

D

adaptation
timescale:

3200 ms
460 ms
180 ms
78 ms
25 ms

% correctly
decoded
odorants

[illegible]

Receptor free energy

Time (s)

Time (s)

D

E

true signal

$t = 23.9 \text{ s}$
 $t = 25.1 \text{ s}$

odorant strength

sparse odor
components

~ 65% of minimum odorant signal

$t = 23.9 \text{ s}$
 $t = 25.1 \text{ s}$

odorants not
present in signal

Increasing adaptation speed \longrightarrow