

PHASE 2 - PILOTING	Growth parameters at 30°C on PYCa media <i>unless otherwise noted</i>					Phages Isolated, #
	Actinobacteria	plate streak, days	colony color & morphology	liquid culture, days	plate lawn, days	
<i>Arthrobacter sp.</i>	1	yellow; round; raised;	1	1	grows well at RT	186
<i>Gordonia terrae</i>	5	salmon; dark center; smooth; irregular	3-4	2		22
<i>Rhodococcus erythropolis</i>	4	white; round; slightly raised	2	2		63

PHASE 1 - IDENTIFICATION	Source & Catalogue #	Growth parameters at 30°C on PYCa media <i>unless otherwise noted</i>				
		Actinobacteria	plate streak, days	colony color & morphology	liquid culture, days	plate lawn, days
<i>Dietzia maris</i>	NRRL 16941	3-4 days	orange; round; raised; waxy	3 days		
<i>Gordonia lacunae</i>	NRRL 24551	2 days	pink; round; slightly raised; rough	1-2 days	1-2 days	
<i>Gordonia neofelifaecis</i>	NRRL 59395	2 days	white; undulated; flat; wrinkled	2 days		

<i>Gordonia rubripertincta</i>	NRRL 16540	2 days	pink-orange; undulated; umbonate; waxy	1-2 days	2 days	
<i>Gordonia westfalica</i>	NRRL 24152	2 days	undulate flat rough	3 days	3-4 days	
<i>Mycobacterium chlorophenicum</i>	NRRL 16528	4-5 days	pink/yellow/orange; round; raised; waxy	4-5 days	3-4 days	Use 7H10
<i>Mycobacterium fredericksbergense</i>	NRRL 24126	1 week	yellow; small; raised; round	1 week	3-4 days	Use 7H10 & Tween
<i>Mycobacterium pyrenivorans</i>	NRRL 24349	~15 days	yellow; waxy; slightly raised	1 week		Use 7H10 & Tween
<i>Mycobacterium smegmatis</i>	NRRL 24020	3-4 days	white; undulate; flat; wrinkled;	1 day		
<i>Mycobacterium vanbaalenii</i>	NRRL 24157	10 days	yellow; small; round; raised; waxy	3-4 days	3-4 days	Use 7H10 & Tween
<i>Nocardia carnea</i>	NRRL 1336	3-4 days	white; round; raised; rough			sporulates very clumpy
<i>Nocardia coeliaca</i>	NRRL 1365	3-4 days	white; irregular; rough; raised			sporulates
<i>Nocardia flavorosea</i>	NRRL 16176	3-4 days	orange/yellow/white; round; raised; rough			sporulates
<i>Nocardia gamkensis</i>	NRRL 24450	4-5 days	white; small; round; rough			sporulates
<i>Nocardia harenae</i>	NRRL 24459	3-4 days	round slightly raised rough	2 days	2-3 days	

<i>Rhodococcus erythropolis</i>	NRRL 1574	3-4 days	pearly white; two distinct morphologies	1 day		Use Tween
<i>Rhodococcus fascians</i>	NRRL 16939	3-4 days	orange/yellow; round; raised; waxy	2 days	1-2 days	
<i>Rhodococcus krogenstedtii</i>	NRRL 59329	3-4 days	orange; round; waxy; raised	2 days	3-4 days	
<i>Tsukamurella paurometabola</i>	NRRL 16960	2 days	off-white/yellow-tinged; undulated; flat; wrinkled	1-2 days	1 day	Use 4x Tween
<i>Tsukamurella sunchonensis</i>	NRRL 24668	3-4 days	flat irregular wrinkled	2 days		Use 4x Tween
<i>Arthrobacter sp. RI</i>	ATCC 49987	1 day	off-white; round; raised; smooth; shiny	1 day	1 day	
<i>Corynebacterium vitaeruminus</i>	ATCC 10234	2-3 days	yellow	1-2 days	1-2 days	
<i>Corynebacterium flavescens</i>	ATCC 10340	2-3 days	yellow	1-2 days	1-2 days	
<i>Corynebacterium glutamicum</i>	ATCC 14020	1-2 days	yellow	1-2 days	1-2 days	
<i>Mycobacterium aichiense</i>	ATCC 27281	4-5 days	round; waxy; shiny		3-4 days	Use 7H10
<i>Mycobacterium aurum</i>	ATCC 23366	about 8 days	pomegranate; round; waxy; shiny		1 week	Use 7H10
<i>Mycobacterium phlei</i>	ATCC BAA-486	1 week	very bright yellow; round; waxy; shiny	3-4 days	2-3 days	Use PYCa, LB, or 7H10

<i>Mycobacterium thermoresistibile</i>	ATCC 19257	7-10 days	greyish brown; opaque; irregular; flat; rough		> 1 week	Use 7H10 Tween
<i>Nocardia corynebacteroides</i>	ATCC 14898	4-5 days	bright orange; irregular; shiny; raised	2 days	2 days	Use 7H10