**Figure 1**

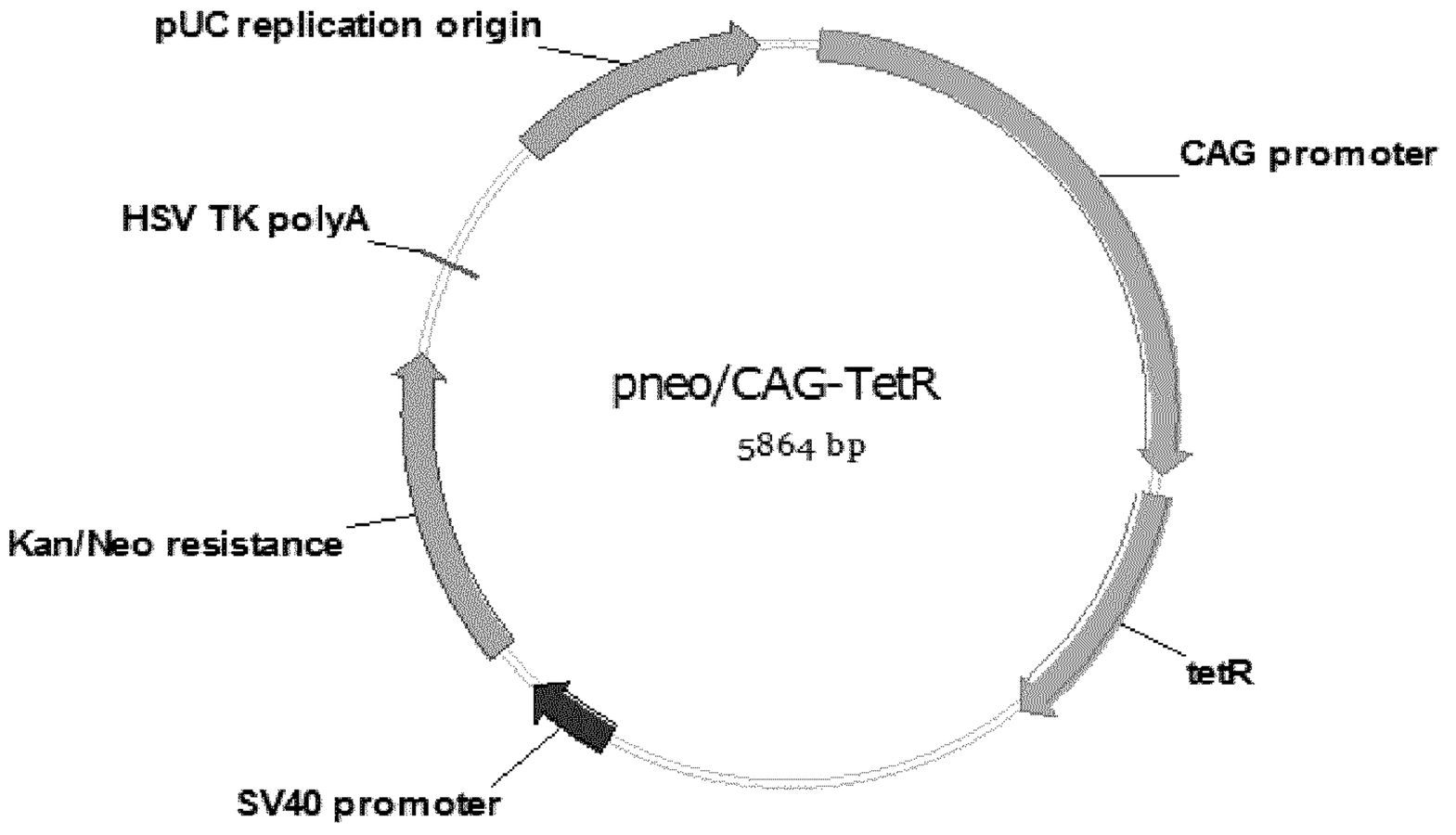

pUC replication origin
CAG promoter
HSV TK polyA
pneo/CAG-TetR
5864 bp
Kan/Neo resistance
tetR
SV40 promoter

**Figure 2**

| Clone | + tet | - tet | Ratio +/- tet |
|---|---|---|---|
| **M9** | 4,20E+06 | 7,88E+04 | 53,25 |
| **M38** | 5,41E+06 | 3,68E+05 | 14,70 |

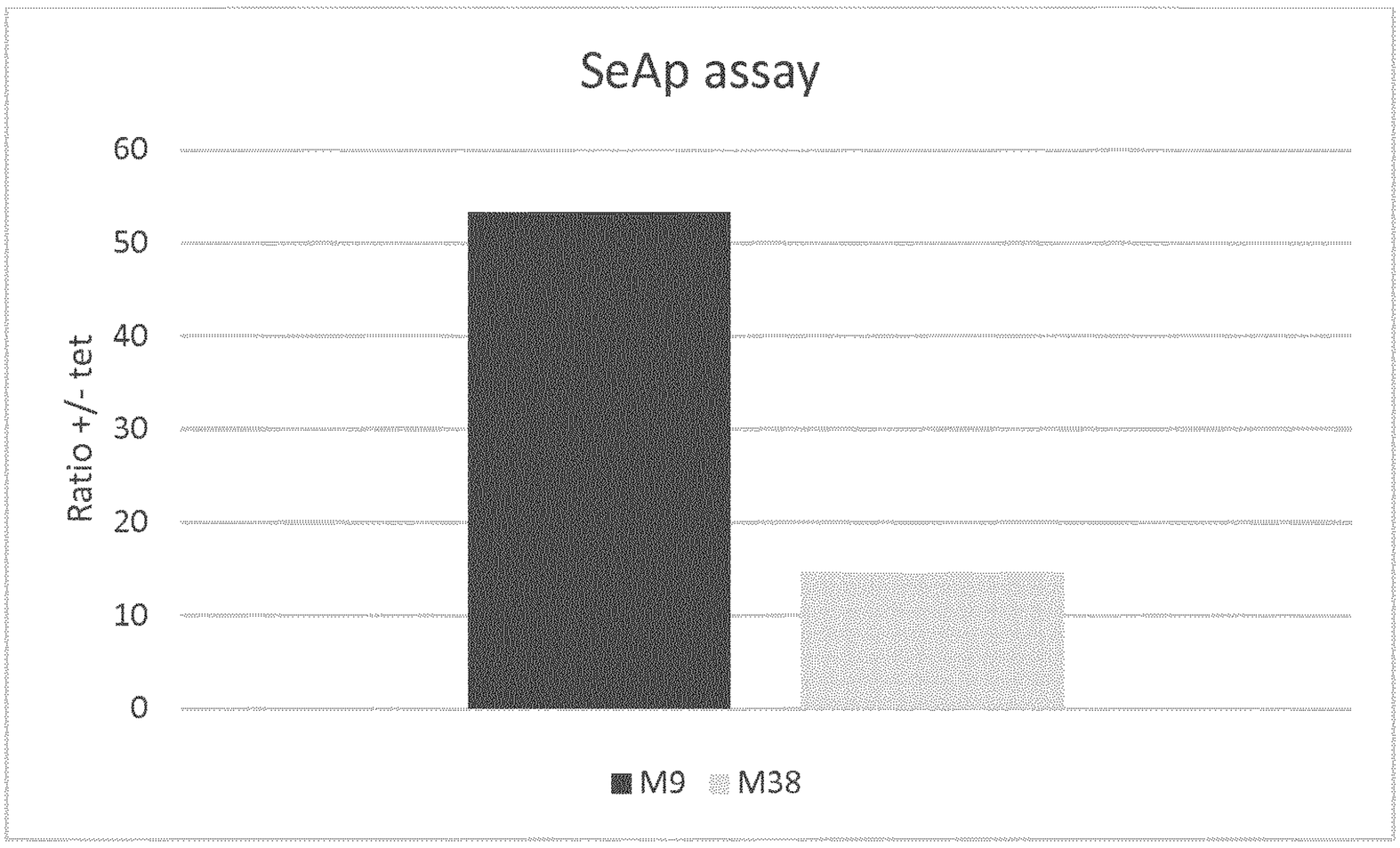


**Figure 3**

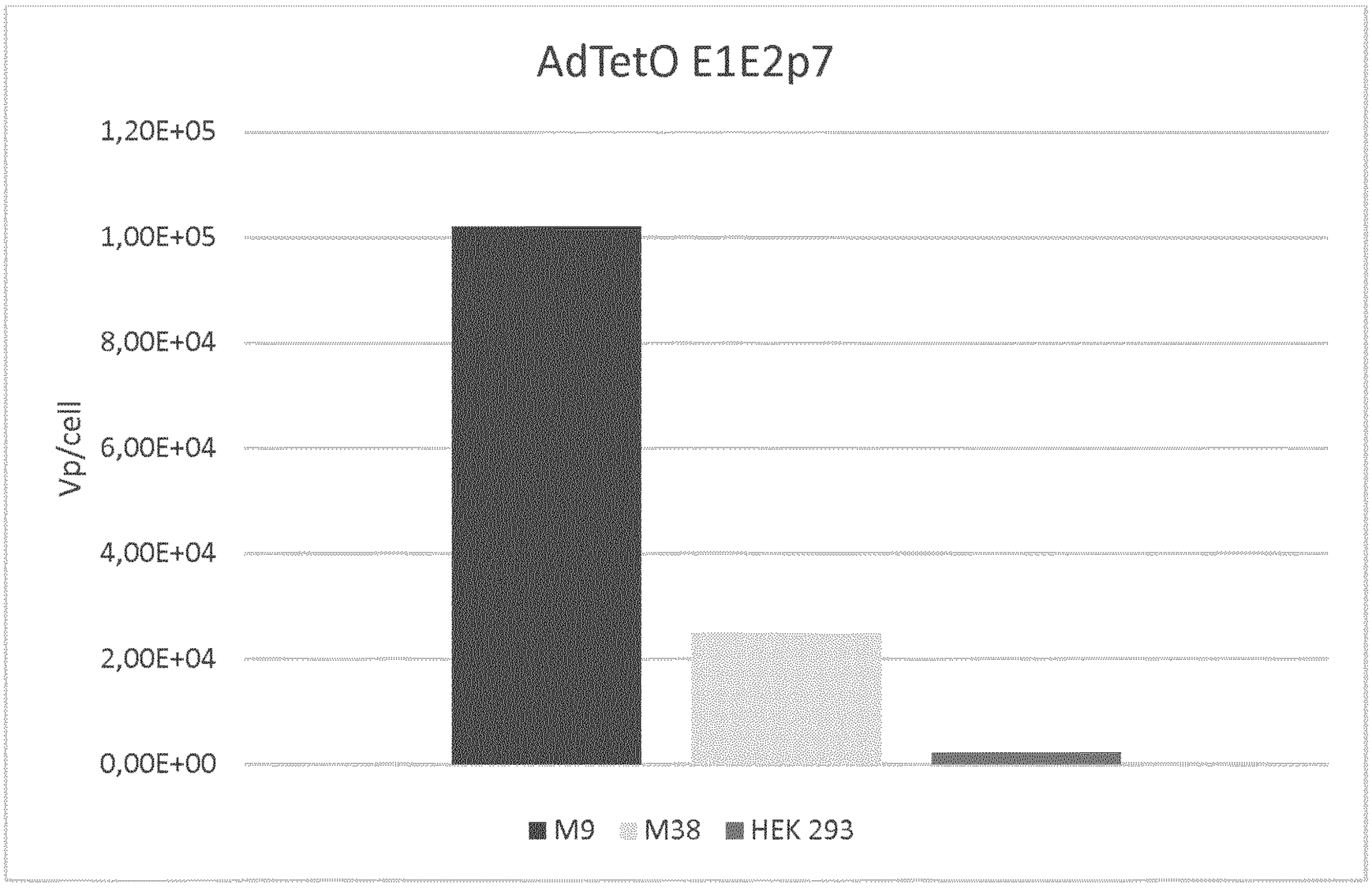

AdTetO E1E2p7
1,20E+05
1,00E+05
8,00E+04
6,00E+04
4,00E+04
2,00E+04
0,00E+00
Vp/cell
M9
M38
HEK 293

**Figure 4**

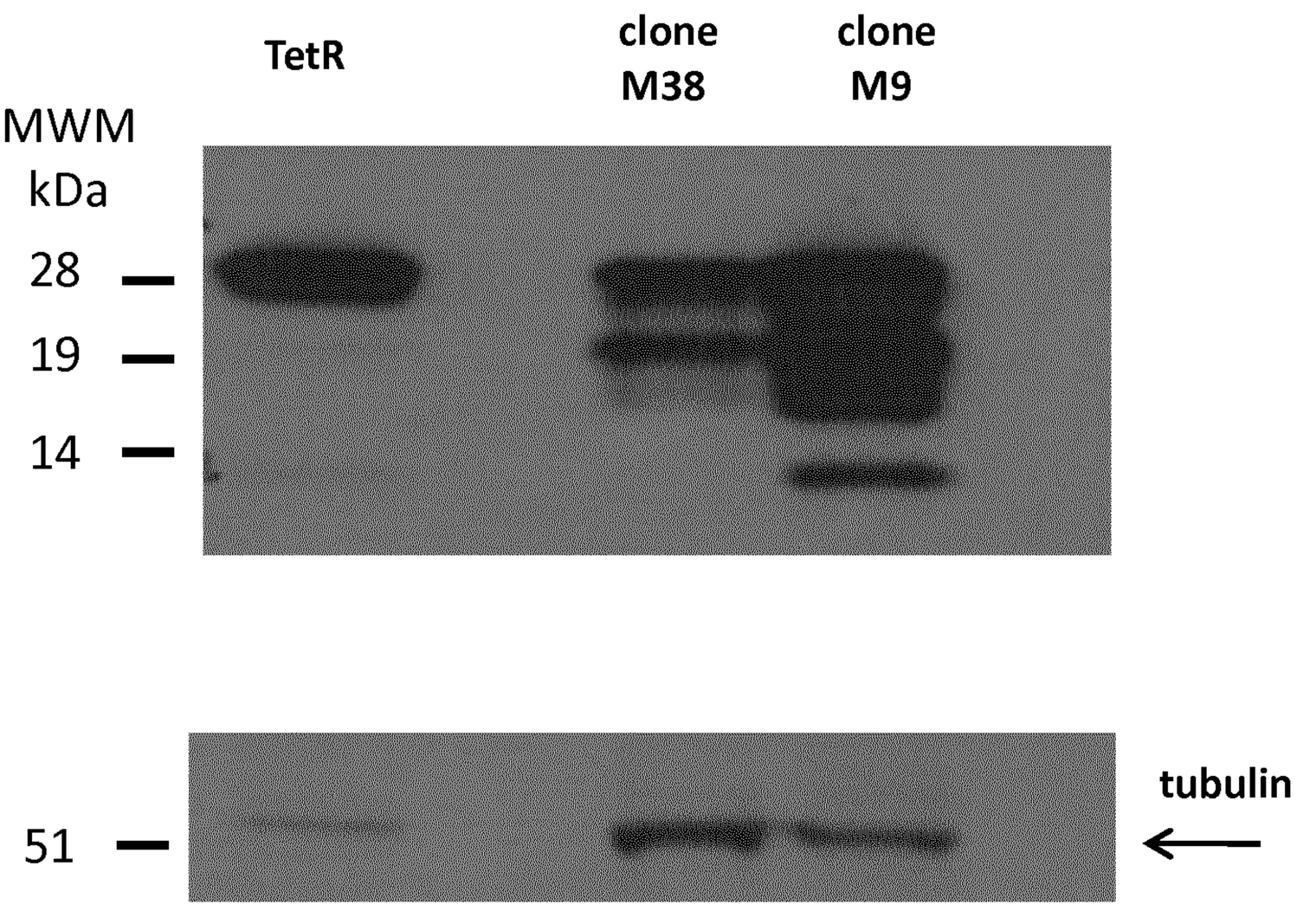
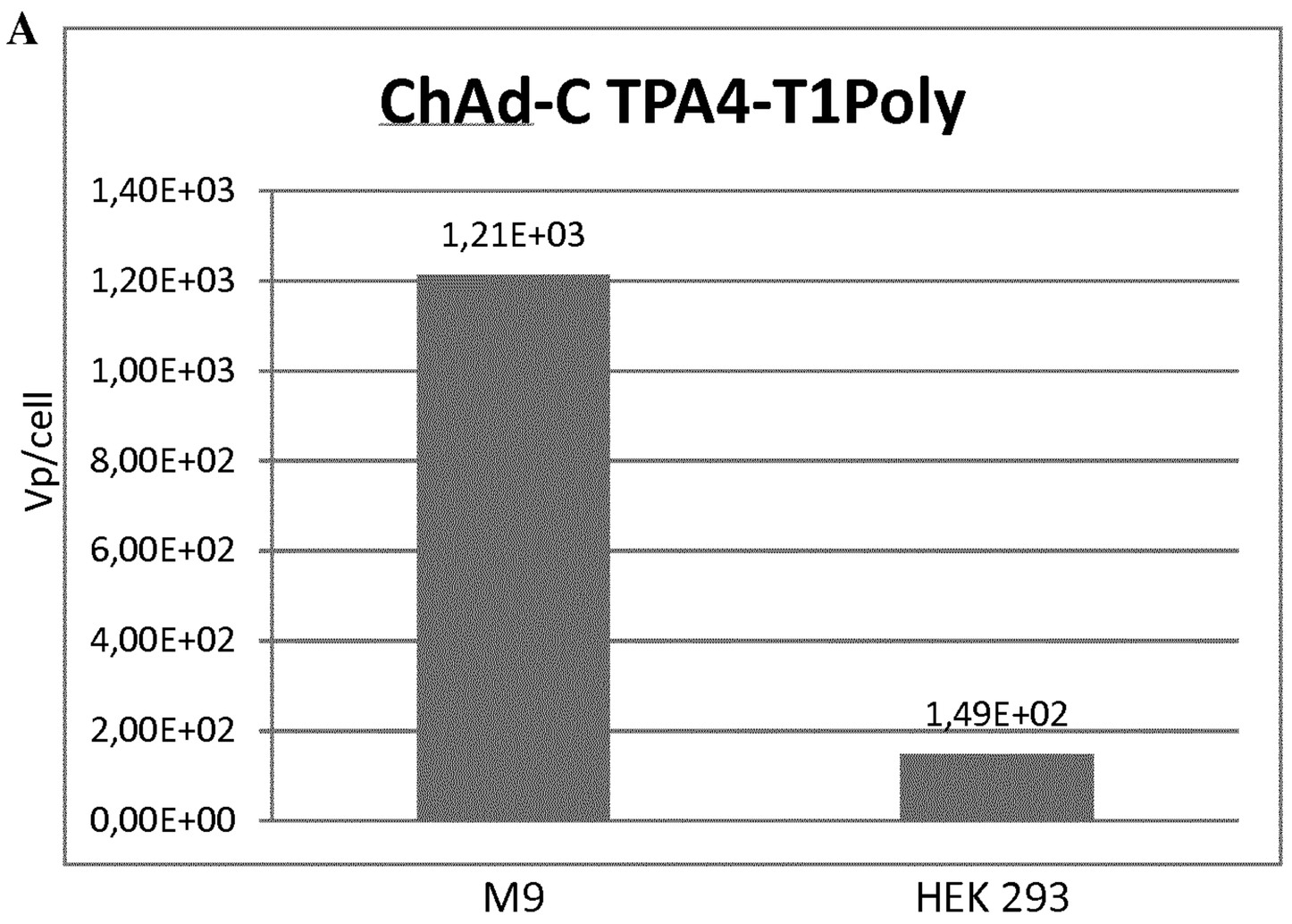


**Figure 5**


A
ChAd-C TPA4-T1Poly
Vp/cell
1,40E+03
1,20E+03
1,00E+03
8,00E+02
6,00E+02
4,00E+02
2,00E+02
0,00E+00
1,21E+03
1,49E+02
M9
HEK 293

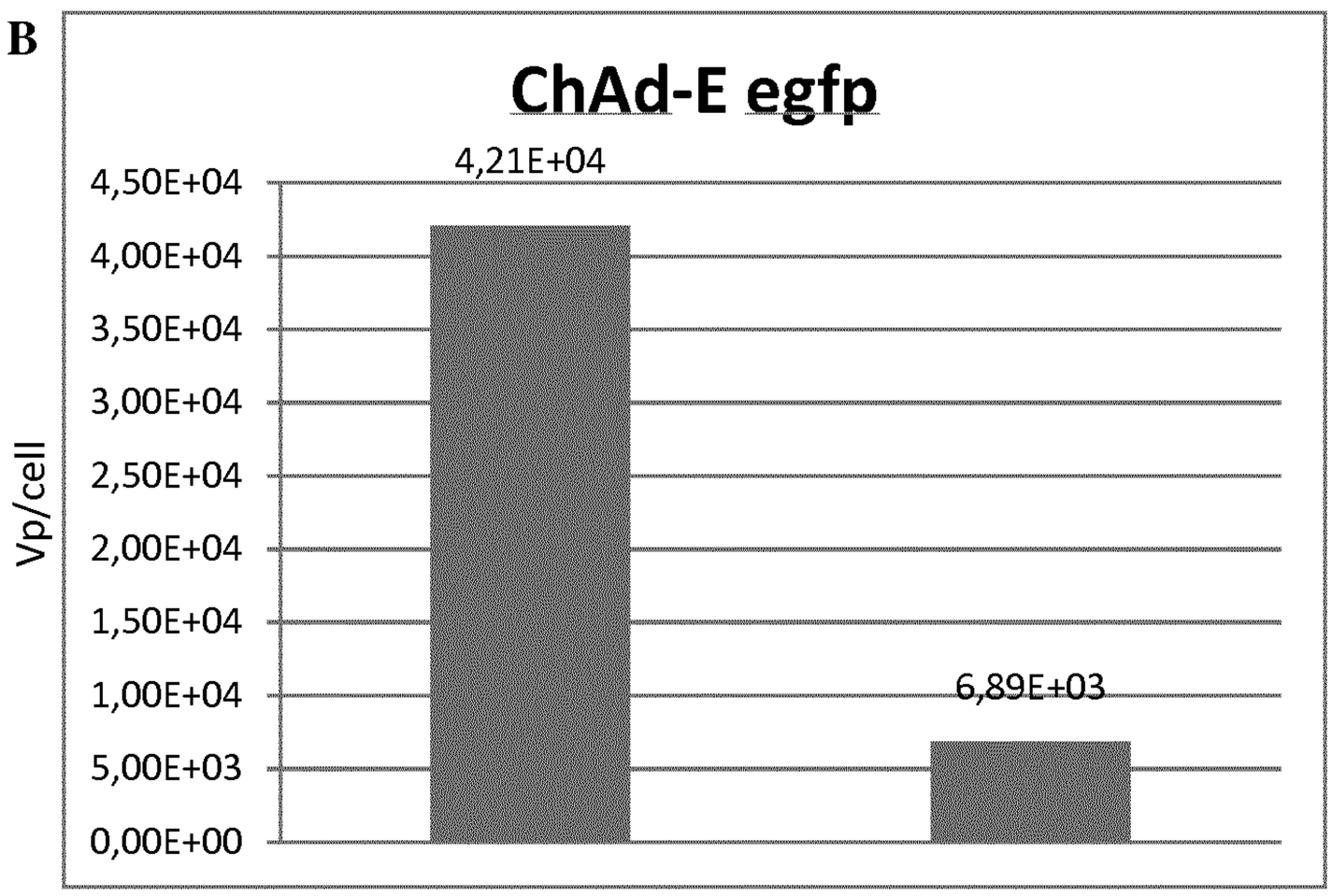
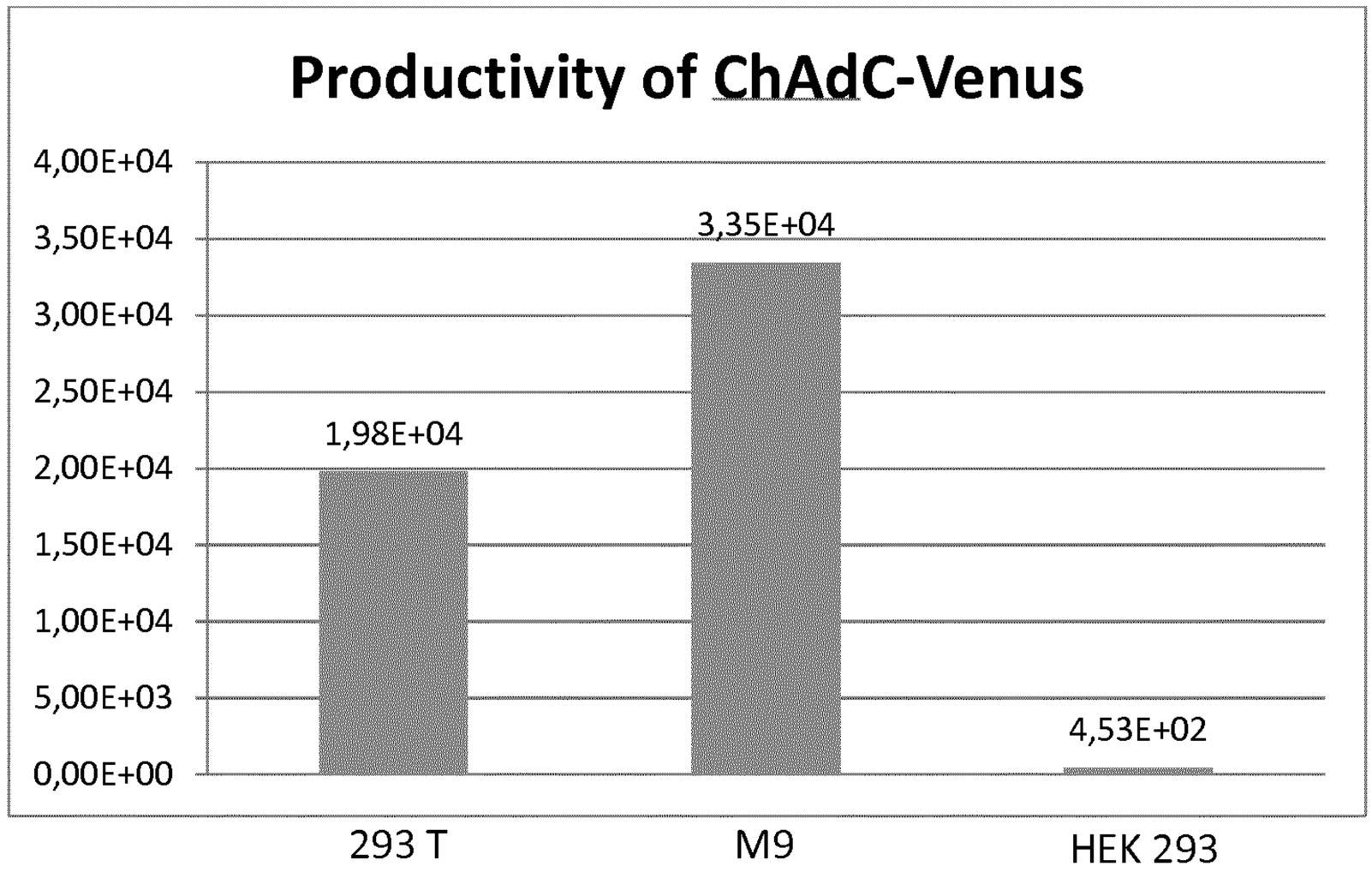

B
ChAd-E egfp
Vp/cell
4,50E+04
4,00E+04
3,50E+04
3,00E+04
2,50E+04
2,00E+04
1,50E+04
1,00E+04
5,00E+03
0,00E+00
4,21E+04
6,89E+03
M9
HEK 293

**Figure 6**

**A**


Productivity of ChAdC-Venus
4,00E+04
3,50E+04
3,00E+04
2,50E+04
2,00E+04
1,50E+04
1,00E+04
5,00E+03
0,00E+00
1,98E+04
3,35E+04
4,53E+02
293 T
M9
HEK 293

**B**

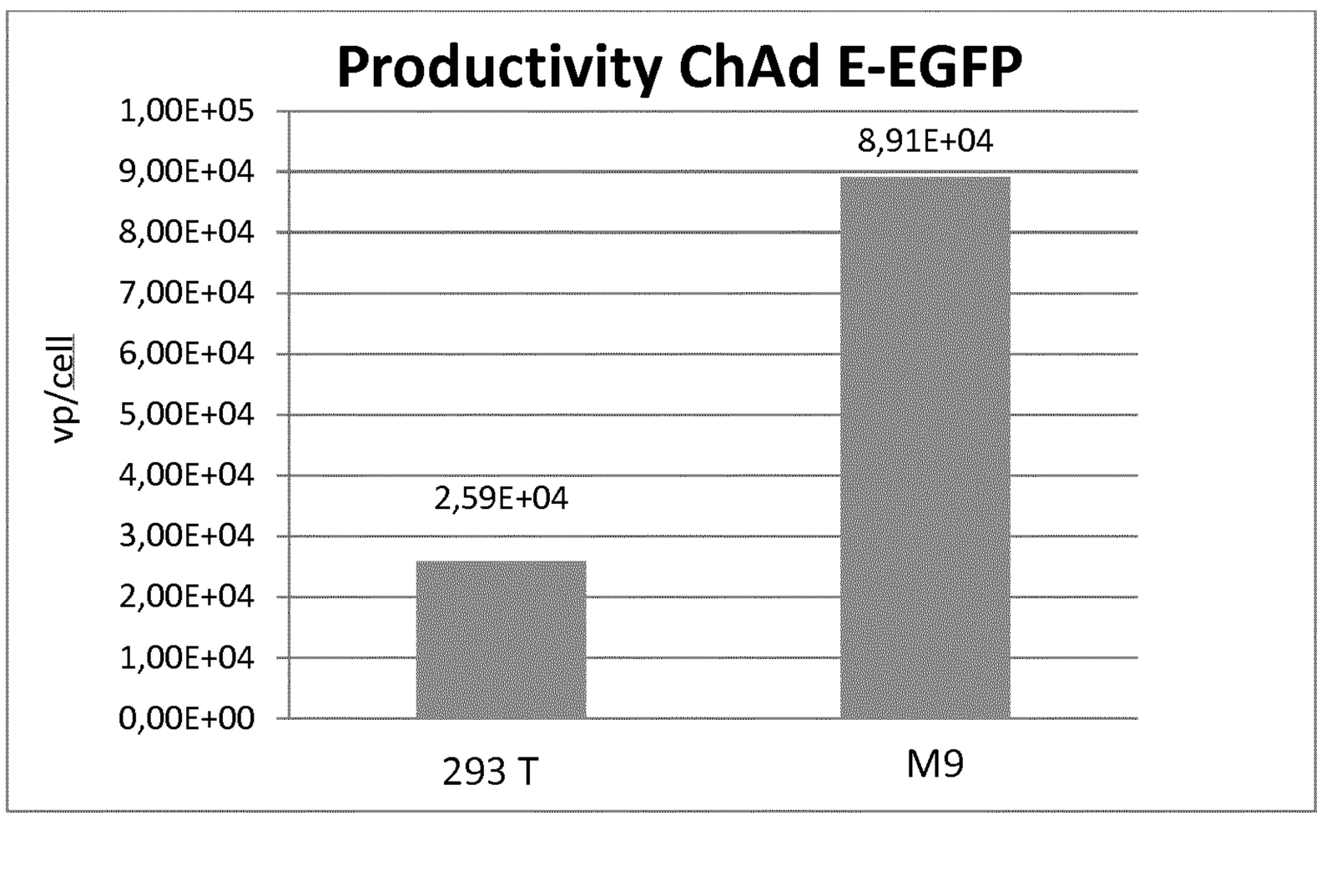
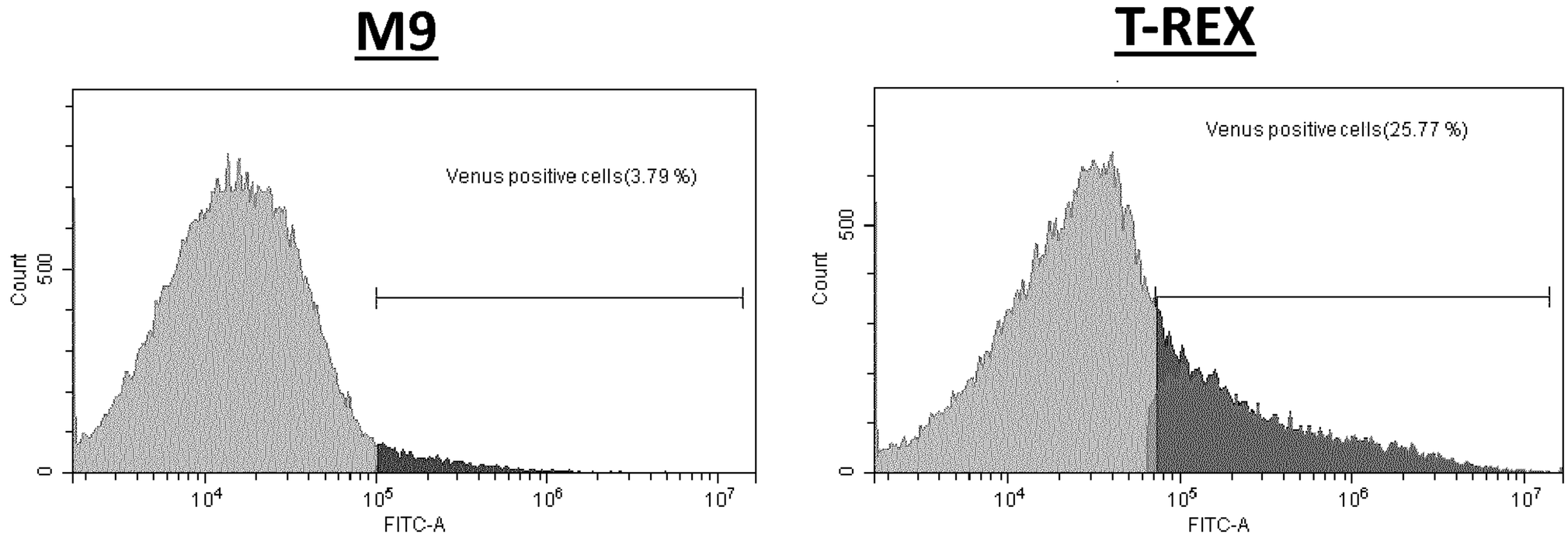

Productivity ChAd E-EGFP
vp/cell
1,00E+05
9,00E+04
8,00E+04
7,00E+04
6,00E+04
5,00E+04
4,00E+04
3,00E+04
2,00E+04
1,00E+04
0,00E+00
2,59E+04
8,91E+04
293 T
M9

**Figure 7**

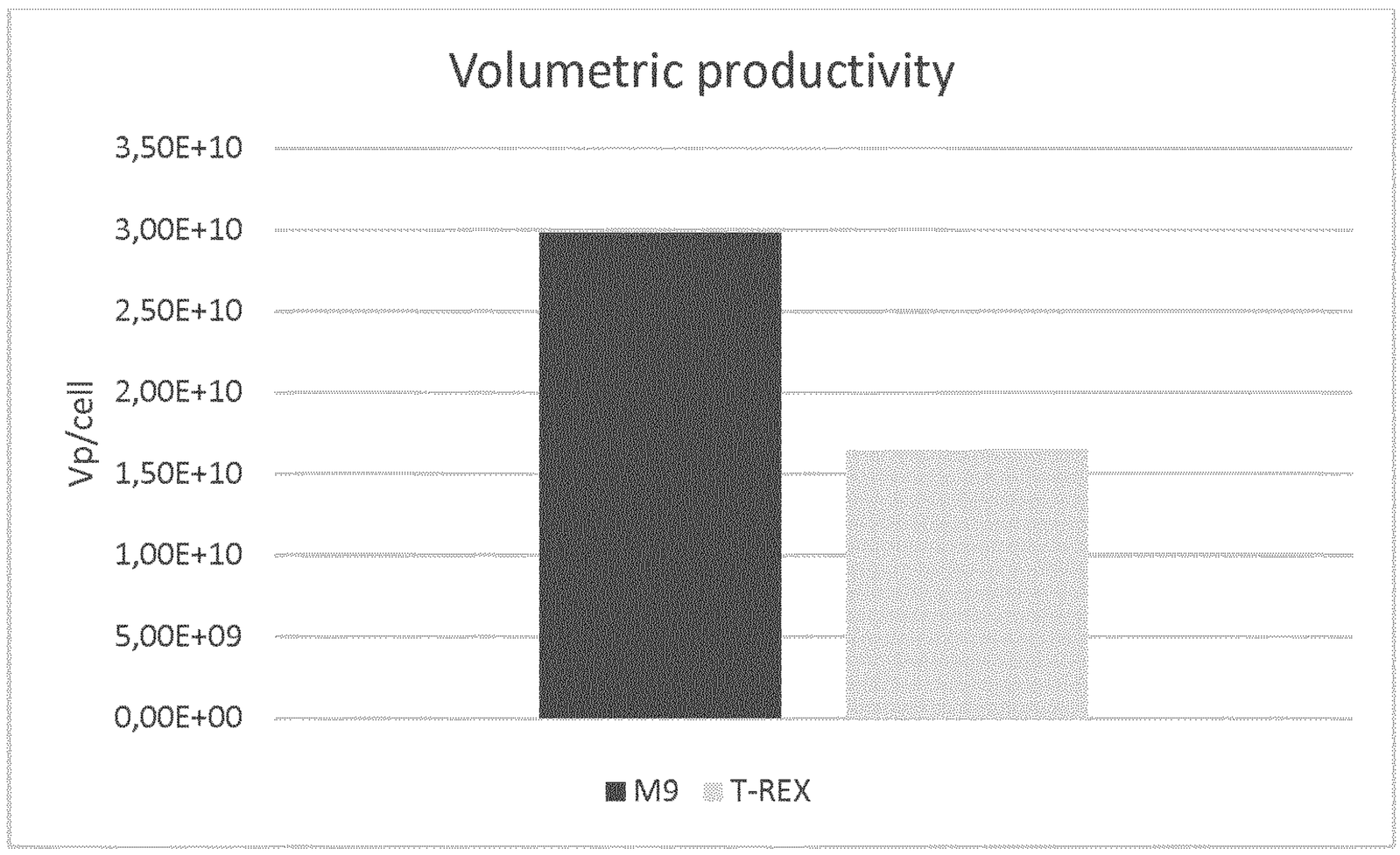



| Venus pos. Cell 3,8% |
|---|
| MFI 4,0e+05 |

| Venus pos. Cell 26 % |
|---|
| MFI 6,5e+05 |

**Figure 8**

**A**


Volumetric productivity
3,50E+10
3,00E+10
2,50E+10
2,00E+10
1,50E+10
1,00E+10
5,00E+09
0,00E+00
Vp/cell
M9
T-REX

**B**

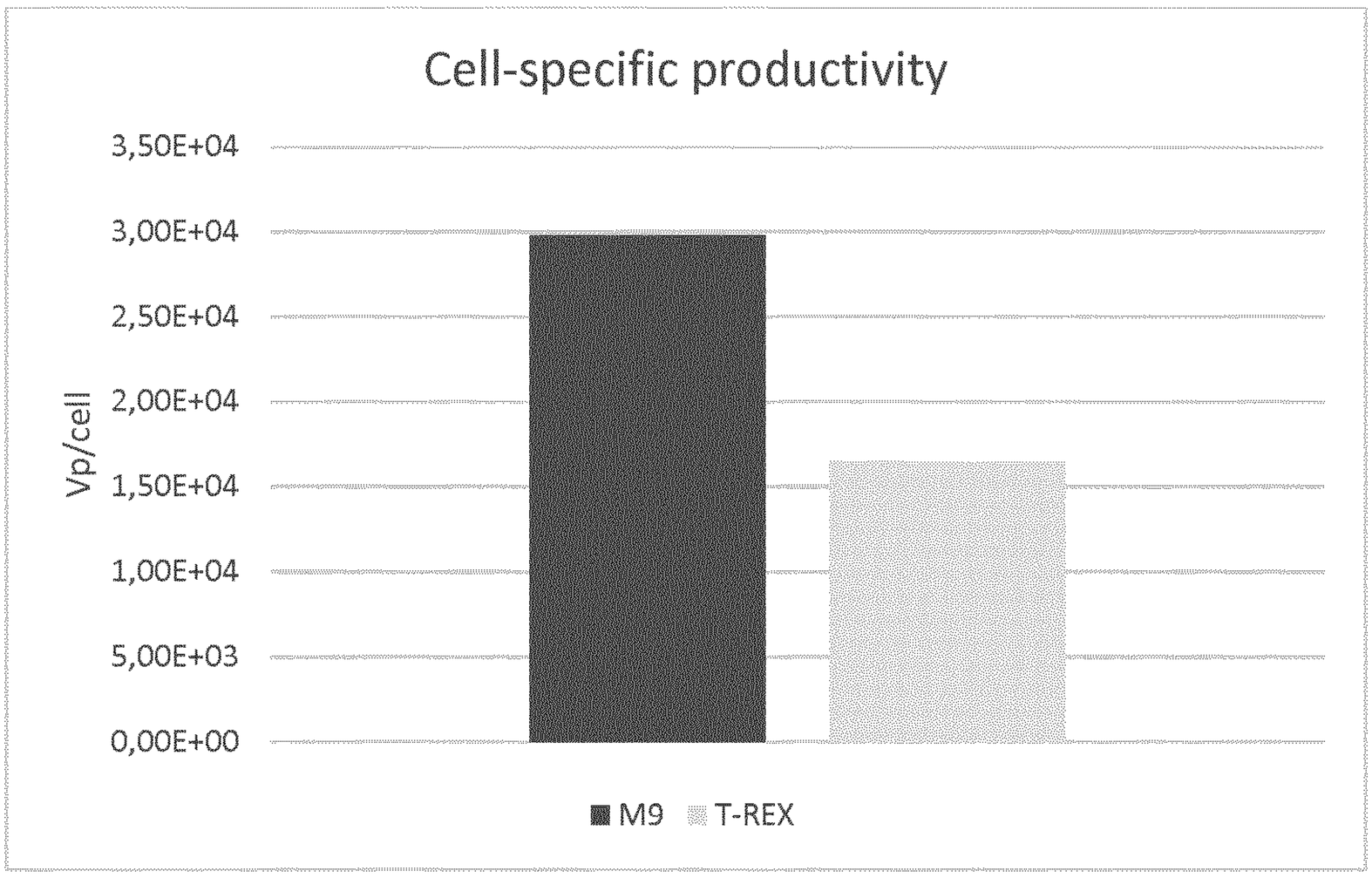
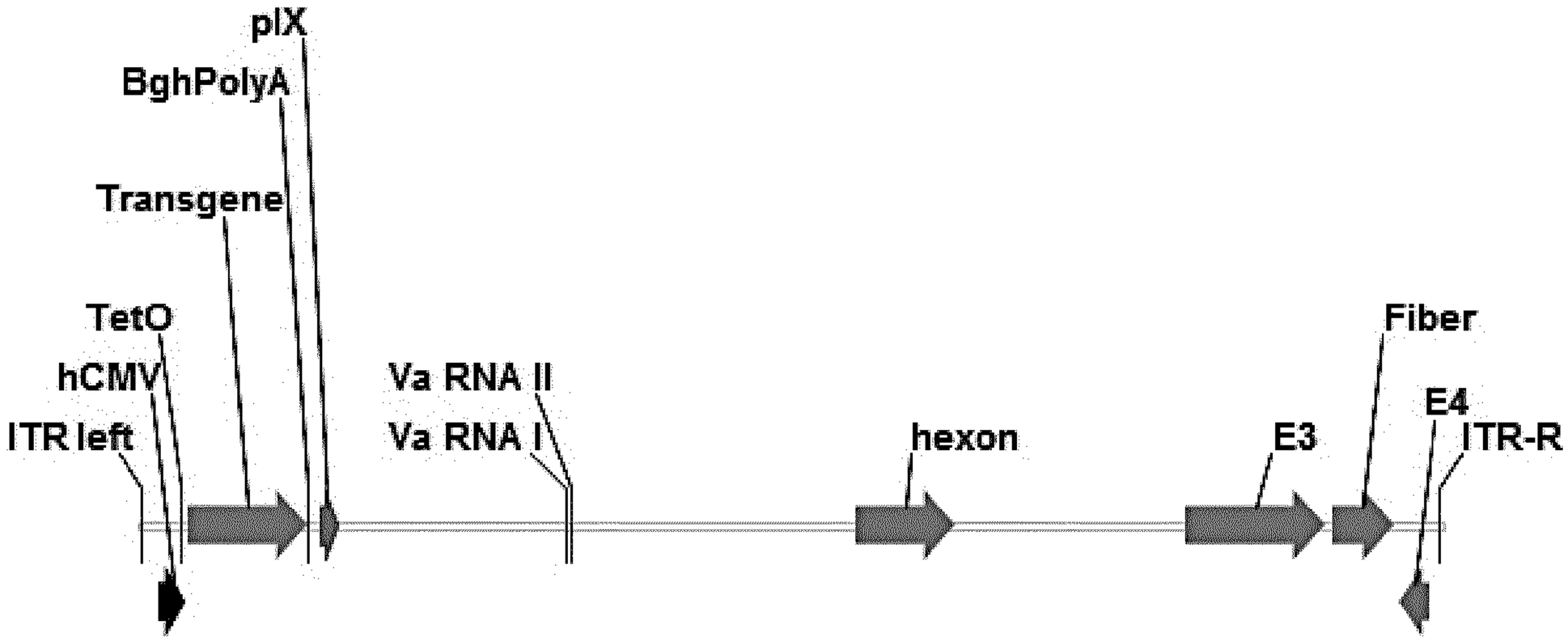

Cell-specific productivity
3,50E+04
3,00E+04
2,50E+04
2,00E+04
1,50E+04
1,00E+04
5,00E+03
0,00E+00
Vp/cell
M9
T-REX

**Figure 9**




**Adenoviral vector carrying a HCMV promotor with TetO**

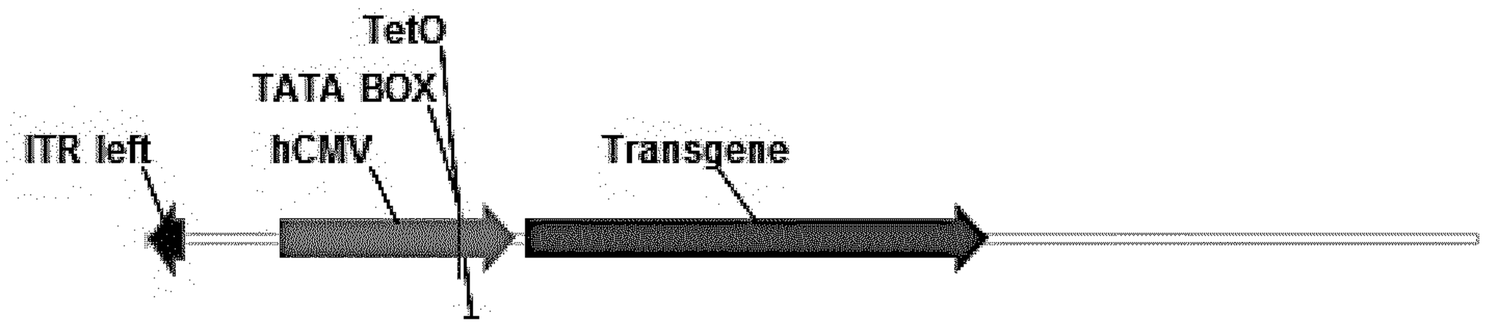
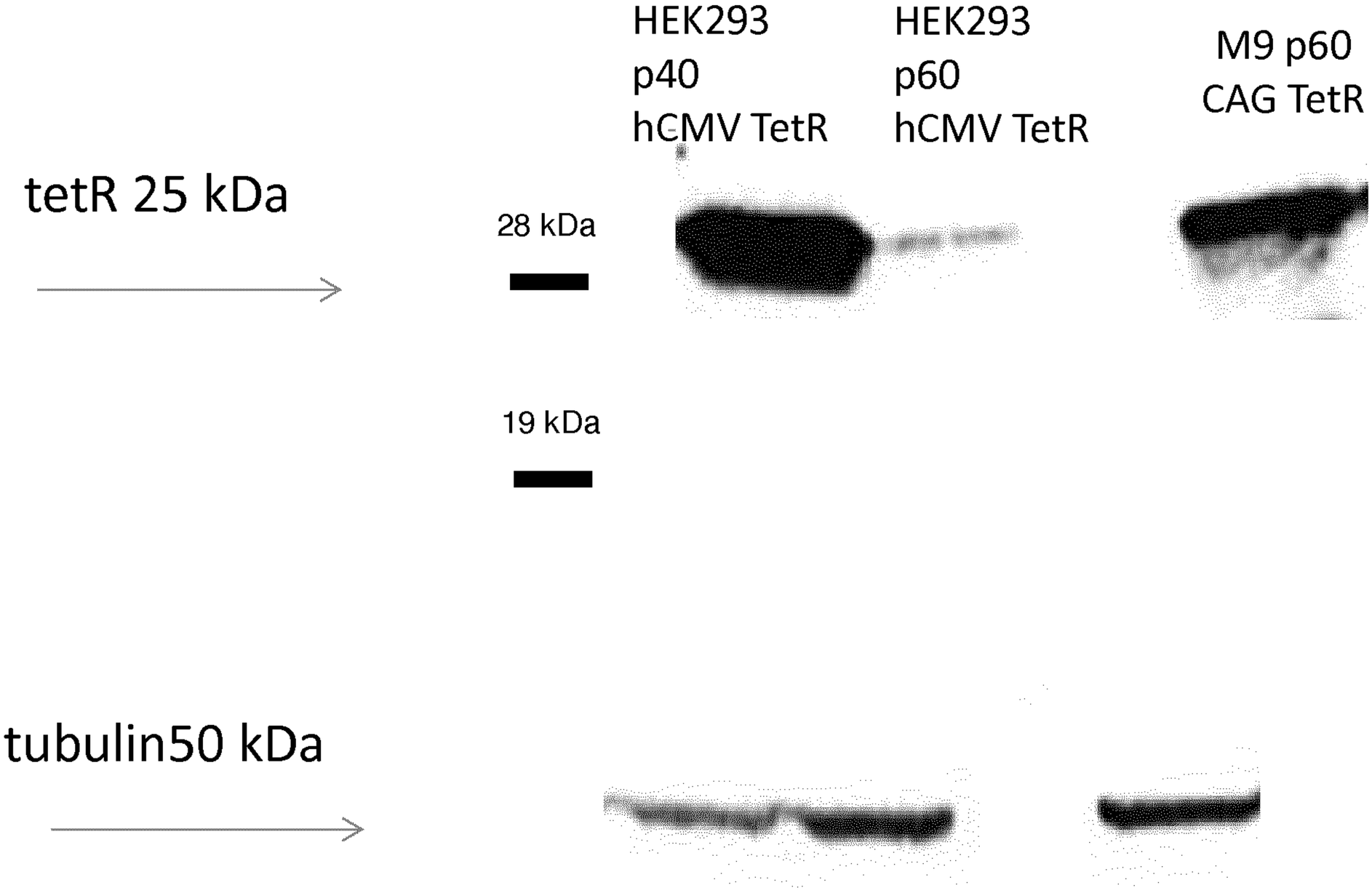



Diagram of the expression cassette including TetO sequences

**Figure 10**


HEK293
p40
hCMV TetR
HEK293
p60
hCMV TetR
M9 p60
CAG TetR
tetR 25 kDa
28 kDa
19 kDa
tubulin50 kDa

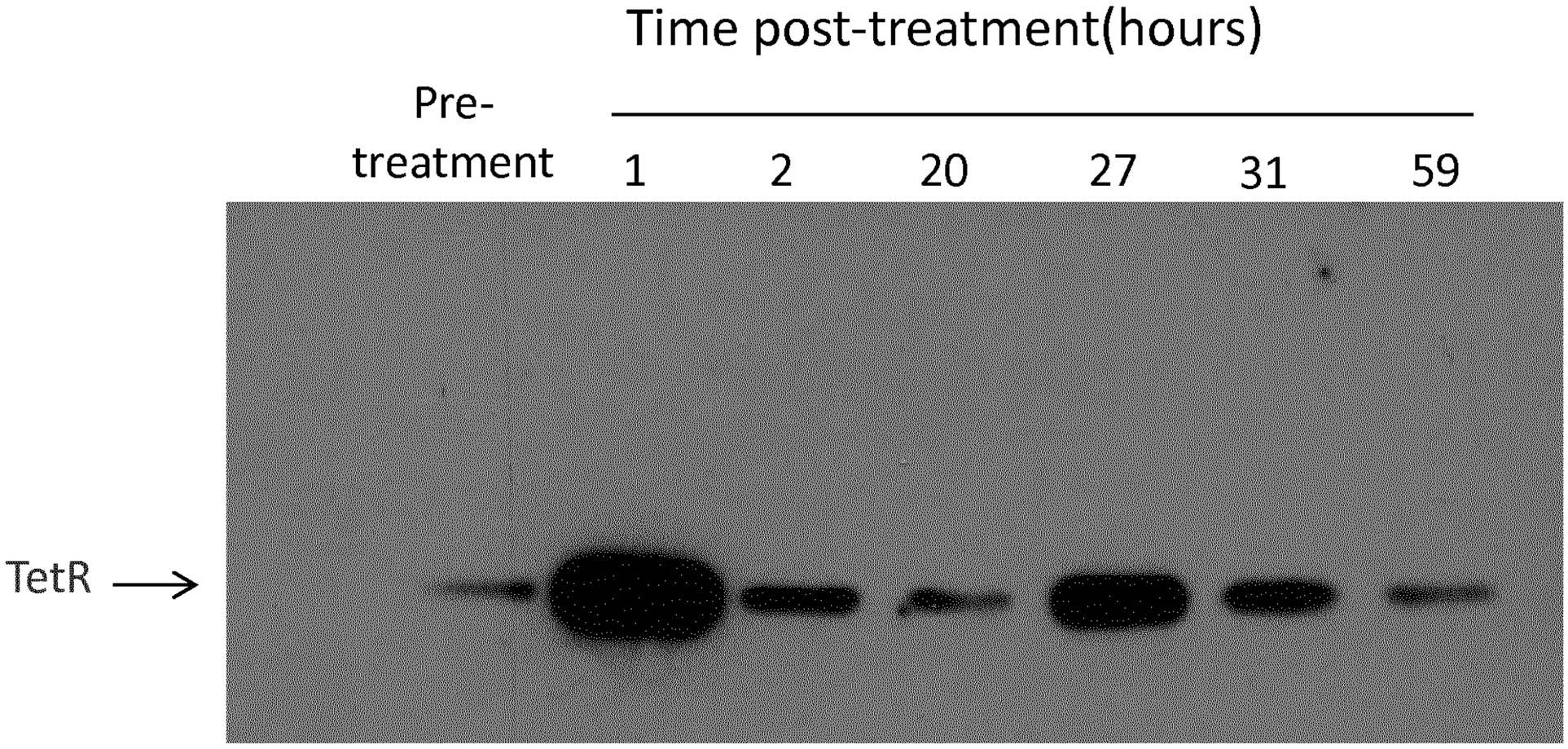



**Figure 11**