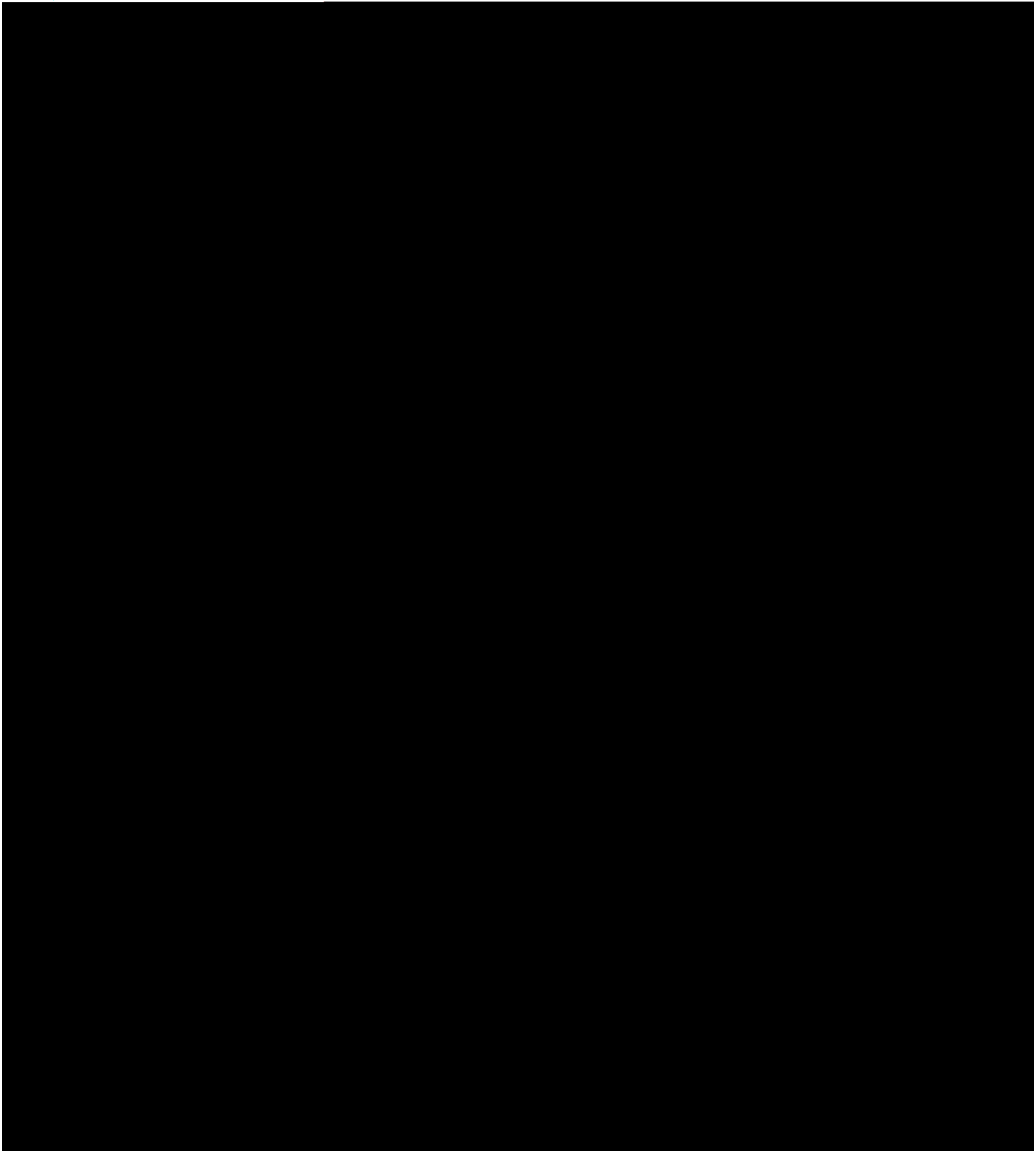


Patent No. **US 11,600,006 D2**

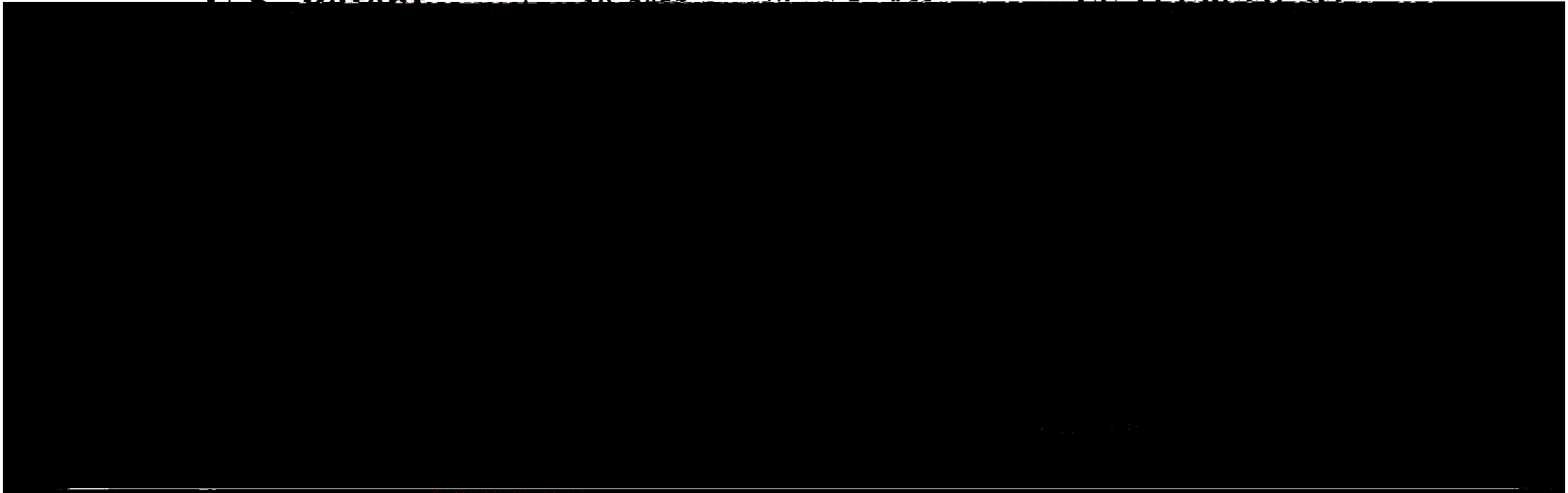
United States Patent

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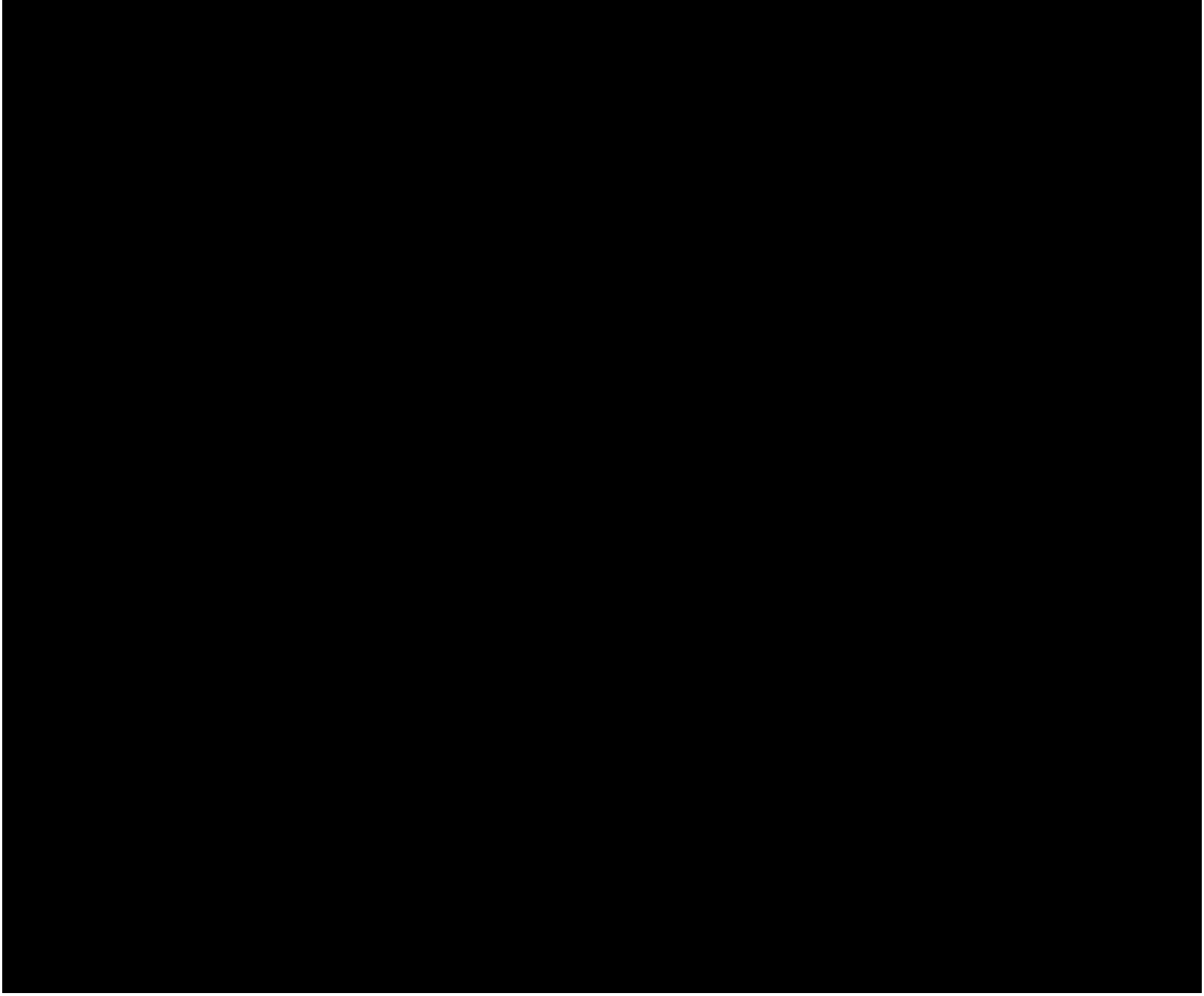


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Resistance to Excitotoxicity in Cortical Neurons of the Ground Squirrel (a hibernator) PLOS ONE 1 DOI:10.1371/journal.pone.0016601
Squirrel (a hibernator) PLOS ONE 1 DOI:10.1371/journal.pone.0016601
C. 76, No. 2 (July 16, 1999), 269-77



1000 Pennsylvania Avenue, N.W., Washington, D.C. 20535-0001, U.S. Patent and Trademark Office, 1000 Pennsylvania Avenue, N.W., Washington, D.C. 20535-0001

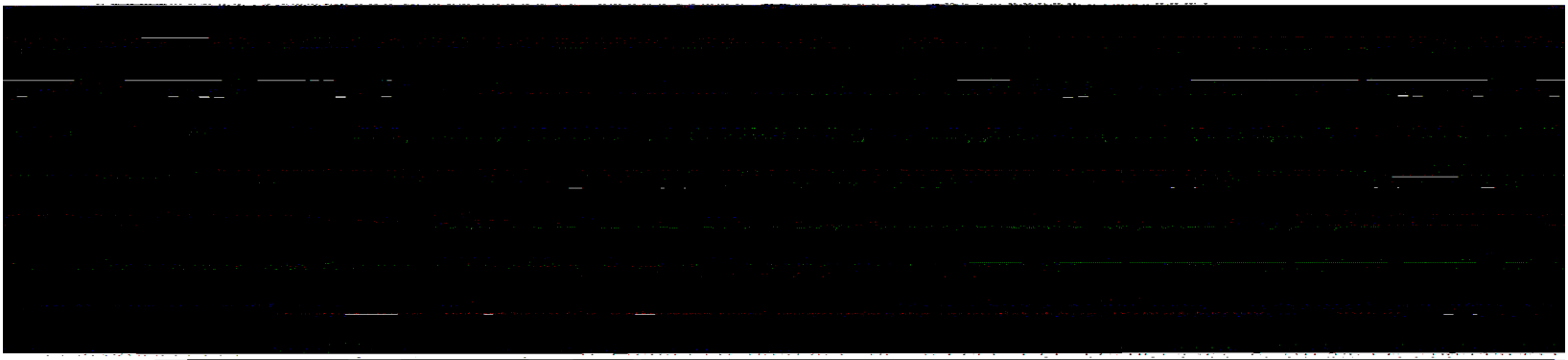
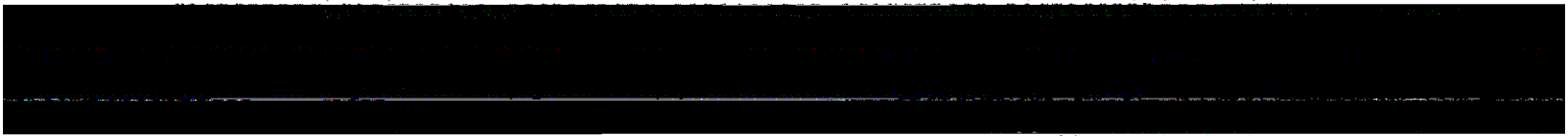


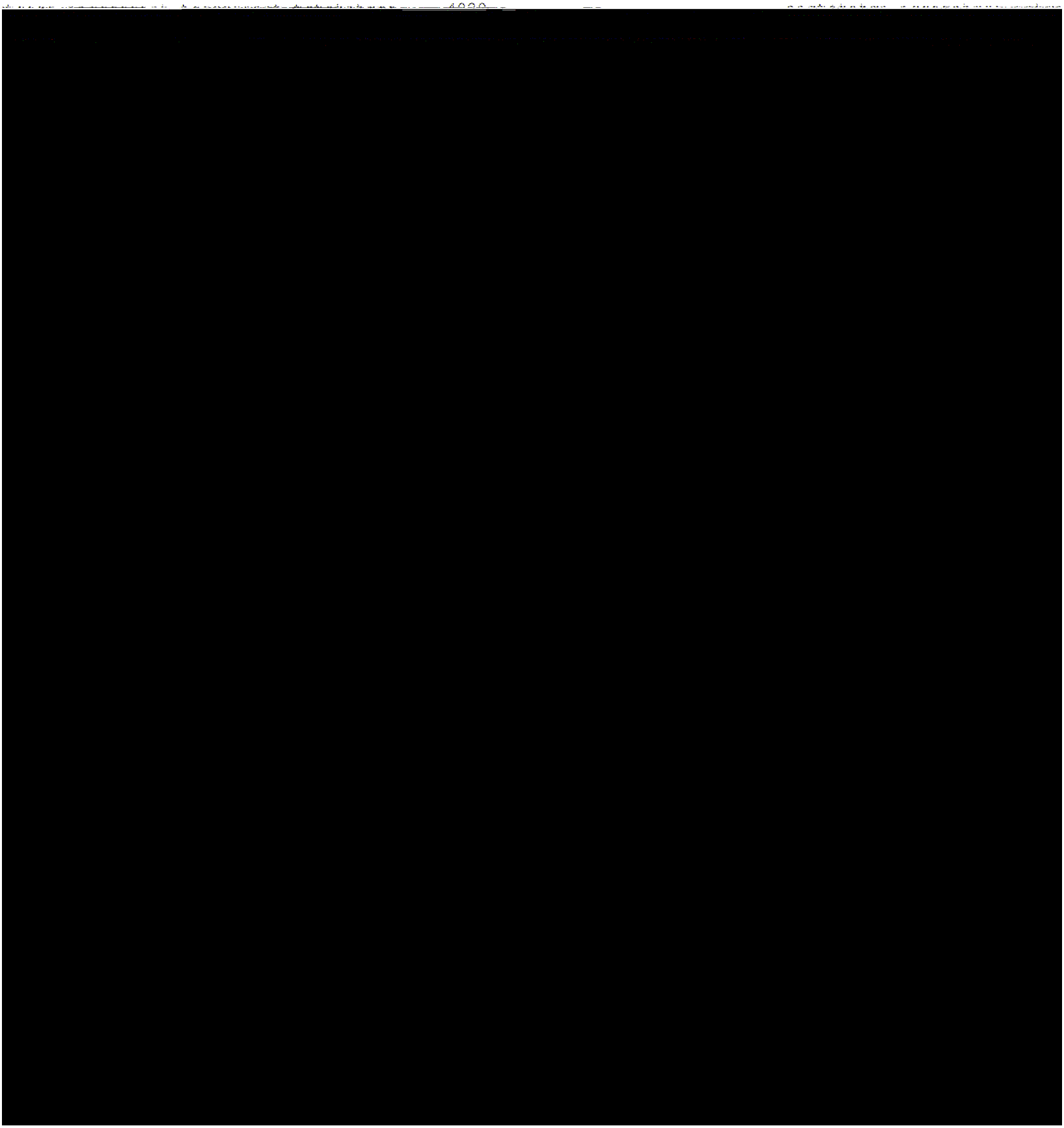
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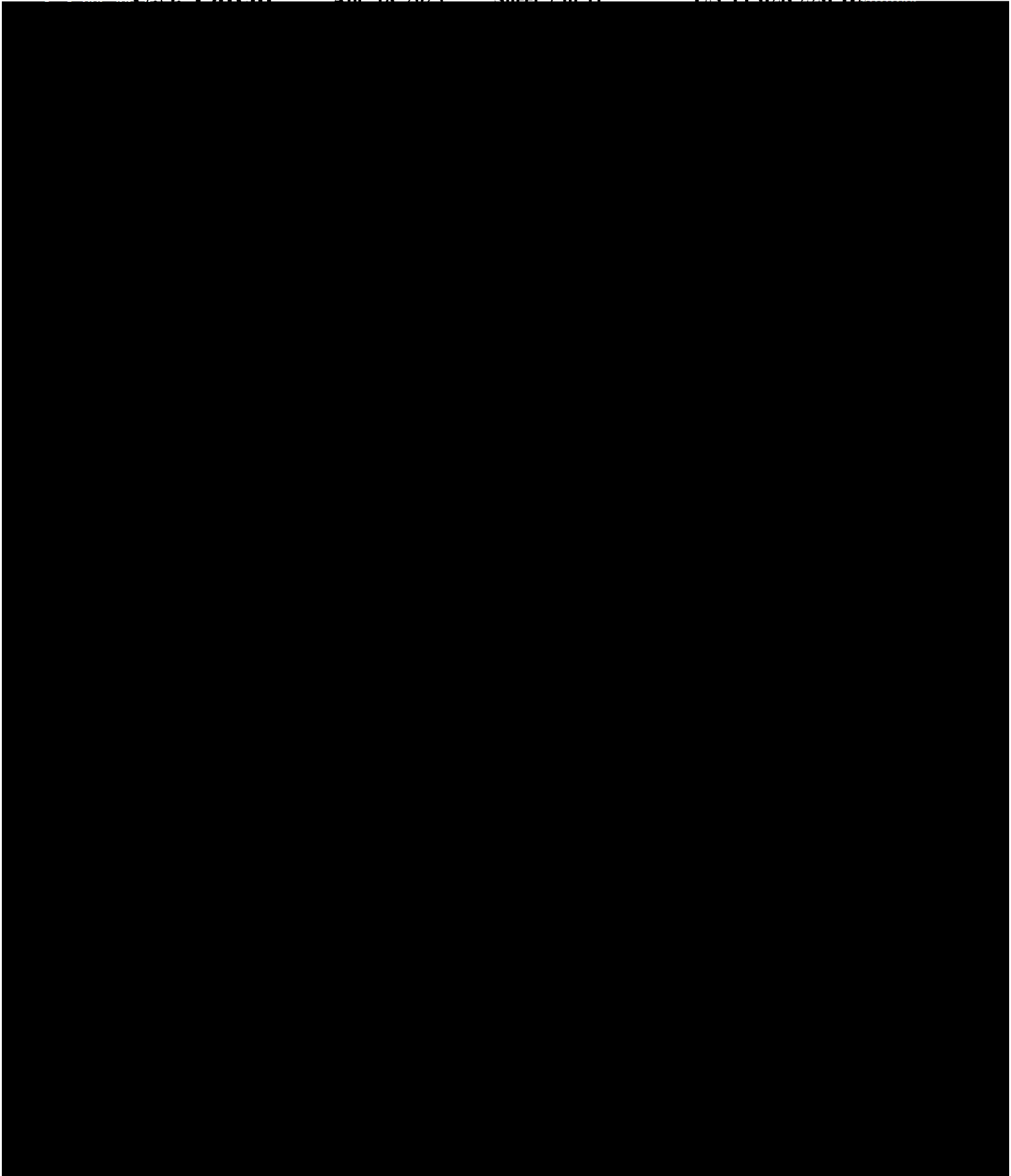
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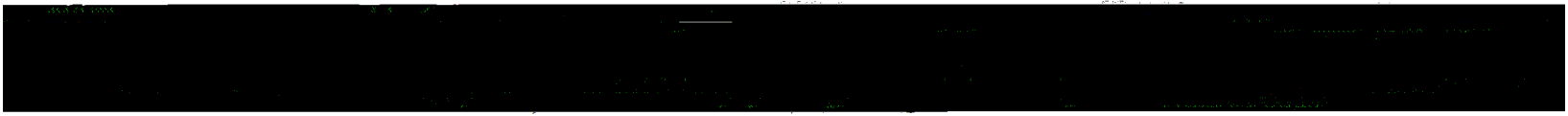
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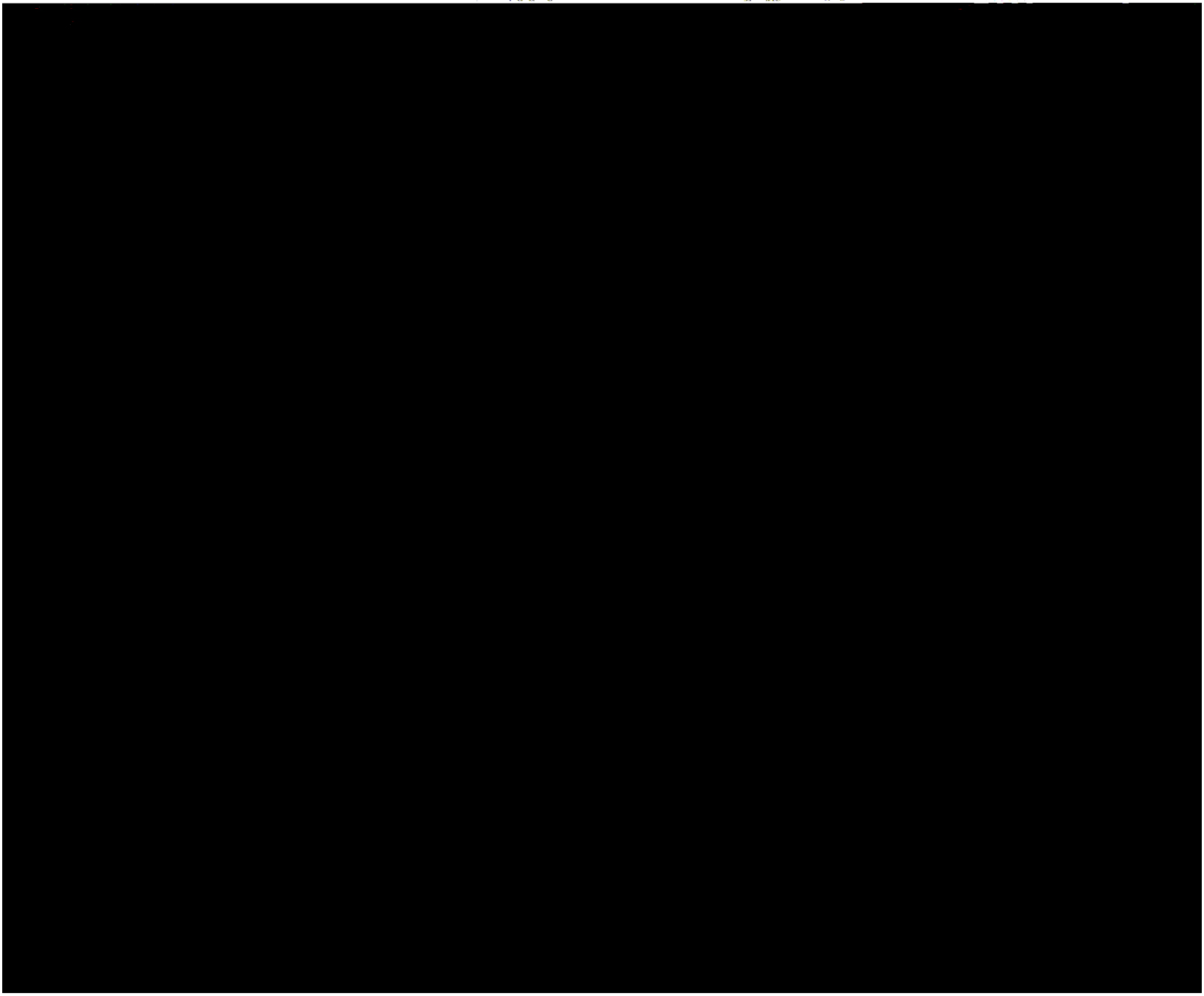


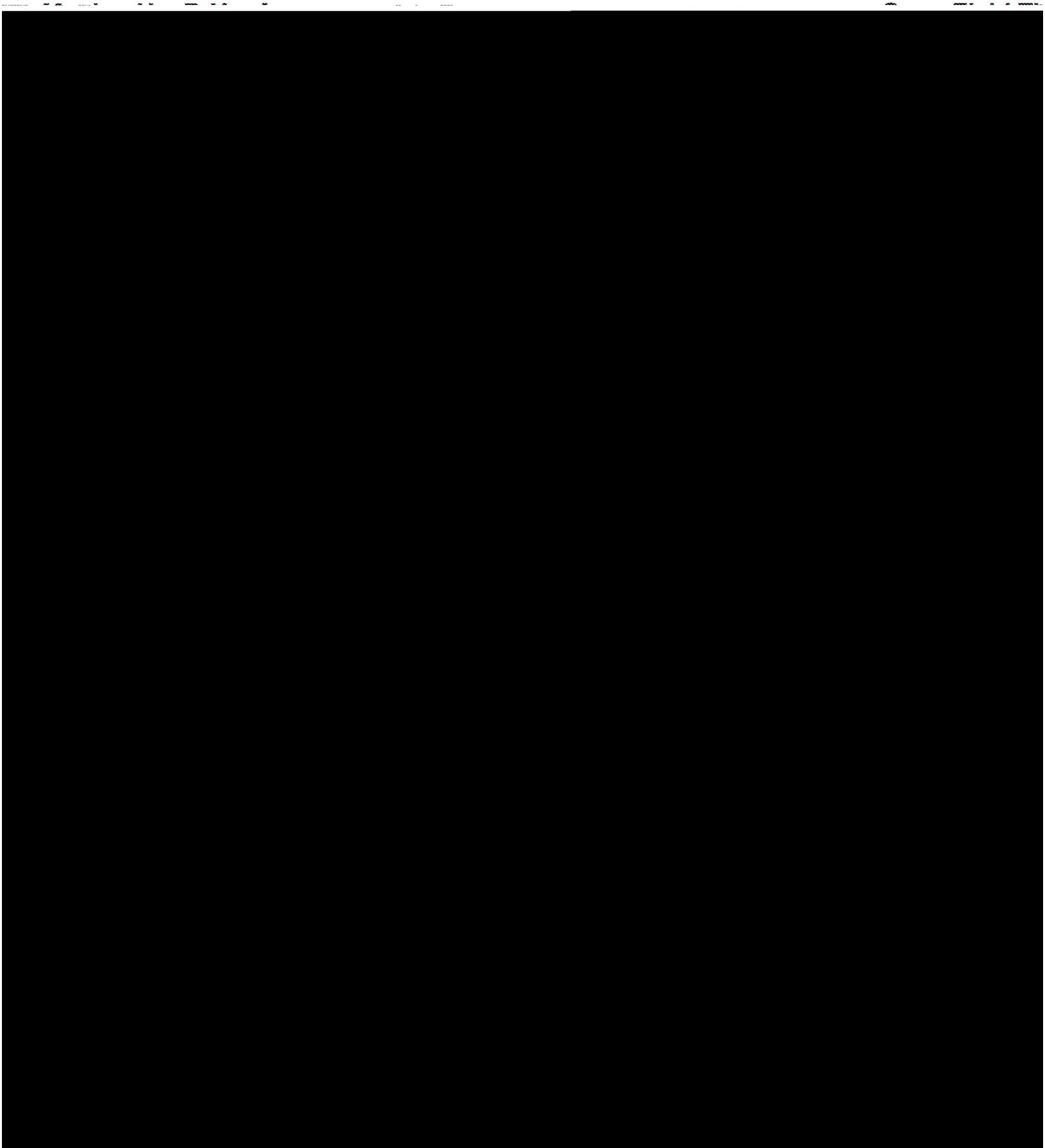
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WD DayA Cohorts

Survival: U

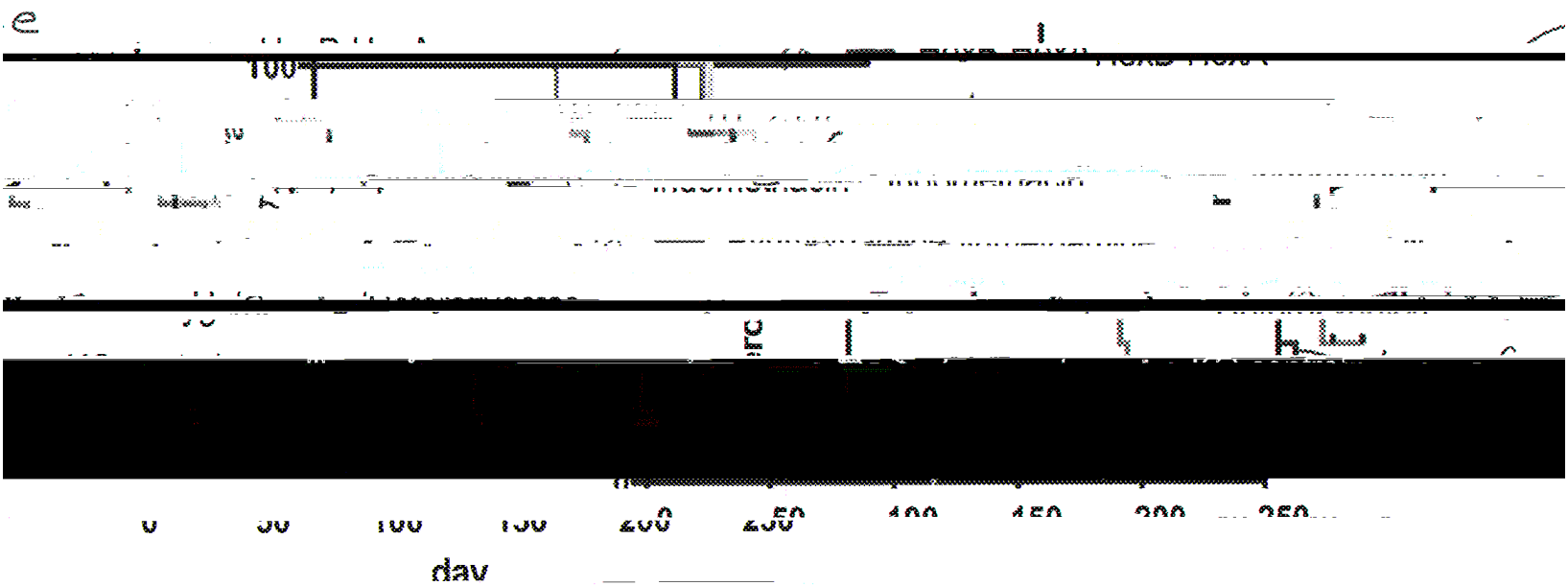


FIG. 10-11-1

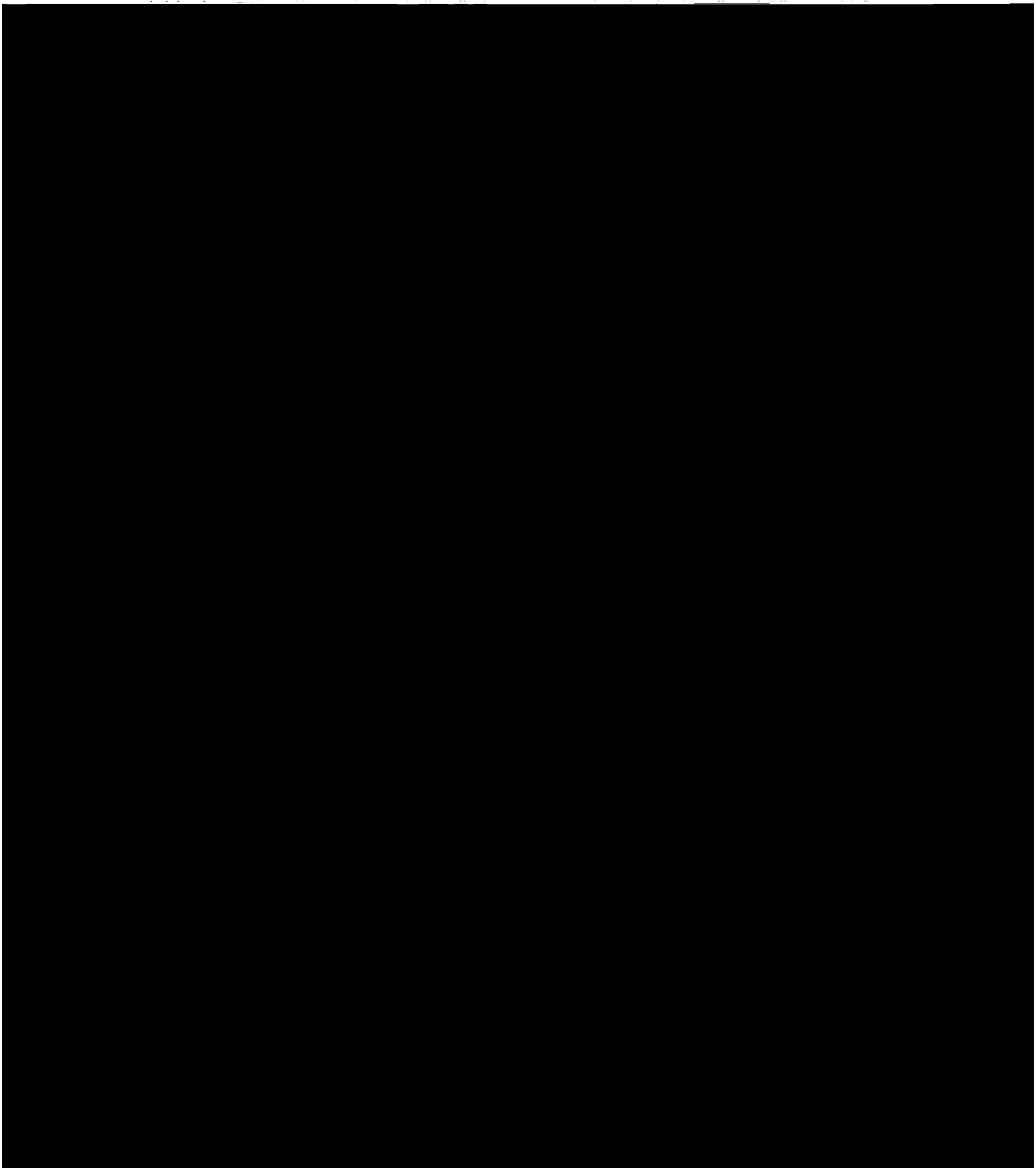
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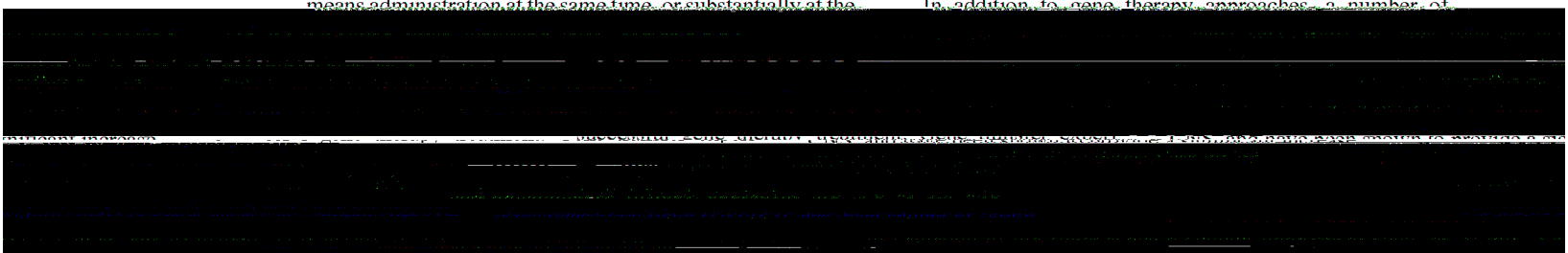
armers' and their motivations are described in ... can be carried out by any route, including ...

ferred ... brain efficient to result in widespread distribution. The 25.

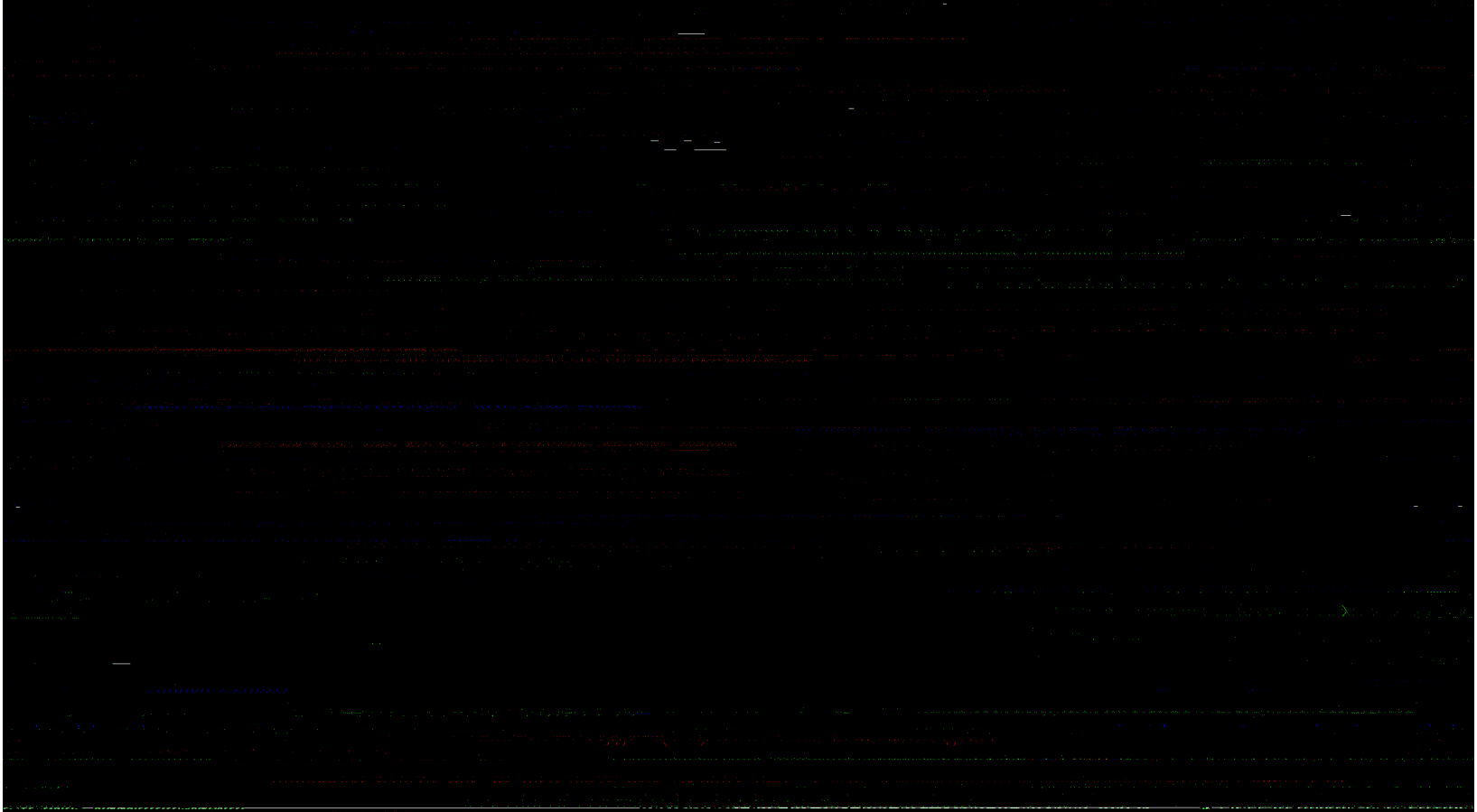
... as used in ...

means administration at the same time, or substantially at the

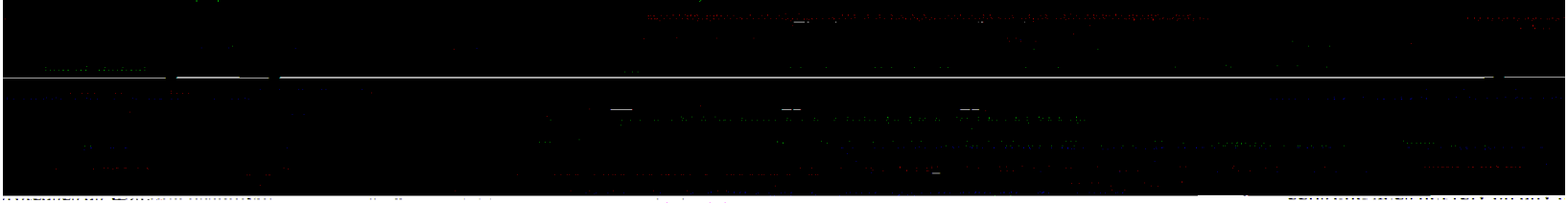
In addition, to gene therapy approaches, a number of



no and immunization of a population in vaccination and administration of a virus. Such a population in a human cell co-transduction with two viral vectors are



of the mouse (1/1) ... direction



SHIMIZU MOUSE (1/1) ... DIRECTION

be trans spaced five minutes apart and best trial was recorded for comparison.

weaning (three weeks of age). Experimental animals were obtained through mutant cross breeding in hexb^{-/-} mice. The mouse was given two

were maintained on a 12-hour night cycle from 7 am to 7 pm. Open field test. Used to assess overall locomotion and All experimental protocols and procedures were performed in accordance with and were approved by the Queen's University Animal Care Committee. The mouse was placed in a 40 cmx40 cm arena with walls. Time moving, rearing activity and the

The HEXB-HEXA ssAAV9 plasmid sequence included

EXPRESSION IN MAMMARY CELLS (Jin-ICH et al. 1997, 1998)

indicated a humane end point had been reached.

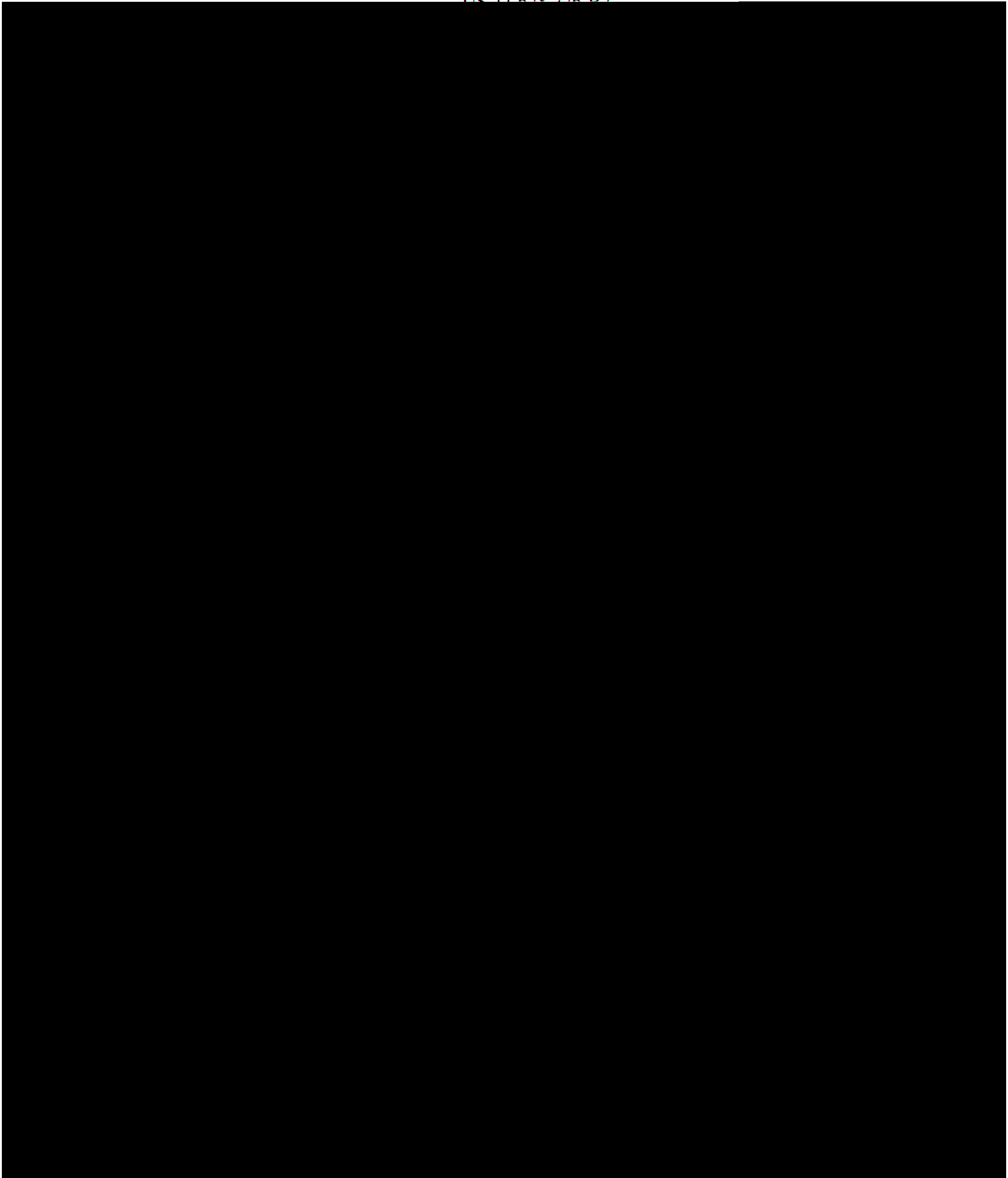
performed in COUCH OF 210-210 mm volume of 100 ml hexb^{-/-} pan/0.01 ml/hexb^{-/-} overnight and then harvested

the blood cells. The blood was collected from the retro-orbital sinus and placed in a heparinized tube. The sera of the mice were stored at -80°C in liquid nitrogen. Blood was collected from the retro-orbital sinus on a monthly basis starting at 8 weeks and was placed on a heating pad to keep them warm. Dams were 25, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100

Drugs

45 rates and the collected serum samples. Total hexosamine

the morning of the 12-hour night cycle in a garage using a scale. The amount of hexosamine was determined using the use of the 4-methylumbelliferyl

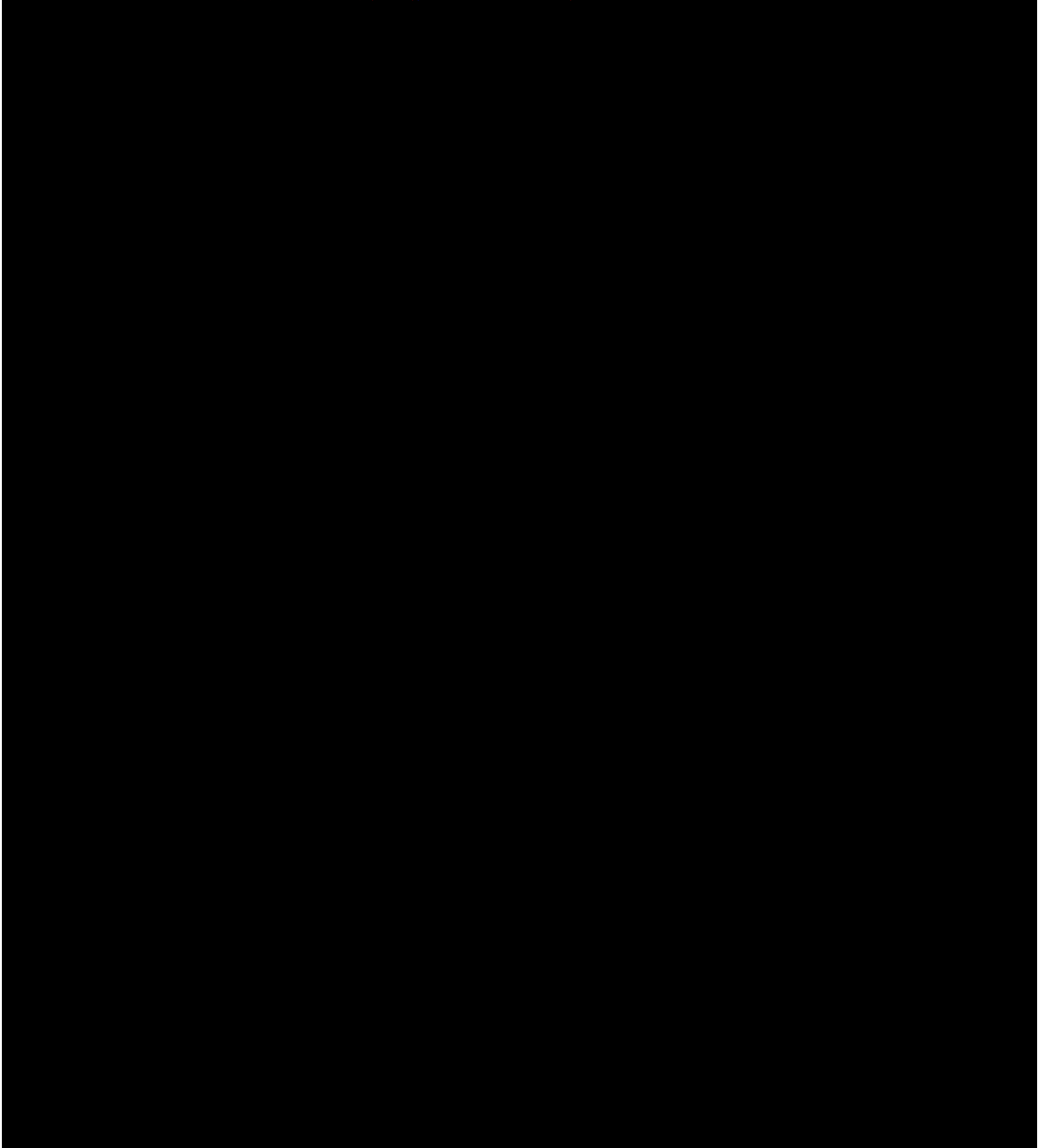


significantly more than the heteromeric pairs. No significant difference in stability was observed between the DDD and trans dimer pairs and

the DDD and trans dimer pairs. The stability of the DDD and trans dimer pairs was significantly more than the heteromeric pairs. No significant difference in stability was observed between the DDD and trans dimer pairs and

the DDD and trans dimer pairs. The stability of the DDD and trans dimer pairs was significantly more than the heteromeric pairs. No significant difference in stability was observed between the DDD and trans dimer pairs and

High Expression... All cited publications are incorporated herein by reference... Hitachi, N. et al. "Efficient Selection for... in their pat...



-continued -

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