ITI

Inter Trial Interval
Enforces a no-lick period before the trial
- all LEDs off
- any poke resets ITI-timer

Start

Ready for center poke to initiate the trial
- center LED on
- laser stim on center poke*

Delay Window

Enforced no-poke period
- all LEDs off

Reward Window

Side ports available for probabilistic reward
- side LEDs on
- deliver reward on side pokes*
- laser stim on side pokes*

any poke
[incorrect poke]

[centerPokeTrigger off]

ITI timer elapses

[centerPokeTrigger on]

center poke
[initiation poke]

Delay Timer Elapses

side poke
[incorrect poke]

side or center poke
[incorrect poke]

side poke
[decision poke]

center poke
[incorrect poke]

reward window elapses**

* with appropriate probability

** reward window only times out when *centerPokeTrigger* is on