Результаты

- Только то, что отвечает на вопрос
- Выстроить в порядке важности
- Утверждение – доказательство – ближняя интерпретация

- *Use past tense for completed actions:
  - We found that…
  - Women were more likely to…
  - Men smoked more cigarettes than…
  - The average reaction time was…
- *Use the present tense for assertions that continue to be true, such as what the tables show, what you believe, and what the data suggest:
  - Figure 1 shows…
  - The findings confirm…
  - The data suggest…
  - We believe that this shows…

33% поправились, 33% похудели, третий пациент умер

- 10.2% - N>100
- 53%- N<100
- Никаких процентов при N<20

Таблицы, графики и текст

	Плюсы	Минусы
Текст	• Описать паттерн	• Показать много цифр
Таблица	• Много цифр • Много деталей • Ясная структура	• Не видно паттерна
График	• Много цифр • Видно паттерн • Ясная структура	• Не видно точных значений

Таблицы, графики и текст

- Не дублировать!
- Таблицы
  - Сравнение нескольких групп по нескольким признакам
  - Точные значения со статистиками
  - Разные размерности
  - В статьях и дипломах (НИККОГДА в докладах!!!)
- Графики
  - Сравнение нескольких групп по одному признаку
  - Распределения
  - Зависимости между двумя признаками

Таблицы, графики текст

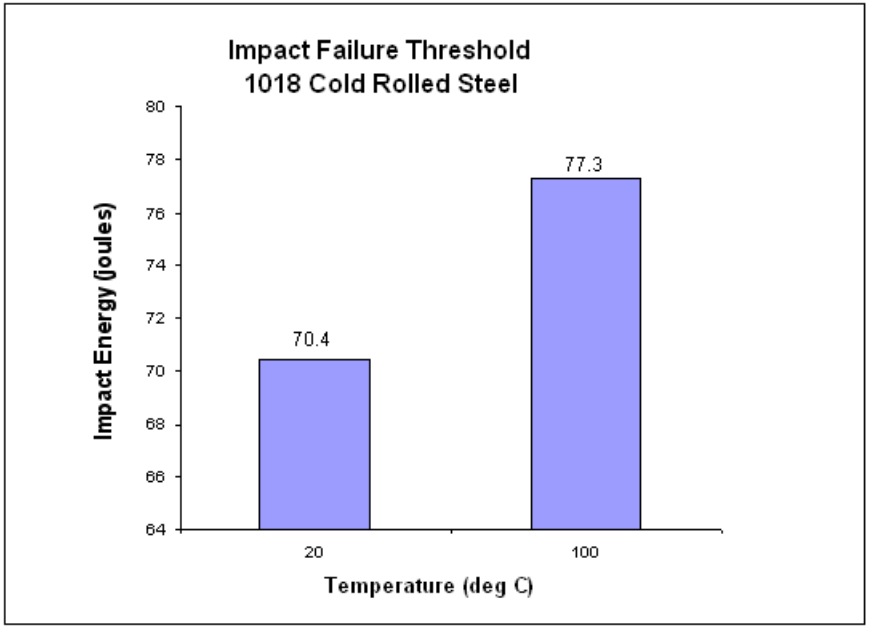

Table 2. Impact failure threshold of 1018 cold rolled steel

Temperature (deg C)	Mean Impact Energy (joules)
20	70.4
100	77.3

Таблицы, графики текст

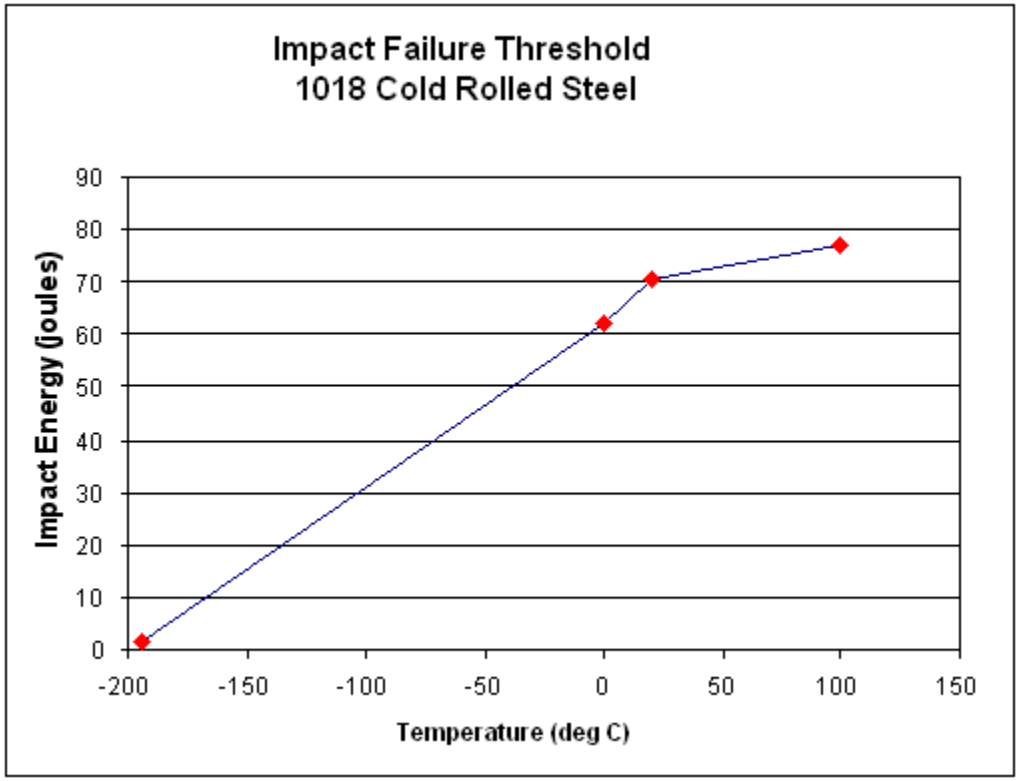

Table 3. Impact failure threshold of 1018 cold rolled steel

Temperature (deg C)	Mean Impact Energy (joules)
-150	1.4
0	62.2
20	70.4
100	77.3

Категорическая таблица

Table 1. A selection of hypotheses of the origin of Metazoa

Hypothesis name	Ancestral body plan	Lifestyle	Transition to cell differentiation	Cell types
Gastraea (Fig. 1)	Blastula-like colony	Pelagic	Invagination	Ectoderm and endoderm[11]
Parenchymella or phagocytella	Blastula-like colony	Pelagic	Immigration	Ectoderm and endoderm[81,82]
Planula	Morula-like colony	Pelagic	Delamination	Ectoderm and endoderm[83]
Genitogastrula	Stomoblastula-like or blastula-like colony	Pelagic	Immigration or invagination	Ectoderm and gonocytes[78,84]
Gallertoid	Blastula-like colony with extracellular matrix and basal lamina	Pelagic	Immigration	Outer epithelial, inner mesenchymal cells[16,85]
Placula	Single-layered colony arranged in a flat plate	Near-bottom swimmer	Delamination	Ectoderm and endoderm[13,15–19]
Bilaterogastraea	Blastula-like colony with gonocytes	Near-bottom swimmer	Immigration and invagination	Ectoderm, endoderm, and gonocytes[86,87]
Primary colony	*Proterospongia*-like asexual colony	Benthic, sedentary	Cell types predated multicellularity	Various somatic cell types and gonocytes[68]
Synzoospore (Fig. 1B) and related hypotheses	Composite life cycle with primary larva	Bentho-pelagic with sedentary benthic stage	Cell types predated multicellularity	Trophozoites, zoospores, and gonocytes[35–37,79,88–90]
Contact aggregation	Optional or temporary *Dictyostelium*-like aggregates	Benthic, slow moving	Cell types predated multicellularity	Cell types as in extant Porifera[91,92]
Cellularization	Non-colonial polyenergid ciliate-like protist	Near-bottom swimmer	Compartmentalization of the multinucleate unicellular protist	All necessary cell types[93,94]

Table 1. Descriptive characteristics of the study groups, means ± SD or N (%).

Characteristic	Bad Witches	Good Witches
N	13	12
Age (yrs)	45 ± 5	36 ± 6*
Female	11 (85%)	10 (83%)
BMI (kg/m^2)	21 ± 6	23 ± 3
Systolic BP (mmHg)	140 ± 10	120 ± 9*
Exercise (min/day)	30 ± 20	60 ± 30*
Employment status		
Unemployed	4 (31%)	0 (0%)
Part time	3 (23%)	4 (33%)
Full time	6 (46%)	8 (66%)
Smoker (yes/no)	6 (50%)	0 (0%)*

*p<.05, ttest or Fisher's exact test, as appropriate.

What not to do!

Use a reasonable number of significant figures.

Table 1. Descriptive characteristics of the study groups, means ± SD or N (%).

Characteristic	Bad Witches	Good Witches
N	13	12
Age (yrs)	45.076 ± 5.032	36.007 ± 6.032*
Female	11 (85%)	10 (83%)
BMI (kg/m^2)	21.223 ± 6.332	23.331 ± 3.333
Systolic BP (mmHg)	140.23 ± 10.23	120.23 ± 9.23*
Exercise (min/day)	30.244 ± 20.345	60.123 ± 30.32*
Employment status		
Unemployed	4 (31%)	0 (0%)
Part time	3 (23%)	4 (33%)
Full time	6 (46%)	8 (66%)
Smoker (yes/no)	6 (50%)	0 (0%)*

*p<.05, ttest or Fisher's exact test, as appropriate.

TABLE 2

Comparison between the lengths of synaptonemal complexes and mitotic metaphase chromosomes in the common shrew

Chromosome	Absolute length of SC in μm		Relative length of SC[a]		Relative length of mitotic chromosomes[b]	% difference from expected relative length ratio[c]
	Mean	SD	Mean	SD		
af	24.7	3.8	17.3	1.0	17.3	0.0
bc	24.9	4.0	17.5	1.0	20.5	-14.9
d	11.1	1.9	7.8	0.7	9.4	-17.2
gm	14.1	2.0	9.9	0.6	9.2	7.6
hi	17.0	2.7	11.9	0.8	10.8	10.1
jl	14.6	2.2	10.2	0.7	8.9	15.1
k[d]	7.7	1.2	5.4	0.5	4.5	20.0
n[d]	5.6	0.8	4.0	0.4	3.4	16.8
o[d]	5.2	0.8	3.6	0.4	3.6	0.3
pr	7.7	1.1	5.4	0.4	5.8	-6.9
q[d]	4.3	0.7	3.0	0.3	3.0	-0.3
tu	5.8	0.9	4.1	0.4	3.4	19.4

[a] % of total autosomal SC length.

[b] % of total autosomal mitotic length (calculated from the data of KRÁL and RADJABLI, 1974).

[c] Calculated as [(relative SC length/relative mitotic chromosome length)-1]*100.

[d] The data for the arms of the chromosomes showing Robertsonian variation were averaged for acrocentric homozygotes, metacentric homozygotes of various arm combinations and heterozygotes.

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pr	7.7	1.1	5.4	0.4	5.8	-6.9
q[d]	4.3	0.7	3.0	0.3	3.0	-0.3
tu	5.8	0.9	4.1	0.4	3.4	19.4

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[c] Calculated as [(relative SC length/relative mitotic chromosome length)-1]*100.

[d] The data for the arms of the chromosomes showing Robertsonian variation were averaged for acrocentric homozygotes, metacentric homozygotes of various arm combinations and heterozygotes.

Рисунки

- Нет фотошопу
- Только яркость и контраст, + еще больший контраст
- Ничего лишнего
- Буквы и масштаб
  - Arial font, between 8 and 12 point.
- RGB – CYMK

Доказательства

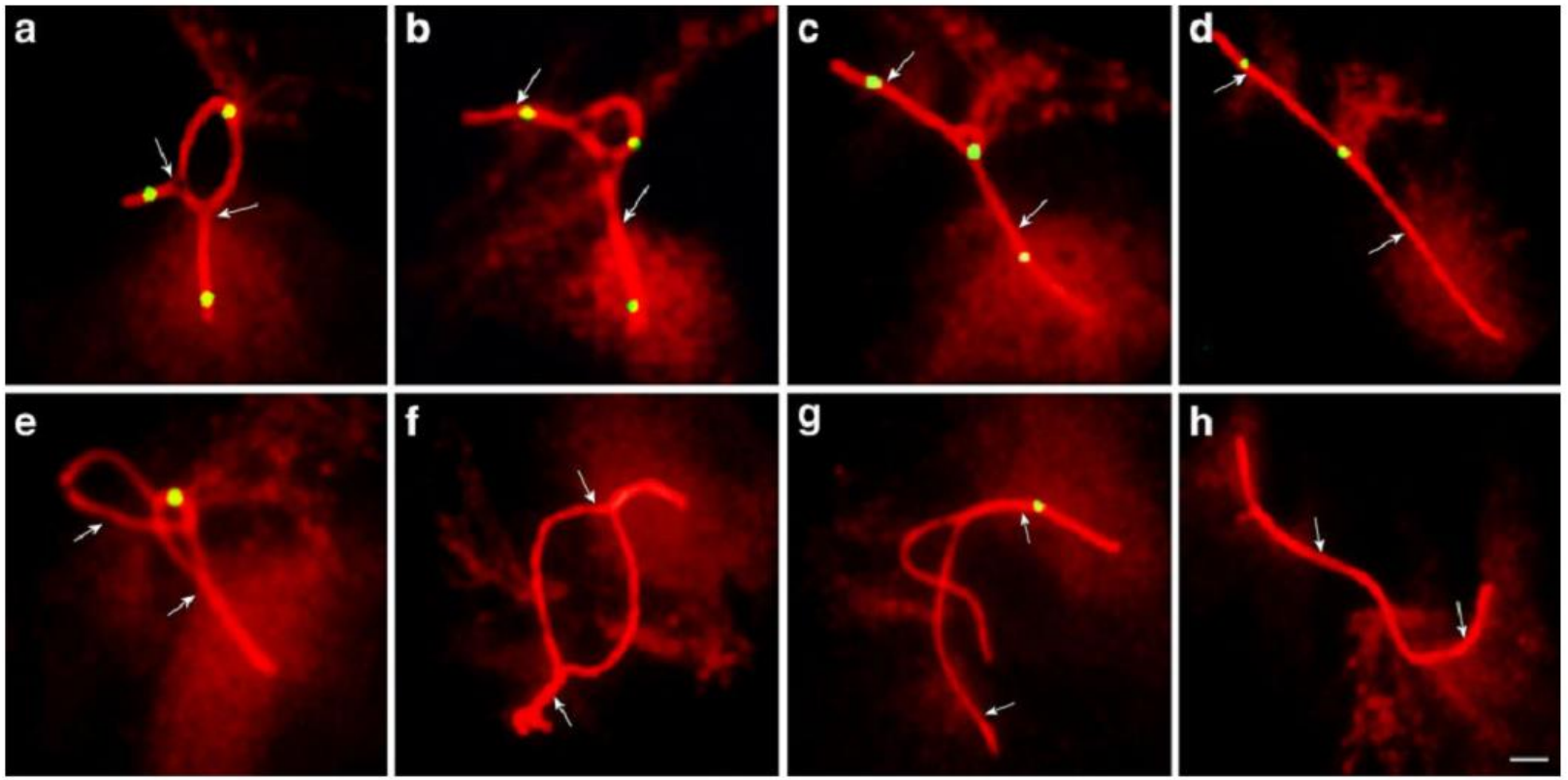

Fig. 4 Synaptic configurations of the Chr 1 bivalent in In1/+ mice. Combined images of the cells after sequential immunostaining with antibodies to SYCP3 (*red*) and MLH1 (*green*) and FISH with the Dist1 probe (*diffuse red*). The *arrows* indicate the inversion breakpoints. **a–c** Inversion loops of different sizes. **d** Straight bivalent. **e** Asynapsed pericentromeric region. **f** Asynapsed inverted region. **g** Asynapsed pericentromeric and inverted regions. **h** Anti-parallel synapsis (both chromosome ends show Dist1 signals). *Bar* represents 1 μm

Доказательства

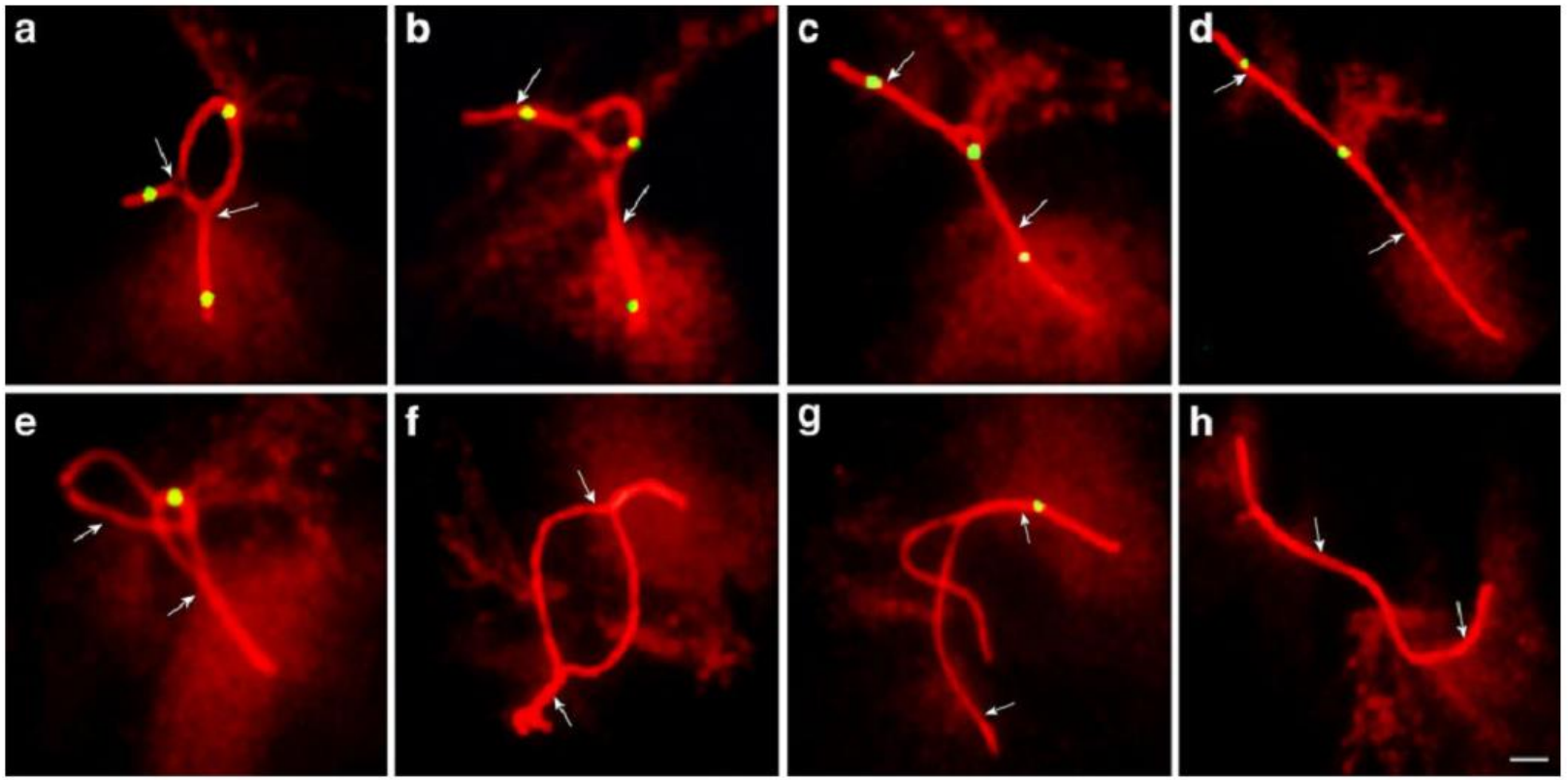

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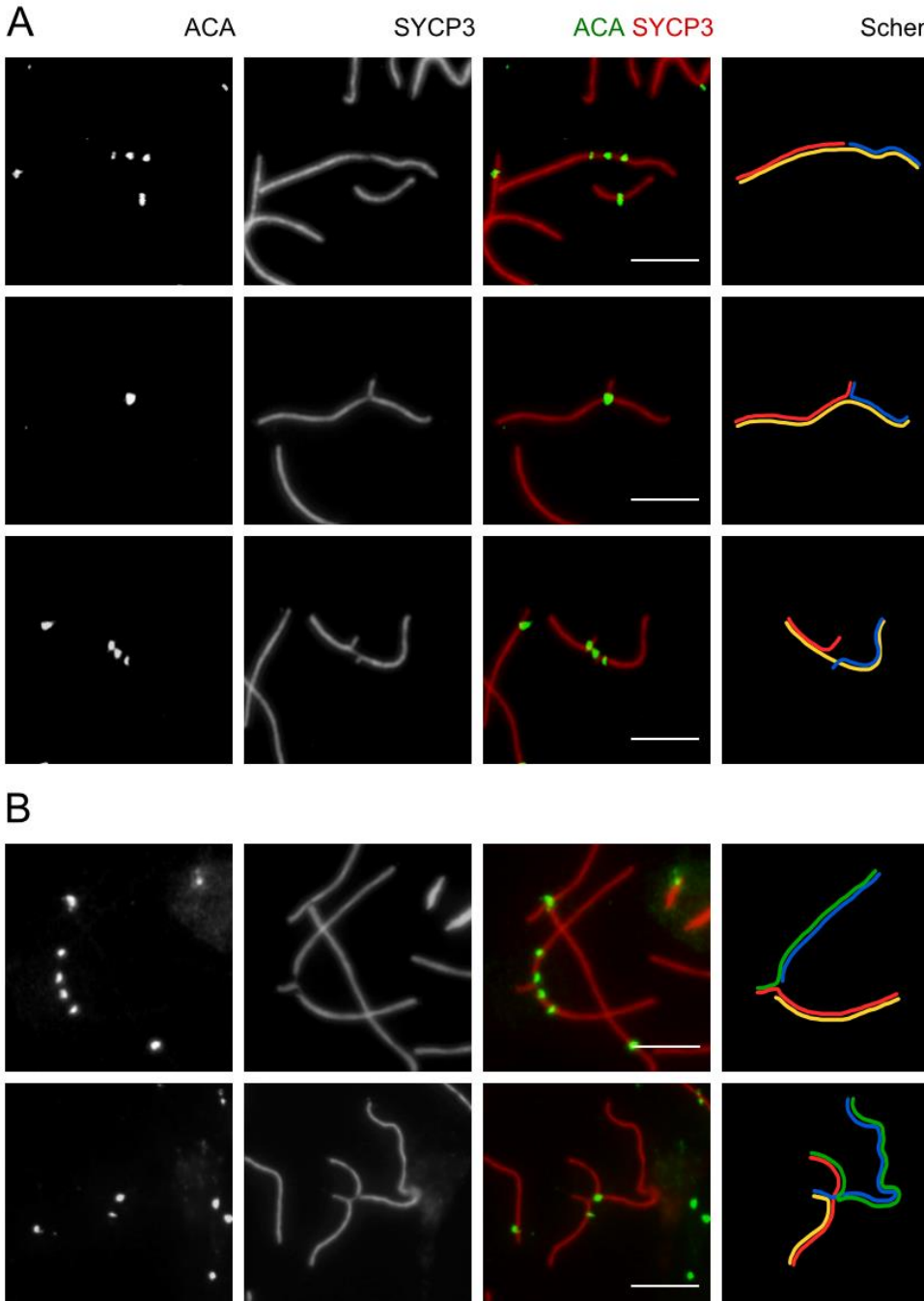
Figure 2. Synaptic configurations in surface spread pachytene spermatocytes of *C. talarum*.
A. Trivalent B2/RbB2B3/B3 (male #6). 1. Complete synapsis. 2. Side arm involving B2p and B3p. 3. Asynapsis of B2p and B3p.
B. Quadrivalent A1/RbA1B3/ RbB2B3/B3 (male #7). 1. Complete synapsis. 2. Side arm involving A1p and B3p. 3. Asynapsis and self-synapsis of A1p and B3p.
C. Quadrivalent A2/tA2A15/A15/tA15A2 (male #8). 1. Complete synapsis. 2. Heterosynapsis of A2p and A15p with asynapsed A15q. 3. Asynapsis and foldbacks in A2p and A15p.
Scale bar: 5 µm.



Диаграмма

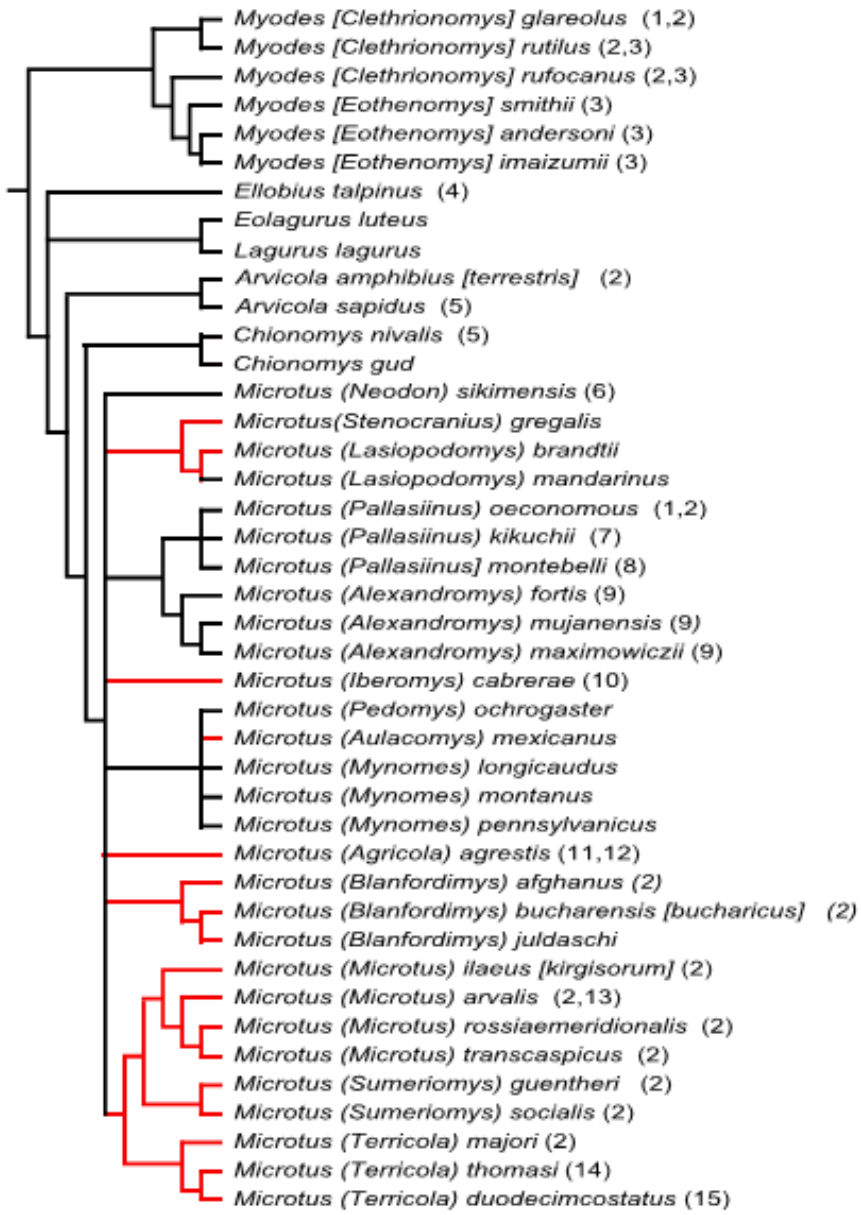


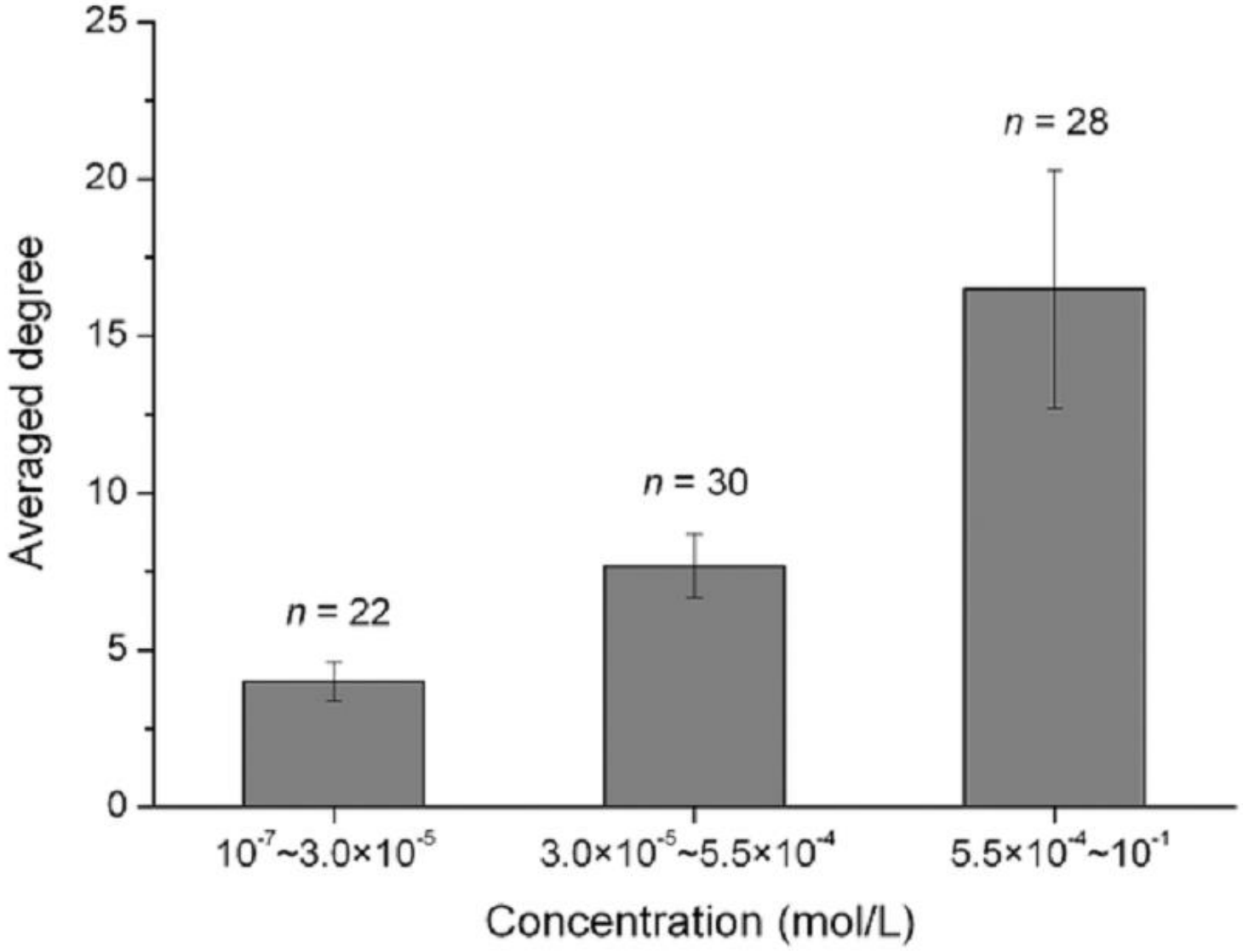
Fig. 1 Informal supertree of the arvicoline rodents with a known pattern of X–Y pairing. The tree is based on published molecular phylogenies (Abramson et al. 2009; Bannikova et al. 2009, 2010; Conroy and Cook 2000; Jaarola et al. 2004). Nodes receiving less than moderate support are reduced to polytomies. Species names are given according to recent publications and the checklist (Wilson and Reeder 2005). The subgenus names are given in *brackets*; the names used in the original publications are given in *square brackets*. *Numbers in parentheses* indicate the source of information about X–Y synaptic condition: *1* Ashley and Fredga 1994; *2* Borodin et al. 1995; *3* Iwasa et al. 1999; *4* Bogdanov et al. 1986; *5* Megias-Nogales et al. 2003; *6* Mekada et al. 2002; *7* Mekada et al. 2001; *8* Borodin et al. 1997; *9* Borodin et al. 2011; *10* Jimenez et al. 1991; *11* Ashley et al. 1990; *12* Wolf et al. 1988; *13* Ashley et al. 1989; *14* Rovatsos et al. 2008; *15* Camero et al. 1991. *Black lines* indicate synaptic species; *red lines*, asynaptic

Toward this goal, we applied electron and immuno... Our sample includes five species of the Nearctic grey...

Рисунки

- Нет фотошопу
- Только яркость и контраст, + еще больший контраст
- Ничего лишнего
- Буквы и масштаб
  - Arial font, between 8 and 12 point.
- RGB – CYMK

График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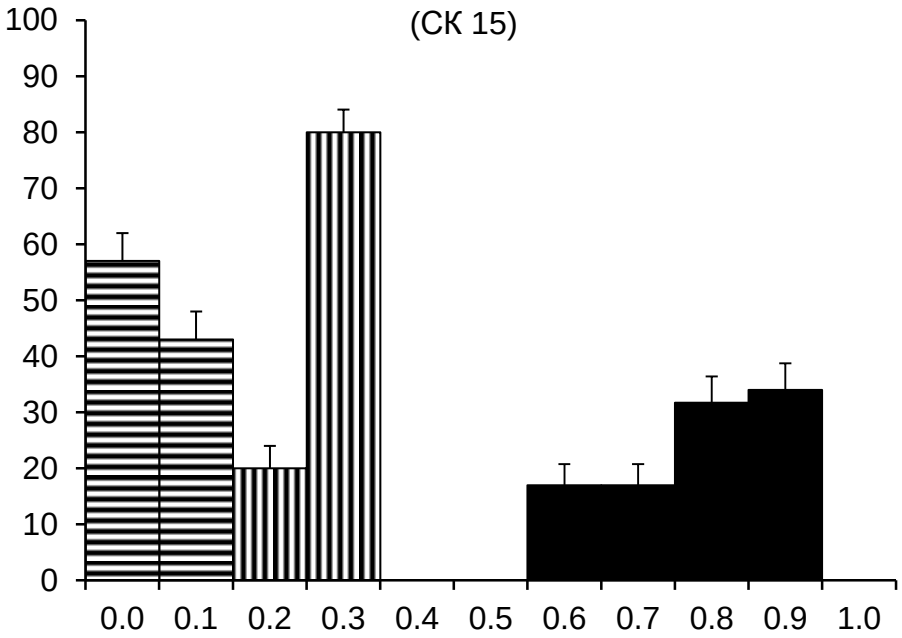
20
15
10
5
0
Averaged degree
n = 28
n = 30
n = 22
10-7~3.0×10-5
3.0×10-5~5.5×10-4
5.5×10-4~10-1
Concentration (mol/L)


(CK 15)
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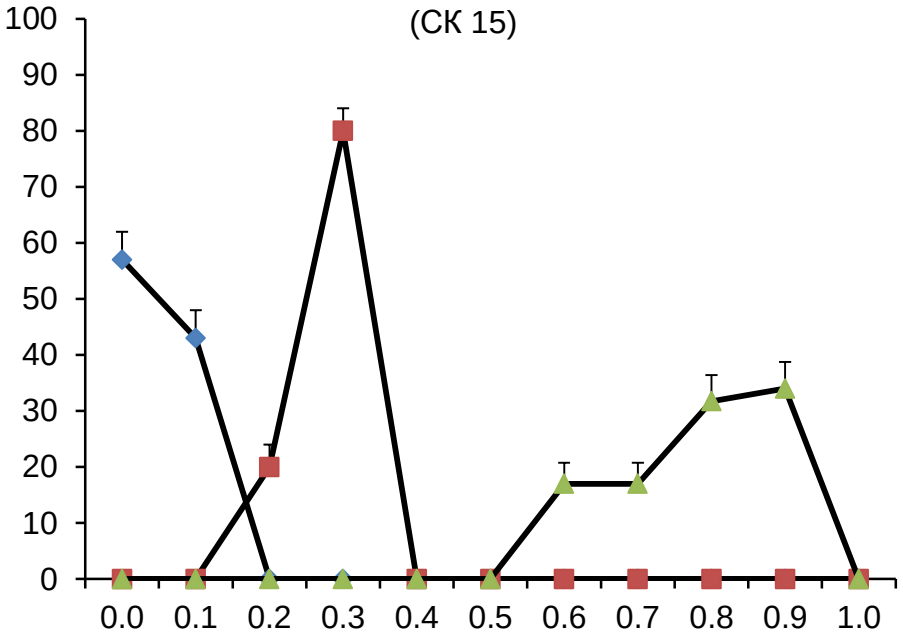
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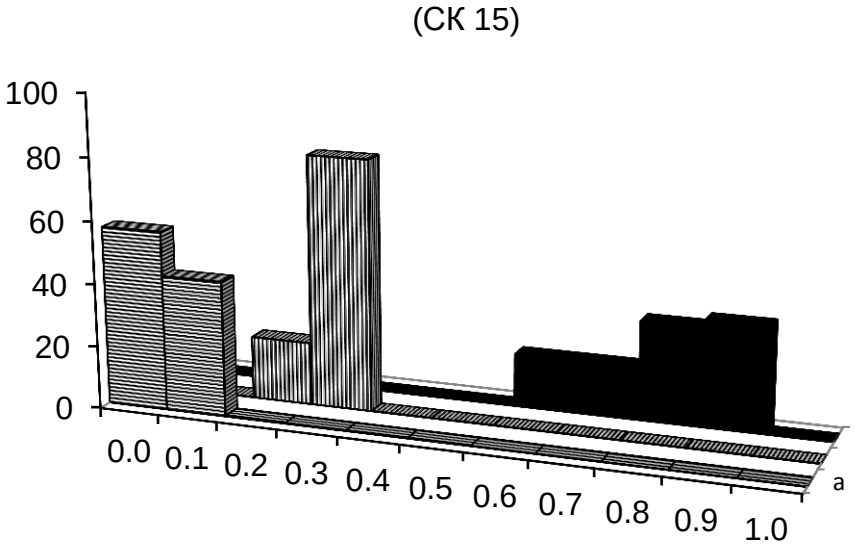
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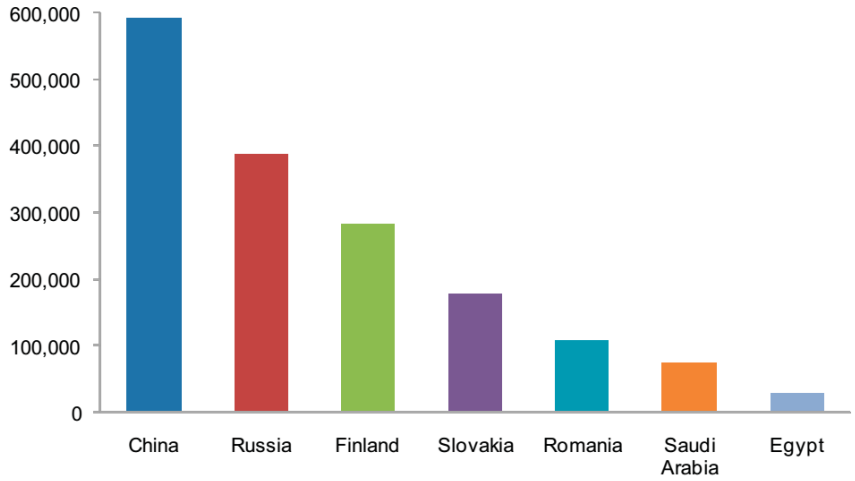
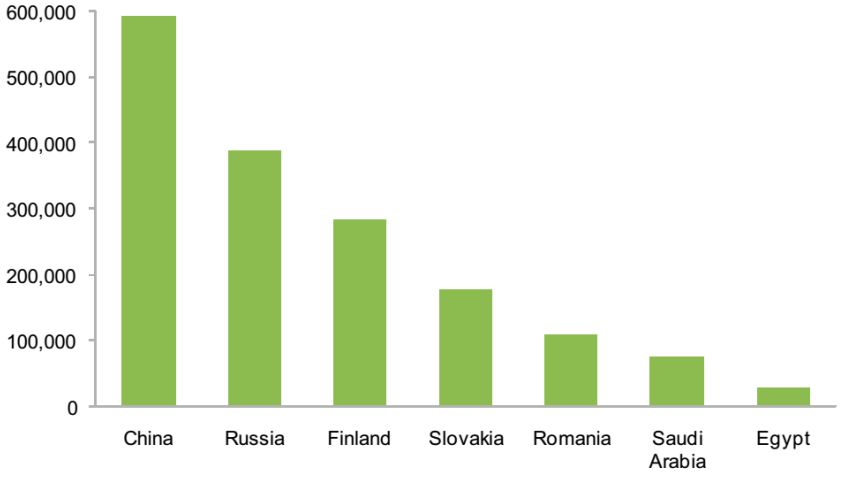
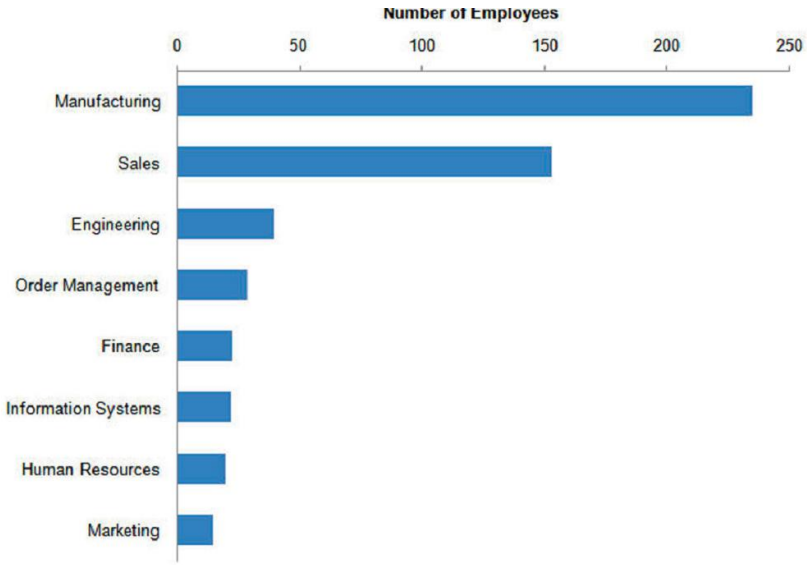
a

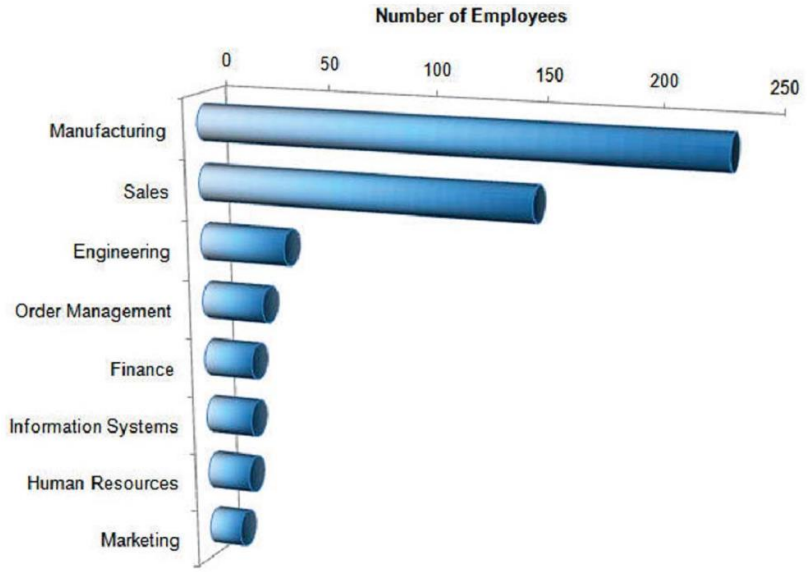
Ничего лишнего





Ничего лишнего





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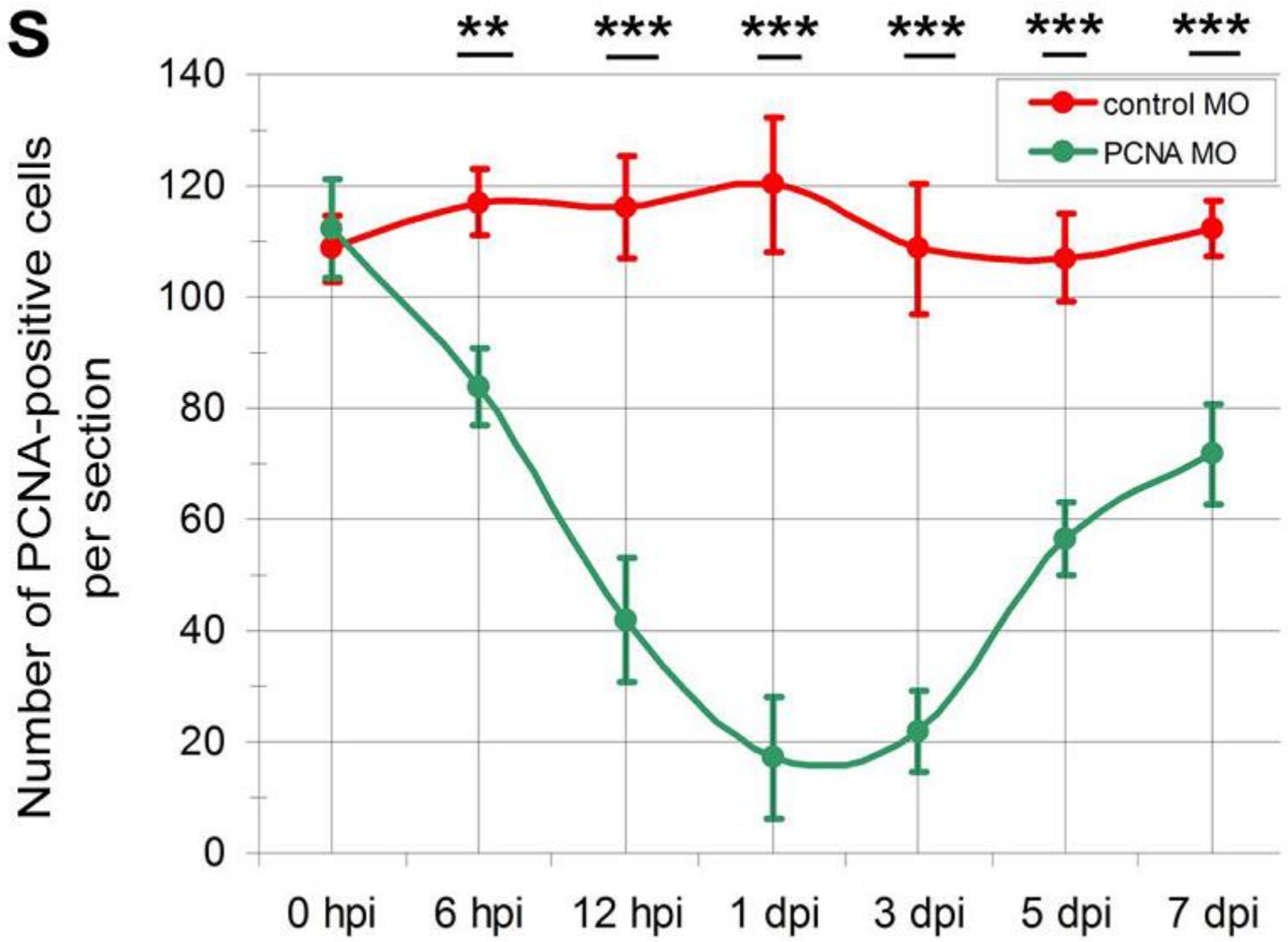
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Number of PCNA-positive cells per section
**
***
***
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***
***
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100
80
60
40
20
0
control MO
PCNA MO
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6 hpi
12 hpi
1 dpi
3 dpi
5 dpi
7 dpi