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Main: Iterating through fileSet...
Adding Calls from file /home/zhou4/PhATE/Code/PhATE_pipeline/PipelineOutput/Ec_P2/genemark.cgc
Adding Calls from file /home/zhou4/PhATE/Code/PhATE_pipeline/PipelineOutput/Ec_P2/glimmer.cgc
Adding Calls from file /home/zhou4/PhATE/Code/PhATE_pipeline/PipelineOutput/Ec_P2/prodigal.cgc
Adding Calls from file /home/zhou4/PhATE/Code/PhATE_pipeline/PipelineOutput/Ec_P2/phanotate.cgc
Main: callerList is genemarks ,  glimmer ,  prodigal ,  phanotate ,
Main: Sorting gene calls for each caller...
Main: Comparing accross the call sets...
The following gene callers were considered: , genemarks , glimmer , prodigal , phanotate
The number of distinct gene calls over all gene callers is 62
The number of gene calls in common among all callers is 29
The number of unique (non-matching) gene calls is 18
Caller genemarks produced 41 gene calls.
Caller genemarks gene-call length stats:  min: 141 , max: 2448 , ave: 747
Caller glimmer produced 42 gene calls.
Caller glimmer gene-call length stats:  min: 114 , max: 2448 , ave: 729
Caller prodigal produced 42 gene calls.
Caller prodigal gene-call length stats:  min: 141 , max: 2448 , ave: 735
Caller phanotate produced 49 gene calls.
Caller phanotate gene-call length stats:  min: 90 , max: 2448 , ave: 653
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count	caller	strand	leftEnd	rightEnd	length	contig	caller	strand	leftEnd	rightEnd	length	contig	caller	strand	leftEnd	rightEnd	length	contig	caller	strand	leftEnd	rightEnd	length	contig
1	genemarks	+	1	141	141	Ec_P2_NC_001895							prodigal	+	1	141	141	unknown						
2	genemarks	−	187	1221	1035	Ec_P2_NC_001895	glimmer	−	187	1221	1035	unknown	prodigal	−	187	1221	1035	unknown	phanotate	−	187	1221	1035	Ec_P2_NC_001895
3	genemarks	−	1221	2993	1773	Ec_P2_NC_001895							prodigal	−	1221	2993	1773	unknown	phanotate	−	1221	2993	1773	Ec_P2_NC_001895
4							glimmer	−	1221	3023	1803	unknown												
5							glimmer	+	3101	4021	921	unknown							phanotate	+	3101	4021	921	Ec_P2_NC_001895
6	genemarks	+	3167	4021	855	Ec_P2_NC_001895							prodigal	+	3167	4021	855	unknown						
7	genemarks	+	4080	5153	1074	Ec_P2_NC_001895	glimmer	+	4080	5153	1074	unknown	prodigal	+	4080	5153	1074	unknown	phanotate	+	4080	5153	1074	Ec_P2_NC_001895
8							glimmer	+	5157	5900	744	unknown	prodigal	+	5157	5900	744	unknown	phanotate	+	5157	5900	744	Ec_P2_NC_001895
9	genemarks	+	5181	5900	720	Ec_P2_NC_001895																		
10							glimmer	+	5940	6509	570	unknown												
11	genemarks	+	6000	6509	510	Ec_P2_NC_001895							prodigal	+	6000	6509	510	unknown	phanotate	+	6000	6509	510	Ec_P2_NC_001895
12	genemarks	+	6509	6712	204	Ec_P2_NC_001895	glimmer	+	6509	6712	204	unknown	prodigal	+	6509	6712	204	unknown	phanotate	+	6509	6712	204	Ec_P2_NC_001895
13	genemarks	+	6716	6997	282	Ec_P2_NC_001895	glimmer	+	6716	6997	282	unknown	prodigal	+	6716	6997	282	unknown	phanotate	+	6716	6997	282	Ec_P2_NC_001895
14	genemarks	+	6997	7494	498	Ec_P2_NC_001895	glimmer	+	6997	7494	498	unknown	prodigal	+	6997	7494	498	unknown	phanotate	+	6997	7494	498	Ec_P2_NC_001895
15	genemarks	+	7509	7934	426	Ec_P2_NC_001895	glimmer	+	7509	7934	426	unknown	prodigal	+	7509	7934	426	unknown	phanotate	+	7509	7934	426	Ec_P2_NC_001895
16							glimmer	+	7922	8347	426	unknown	prodigal	+	7922	8347	426	unknown	phanotate	+	7922	8347	426	Ec_P2_NC_001895
17	genemarks	+	7934	8347	414	Ec_P2_NC_001895																		
18							glimmer	+	8334	8492	159	unknown	prodigal	+	8334	8492	159	unknown	phanotate	+	8334	8492	159	Ec_P2_NC_001895
19	genemarks	+	8455	8922	468	Ec_P2_NC_001895	glimmer	+	8455	8922	468	unknown	prodigal	+	8455	8922	468	unknown	phanotate	+	8455	8922	468	Ec_P2_NC_001895
20	genemarks	+	8915	9367	453	Ec_P2_NC_001895	glimmer	+	8915	9367	453	unknown	prodigal	+	8915	9367	453	unknown	phanotate	+	8915	9367	453	Ec_P2_NC_001895
21							glimmer	−	9439	10125	687	unknown												
22	genemarks	−	9439	10224	786	Ec_P2_NC_001895							prodigal	−	9439	10224	786	unknown	phanotate	−	9439	10224	786	Ec_P2_NC_001895
23	genemarks	+	10308	10943	636	Ec_P2_NC_001895	glimmer	+	10308	10943	636	unknown	prodigal	+	10308	10943	636	unknown	phanotate	+	10308	10943	636	Ec_P2_NC_001895
24	genemarks	+	10940	11287	348	Ec_P2_NC_001895	glimmer	+	10940	11287	348	unknown	prodigal	+	10940	11287	348	unknown	phanotate	+	10940	11287	348	Ec_P2_NC_001895
25	genemarks	+	11292	12200	909	Ec_P2_NC_001895	glimmer	+	11292	12200	909	unknown	prodigal	+	11292	12200	909	unknown	phanotate	+	11292	12200	909	Ec_P2_NC_001895
26	genemarks	+	12193	12723	531	Ec_P2_NC_001895	glimmer	+	12193	12723	531	unknown	prodigal	+	12193	12723	531	unknown	phanotate	+	12193	12723	531	Ec_P2_NC_001895
27	genemarks	+	12734	14743	2010	Ec_P2_NC_001895	glimmer	+	12734	14743	2010	unknown	prodigal	+	12734	14743	2010	unknown	phanotate	+	12734	14743	2010	Ec_P2_NC_001895
28	genemarks	+	14747	15274	528	Ec_P2_NC_001895	glimmer	+	14747	15274	528	unknown	prodigal	+	14747	15274	528	unknown	phanotate	+	14747	15274	528	Ec_P2_NC_001895
29																			phanotate	+	15276	15365	90	Ec_P2_NC_001895
30																			phanotate	+	15455	15559	105	Ec_P2_NC_001895
31							glimmer	−	15474	15587	114	unknown												
32	genemarks	−	15675	17261	1587	Ec_P2_NC_001895	glimmer	−	15675	17261	1587	unknown	prodigal	−	15675	17261	1587	unknown	phanotate	−	15675	17261	1587	Ec_P2_NC_001895
33																			phanotate	−	17269	17430	162	Ec_P2_NC_001895
34																			phanotate	−	17402	17632	231	Ec_P2_NC_001895
35	genemarks	+	17652	18842	1191	Ec_P2_NC_001895	glimmer	+	17652	18842	1191	unknown	prodigal	+	17652	18842	1191	unknown	phanotate	+	17652	18842	1191	Ec_P2_NC_001895
36	genemarks	+	18855	19373	519	Ec_P2_NC_001895	glimmer	+	18855	19373	519	unknown	prodigal	+	18855	19373	519	unknown	phanotate	+	18855	19373	519	Ec_P2_NC_001895
37	genemarks	+	19430	19705	276	Ec_P2_NC_001895	glimmer	+	19430	19705	276	unknown	prodigal	+	19430	19705	276	unknown	phanotate	+	19430	19705	276	Ec_P2_NC_001895
38							glimmer	+	19702	19857	156	unknown												
39																			phanotate	+	19738	19857	120	Ec_P2_NC_001895
40	genemarks	+	19850	22297	2448	Ec_P2_NC_001895	glimmer	+	19850	22297	2448	unknown	prodigal	+	19850	22297	2448	unknown	phanotate	+	19850	22297	2448	Ec_P2_NC_001895
41	genemarks	+	22312	22791	480	Ec_P2_NC_001895	glimmer	+	22312	22791	480	unknown	prodigal	+	22312	22791	480	unknown	phanotate	+	22312	22791	480	Ec_P2_NC_001895
42	genemarks	+	22791	23954	1164	Ec_P2_NC_001895	glimmer	+	22791	23954	1164	unknown	prodigal	+	22791	23954	1164	unknown	phanotate	+	22791	23954	1164	Ec_P2_NC_001895
43																			phanotate	+	24036	24254	219	Ec_P2_NC_001895
44																			phanotate	−	24335	24445	111	Ec_P2_NC_001895
45	genemarks	−	24462	25475	1014	Ec_P2_NC_001895	glimmer	−	24462	25475	1014	unknown	prodigal	−	24462	25475	1014	unknown	phanotate	−	24462	25475	1014	Ec_P2_NC_001895
46	genemarks	−	25591	25890	300	Ec_P2_NC_001895							prodigal	−	25591	25890	300	unknown	phanotate	−	25591	25890	300	Ec_P2_NC_001895
47	genemarks	+	26005	26280	276	Ec_P2_NC_001895							prodigal	+	26005	26280	276	unknown	phanotate	+	26005	26280	276	Ec_P2_NC_001895
48							glimmer	+	26095	26280	186	unknown												
49	genemarks	+	26291	26461	171	Ec_P2_NC_001895	glimmer	+	26291	26461	171	unknown	prodigal	+	26291	26461	171	unknown	phanotate	+	26291	26461	171	Ec_P2_NC_001895
50	genemarks	+	26452	26958	507	Ec_P2_NC_001895	glimmer	+	26452	26958	507	unknown							phanotate	+	26452	26958	507	Ec_P2_NC_001895
51													prodigal	+	26458	26958	501	unknown						
52	genemarks	+	27022	27246	225	Ec_P2_NC_001895	glimmer	+	27022	27246	225	unknown	prodigal	+	27022	27246	225	unknown	phanotate	+	27022	27246	225	Ec_P2_NC_001895
53	genemarks	+	27246	27548	303	Ec_P2_NC_001895	glimmer	+	27246	27548	303	unknown	prodigal	+	27246	27548	303	unknown	phanotate	+	27246	27548	303	Ec_P2_NC_001895
54	genemarks	+	27548	27772	225	Ec_P2_NC_001895	glimmer	+	27548	27772	225	unknown	prodigal	+	27548	27772	225	unknown	phanotate	+	27548	27772	225	Ec_P2_NC_001895
55	genemarks	+	27769	28044	276	Ec_P2_NC_001895	glimmer	+	27769	28044	276	unknown	prodigal	+	27769	28044	276	unknown	phanotate	+	27769	28044	276	Ec_P2_NC_001895
56	genemarks	+	28034	30319	2286	Ec_P2_NC_001895	glimmer	+	28034	30319	2286	unknown	prodigal	+	28034	30319	2286	unknown						
57																			phanotate	+	28097	30319	2223	Ec_P2_NC_001895
58	genemarks	+	30316	30645	330	Ec_P2_NC_001895	glimmer	+	30316	30645	330	unknown	prodigal	+	30316	30645	330	unknown	phanotate	+	30316	30645	330	Ec_P2_NC_001895
59	genemarks	−	30684	31445	762	Ec_P2_NC_001895	glimmer	−	30684	31445	762	unknown	prodigal	−	30684	31445	762	unknown	phanotate	−	30684	31445	762	Ec_P2_NC_001895
60	genemarks	−	31620	33314	1695	Ec_P2_NC_001895	glimmer	−	31620	33314	1695	unknown												
61													prodigal	−	31620	33380	1761	unknown	phanotate	−	31620	33380	1761	Ec_P2_NC_001895
62																			phanotate	−	33380	33593	214	Ec_P2_NC_001895

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