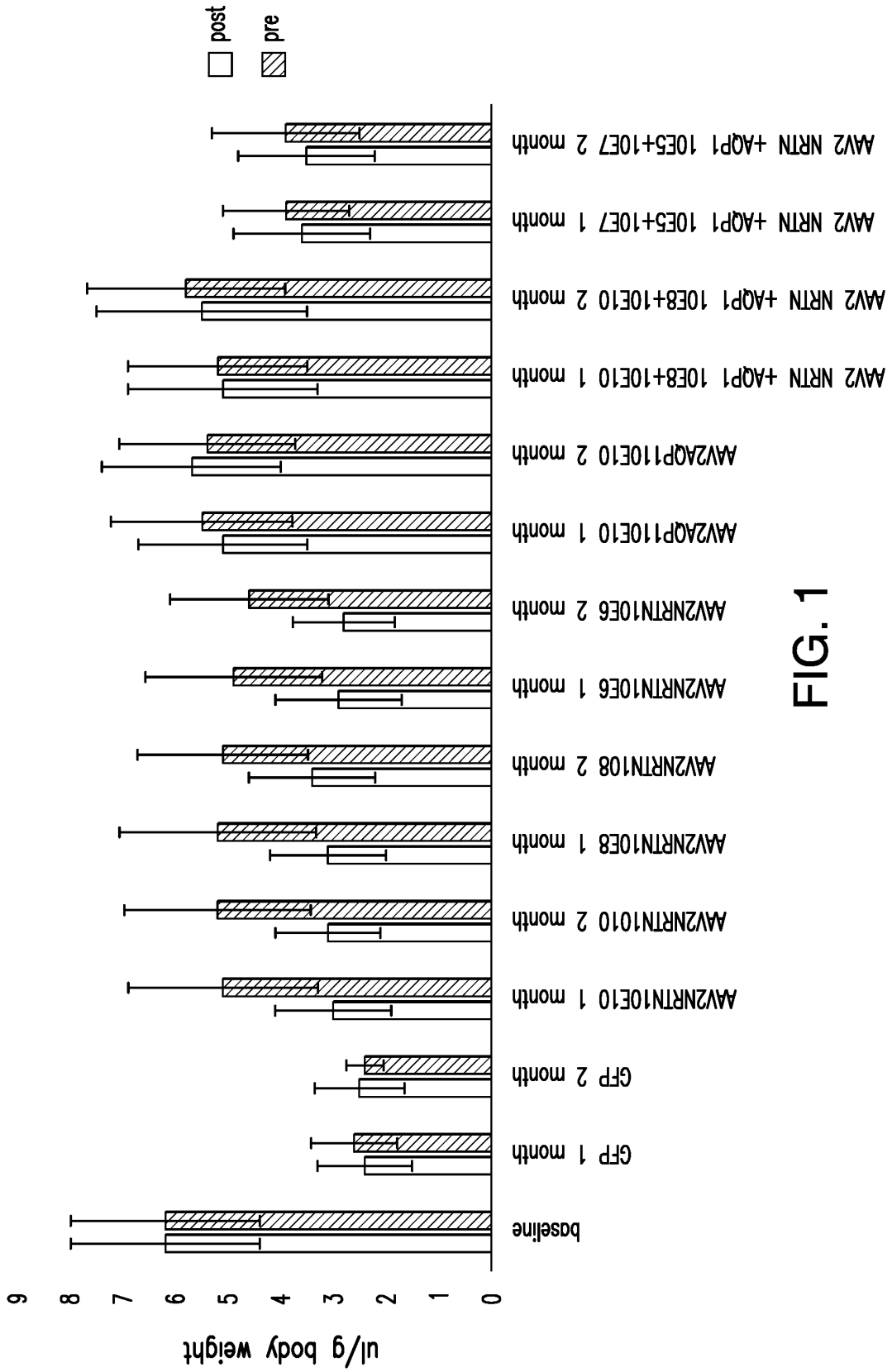

post
pre
baseline
GFP 1 month
GFP 2 month
AAV2NRTN10E10 1 month
AAV2NRTN1010 2 month
AAV2NRTN10E8 1 month
AAV2NRTN108 2 month
AAV2NRTN10E6 1 month
AAV2NRTN10E6 2 month
AAV2AQP110E10 1 month
AAV2AQP110E10 2 month
AAV2 NRTN +AQP1 10E8+10E10 1 month
AAV2 NRTN +AQP1 10E8+10E10 2 month
AAV2 NRTN +AQP1 10E5+10E7 1 month
AAV2 NRTN +AQP1 10E5+10E7 2 month
ul/g body weight
0
1
2
3
4
5
6
7
8
9

FIG. 1

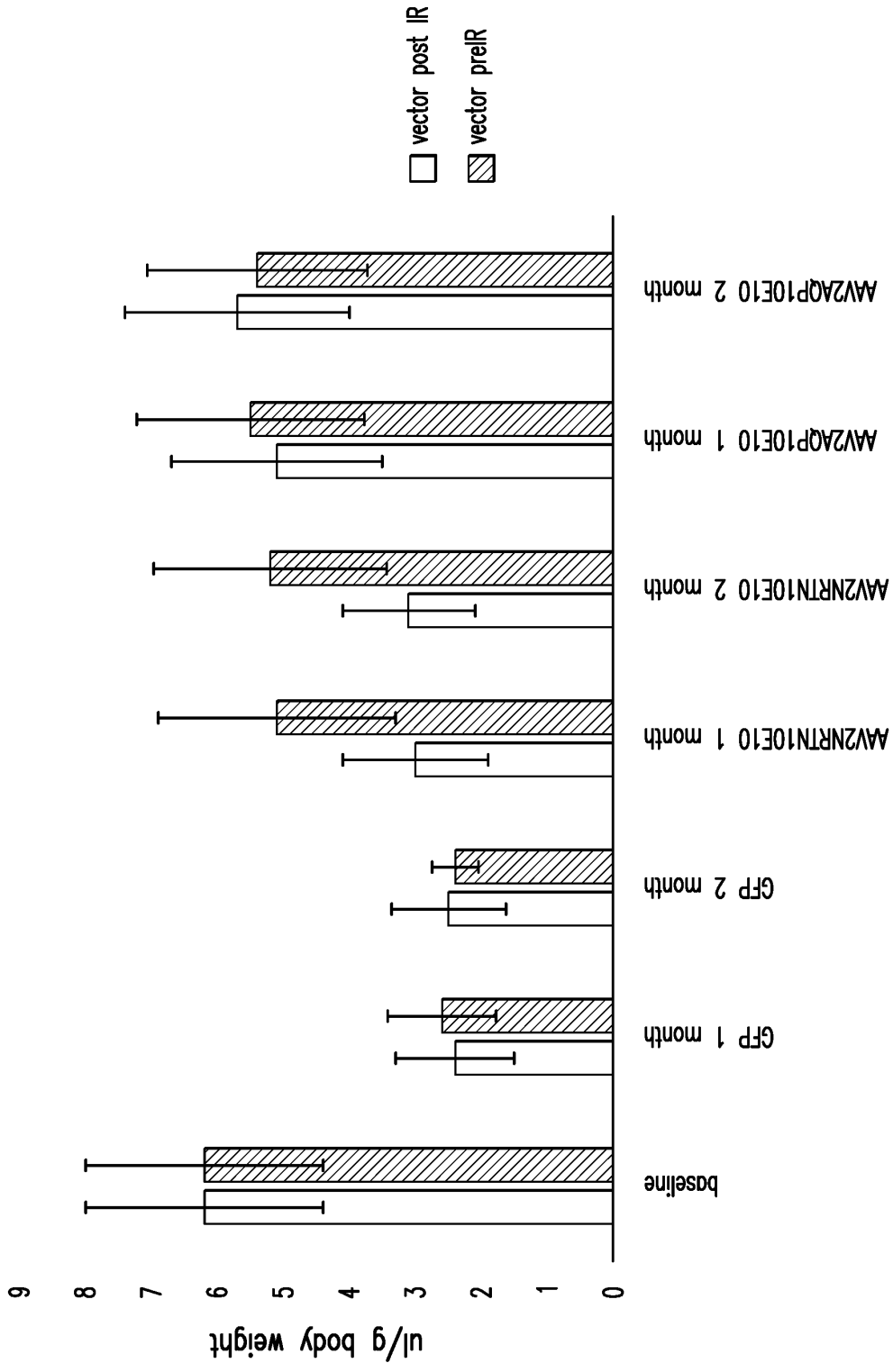

vector post IR
vector preIR
AAV2AQP10E10 2 month
AAV2AQP10E10 1 month
AAV2NRTN10E10 2 month
AAV2NRTN10E10 1 month
GFP 2 month
GFP 1 month
baseline
0
1
2
3
4
5
6
7
8
9
ul/g body weight

FIG. 2

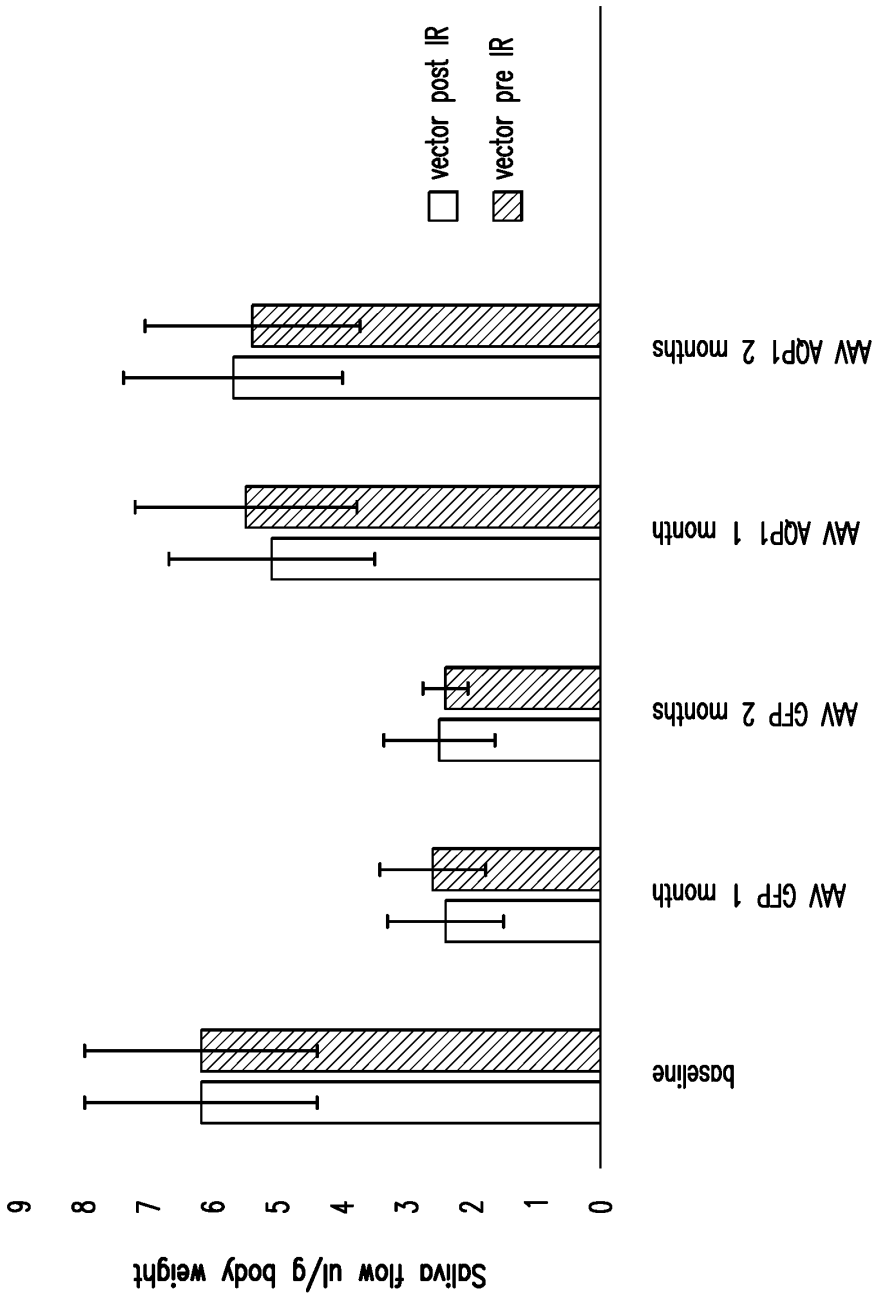

vector post IR
vector pre IR
Saliva flow ul/g body weight
0
1
2
3
4
5
6
7
8
9
baseline
AAV GFP 1 month
AAV GFP 2 months
AAV AQP1 1 month
AAV AQP1 2 months

FIG. 3

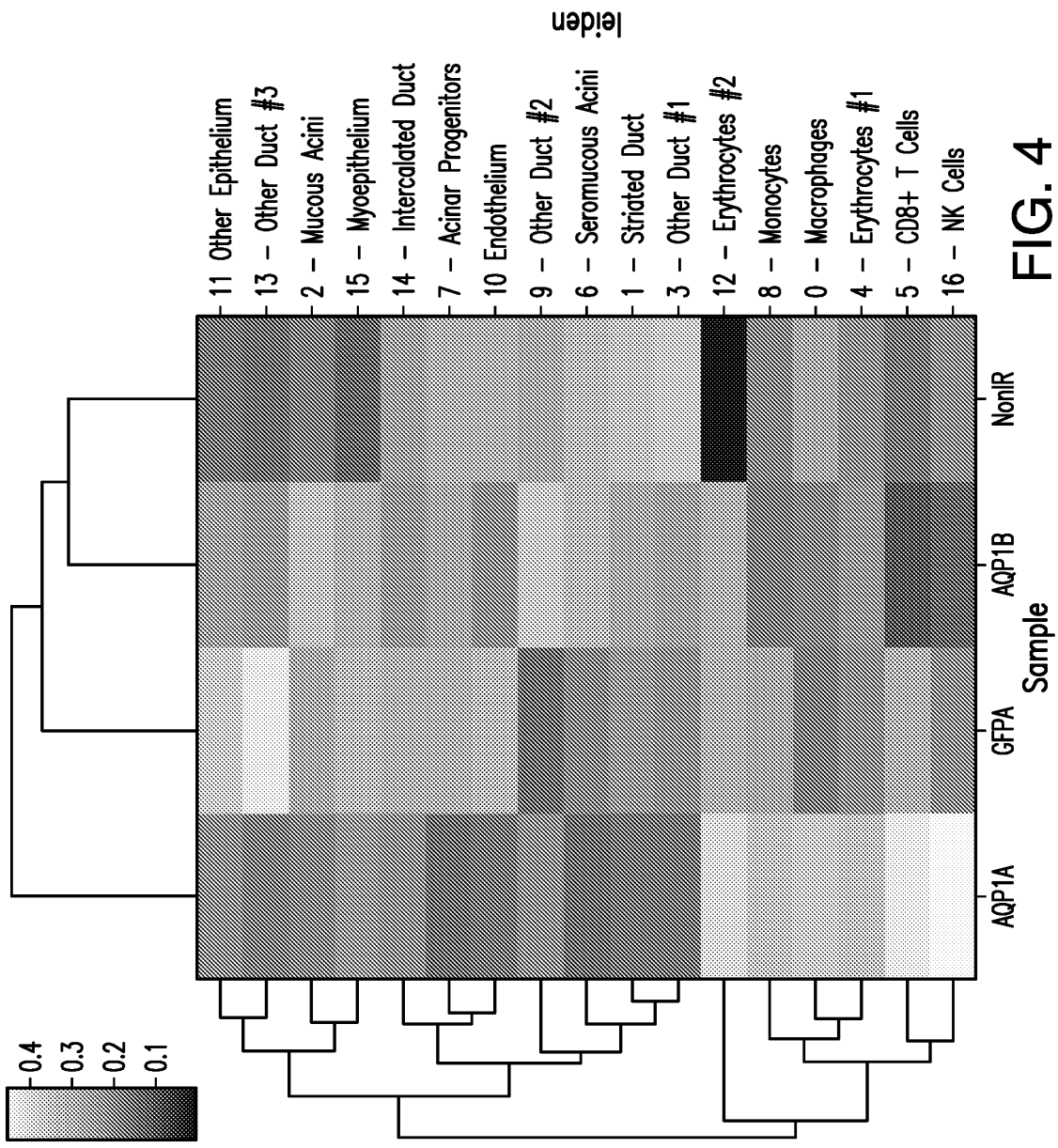

leiden
11 Other Epithelium
13 – Other Duct #3
2 – Mucous Acini
15 – Myoepithelium
14 – Intercalated Duct
7 – Acinar Progenitors
10 Endothelium
9 – Other Duct #2
6 – Seromucous Acini
1 – Striated Duct
3 – Other Duct #1
12 – Erythrocytes #2
8 – Monocytes
0 – Macrophages
4 – Erythrocytes #1
5 – CD8+ T Cells
16 – NK Cells
AQP1A
GFPA
AQP1B
NonIR
Sample
0.4
0.3
0.2
0.1

FIG. 4

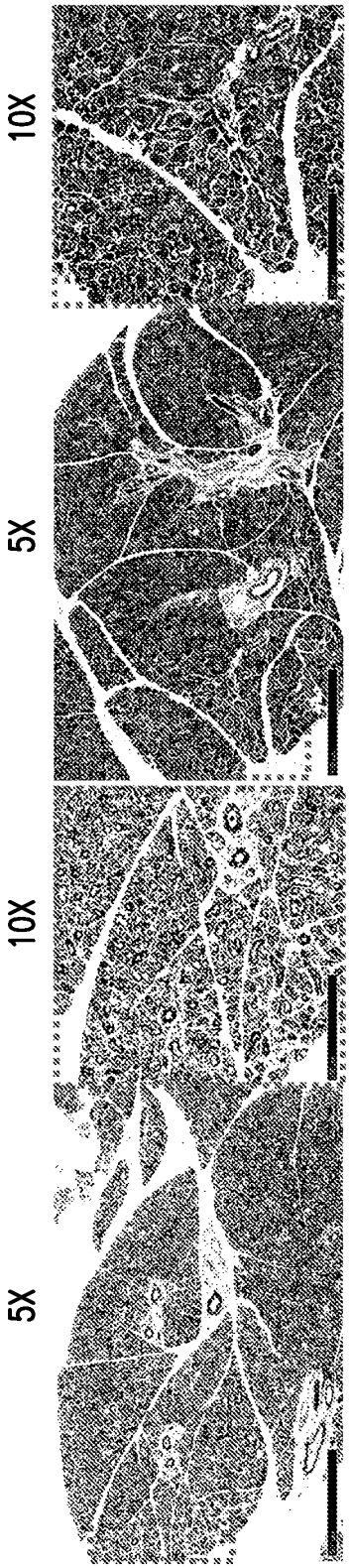



FIG. 5B




FIG. 5A

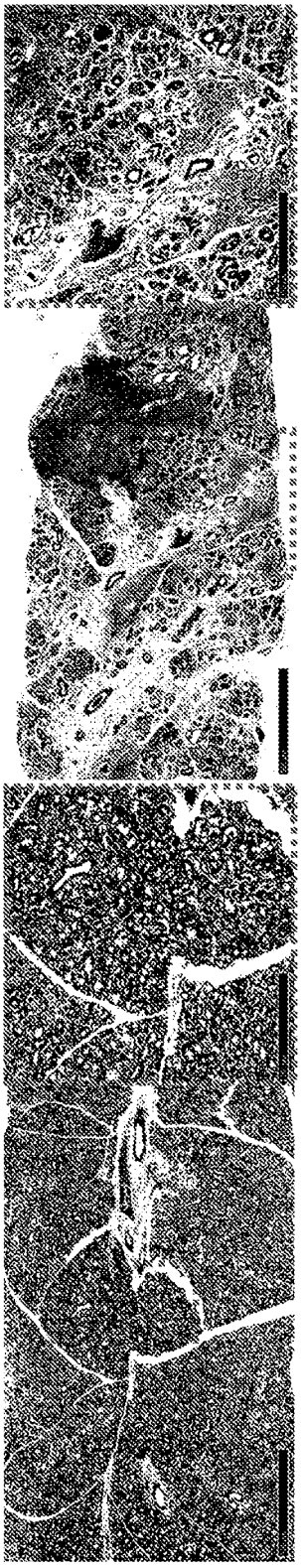



FIG. 5D




FIG. 5C