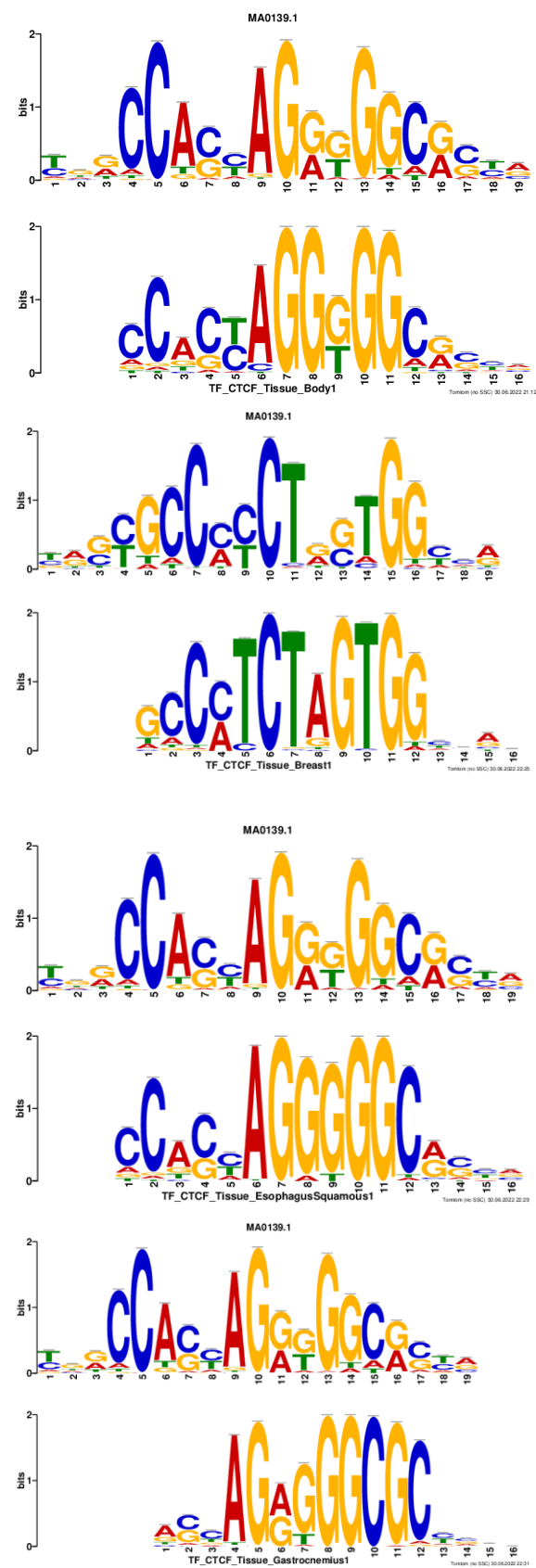


S11 Fig

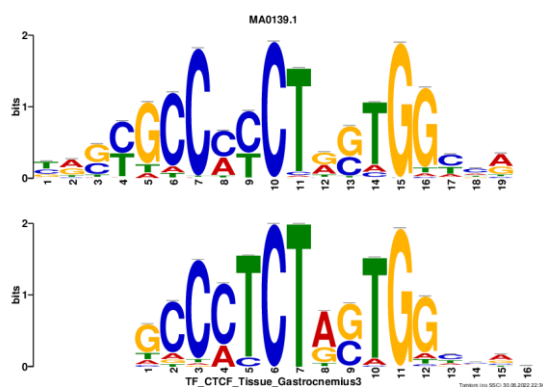


| | |
|-----------------|------------------|
| TF | CTCF |
| Tissue | Body of pancreas |
| <i>P</i> -value | 2.69e-18 |
| <i>E</i> -value | 5.25e-15 |
| <i>q</i> -value | 1.05e-14 |

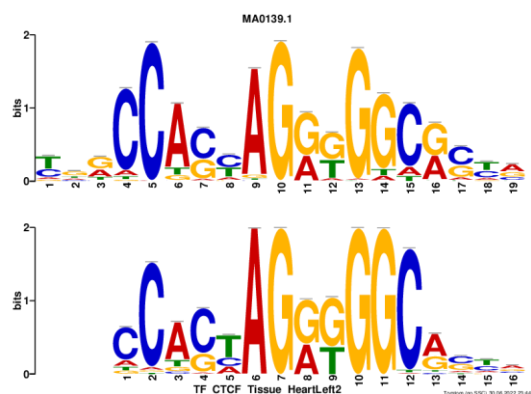
| | |
|-----------------|-------------------|
| TF | CTCF |
| Tissue | Breast epithelium |
| <i>P</i> -value | 1.53e-08 |
| <i>E</i> -value | 2.99e-05 |
| <i>q</i> -value | 5.98e-05 |

| | |
|-----------------|--------------------|
| TF | CTCF |
| Tissue | Esophagus squamous |
| <i>P</i> -value | 3.06e-16 |
| <i>E</i> -value | 5.99e-13 |
| <i>q</i> -value | 1.19e-12 |

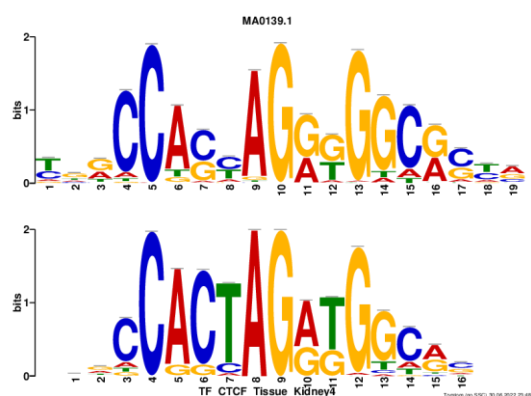
| | |
|-----------------|---------------|
| TF | CTCF |
| Tissue | Gastrocnemius |
| <i>P</i> -value | 1.41e-08 |
| <i>E</i> -value | 2.76e-05 |
| <i>q</i> -value | 2.76e-05 |



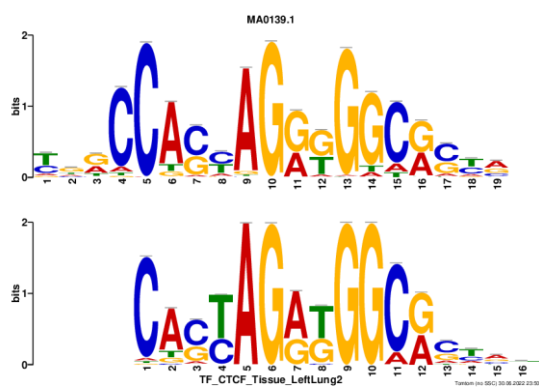
| | |
|-----------------|---------------|
| TF | CTCF |
| Tissue | Gastrocnemius |
| <i>P</i> -value | 1.13e-08 |
| <i>E</i> -value | 2.22e-05 |
| <i>q</i> -value | 4.43e-05 |



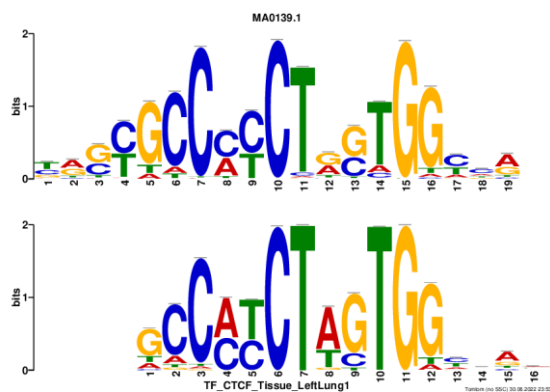
| | |
|-----------------|----------------------|
| TF | CTCF |
| Tissue | Heart left ventricle |
| <i>P</i> -value | 9.15e-15 |
| <i>E</i> -value | 1.79e-11 |
| <i>q</i> -value | 1.79e-11 |



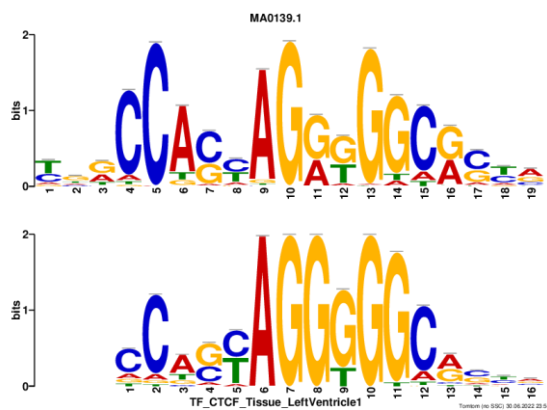
| | |
|-----------------|----------|
| TF | CTCF |
| Tissue | Kidney |
| <i>P</i> -value | 4.90e-11 |
| <i>E</i> -value | 9.58e-08 |
| <i>q</i> -value | 9.58e-08 |



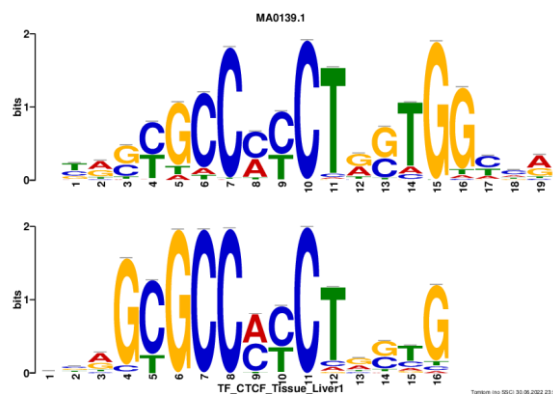
| | |
|-----------------|-----------|
| TF | CTCF |
| Tissue | Left lung |
| <i>P</i> -value | 1.96e-10 |
| <i>E</i> -value | 3.84e-07 |
| <i>q</i> -value | 3.84e-07 |



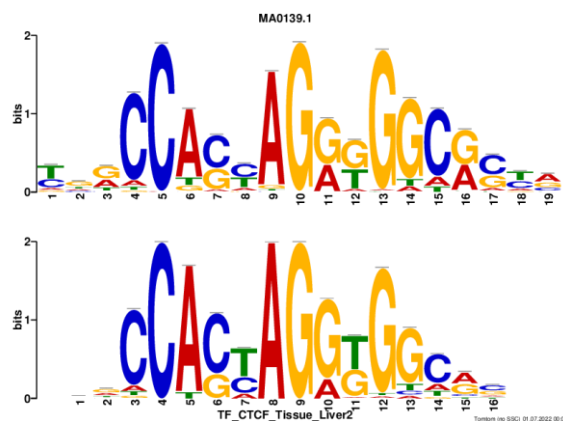
| | |
|-----------------|-----------|
| TF | CTCF |
| Tissue | Left lung |
| <i>P</i> -value | 6.38e-09 |
| <i>E</i> -value | 1.25e-05 |
| <i>q</i> -value | 2.50e-05 |



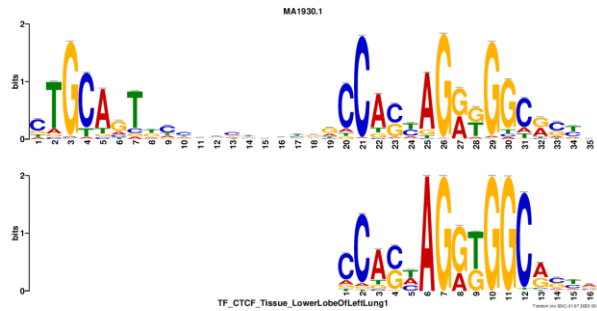
| | |
|-----------------|------------------------------|
| TF | CTCF |
| Tissue | Left ventricle myocardium |
| <i>P</i> -value | 7.55e-16 |
| <i>E</i> -value | 1.48e-12 |
| <i>q</i> -value | 2.94e-12 |



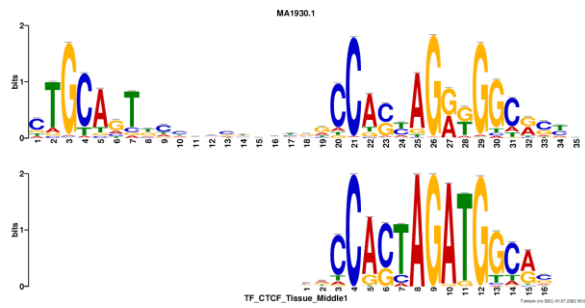
| | |
|-----------------|----------|
| TF | CTCF |
| Tissue | Liver |
| <i>P</i> -value | 1.80e-11 |
| <i>E</i> -value | 3.51e-08 |
| <i>q</i> -value | 4.21e-08 |



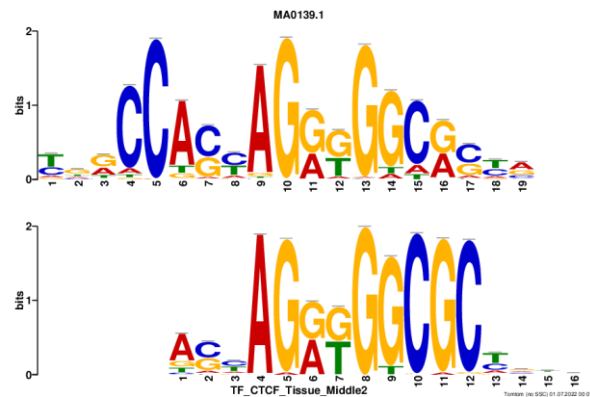
| | |
|-----------------|----------|
| TF | CTCF |
| Tissue | Liver |
| <i>P</i> -value | 7.45e-16 |
| <i>E</i> -value | 1.46e-12 |
| <i>q</i> -value | 1.56e-12 |



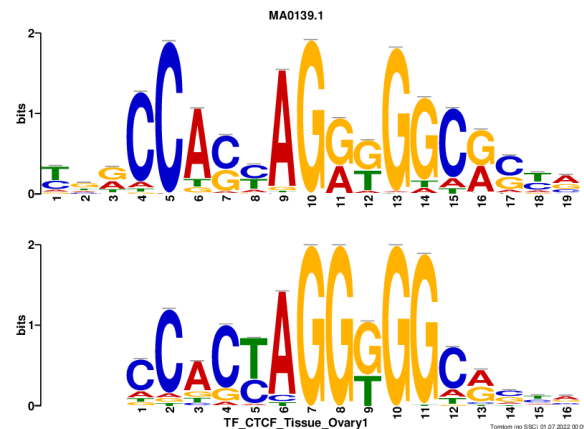
| | |
|-----------------|-------------------------|
| TF | CTCF |
| Tissue | Lower lobe of left lung |
| <i>P</i> -value | 8.14e-16 |
| <i>E</i> -value | 1.59e-12 |
| <i>q</i> -value | 3.18e-12 |



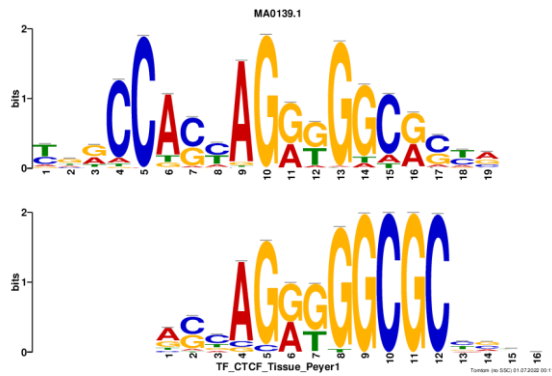
| | |
|-----------------|------------------------|
| TF | CTCF |
| Tissue | Middle frontal area 46 |
| <i>P</i> -value | 1.06e-07 |
| <i>E</i> -value | 2.07e-04 |
| <i>q</i> -value | 3.18e-04 |



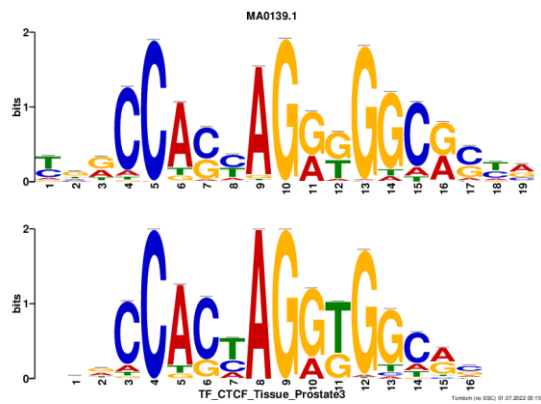
| | |
|-----------------|------------------------|
| TF | CTCF |
| Tissue | Middle frontal area 46 |
| <i>P</i> -value | 4.57e-09 |
| <i>E</i> -value | 8.94e-06 |
| <i>q</i> -value | 1.78e-05 |



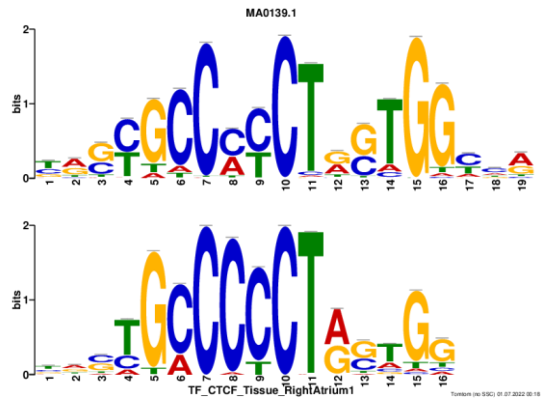
| | |
|-----------------|----------|
| TF | CTCF |
| Tissue | Ovary |
| <i>P</i> -value | 8.75e-16 |
| <i>E</i> -value | 1.71e-12 |
| <i>q</i> -value | 3.42e-12 |



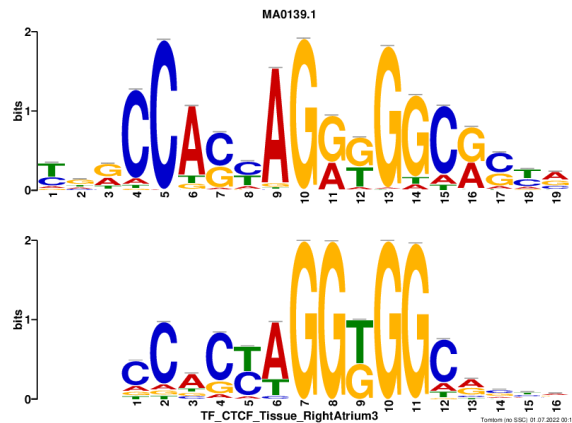
| | |
|-----------------|----------------------|
| TF | CTCF |
| Tissue | Peyer's patch testis |
| <i>P</i> -value | 2.98e-09 |
| <i>E</i> -value | 5.82e-06 |
| <i>q</i> -value | 8.34e-06 |



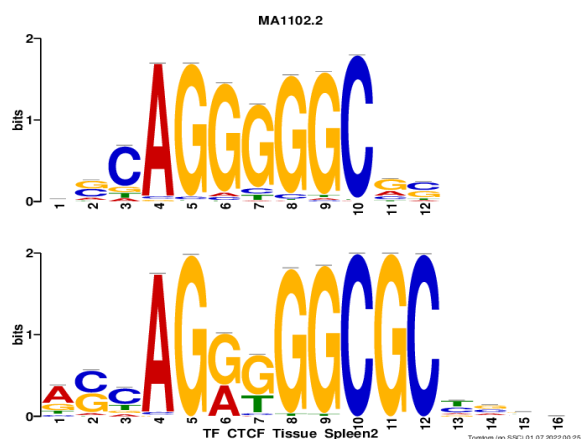
| | |
|-----------------|----------------|
| TF | CTCF |
| Tissue | Prostate gland |
| <i>P</i> -value | 1.95e-13 |
| <i>E</i> -value | 3.82e-10 |
| <i>q</i> -value | 7.20e-10 |



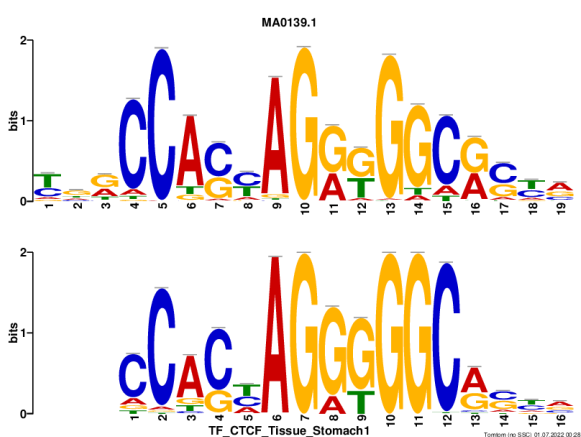
| | |
|-----------------|-------------------------------|
| TF | CTCF |
| Tissue | Right atrium auricular region |
| <i>P</i> -value | 4.44e-13 |
| <i>E</i> -value | 8.68e-10 |
| <i>q</i> -value | 1.73e-09 |



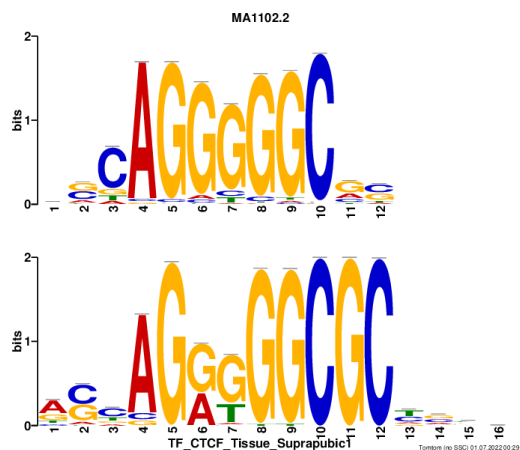
| | |
|-----------------|-------------------------------|
| TF | CTCF |
| Tissue | Right atrium auricular region |
| <i>P</i> -value | 5.68e-16 |
| <i>E</i> -value | 1.11e-12 |
| <i>q</i> -value | 2.22e-12 |



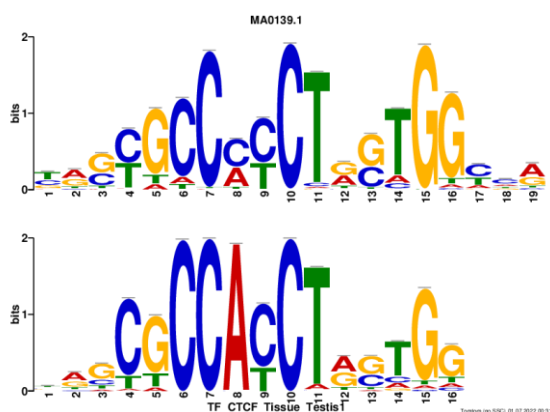
| | |
|---------|----------|
| TF | CTCF |
| Tissue | Spleen |
| P-value | 2.83e-09 |
| E-value | 5.54e-06 |
| q-value | 1.09e-05 |



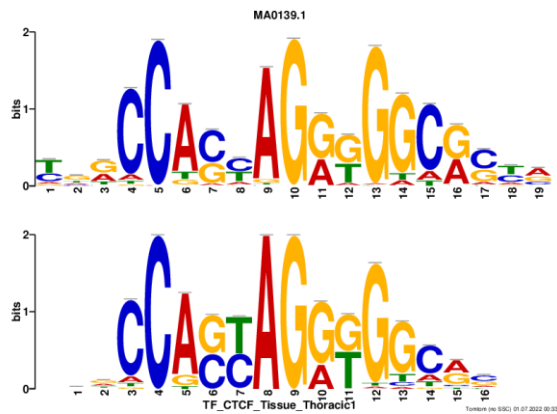
| | |
|---------|----------|
| TF | CTCF |
| Tissue | Stomach |
| P-value | 5.31e-16 |
| E-value | 1.04e-12 |
| q-value | 2.07e-12 |



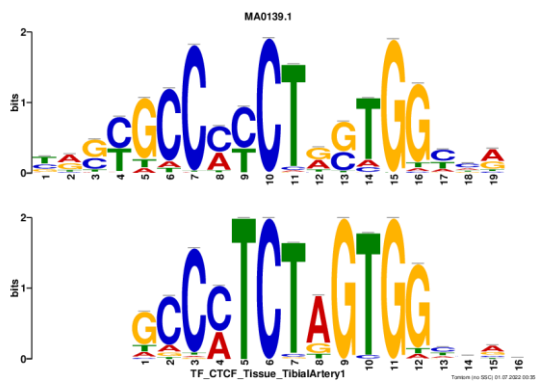
| | |
|---------|-----------------|
| TF | CTCF |
| Tissue | Suprapubic skin |
| P-value | 2.54e-09 |
| E-value | 4.96e-06 |
| q-value | 9.79e-06 |



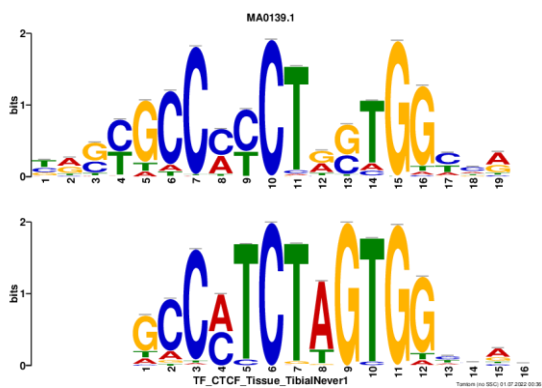
| | |
|---------|----------|
| TF | CTCF |
| Tissue | Testis |
| P-value | 1.98e-11 |
| E-value | 3.88e-08 |
| q-value | 7.73e-08 |



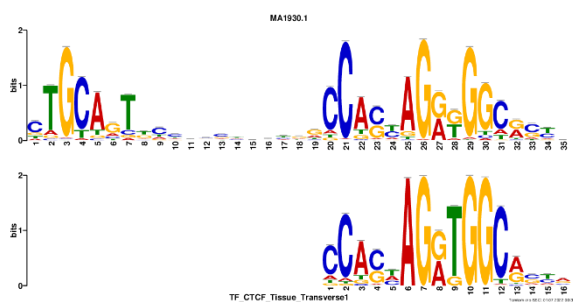
| | |
|-----------------|----------------|
| TF | CTCF |
| Tissue | Thoracic aorta |
| <i>P</i> -value | 1.57e-18 |
| <i>E</i> -value | 3.07e-15 |
| <i>q</i> -value | 6.09e-15 |



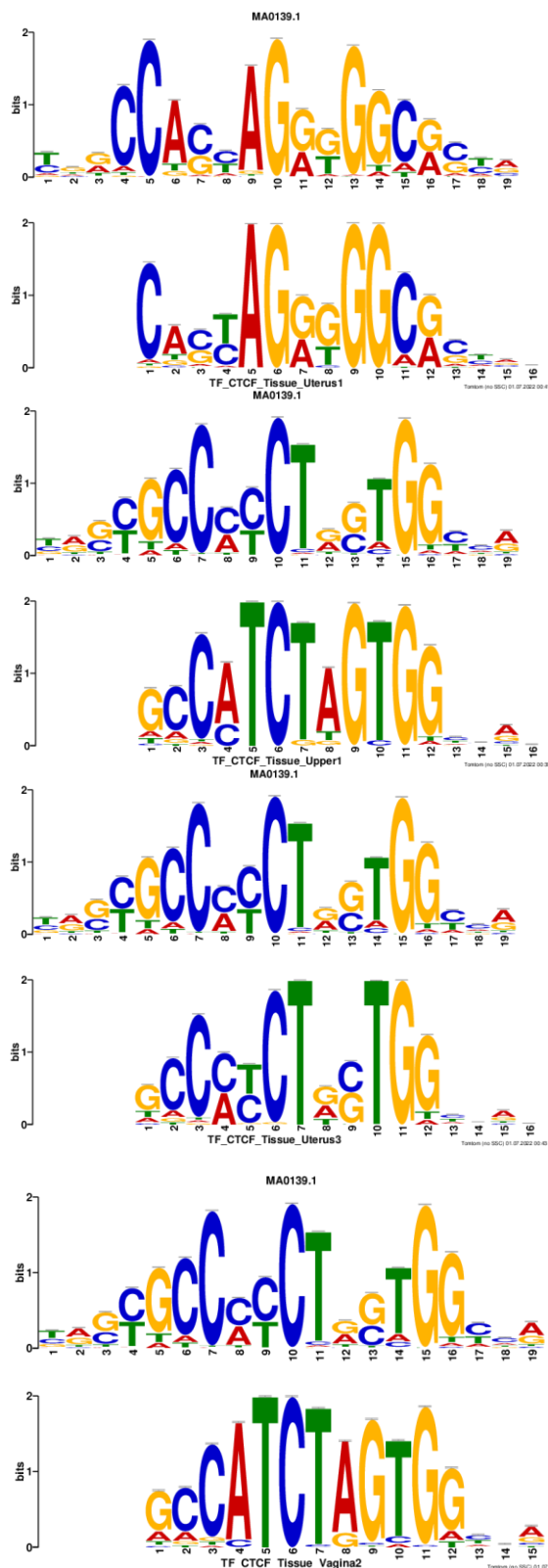
| | |
|-----------------|---------------|
| TF | CTCF |
| Tissue | Tibial artery |
| <i>P</i> -value | 8.23e-09 |
| <i>E</i> -value | 1.61e-05 |
| <i>q</i> -value | 3.22e-05 |



| | |
|-----------------|--------------|
| TF | CTCF |
| Tissue | Tibial nerve |
| <i>P</i> -value | 3.63e-08 |
| <i>E</i> -value | 7.09e-05 |
| <i>q</i> -value | 7.09e-05 |



| | |
|-----------------|------------------|
| TF | CTCF |
| Tissue | Transverse colon |
| <i>P</i> -value | 2.78e-13 |
| <i>E</i> -value | 5.43e-10 |
| <i>q</i> -value | 1.09e-09 |



| | |
|-----------------|-------------------------|
| TF | CTCF |
| Tissue | Upper lobe of left lung |
| <i>P</i> -value | 3.11e-07 |
| <i>E</i> -value | 6.09e-04 |
| <i>q</i> -value | 1.18e-03 |

| | |
|-----------------|----------|
| TF | CTCF |
| Tissue | Uterus |
| <i>P</i> -value | 7.29e-13 |
| <i>E</i> -value | 1.43e-09 |
| <i>q</i> -value | 2.85e-09 |

| | |
|-----------------|----------|
| TF | CTCF |
| Tissue | Uterus |
| <i>P</i> -value | 2.76e-13 |
| <i>E</i> -value | 5.39e-10 |
| <i>q</i> -value | 1.07e-09 |

| | |
|-----------------|----------|
| TF | CTCF |
| Tissue | Vagina |
| <i>P</i> -value | 5.03e-07 |
| <i>E</i> -value | 9.85e-05 |
| <i>q</i> -value | 1.97e-04 |

S11 Fig. Comparison of the similarity between CTCF motifs identified by GHTNet and validated motifs in different tissues.