

Deltium BioTech

A Deltium Technologies Company

AUTHOR	Izzy
DOCUMENT NAME	X5
DATA CLASSIFICATION	Semi-Public
ADDITIONAL INFO	<u>DEPRECATED - DO NOT USE AS REFERENCE</u>

1.1 - INFORMATION

The X5 is [REDACTED] [REDACTED] [REDACTED] designed by Deltium BioTech. It serves as a prototype for all of our future parasites. This version has shown a lot of resilience. And I'm happy to inform you of its abilities.

Breaching Containment

Subject X5 has been seen breaching its own containment multiple times. This could be problematic for proper containment procedures however it could generate us a lot of money for biological weaponry.

Branching

The standard for every Deltium BioTech parasite.

Entrapping

The X5 can trap other players in its own strings and often possess them. Test Subject Areal_Majig has been sent into the X5. The result was horrifying



Deltium BioTech
A Deltium Technologies Company

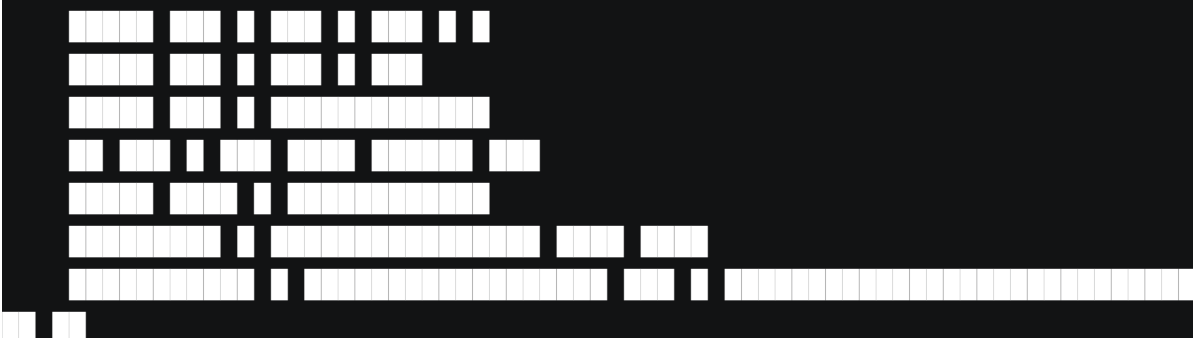
Subject is seen possessed by the fungi.

1.2 - DNA

FUNC IsCloseToOtherFungus(pos) -> boolean

```
function isCloseToOtherFungus(pos)
    for _, node in ipairs(allNodes) do
        if (node.pos - pos).Magnitude < COLLISION_DISTANCE then
            return true
        end
    end
    return false
end
```

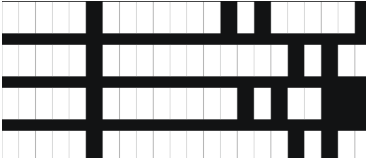
FUNC ConnectParts(p1, p2) -> ()

```
function connectParts(p1, p2)
    
    part.Parent = Workspace
    table.insert(, part)
end
```

SETTINGS

```
local GROWTH_DELAY = 0.5
local BRANCH_COUNT = 3
local BRANCH_RAY_LENGTH = 2
local MAX_PARTS = 40
local COLLISION_DISTANCE = 0.2
```

VARIABLES

```

```

FUNC StartGrowth(origin, normal) -> ()

```
function startGrowth(origin, normal)
    growing = true
    local firstPart =  (origin, normal)
```





1.3 - FINAL OBSERVATIONS

Subject X5 does not like to cluster together, therefore it's spreading out. As seen on our latest subject, [REDACTED], the difference between the two is that [REDACTED] clusters together a lot whereas X5 wants to spread out and infect as much as possible. This was seen by the first test with a limit of 800 parts and a low ray size, it reached **50 studs** in width.



Deltium BioTech
A Deltium Technologies Company

END FILE