Table S1. Data from each animal for all trials for each test session. Abbreviations are: F1 is the number of reinforced trials, F2 is fluency percent correct, F3 is total attempted trials, and F4 is the trials completed before a repeat behavior; flexibility energy and type columns 1 through 10 and elaboration 1, 2, and 3 are all defined in Table 3.

| Animal | Session # | Total # trials / session | Total new across all sessions | Total Novel (not in rep.) | Originality | Fluency | Flexibility | Repertoire | Elaboration |
|--------|-----------|--------------------------|------------------------------|--------------------------|-------------|---------|-------------|------------|-------------|
| KAM    | 1         | 56                       | 6, 68 + 1^                  | 44                       | 78.6%       | F1      | 7           | Yes        | 1 2 3       |
|        | 2         | 48                       |                              | 39                       | 81.3%       | F2      | 8           | Yes        | 1 2 3       |
|        | 3         | 45                       |                              | 38                       | 84.4%       | F3      | 4           | Yes        | 1 2 3       |
| KEI    | 1         | 141                      |                              | 135                      | 95.7%       | F4      | 7           | Yes        | 1 2 3       |
|        | 2         | 47                       |                              | 47                       | 100%        |         | 7           | Yes        | 1 2 3       |
|        | 3         | 107                      |                              | 92                       | 85.2%       |         | 4           | Yes        | 1 2 3       |
| SAK    | 1         | 12                       | 3, 59 +                      | 9                        | 75.0%       |         | 1           | Yes        | 1 2 3       |
|        | 2         | 54                       |                              | 42                       | 77.8%       |         | 3           | Yes        | 1 2 3       |
|        | 3         | 56                       |                              | 50                       | 89.3%       |         | 2           | Yes        | 1 2 3       |
| MOA    | 1         | 107                      | 22, 57 +                    | 99                       | 92.5%       |         | 1           | Yes        | 1 2 3       |
|        | 2         | 123                      |                              | 117                      | 95.1%       |         | 1           | Yes        | 1 2 3       |
|        | 3         | 30                       |                              | 23                       | 76.7%       |         | 0           | Yes        | 1 2 3       |
| TUA    | 1         | 22                       | 7, 14 +                      | 18                       | 81.8%       |         | 3           | Yes        | 1 2 3       |
|        | 2         | 18                       |                              | 12                       | 66.7%       |         | 0           | Yes        | 1 2 3       |
|        | 3         | 34                       |                              | 27                       | 79.4%       |         | 4           | Yes        | 1 2 3       |
| INO    | 1         | 67                       | 11, 19 +                     | 50                       | 74.6%       |         | 4           | Yes        | 1 2 3       |
|        | 2         | 77                       |                              | 71                       | 92.2%       |         | 3           | Yes        | 1 2 3       |
|        | 3         | 41                       |                              | 38                       | 92.7%       |         | 1           | Yes        | 1 2 3       |
| KYU    | 1         | 23                       | 6, 12 +                      | 18                       | 78.3%       |         | 2           | Yes        | 1 2 3       |
|        | 2         | 24                       |                              | 19                       | 79.2%       |         | 3           | Yes        | 1 2 3       |
|        | 3         | 25                       |                              | 23                       | 92.0%       |         | 0           | Yes        | 1 2 3       |
| WIK    | 1         | 70                       | 8, 51 +                      | 54                       | 77.1%       |         | 3           | Yes        | 1 2 3       |
|        | 2         | 78                       |                              | 59                       | 75.6%       |         | 1           | Yes        | 1 2 3       |
|        | 3         | 99                       |                              | 87                       | 87.9%       |         | 2           | Yes        | 1 2 3       |
| TAK    | 1         | 9                        | 3, 24 +                      | 8                        | 88.9%       |         | 4           | Yes        | 1 2 3       |
|        | 2         | 38                       |                              | 26                       | 68.4%       |         | 6           | Yes        | 1 2 3       |
|        | 3         | 26                       |                              | 21                       | 80.8%       |         | 7           | Yes        | 1 2 3       |

^ first number is single behaviors and second number after comma is complex behaviors (simultaneous or sequential actions, see Table 3 for definitions and examples).
^KAM produced a novel behavior but repeated it between session 1 and 2 and so it was removed from our count.