Supplementary File
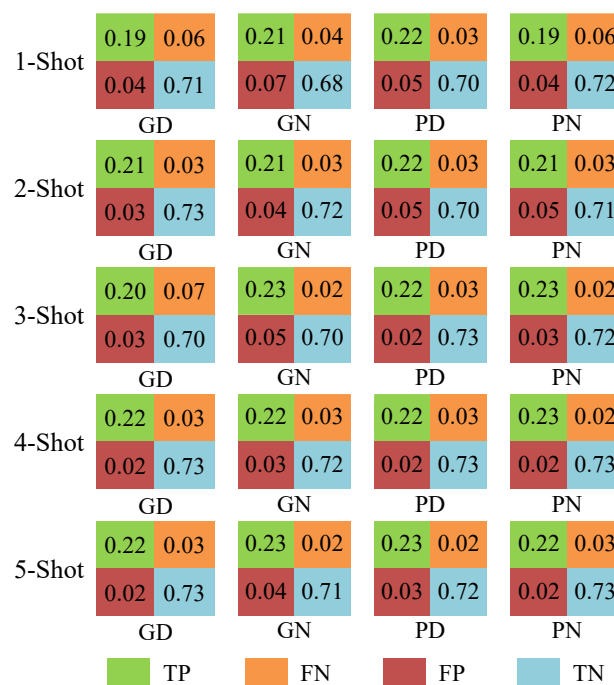## (Model Performance)

DenseNet201:

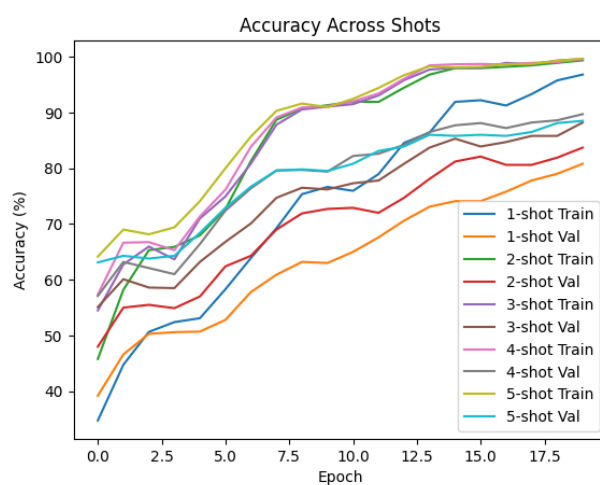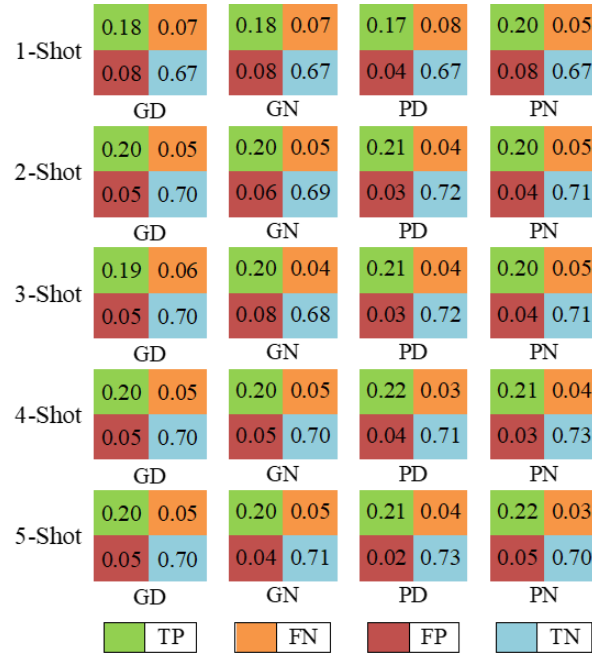**Fig. S1.** Normalized confusion matrix for proposed DFSL with DenseNet-201.

Fig. S2. The accuracy vs validation curve for proposed DFSL with DenseNet-201 across 1-shot to 5-shot.

Table S1. Class-wise Performance of Proposed DFSL with DenseNet-201.

Shot	Class	ACC	ER	TPR	FNR	FPR	TNR	P	F1
1-Shot	GD	90.10	9.90	75.20	24.8	4.93	95.07	83.56	79.16
	GN	88.70	11.3	83.20	16.8	9.47	90.53	74.55	78.64
	PD	92.40	7.60	88.80	11.2	6.40	93.60	82.22	85.38
	PN	90.40	9.60	76.00	24.00	4.80	95.20	84.07	79.83
2-Shot	GD	93.00	7.00	85.60	14.4	4.53	95.47	86.29	85.94
	GN	92.30	7.70	84.80	15.2	5.20	94.80	84.46	84.63
	PD	91.90	8.10	86.40	13.6	6.27	93.73	82.13	84.21
	PN	90.20	9.80	78.00	22.00	5.73	94.27	81.93	79.92
3-Shot	GD	93.80	6.20	81.60	18.4	2.13	97.87	92.73	86.81
	GN	92.90	7.10	90.80	9.20	6.40	93.60	82.55	86.48
	PD	95.40	4.60	89.60	10.4	2.67	97.33	91.80	90.69
	PN	94.30	5.70	90.80	9.20	4.53	95.47	86.97	88.85
4-Shot	GD	94.80	5.20	88.80	11.20	3.20	96.80	90.24	89.52
	GN	94.00	6.00	89.60	10.40	4.53	95.47	86.82	88.19
	PD	95.20	4.80	90.00	10.00	3.07	96.93	90.73	90.36
	PN	95.40	4.60	90.40	9.60	2.93	97.07	91.13	90.76
5-Shot	GD	94.10	5.90	86.00	14.00	3.20	96.80	89.96	87.93
	GN	93.50	6.50	90.80	9.20	5.60	94.40	84.39	87.48
	PD	94.90	5.10	90.80	9.20	3.73	96.27	89.02	89.90
	PN	94.50	5.50	86.40	13.6	2.80	97.20	91.14	88.71

Note: Accuracy (ACC), Error Rate (ER), True Positive Rate (TPR), False Negative Rate (FNR) and False Positive Rate (FPR), True Negative Rate (TNR), Precision (P), and F1-score (F1).

ViT-B/16:

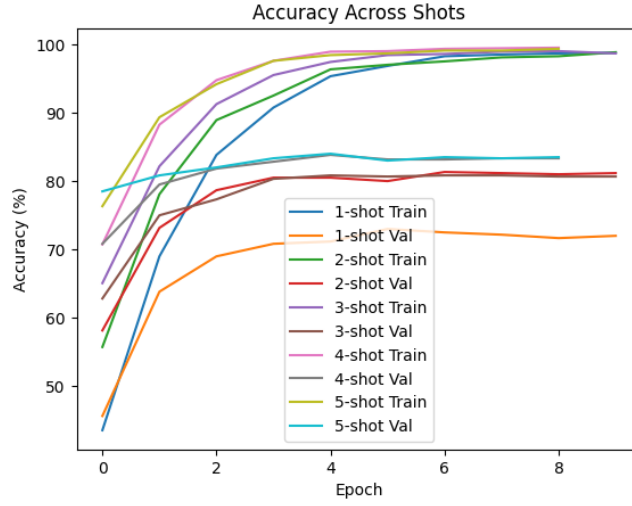**Fig. S3.** Normalized confusion matrix for proposed DFSL with ViT.

Fig. S4. The accuracy vs validation curve for proposed DFSL with ViT across shot 1 to shot 5.

Table S2. Class-wise Performance of Proposed DFSL with ViT.

Shot	Class	ACC	ER	TPR	FNR	FPR	TNR	P	F1
1-Shot	GD	85.70	14.3	73.20	26.80	10.13	89.87	70.66	71.91
	GN	85.30	14.7	72.00	28.00	10.27	89.73	70.04	71.01
	PD	87.90	12.1	68.00	32.00	5.47	94.53	80.57	73.75
	PN	87.10	12.9	78.80	21.20	10.13	89.87	72.16	75.33
2-Shot	GD	90.21	9.79	80.48	19.52	6.53	93.47	80.48	80.48
	GN	89.01	10.99	80.80	19.20	8.26	91.74	76.52	78.60
	PD	92.91	7.09	84.00	16.00	4.13	95.87	87.14	85.54
	PN	90.51	9.49	80.00	20.00	5.99	94.01	81.63	80.81
3-Shot	GD	88.49	11.51	74.50	25.50	6.82	93.18	78.57	76.48
	GN	88.49	11.51	82.00	18.00	9.35	90.65	74.55	78.10
	PD	93.09	6.91	85.54	14.46	4.40	95.60	86.59	86.06
	PN	91.69	8.31	81.53	18.47	4.93	95.07	84.58	83.03
4-Shot	GD	90.52	9.48	80.80	19.20	6.25	93.75	81.12	80.96
	GN	89.92	10.08	80.48	19.52	6.92	93.08	79.53	80.00
	PD	93.81	6.19	89.20	10.80	4.65	95.35	86.43	87.80
	PN	93.21	6.79	84.46	15.54	3.86	96.14	87.97	86.18
5-Shot	GD	90.50	9.50	81.20	18.80	6.40	93.60	80.88	81.04
	GN	90.50	9.50	80.00	20.00	6.00	94.00	81.63	80.81
	PD	93.90	6.10	85.20	14.80	3.20	96.80	89.87	87.47
	PN	85.70	14.3	73.20	26.80	10.13	89.87	70.66	71.91

Note: Accuracy (ACC), Error Rate (ER), True Positive Rate (TPR), False Negative Rate (FNR) and False Positive Rate (FPR), True Negative Rate (TNR), Precision (P), and F1-score (F1).