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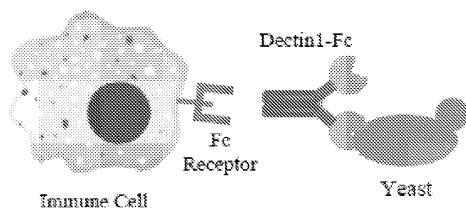


Figure 1

(57) Abstract: The present invention relates to a soluble dimeric fusion protein comprising a first and second polypeptides, wherein the first and second polypeptides each comprises a Dectin-1 receptor polypeptide fused to a human Fc domain via a dimerization linker. Methods of using the soluble dimeric fusion protein for immunizing a subject against a fungal infection, preventing or treating a fungal infection in a subject and detecting a fungal infection in a subject are also provided. In one embodiment, a chimeric molecule comprising the fusion protein and a payload is provided. In one embodiment, the payload is Amphotericin B.

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