

Architecture							F1 Score							
Rings	Spread	Alpha	Beta	k-mer size	labeling	classification	Domain	Rejects	Phylum	Rejects	Class	Rejects	Order	Rejects
2	8	0.8	-	4	purity	nn	0.94	0	0.9	597603	0.92	600533	0.8	601226
3	8	0.8	-	4	purity	nn	0.94	0	0.9	548698	0.88	580651	0.9	586970
4	8	0.8	-	4	purity	nn	0.95	0	0.92	476725	0.89	534357	0.9	552526
5	8	0.8	-	3	purity	nn	0.95	0	0.91	439761	0.88	495535	0.86	516786
5	8	0.8	-	4	purity	nn	0.96	0	0.9	382273	0.89	435024	0.87	142649
5	8	-	-	4	majority	nn	0.97	0	0.72	0	0.64	0	0.57	0
5	8	0.8	0.075	4	purity	thresh	0.97	26501	0.92	393527	0.89	445645	0.88	470805
5	8	0.8	-	4	purity	nbrs	0.96	0	0.91	391079	0.88	450484	0.86	474481
5	8	0.8	-	5	purity	nn	0.96	0	0.92	434610	0.91	492016	0.88	517578
5	8	0.9	-	4	purity	nn	0.96	0	0.9	448278	0.88	481285	0.87	495519
5	8	0.99	-	4	purity	nn	0.96	0	0.93	522000	0.93	542684	0.92	556942
6	8	0.8	-	4	purity	nn	0.97	0	0.9	395223	0.88	451020	0.86	126644