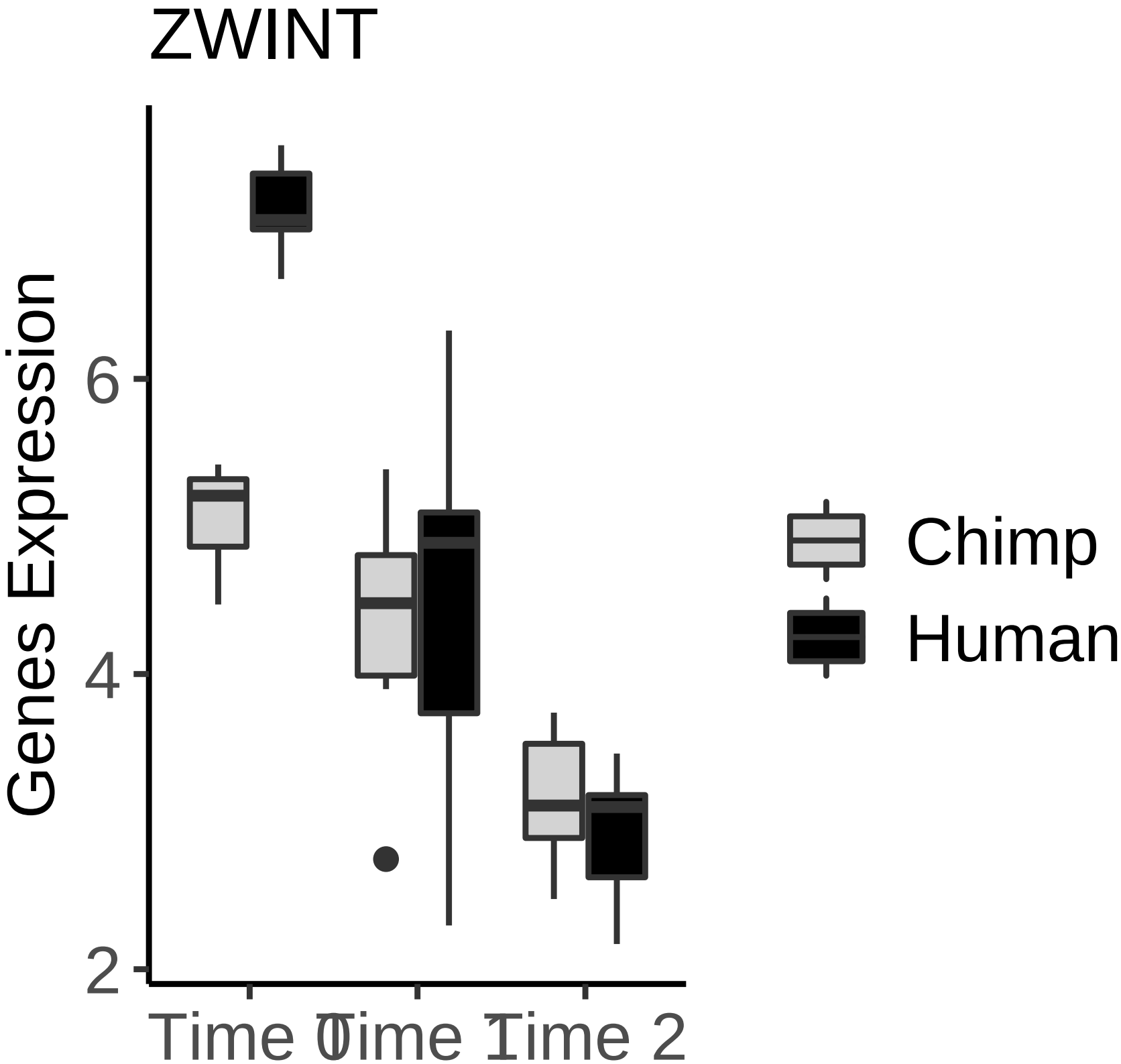
2.0
1.5
Time 0
Time 1
Time 2
Chimp
Human

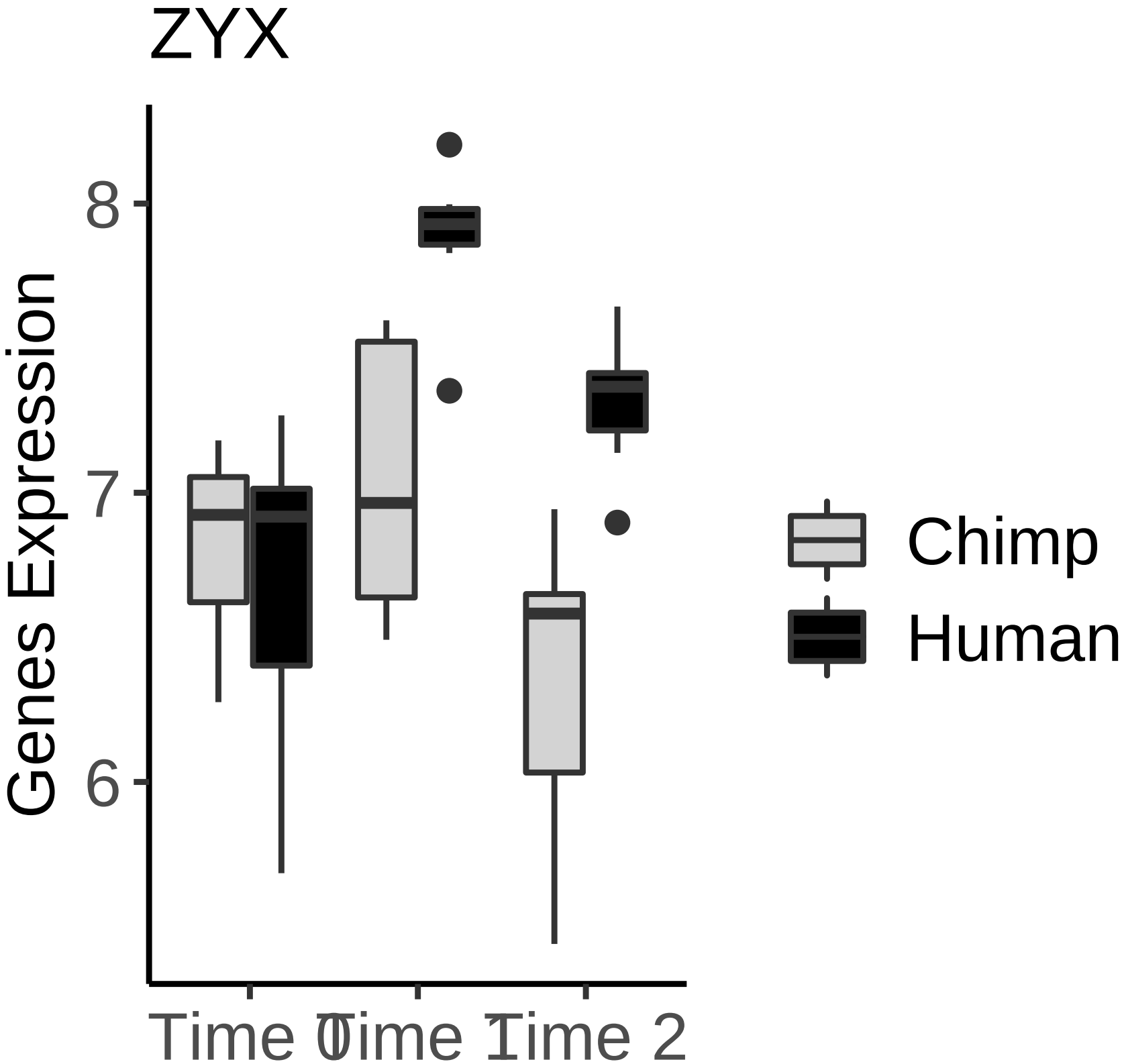

ZSWIM4
Genes Expression
5
4
3
2
1
Time 0
Time 1
Time 2
Chimp
Human


ZSWIM8
Genes Expression
5
4
3
Time 0
Time 1
Time 2
Chimp
Human


ZSWIM9
Genes Expression
4
3
2
1
Time 0
Time 1
Time 2
Chimp
Human


ZWILCH
Genes Expression
6
5
4
3
2
Time 0
Time 1
Time 2
Chimp
Human


ZWINT
Genes Expression
6
4
2
Time 0
Time 1
Time 2
Chimp
Human


ZYX
Genes Expression
8
7
6
Time 0
Time 1
Time 2
Chimp
Human